MERRIFIELD DEVELOPMENT

STAGE 5

DONNYBROOK ROAD, KALKALLO

HUME CITY COUNCIL

FOR

merrifield

MAB GPC

CIVIL DRAWINGS

ROAD AND DRAINAGE

AS CONSTRUCTED

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\80\
11725080F5.dwg - 11725080F5
Date/Time: Wed Feb 25, 2015 - 1:45pm --matthew.copaldo--

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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 PRE COMMENCEMENT 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 PRE COMMENCEMENT 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 N0 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, NATURESTRIPS, 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 750mm 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 MODIFIED 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 MODIFIED 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 ME 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 COUNCIL STANDARD DRAWINGS.

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 PLASTELINE) 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 AS2187.2-1993, 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.

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 2.0m 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

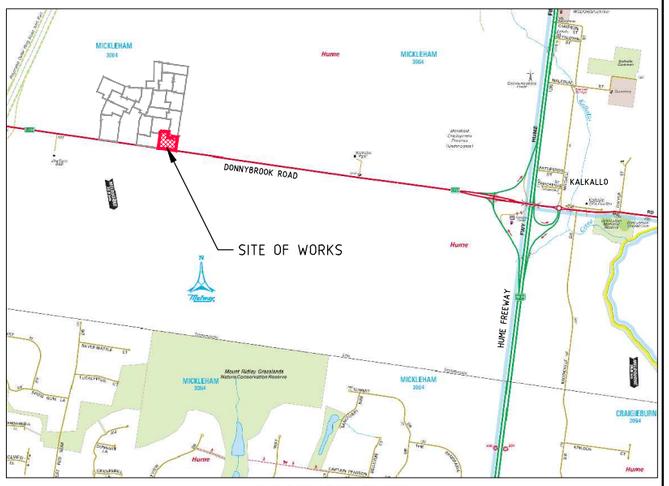
G24. ELECTRICITY CONDUITS ARE TO BE LAID WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS :
   UNDER ROADS - 0.90m
   ELSEWHERE - 0.60m

G25. TACTILE GROUND SURFACE INDICATORS (TGSI'S) TO BE INSTALLED. TGSI'S ARE TO COMPLY WITH AS1428.4

AS CONSTRUCTED

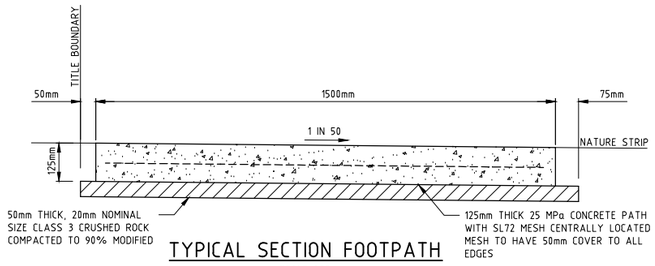
DRAWING INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
01	11725TD01	LOCALITY PLAN, INDEX AND DETAILS
02	11725TD02	TYPICAL SECTIONS AND DETAILS
03	11725SP01	STAGING PLAN
04-05	11725DP01-02	DETAIL PLAN - SHEETS 1 TO 2
06-07	11725SDP01	SETOUT DETAILS - SHEETS 1 TO 2
08-09	11725ID01-02	INTERSECTION DETAILS - SHEETS 1 TO 2
10-11	11725LS01-02	LONGITUDINAL SECTIONS - SHEETS 1 TO 2
12-15	11725XS01-04	CROSS SECTIONS - SHEETS 1 TO 4
16-19	11725DR01-04	DRAINAGE LONGITUDINAL SECTIONS - SHEETS 1 TO 4
20	11725FP01	FILL PLAN
21	11725POS01	PLAN OF SUBDIVISION
22	11725EF01	EXISTING FEATURES PLAN



LOCALITY PLAN

MELWAY REF MAP: 366 D3,E4
NTS



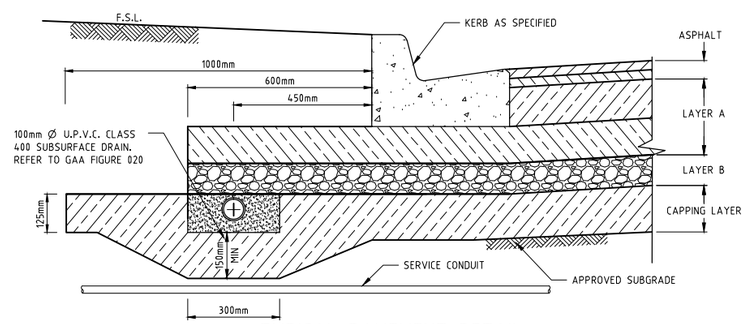
TYPICAL SECTION FOOTPATH

SCALE 1:20
REFER TO G.A.A. STANDARD DRAWING FIG.006 FOR JOINTING DETAILS

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/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



TYPICAL PAVEMENT DETAIL

SCALE 1:10

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Date/Time: Wed Feb 25, 2015 - 1:45pm ---matthew.capobo---

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031082
Verified SL
Date 19/06/14
AN 1061278
Audited RCM
Date 03/10/14
AN 642323
Approved TL
Date 06/10/14
AN 883114
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

merrifield
MAB GPC

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
LOCALITY PLAN, INDEX AND DETAILS

Drawing No. 11725TD01 Rev 1
Sheet No. 01 AS CONSTRUCTED

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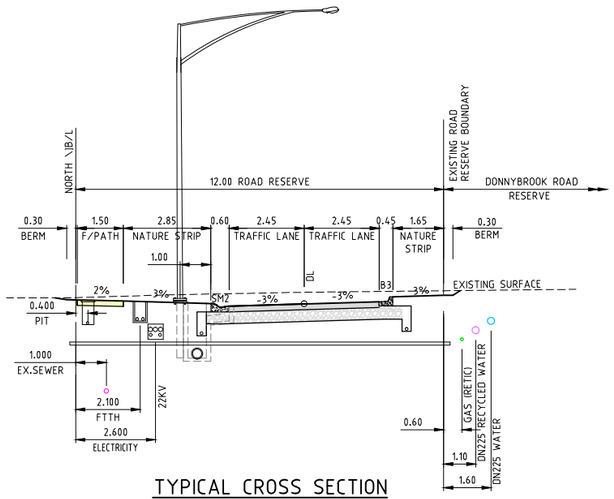
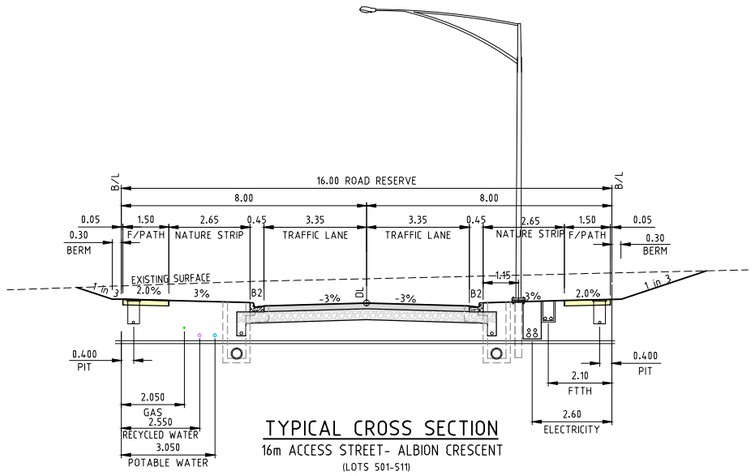


TYPICAL CROSS SECTION

12m LOCAL STREET - ALBION CRESCENT

(LOTS 521-527)

SCALE 1:100

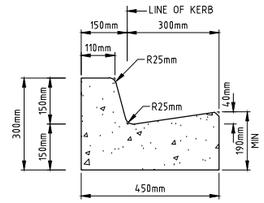


TYPICAL CROSS SECTION

16m ACCESS STREET- ALBION CRESCENT

(LOTS 501-511)

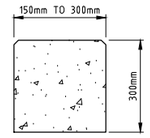
SCALE 1:100



B2 KERB & CHANNEL

SCALE 1:10

REFER TO G.A.A. STANDARD DRAWING FIG.008



EDGE STRIP

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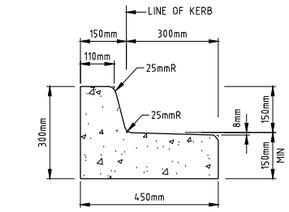
REFER TO G.A.A. STANDARD DRAWING FIG.008



B3 KERB & CHANNEL

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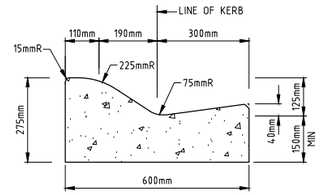
REFER TO G.A.A. STANDARD DRAWING FIG.008



SM2 KERB & CHANNEL

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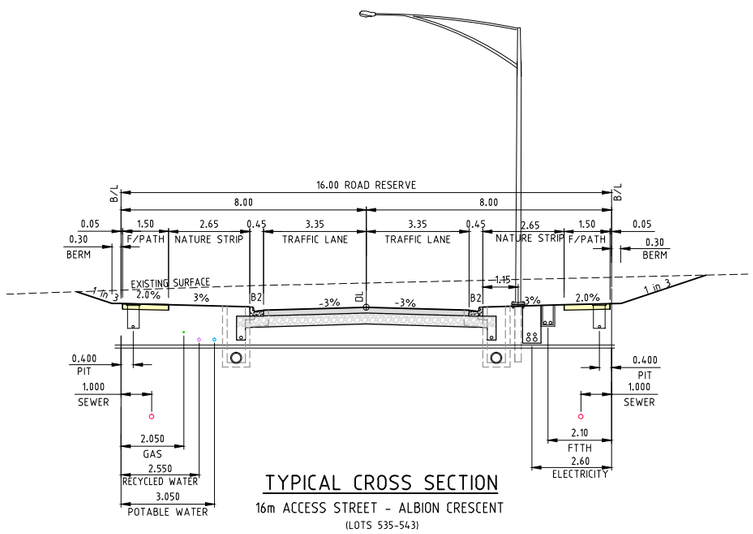
REFER TO G.A.A. STANDARD DRAWING FIG.008

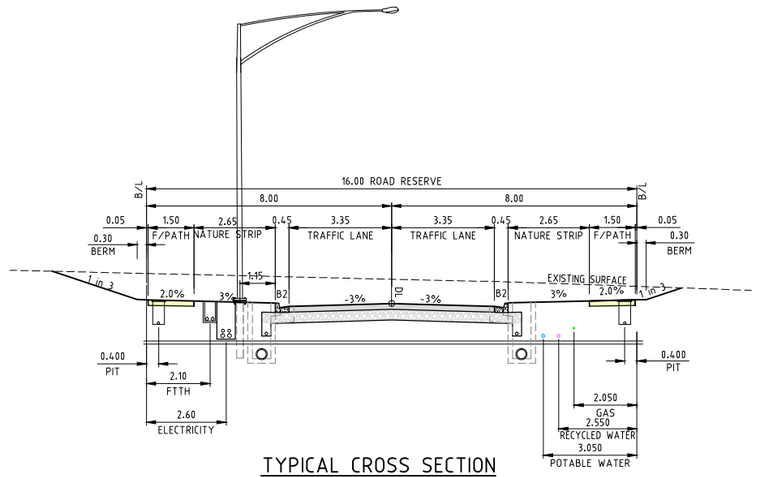


TYPICAL CROSS SECTION

16m ACCESS STREET - ALBION CRESCENT

(LOTS 535-543)

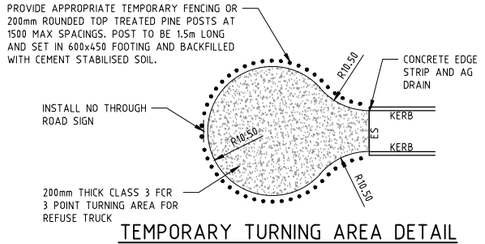
SCALE 1:100



TYPICAL CROSS SECTION

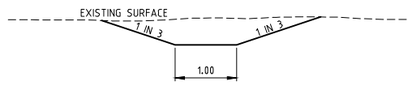
16m ACCESS STREET - MANNINGHAM STREET

SCALE 1:100



TEMPORARY TURNING AREA DETAIL

SCALE 1:500



TYPICAL SECTIONS TEMPORARY OPEN EARTH DRAIN

SCALE 1:50

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031083
Verified SL
Date 19/06/14
AN 1061279
Audited RCM
Date 03/10/14
AN 642324
Approved TL
Date 07/10/24
AN 883115
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 1:100 0m 1m 2m 4m 6m

Scale @ A1/A3 1:100/1:200

MERRIFIELD DEVELOPMENT

DONNYBROOK ROAD, KALKALLO

STAGE 5

TYPICAL SECTIONS AND DETAILS

Drawing No. 11725TD02 Rev 1

Sheet No. 02 AS CONSTRUCTED

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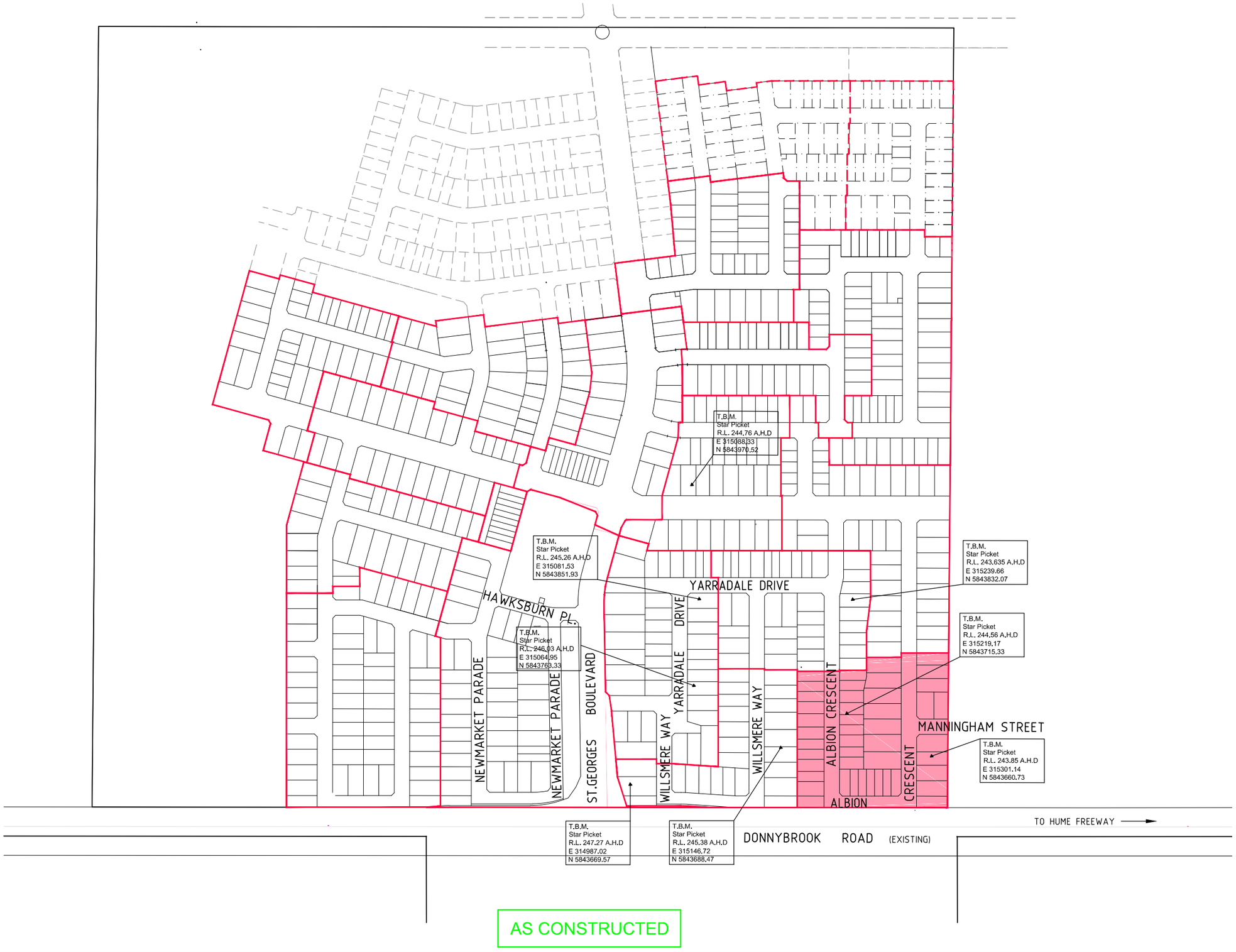
Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\RD\11725TD01.dwg - 11725TD02
Date/Time: Wed Feb 25, 2015 - 1:45pm ---matthew.capaldo---



AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
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0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031084
Verified SL
Date 19/06/14
AN 1061280
Audited RCM
Date 03/10/14
AN 642325
Approved TL
Date 06/10/14
AN 883116
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 1:2000 0m 20m 40m 80m 120m
Scale @ A1/A3 1:2000/1:4000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
STAGING PLAN

Drawing No. 11725SP01 Rev 1
Sheet No. 03 AS CONSTRUCTED

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FOR CONTINUATION - REFER TO SHEET No.05

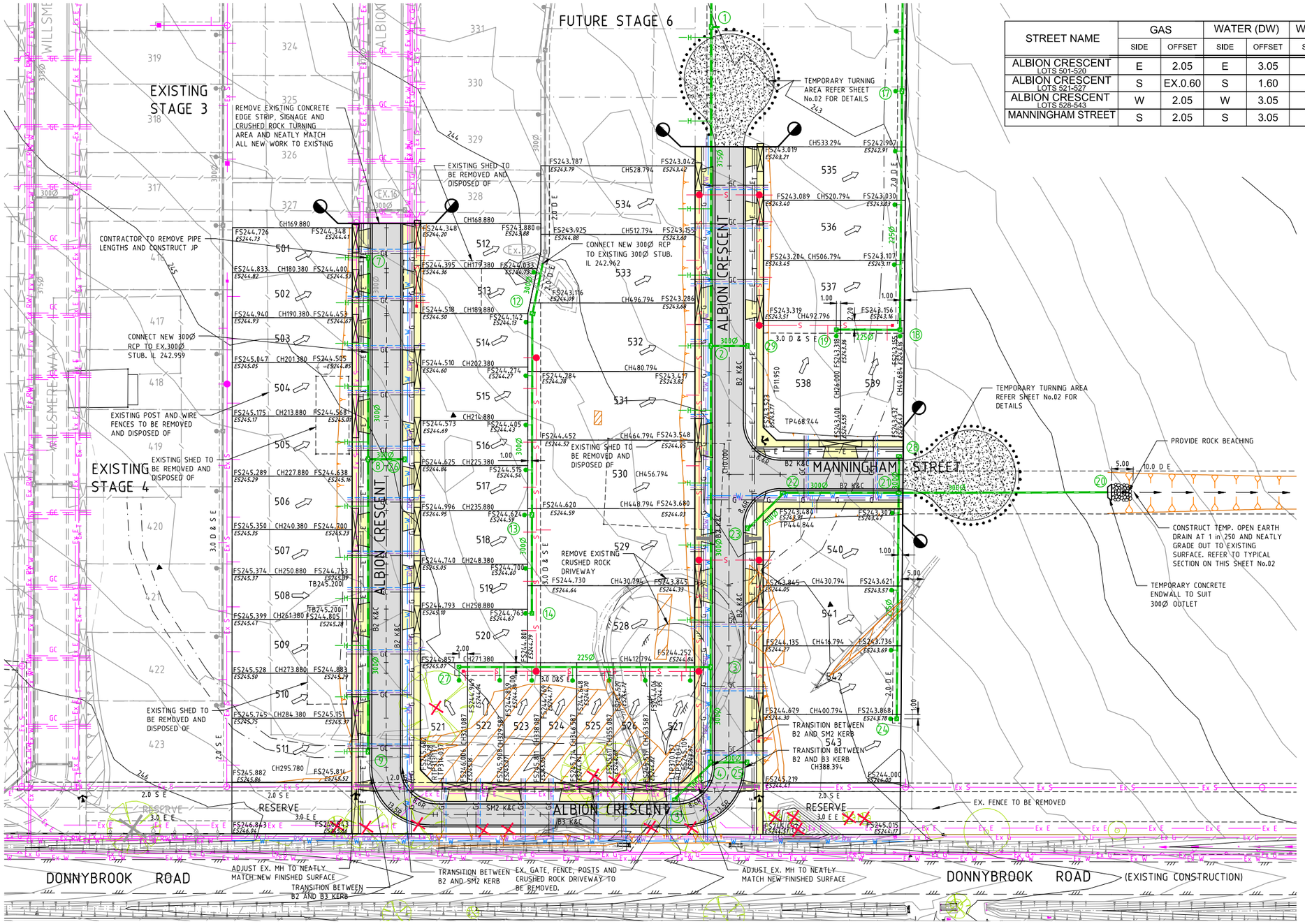
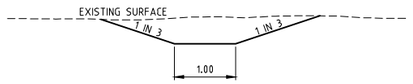


TABLE OF SERVICES LOCATIONS

STREET NAME	GAS		WATER (DW)		WATER (NDW)		TELECOM		ELECTRICITY		SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
ALBION CRESCENT LOTS 501-520	E	2.05	E	3.05	E	2.55	W	2.10	W	2.60	E W	1.00 Ex.1.00
ALBION CRESCENT LOTS 521-527	S	EX.0.60	S	1.60	S	1.10	N	1.775	N	EX.2.60	N	Ex.1.00
ALBION CRESCENT LOTS 528-543	W	2.05	W	3.05	W	2.55	E	2.10	E	2.60	W&E	1.00
MANNINGHAM STREET	S	2.05	S	3.05	S	2.55	N	2.10	N	2.60	-	-



TYPICAL SECTION
TEMPORARY OPEN EARTH DRAIN
SCALE 1:50

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
2	AS CONSTRUCTED	19/02/15	TL
1	REVISED HOUSE DRAINS	17/11/14	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031085
Verified SL
Date 19/06/14
AN 1061281
Audited RCM
Date 03/10/14
AN 642326
Approved TL
Date 06/10/14
AN 883117

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 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
- 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
- LANDSCAPING
- LIMIT OF WORKS

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

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MERRIFIELD DEVELOPMENT

DONNYBROOK ROAD, MICKLEHAM
STAGE 5
DETAIL PLAN
SHEET 1 OF 2
Drawing No. 11725DP01 Rev 2
Sheet No. 04 AS CONSTRUCTED

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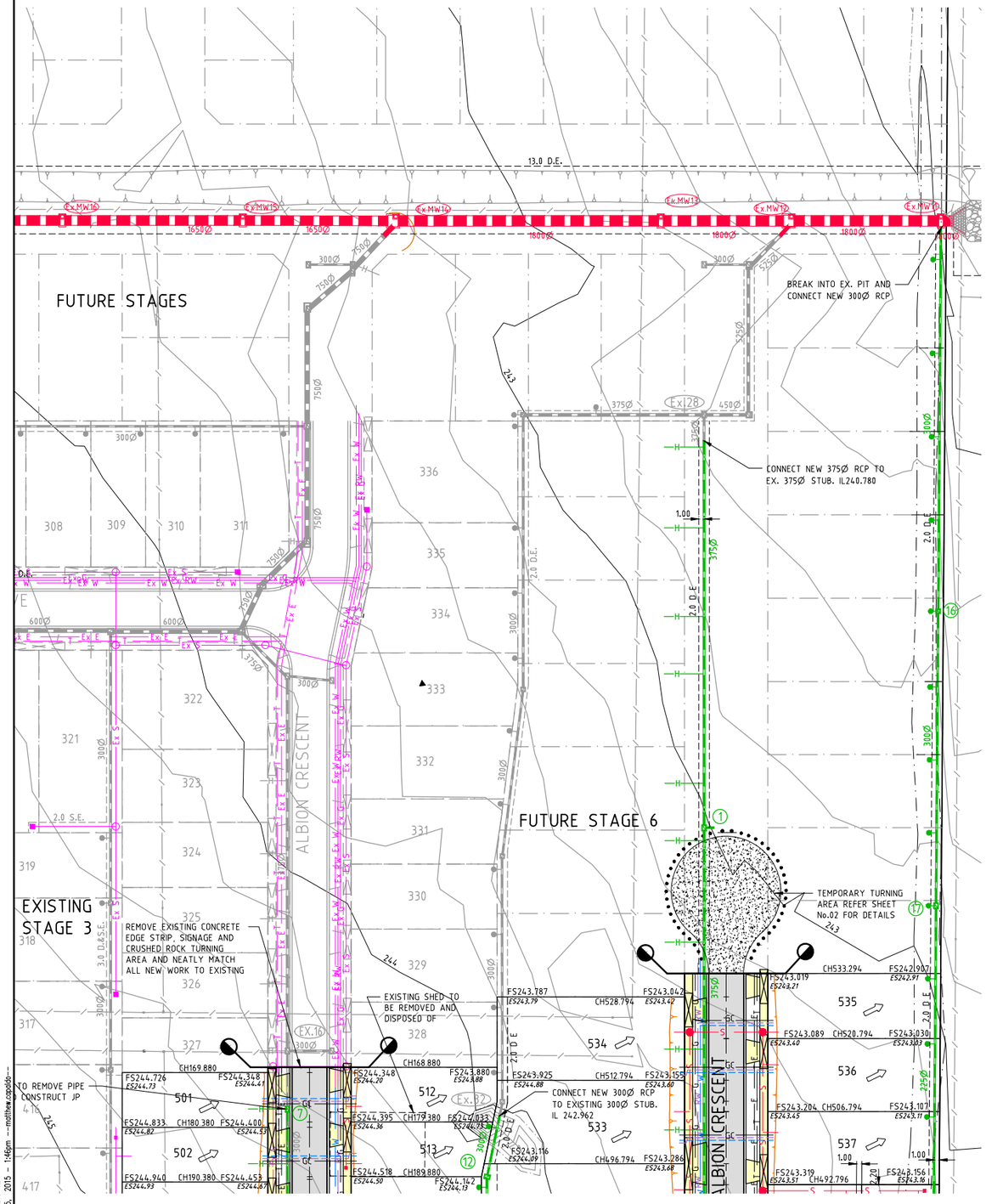

TABLE OF SERVICES LOCATIONS

STREET NAME	GAS		WATER (DW)		WATER (NDW)		TELECOM		ELECTRICITY		SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
ALBION CRESCENT LOTS 501-520	E	2.05	E	3.05	E	2.55	W	2.10	W	2.60	E W	1.00 Ex.1.00
ALBION CRESCENT LOTS 521-527	S	EX.0.60	S	1.60	S	1.10	N	1.775	N	EX.2.60	N	Ex.1.00
ALBION CRESCENT LOTS 528-543	W	2.05	W	3.05	W	2.55	E	2.10	E	2.60	W&E	1.00
MANNINGHAM STREET	S	2.05	S	3.05	S	2.55	N	2.10	N	2.60	-	-

DANGER
OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

WARNING
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

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.

NOTE:
ALL EXISTING SERVICES UNDER NEW PAVEMENTS AND CONCRETE AREAS TO BE BACKFILLED WITH F.C.R.

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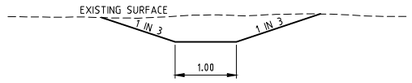
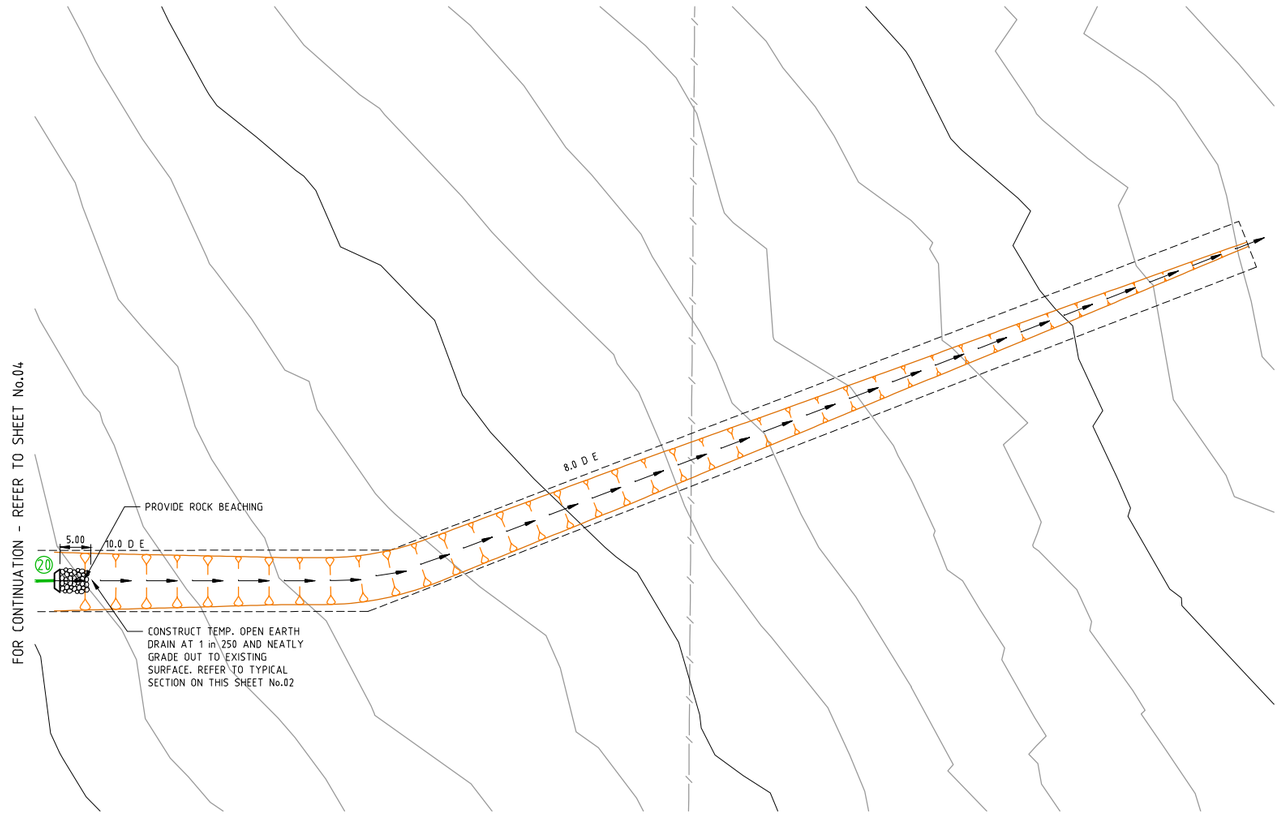


TYPICAL SECTION
TEMPORARY OPEN EARTH DRAIN
SCALE 1:50



AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
2	AS CONSTRUCTED	19/02/15	TL
1	REVISED HOUSE DRAINS	17/11/14	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031086
Verified SL
Date 19/06/14
AN 1061282
Audited RCM
Date 03/10/14
AN 642327
Approved TL
Date 06/10/14
AN 883118
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
- V — EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING STORMWATER DRAIN & PIT
- CONSTRUCTED PRE DEVELOPMENT
- EXISTING TREES TO BE REMOVED
- 20.06 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
- LIMIT OF WORKS

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 5
DETAIL PLAN
SHEET 2 OF 2
Drawing No. 11725DP02 Rev 2
Sheet No. 05 AS CONSTRUCTED

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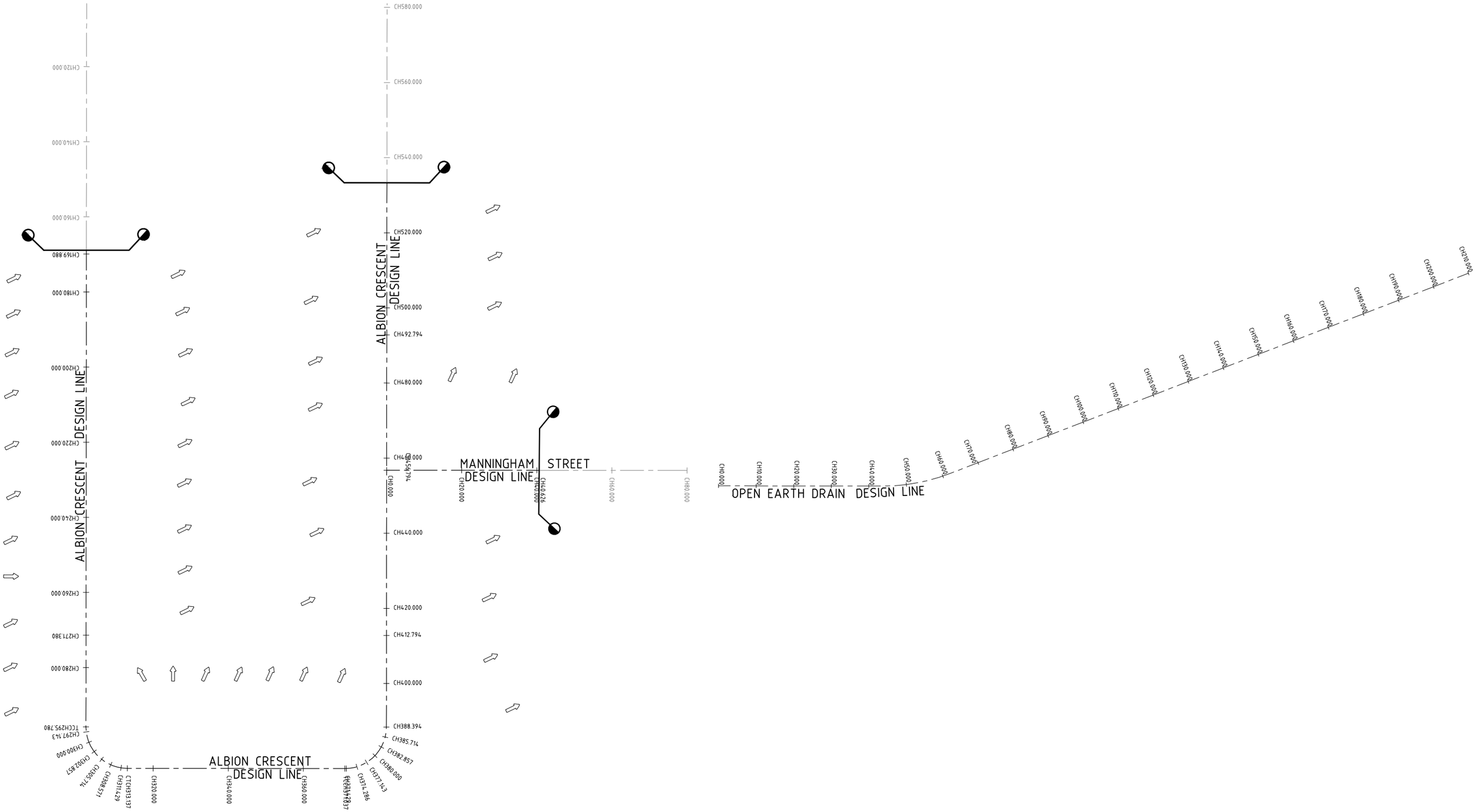
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MANNINGHAM STREET
DESIGN LINE
OPEN EARTH DRAIN DESIGN LINE
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HORIZONTAL ALIGNMENT REPORT FOR ALBION CRESCENT DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTING	COORDINATES NORTHING	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	-0.500	315233.877	5843928.945	243.188	187°03'10.00"	
STRAIGHT	0.000	315233.816	5843928.448	243.173	187°03'10.00"	
STRAIGHT	20.000	315231.360	5843908.600	243.121	187°03'10.00"	
STRAIGHT	40.000	315228.905	5843888.751	243.223	187°03'10.00"	
INTERSECTION POINT	44.500	315228.352	5843884.285	243.246	187°03'10.00"	
STRAIGHT	60.000	315226.449	5843868.902	243.326	187°03'10.00"	
INTERSECTION POINT	69.098	315225.332	5843859.873	243.379	187°03'10.00"	
TANGENT-CURVE	69.098	315225.332	5843859.873	243.379	187°03'10.00"	25.000
CURVE	72.000	315224.809	5843857.020	243.397	193°42'12.79"	25.000
CURVE-TANGENT	74.296	315224.164	5843854.817	243.412	198°58'00.01"	25.000
INTERSECTION POINT	74.296	315224.164	5843854.817	243.412	198°58'00.01"	
STRAIGHT	80.000	315222.310	5843849.423	243.449	198°58'00.01"	
INTERSECTION POINT	88.455	315219.562	5843841.427	243.503	198°58'00.01"	
TANGENT-CURVE	88.455	315219.562	5843841.427	243.503	198°58'00.01"	-25.000
CURVE	92.000	315218.651	5843838.005	243.526	190°50'33.28"	-25.000
INTERSECTION POINT	93.654	315218.394	5843836.371	243.537	187°03'10.00"	
STRAIGHT	100.000	315217.615	5843830.073	243.577	187°03'10.00"	
STRAIGHT	120.000	315215.159	5843810.224	243.729	187°03'10.00"	
STRAIGHT	140.000	315212.703	5843790.376	243.929	187°03'10.00"	
STRAIGHT	160.000	315210.248	5843770.527	244.129	187°03'10.00"	
INTERSECTION POINT	169.880	315209.034	5843760.722	244.227	187°03'10.00"	
STRAIGHT	180.000	315207.792	5843750.678	244.278	187°03'10.00"	
STRAIGHT	200.000	315205.336	5843730.830	244.378	187°03'10.00"	
STRAIGHT	220.000	315202.880	5843710.981	244.478	187°03'10.00"	
STRAIGHT	240.000	315200.425	5843691.132	244.578	187°03'10.00"	
STRAIGHT	260.000	315197.969	5843671.284	244.678	187°03'10.00"	
INTERSECTION POINT	271.380	315196.572	5843659.990	244.736	187°03'10.00"	
STRAIGHT	280.000	315195.513	5843651.435	244.888	187°03'10.00"	
TANGENT-CURVE	295.780	315193.576	5843635.775	245.542	187°03'10.00"	-11.050
CURVE	297.143	315193.492	5843634.415	245.594	179°59'05.64"	-11.050
CURVE	300.000	315193.860	5843631.590	245.691	165°10'12.79"	-11.050
CURVE	302.857	315194.939	5843628.952	245.770	150°21'19.94"	-11.050
CURVE	305.714	315196.655	5843626.678	245.833	135°32'27.09"	-11.050
CURVE	308.571	315198.897	5843624.919	245.878	120°43'34.23"	-11.050
CURVE	311.429	315201.513	5843623.791	245.907	105°54'41.38"	-11.050
CURVE-TANGENT	313.137	315203.186	5843623.451	245.916	97°03'10.00"	-11.050
STRAIGHT	320.000	315209.997	5843622.609	245.890	97°03'10.00"	
STRAIGHT	340.000	315229.845	5843620.153	245.661	97°03'10.00"	
STRAIGHT	360.000	315249.694	5843617.697	245.432	97°03'10.00"	
TANGENT-CURVE	371.037	315260.648	5843616.342	245.305	97°03'10.00"	-11.050
CURVE	371.429	315261.037	5843616.301	245.301	95°01'21.74"	-11.050
CURVE	374.286	315263.884	5843616.420	245.264	80°12'28.88"	-11.050
CURVE	377.143	315266.605	5843617.262	245.220	65°23'36.03"	-11.050
CURVE	380.000	315269.021	5843618.773	245.169	50°34'43.18"	-11.050
CURVE	382.857	315270.971	5843620.851	245.111	35°45'50.33"	-11.050
CURVE	385.714	315272.324	5843623.358	245.046	20°56'57.47"	-11.050
INTERSECTION POINT	388.394	315272.971	5843625.952	244.978	7°03'10.00"	
STRAIGHT	400.000	315274.396	5843637.470	244.617	7°03'10.00"	
INTERSECTION POINT	412.794	315275.967	5843650.167	244.161	7°03'10.00"	
STRAIGHT	420.000	315276.851	5843657.318	243.961	7°03'10.00"	
STRAIGHT	440.000	315279.307	5843677.167	243.661	7°03'10.00"	
INTERSECTION POINT	456.794	315281.369	5843693.834	243.523	7°03'10.00"	
STRAIGHT	460.000	315281.763	5843697.016	243.496	7°03'10.00"	
STRAIGHT	480.000	315284.218	5843716.864	243.333	7°03'10.00"	
INTERSECTION POINT	492.794	315285.789	5843729.562	243.228	7°03'10.00"	
STRAIGHT	500.000	315286.674	5843736.713	243.169	7°03'10.00"	
STRAIGHT	520.000	315289.130	5843756.562	243.005	7°03'10.00"	
STRAIGHT	540.000	315291.585	5843776.410	242.895	7°03'10.00"	
STRAIGHT	560.000	315294.041	5843796.259	242.795	7°03'10.00"	
STRAIGHT	580.000	315296.497	5843816.108	242.695	7°03'10.00"	
STRAIGHT	600.000	315298.952	5843835.956	242.595	7°03'10.00"	
STRAIGHT	620.000	315301.408	5843855.805	242.495	7°03'10.00"	
STRAIGHT	640.000	315303.864	5843875.654	242.395	7°03'10.00"	
STRAIGHT	660.000	315306.319	5843895.502	242.295	7°03'10.00"	
STRAIGHT	680.000	315308.775	5843915.351	242.216	7°03'10.00"	
INTERSECTION POINT	684.294	315309.302	5843919.613	242.345	7°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR MANNINGHAM STREET DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTING	COORDINATES NORTHING	RL	BEARING DEG MIN SEC
INTERSECTION POINT	0.000	315281.369	5843693.834	243.523	97°03'10.00"
STRAIGHT	20.000	315301.218	5843691.379	243.339	97°03'10.00"
STRAIGHT	40.000	315321.066	5843688.923	243.221	97°03'10.00"
INTERSECTION POINT	40.626	315321.688	5843688.846	243.215	97°03'10.00"
STRAIGHT	60.000	315340.915	5843686.467	242.993	97°03'10.00"
STRAIGHT	80.000	315360.764	5843684.012	242.746	97°03'10.00"
STRAIGHT	100.000	315380.612	5843681.556	242.500	97°03'10.00"
STRAIGHT	120.000	315400.461	5843679.100	242.254	97°03'10.00"
STRAIGHT	140.000	315420.310	5843676.645	242.008	97°03'10.00"
INTERSECTION POINT	140.626	315420.931	5843676.568	242.000	97°03'10.00"

HORIZONTAL ALIGNMENT REPORT FOR OPEN EARTH DRAIN DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTING	COORDINATES NORTHING	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315368.607	5843678.918	241.269	97°03'41.32"	
INTERSECTION POINT	0.000	315368.607	5843678.918	241.269	97°03'37.35"	
STRAIGHT	10.000	315378.531	5843677.689	241.229	97°03'37.35"	
STRAIGHT	20.000	315388.456	5843676.460	241.189	97°03'37.35"	
STRAIGHT	30.000	315398.380	5843675.231	241.149	97°03'37.35"	
STRAIGHT	40.000	315408.304	5843674.001	241.109	97°03'37.35"	
TANGENT-CURVE	43.618	315411.894	5843673.557	241.095	97°03'37.35"	-50.000
CURVE	45.000	315413.268	5843673.406	241.089	95°28'35.48"	-50.000
CURVE	50.000	315418.261	5843673.178	241.069	89°44'49.00"	-50.000
CURVE	55.000	315423.251	5843673.450	241.049	84°01'02.52"	-50.000
CURVE	60.000	315428.190	5843674.219	241.029	78°17'16.04"	-50.000
CURVE-TANGENT	62.102	315430.238	5843674.688	241.021	75°52'46.27"	-50.000
STRAIGHT	70.000	315437.898	5843676.615	240.989	75°52'46.27"	
STRAIGHT	80.000	315447.596	5843679.055	240.949	75°52'46.27"	
STRAIGHT	90.000	315457.294	5843681.495	240.909	75°52'46.27"	
STRAIGHT	100.000	315466.992	5843683.934	240.869	75°52'46.27"	
STRAIGHT	110.000	315476.689	5843686.374	240.829	75°52'46.27"	
STRAIGHT	120.000	315486.387	5843688.813	240.789	75°52'46.27"	
STRAIGHT	130.000	315496.085	5843691.253	240.749	75°52'46.27"	
STRAIGHT	140.000	315505.783	5843693.693	240.709	75°52'46.27"	
STRAIGHT	150.000	315515.481	5843696.132	240.669	75°52'46.27"	
STRAIGHT	160.000	315525.179	5843698.572	240.629	75°52'46.27"	
STRAIGHT	170.000	315534.876	5843701.011	240.589	75°52'46.27"	
STRAIGHT	180.000	315544.574	5843703.451	240.549	75°52'46.27"	
STRAIGHT	190.000	315554.272	5843705.891	240.509	75°52'46.27"	
STRAIGHT	200.000	315563.970	5843708.330	240.469	75°52'46.27"	
STRAIGHT	210.000	315573.668	5843710.770	240.429	75°52'46.27"	
STRAIGHT	220.000	315583.366	5843713.210	240.389	75°52'46.27"	
INTERSECTION POINT	222.186	315585.486	5843713.743	240.340	75°52'46.27"	

AS CONSTRUCTED

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\RG\ 11725SOP01.dwg - 11725SOP02
Date/Time: Wed Feb 25, 2015 - 1:46pm --matthew.cogoldg--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031166
Verified SL
Date 19/06/14
AN 1061436
Audited RCM
Date 03/10/14
AN 642329
Approved TL
Date 06/10/14
AN 883120
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 5
SETOUT DETAILS
SHEET 2 OF 2
Drawing No. 11725SOP02 Rev 1
Sheet No. 07 AS CONSTRUCTED

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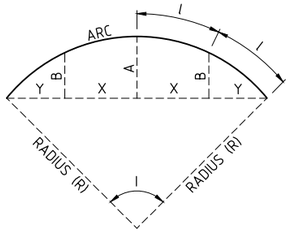
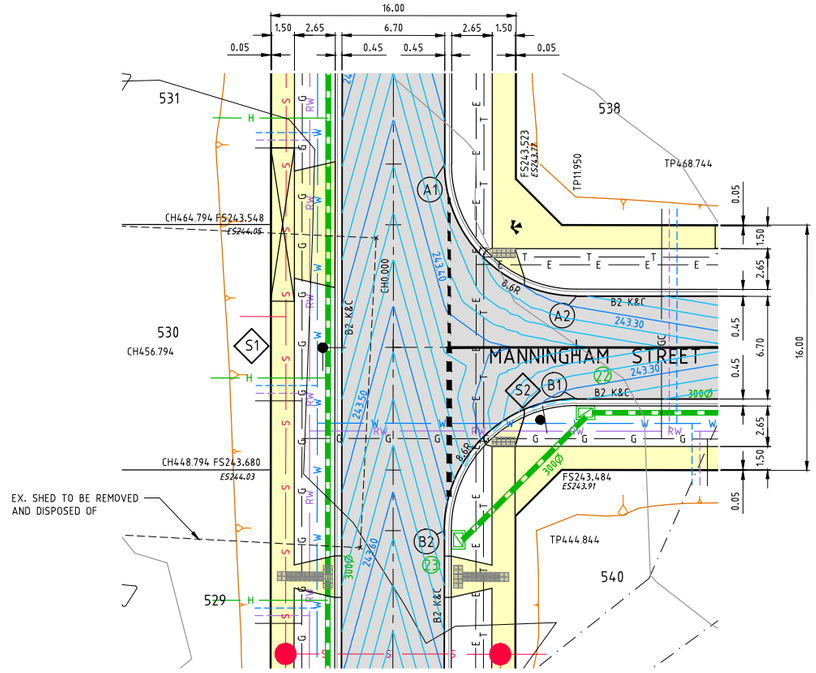


LIP SETOUT DETAIL

N.T.S



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 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.

SIGNAGE LEGEND

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

ALL SIGNS IN ACCORDANCE WITH AS1742

LINE MARKING LEGEND

- 600mm WIDE GIVE WAY HOLDING LINE
- 200mm WIDE GIVE WAY LINE
- 100mm WIDE BARRIER LINE
- DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS. 1428.4

ALIGNMENT LIP PROFILE A

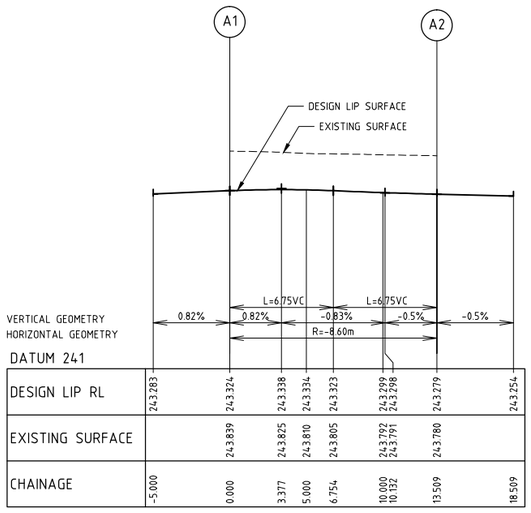
POINT NO.	EASTING	NORTHING	RL
A1	315286.161	5843705.283	243.324
A2	315293.640	5843695.692	243.279

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
A1 - A2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	243.323

ALIGNMENT LIP PROFILE B

POINT NO.	EASTING	NORTHING	RL
B1	315292.817	5843689.042	243.279
B2	315283.226	5843681.563	243.521

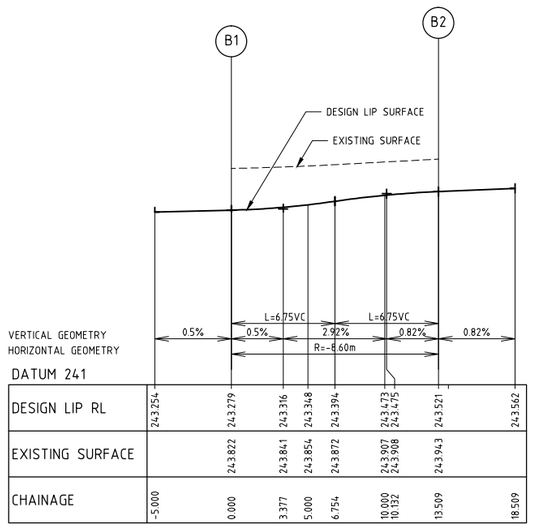
Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
B1 - B2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	243.394



DESIGN LIP RL	243.283	243.324	243.338	243.334	243.323	243.299 243.298	243.279	243.254
EXISTING SURFACE		243.839	243.825	243.810	243.805	243.792 243.791	243.780	
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000 10.132	13.509	18.509

LIP PROFILE A

HORIZ: 1:200
VERT: 1:40



DESIGN LIP RL	243.254	243.279	243.316	243.348	243.394	243.473 243.475	243.521	243.562
EXISTING SURFACE		243.822	243.841	243.854	243.872	243.907 243.908	243.943	
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000 10.132	13.509	18.509

LIP PROFILE B

HORIZ: 1:200
VERT: 1:40

WARNING
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

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.

AS CONSTRUCTED

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\R0\11725ID01.dwg - 11725ID01
Date/Time: Wed Feb 25, 2015 - 1:46pm ---matthew.capolda---

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031088
Verified SL
Date 19/06/14
AN 1061284
Audited RCM
Date 03/10/14
AN 642330
Approved TL
Date 06/10/14
AN 883121
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
- V — 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 300mm
- 155.0 — 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 5
INTERSECTION DETAILS
SHEET 1 OF 2
Drawing No. 11725ID01 Rev 1
Sheet No. 08 AS CONSTRUCTED

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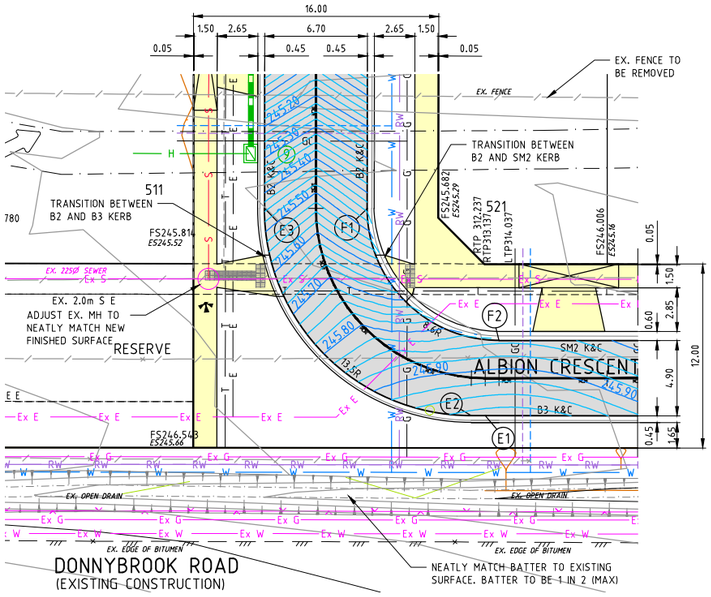
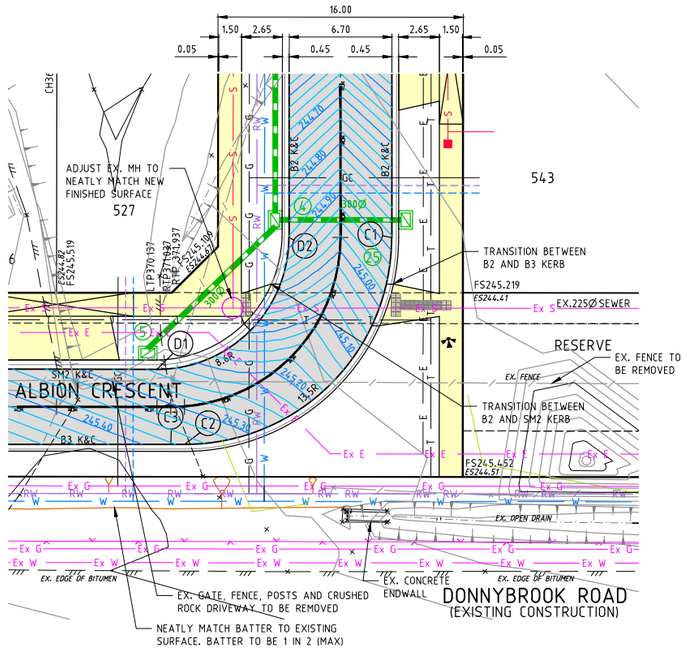




ALIGNMENT LIP PROFILE C

POINT NO.	EASTING	NORTHING	RL
C1	315276.295	5843625.541	244.878
C2	315261.240	5843613.800	245.368
C3	315260.347	5843613.911	245.379

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	90.000	13.500	21.206	3.954	2.926	5.166	4.380	5.301	245.157

ALIGNMENT LIP PROFILE D

POINT NO.	EASTING	NORTHING	RL
D1	315260.055	5843618.884	245.242
D2	315269.646	5843626.363	244.878

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	245.095

ALIGNMENT LIP PROFILE E

POINT NO	EASTING	NORTHING	RL
E1	315202.885	5843621.020	245.989
E2	315201.992	5843621.130	245.985
E3	315190.251	5843636.186	245.442

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E2 - E3	90.000	13.500	21.206	3.954	2.926	5.166	4.380	5.301	245.803

ALIGNMENT LIP PROFILE F

POINT NO	EASTING	NORTHING	RL
F1	315196.901	5843635.363	245.442
F2	315204.380	5843625.772	245.844

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F1 - F2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	245.707

LINE MARKING LEGEND

100mm WIDE BARRIER LINE

BI-DIRECTIONAL RAISED REFLECTIVE PAVEMENT MARKERS (SPACED AT 6m c/c UNLESS NOTED OTHERWISE)

WARNING
NO DRAINAGE WORKS SHALL COMMENCE UNTIL THE CONTRACTOR CONFIRMS THE I.L. OF ALL EXISTING DRAINS, AND CONFIRMS IN WRITING WITH THE ENGINEERING SUPERVISOR.

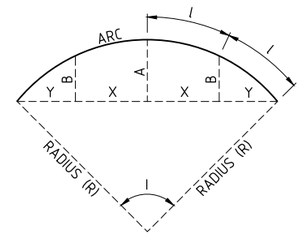
DANGER
OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

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.

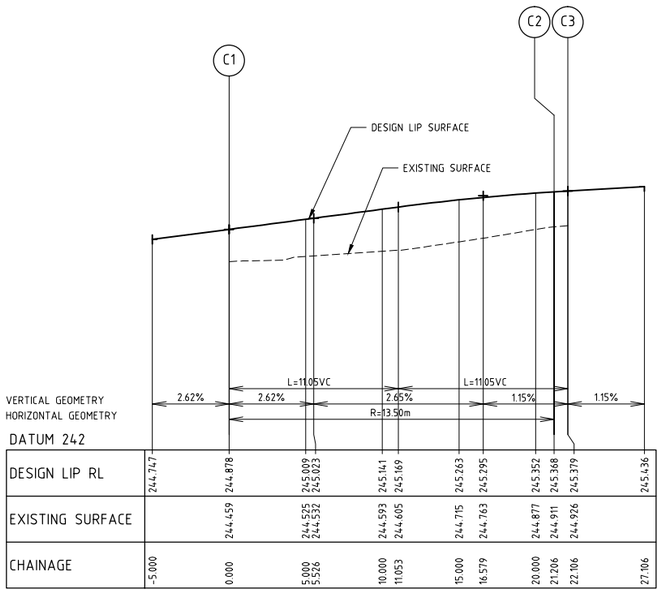
NOTE:
ALL EXISTING SERVICES UNDER NEW PAVEMENTS AND CONCRETE AREAS TO BE BACKFILLED WITH F.C.R.

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 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.



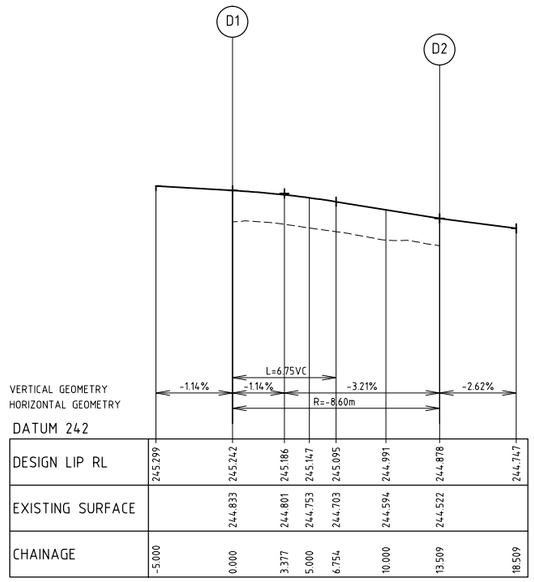
LIP SETOUT DETAIL
N.T.S



DATUM 242

DESIGN LIP RL	244.747	244.878	245.009	245.023	245.141	245.169	245.263	245.295	245.352	245.368	245.379	245.436
EXISTING SURFACE		244.459	244.525	244.532	244.593	244.605	244.715	244.763	244.877	244.911	244.926	244.936
CHAINAGE	-5.000	0.000	5.000	5.526	10.000	11.053	15.000	16.579	20.000	21.206	22.106	27.106

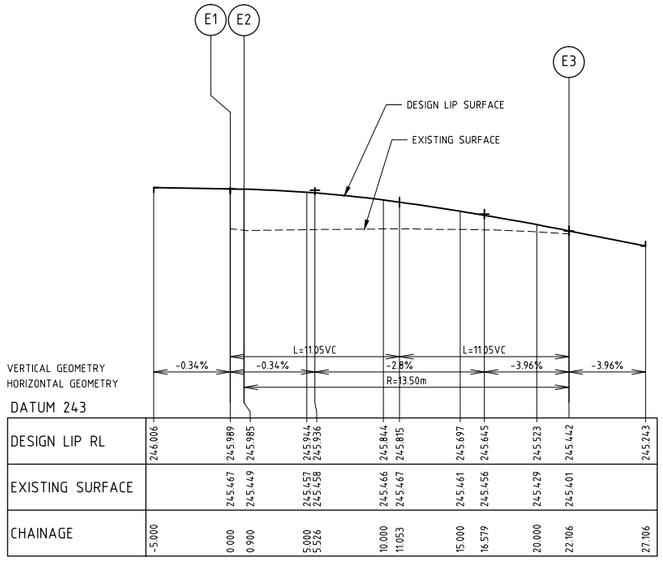
LIP PROFILE C
HORIZ: 1:200
VERT: 1:40



DATUM 242

DESIGN LIP RL	245.299	245.242	245.186	245.147	245.095	244.991	244.878	244.747
EXISTING SURFACE		244.833	244.801	244.753	244.703	244.594	244.522	244.436
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000	13.509	18.509

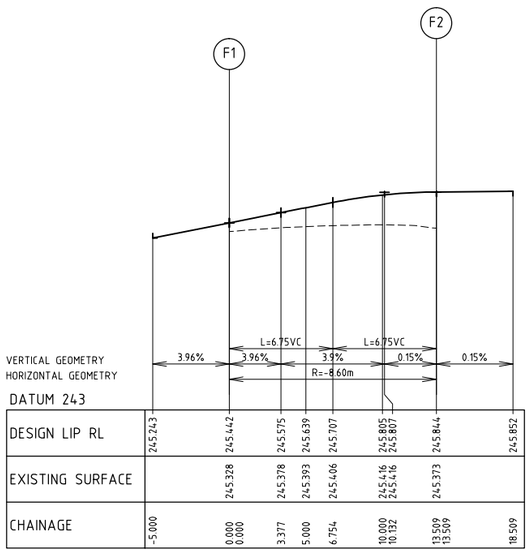
LIP PROFILE D
HORIZ: 1:200
VERT: 1:40



DATUM 243

DESIGN LIP RL	246.006	245.989	245.985	245.944	245.936	245.844	245.815	245.697	245.645	245.523	245.442	245.243
EXISTING SURFACE		245.467	245.449	245.457	245.458	245.466	245.467	245.461	245.456	245.429	245.401	245.202
CHAINAGE	-5.000	0.000	0.900	5.000	5.526	10.000	11.053	15.000	16.579	20.000	22.106	27.106

LIP PROFILE E
HORIZ: 1:200
VERT: 1:40



DATUM 243

DESIGN LIP RL	245.243	245.442	245.575	245.639	245.707	245.805	245.807	245.844	245.852
EXISTING SURFACE		245.328	245.378	245.393	245.406	245.416	245.416	245.373	245.373
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000	10.132	13.509	18.509

LIP PROFILE F
HORIZ: 1:200
VERT: 1:40

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Date/Time: Wed Feb 25, 2015 - 1:46pm ---matthew.copolo---

REV	AMENDMENTS	DATE	APP'D.
	AS CONSTRUCTED		
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031089
Verified SL
Date 19/06/14
AN 1061285
Audited RCM
Date 03/10/14
AN 642331
Approved TL
Date 06/10/14
AN 883122
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 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
- 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
- LANDSCAPING
- FILLING OVER 300mm
- 155.0 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 5
INTERSECTION DETAILS
SHEET 2 OF 2
Drawing No. 11725ID02 Rev 1
Sheet No. 09 AS CONSTRUCTED

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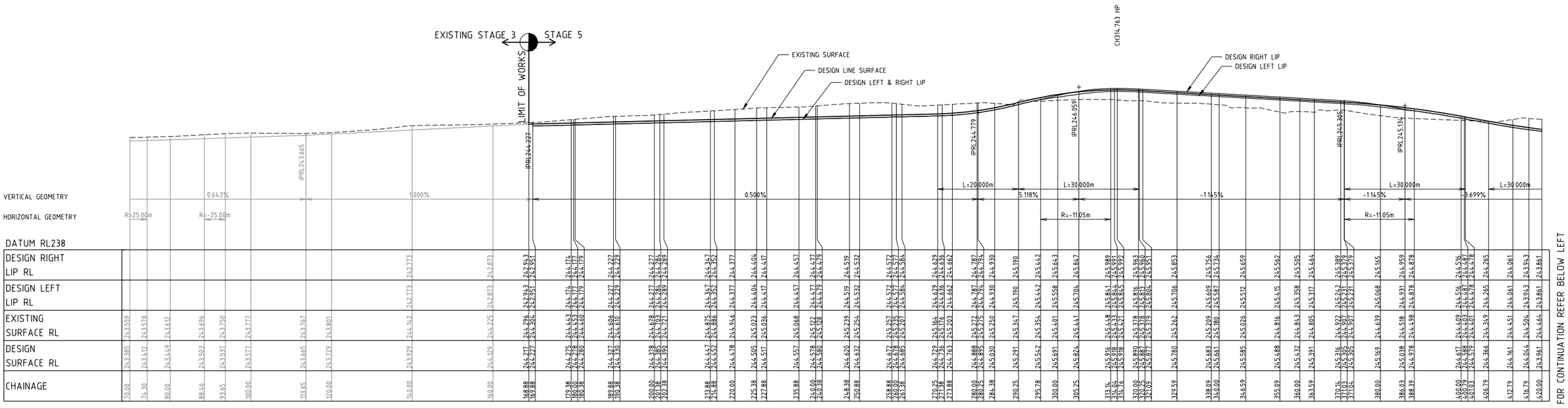
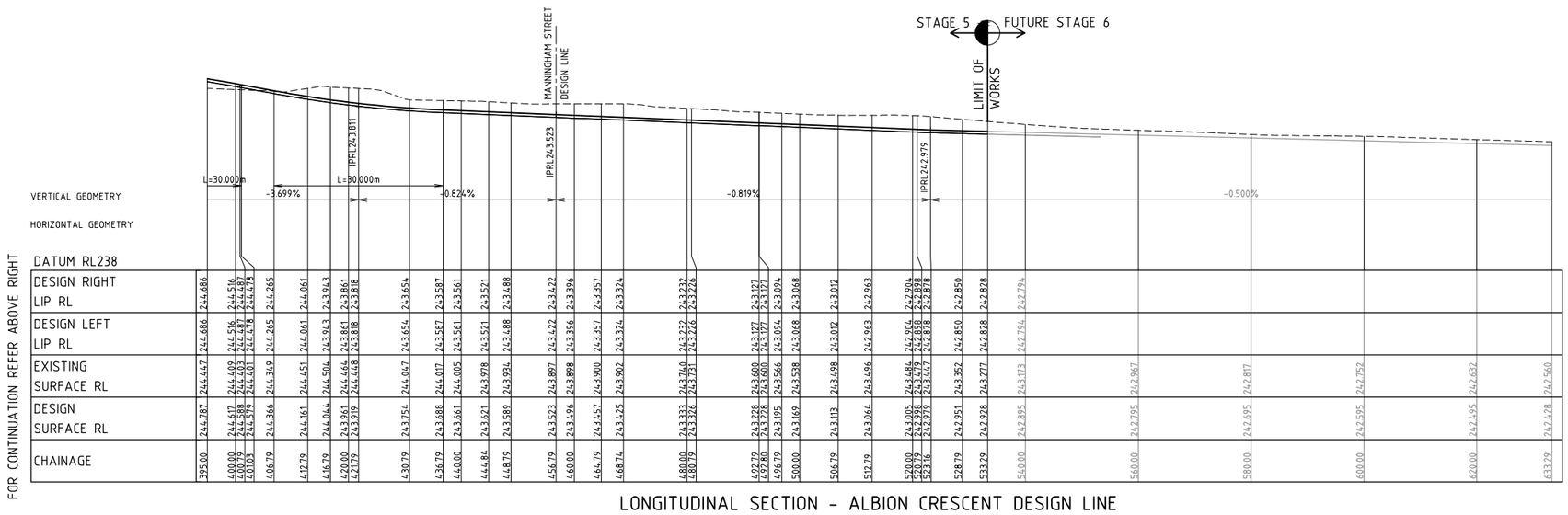


LONGITUDINAL SECTION - ALBION CRESCENT DESIGN LINE



LONGITUDINAL SECTION - ALBION CRESCENT DESIGN LINE

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031090
Verified SL
Date 19/06/14
AN 1061286
Audited RCM
Date 03/10/14
AN 642332
Approved TL
Date 06/10/14
AN 883123
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 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
LONGITUDINAL SECTIONS
SHEET 1 OF 2
Drawing No. 11725LS01 Rev 1
Sheet No. 10 AS CONSTRUCTED

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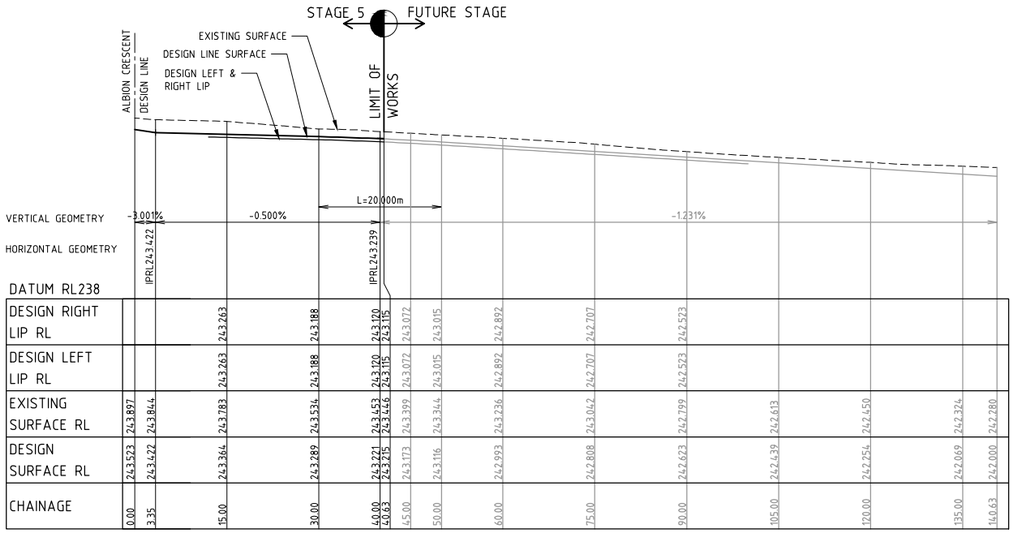
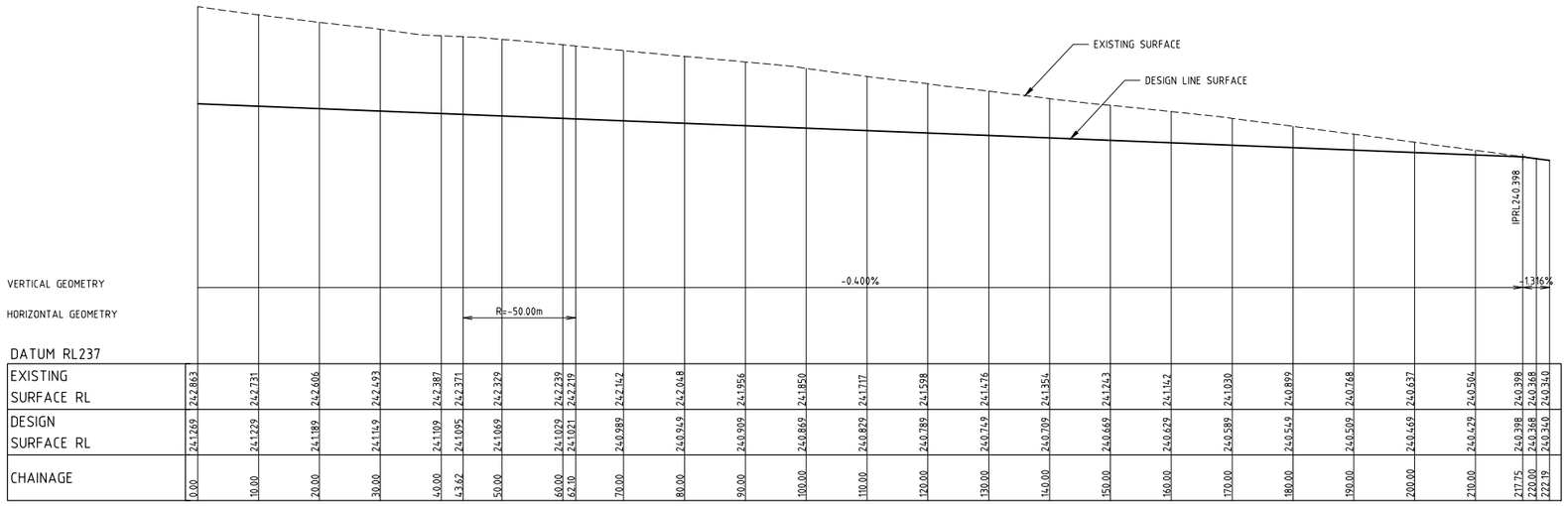
E info@dceprofile.com

Drawing File: G:\Designdata\11720\11725-MERRIFIELD - PreiCct 1 - Stage 5\Acad\R01\11725LS01.dwg - 11725LS01
Date/Time: Wed Feb 25, 2015 - 1:46pm --matthew.cappiello--



LONGITUDINAL SECTION - MANNINGHAM STREET DESIGN LINE



LONGITUDINAL SECTION - OPEN EARTH DRAIN DESIGN LINE

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031154
Verified SL
Date 19/06/14
AN 1061370
Audited RCM
Date 03/10/14
AN 642333
Approved TL
Date 06/10/14
AN 883124
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 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
LONGITUDINAL SECTIONS
SHEET 2 OF 2
Drawing No. 11725LS02 Rev 1
Sheet No. 11 AS CONSTRUCTED

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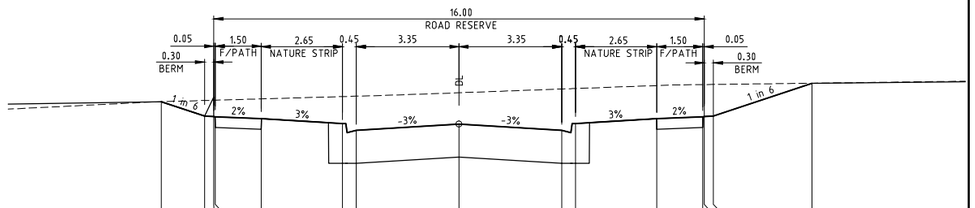
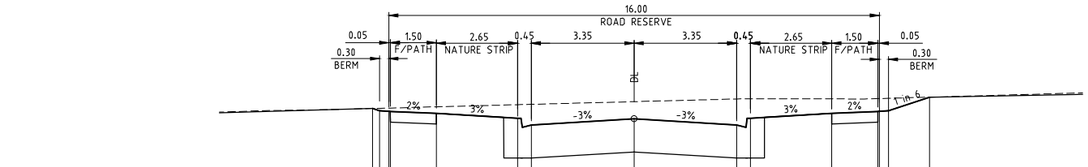
Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\80\11725LS01.dwg - 11725LS02
Date/Time: Wed Feb 25, 2015 - 1:46pm --matthew.cappiello--



DATUM RL243.000

DESIGN SURFACE	244.921	244.687	244.678	244.676	244.646	244.567	244.557	244.557	244.587	244.646	244.676	244.678	244.687	245.223
EXISTING SURFACE	244.921	244.941	244.946	244.948	244.968	245.005	245.012	245.068	245.129	245.137	245.185	245.201	245.201	245.203	245.223
OFFSET	-9.708	-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	11.518

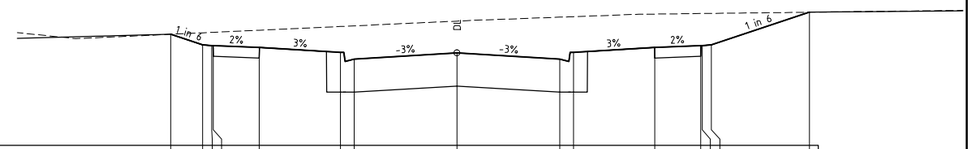
CH 235.880



DATUM RL243.000

DESIGN SURFACE	244.495	244.477	244.478	244.476	244.446	244.416	244.337	244.227	244.327	244.227	244.337	244.416	244.446	244.476	244.478	244.497	244.68
EXISTING SURFACE	244.495	244.499	244.502	244.503	244.503	244.522	244.557	244.563	244.606	244.65	244.655	244.651	244.656	244.657	244.661	244.68
OFFSET	-8.529	-8.300	-8.000	-7.950	-6.450	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	9.637

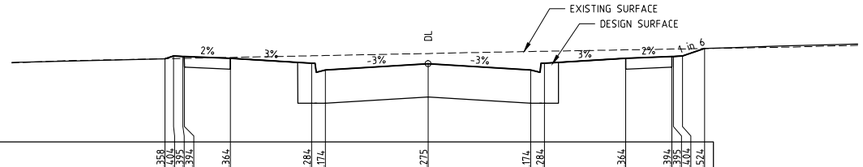
CH 189.880



DATUM RL243.000

DESIGN SURFACE	244.808	244.634	244.625	244.624	244.594	244.514	244.404	244.595	244.404	244.514	244.594	244.624	244.625	244.634	245.168
EXISTING SURFACE	244.808	244.832	244.839	244.844	244.874	244.935	244.946	245.023	245.087	245.095	245.137	245.146	245.146	245.148	245.168
OFFSET	-9.341	-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	11.501

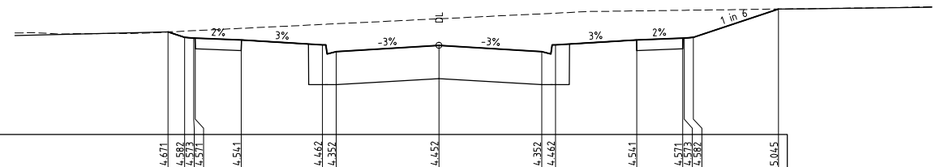
CH 225.380



DATUM RL243.000

DESIGN SURFACE	244.358	244.364	244.395	244.394	244.364	244.284	244.174	244.275	244.174	244.284	244.364	244.394	244.395	244.392	244.524
EXISTING SURFACE	244.358	244.362	244.363	244.364	244.379	244.405	244.41	244.443	244.476	244.48	244.502	244.515	244.518	244.522	244.524
OFFSET	-8.580	-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

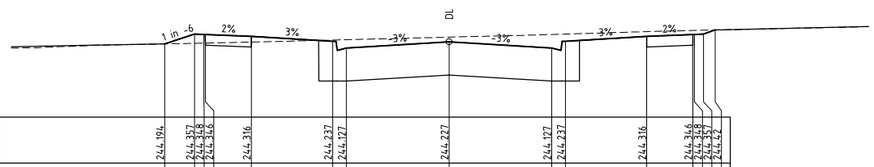
CH 179.380



DATUM RL243.000

DESIGN SURFACE	244.671	244.582	244.573	244.571	244.541	244.462	244.352	244.452	244.352	244.462	244.541	244.571	244.573	244.582	245.045
EXISTING SURFACE	244.671	244.685	244.692	244.694	244.73	244.794	244.805	244.886	244.967	244.978	245.015	245.024	245.027	245.029	245.045
OFFSET	-8.838	-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	11.077

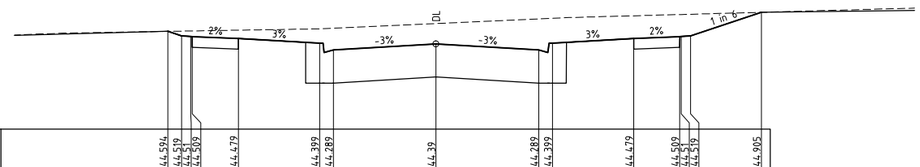
CH 214.880



DATUM RL243.000

DESIGN SURFACE	244.194	244.357	244.358	244.346	244.316	244.237	244.127	244.227	244.127	244.237	244.316	244.346	244.358	244.357	244.42
EXISTING SURFACE	244.194	244.206	244.207	244.207	244.224	244.257	244.262	244.304	244.347	244.354	244.394	244.413	244.416	244.416	244.42
OFFSET	-9.278	-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	8.682

CH 169.880



DATUM RL243.000

DESIGN SURFACE	244.594	244.519	244.5	244.509	244.479	244.399	244.289	244.39	244.289	244.399	244.479	244.509	244.5	244.519	244.905
EXISTING SURFACE	244.594	244.598	244.6	244.601	244.613	244.636	244.645	244.721	244.796	244.807	244.848	244.868	244.869	244.873	244.905
OFFSET	-8.748	-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	10.612

CH 202.380

ALBION CRESCENT

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\R01\11725XS01.dwg - 11725XS01
Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.copolo--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031091
Verified SL
Date 19/06/14
AN 1061287
Audited RCM
Date 03/10/14
AN 642334
Approved TL
Date 06/10/14
AN 883125
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

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 5
CROSS SECTIONS
SHEET 1 OF 4
Drawing No. 11725XS01 Rev 1
Sheet No. 12 AS CONSTRUCTED

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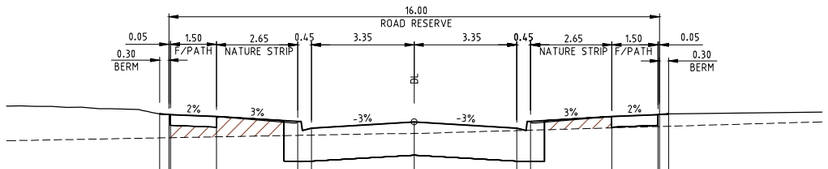
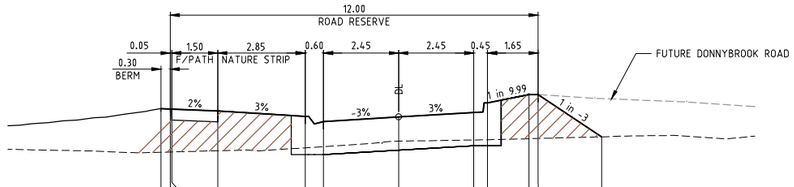
E info@dceprofile.com



DATUM RL244.000

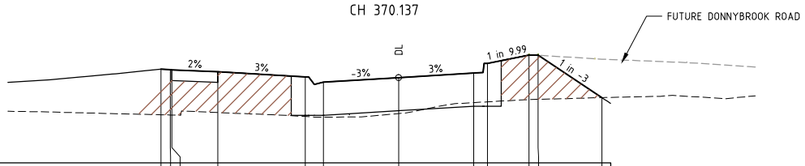
| | | |



DATUM RL244.000

DESIGN SURFACE	245.453	245.444	245.413	245.327	245.242	245.316	245.389	245.417	245.682	245.682	244.993
EXISTING SURFACE	244.741	244.745	244.766	244.833	244.833	244.922	244.941	244.945	244.962	244.966	244.993
OFFSET	-7.750	-7.450	-5.900	-3.050	-2.450	0.000	2.450	2.900	4.250	4.550	6.619

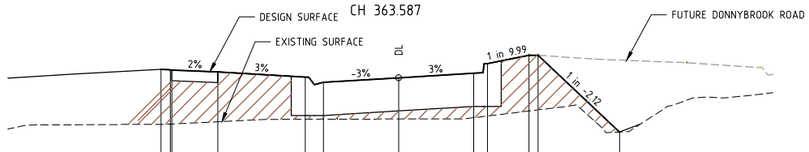
CH 370.137



DATUM RL244.000

DESIGN SURFACE	245.528	245.518	245.488	245.402	245.317	245.391	245.464	245.622	245.757	245.757	245.064
EXISTING SURFACE	244.785	244.781	244.821	244.757	244.745	244.805	244.983	244.996	245.032	245.036	245.064
OFFSET	-7.750	-7.450	-5.900	-3.050	-2.450	0.000	2.450	2.900	4.250	4.550	6.631

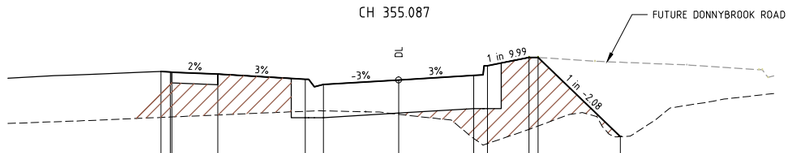
CH 363.587



DATUM RL244.000

DESIGN SURFACE	245.626	245.617	245.585	245.5	245.415	245.488	245.562	245.572	245.855	245.855	244.604
EXISTING SURFACE	244.731	244.733	244.771	244.812	244.813	244.816	244.828	244.865	244.847	244.865	244.604
OFFSET	-7.750	-7.450	-5.900	-3.050	-2.450	0.000	2.450	2.900	4.250	4.550	7.208

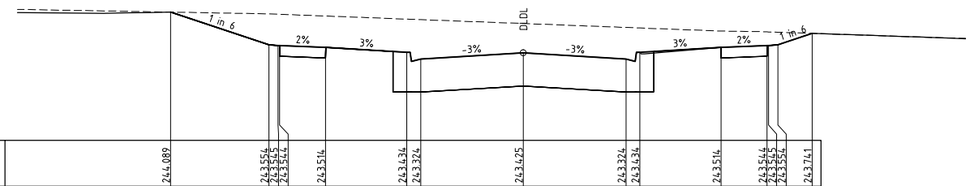
CH 355.087



DATUM RL244.000

DESIGN SURFACE	245.723	245.714	245.682	245.597	245.512	245.585	245.659	245.817	245.952	245.952	244.661
EXISTING SURFACE	244.974	244.981	245.014	245.075	245.081	245.026	244.633	244.548	244.778	244.834	244.661
OFFSET	-7.750	-7.450	-5.900	-3.050	-2.450	0.000	2.450	2.900	4.250	4.550	7.235

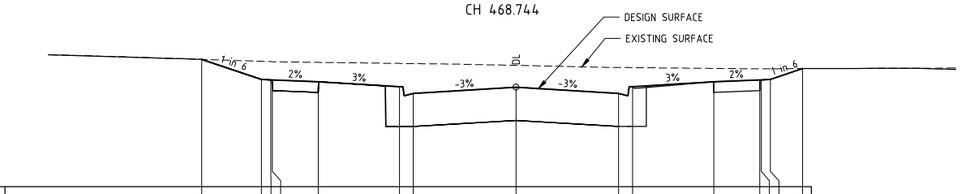
CH 346.587



DATUM RL242.000

DESIGN SURFACE	244.089	243.556	243.544	243.514	243.434	243.324	243.25	243.324	243.434	243.514	243.544	243.555	243.554	243.741
EXISTING SURFACE	244.089	244.06	244.053	244.025	243.974	243.936	243.902	243.839	243.83	243.78	243.766	243.765	243.76	243.741
OFFSET	-11.506	-8.300	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	9.423

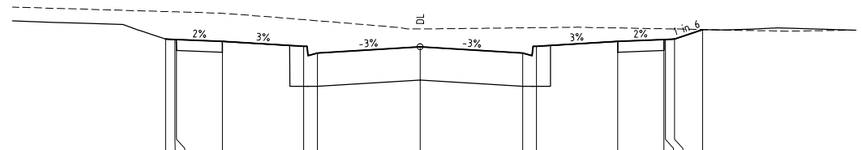
CH 468.744



DATUM RL242.000

DESIGN SURFACE	244.076	243.751	243.742	243.74	243.631	243.521	243.621	243.521	243.631	243.71	243.742	243.751	243.75	243.925
EXISTING SURFACE	244.076	244.044	244.039	244.038	244.01	244.007	243.978	243.943	243.941	243.928	243.923	243.923	243.923	243.925
OFFSET	-10.252	-8.300	-8.000	-7.950	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	7.950	8.300	9.347

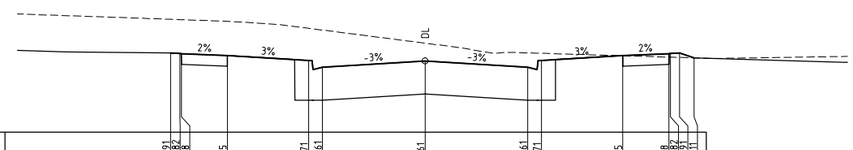
CH 444.844



DATUM RL242.000

DESIGN SURFACE	243.886	243.875	243.873	243.843	243.764	243.654	243.754	243.654	243.764	243.843	243.873	243.875	243.886	244.037
EXISTING SURFACE	244.331	244.327	244.326	244.302	244.199	244.181	244.047	244.065	244.068	244.064	244.05	244.05	244.047	244.037
OFFSET	-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	9.219

CH 430.794



DATUM RL243.000

DESIGN SURFACE	244.281	244.272	244.28	244.25	244.171	244.061	244.161	244.061	244.171	244.25	244.28	244.282	244.291	245.241
EXISTING SURFACE	244.86	244.835	244.834	244.807	244.693	244.665	244.451	244.292	244.286	244.246	244.224	244.223	244.218	245.241
OFFSET	-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	9.170

CH 412.794

ALBION CRESCENT

Drawing File: G:\Designdata\11720\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\R01\11725XS01.dwg - 11725XS03
Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.cogolo--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031093
Verified SL
Date 19/06/14
AN 1061289
Audited RCM
Date 03/10/14
AN 642336
Approved TL
Date 06/10/14
AN 883127
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 ENGINEERED FILL TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GOLDER ASSOCIATES. ENGINEERING FILL TO BE APPROVED BY HUME CITY COUNCIL REFER TO DWG 11725TD01 NOTES 9&11, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.

AS CONSTRUCTED

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 5
CROSS SECTIONS
SHEET 3 OF 4
Drawing No. 11725XS03 Rev 1
Sheet No. 14 AS CONSTRUCTED

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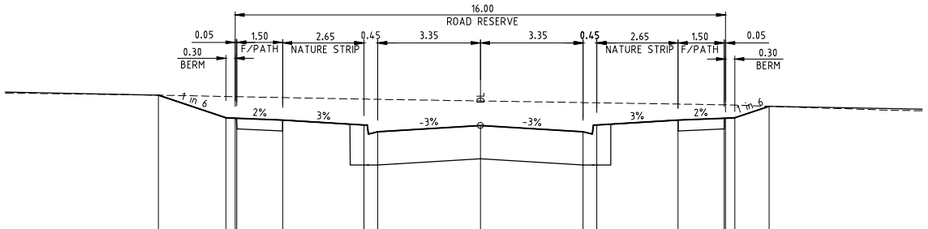
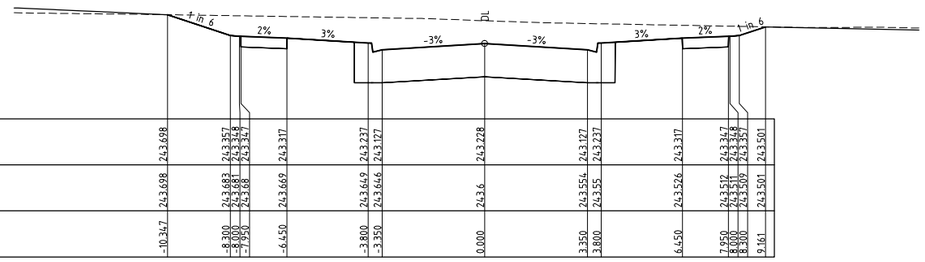
E info@dceprofile.com



DATUM RL241.000

DESIGN SURFACE	243.447	243.308	243.301	243.301	243.304	242.96	242.85	242.951	242.85	242.96	243.304	243.301	243.301	243.308	243.266														
EXISTING SURFACE	243.447	243.425	243.422	243.422	243.407	243.382	243.379	243.352	243.326	243.322	243.301	243.289	243.285	243.285	243.266														
OFFSET	-10.499	-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	9.417														

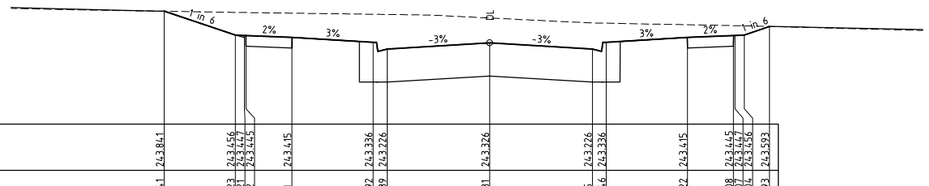
CH 528.794



DATUM RL242.000

DESIGN SURFACE	243.698	243.357	243.347	243.347	243.317	243.237	243.172	243.228	243.127	243.237	243.317	243.347	243.348	243.357	243.501														
EXISTING SURFACE	243.698	243.683	243.681	243.668	243.669	243.649	243.646	243.6	243.554	243.555	243.526	243.512	243.511	243.509	243.501														
OFFSET	-10.347	-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	9.161														

CH 492.796

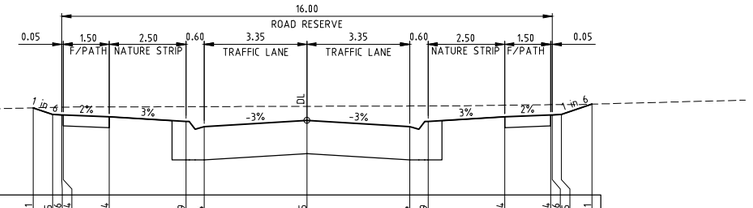


DATUM RL242.000

DESIGN SURFACE	243.841	243.156	243.147	243.145	243.415	243.336	243.326	243.326	243.326	243.336	243.415	243.445	243.447	243.456	243.593														
EXISTING SURFACE	243.841	243.823	243.821	243.812	243.81	243.792	243.789	243.731	243.365	243.646	243.622	243.608	243.607	243.604	243.593														
OFFSET	-10.615	-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	9.126														

CH 480.794

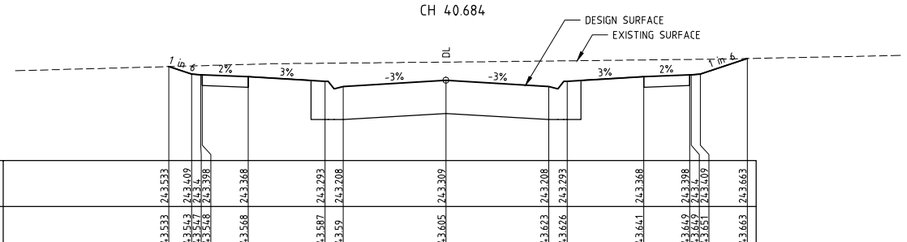
ALBION CRESCENT



DATUM RL242.000

DESIGN SURFACE	243.421	243.315	243.306	243.304	243.274	243.199	243.114	243.215	243.114	243.199	243.274	243.304	243.306	243.315	243.481														
EXISTING SURFACE	243.421	243.429	243.423	243.433	243.436	243.44	243.441	243.466	243.451	243.452	243.464	243.472	243.472	243.474	243.481														
OFFSET	-8.937	-8.300	-8.000	-7.950	-6.450	-3.950	-3.350	0.000	3.350	3.950	6.450	7.950	8.000	8.300	9.228														

CH 40.684



DATUM RL242.000

DESIGN SURFACE	243.533	243.409	243.398	243.398	243.368	243.293	243.208	243.309	243.208	243.293	243.368	243.398	243.398	243.409	243.663														
EXISTING SURFACE	243.533	243.543	243.547	243.548	243.568	243.587	243.559	243.605	243.623	243.626	243.641	243.649	243.649	243.651	243.663														
OFFSET	-9.043	-8.300	-8.000	-7.950	-6.450	-3.950	-3.350	0.000	3.350	3.950	6.450	7.950	8.000	8.300	9.826														

CH 26.000

MANNINGHAM STREET

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031094
Verified SL
Date 19/06/14
AN 1061290
Audited RCM
Date 03/10/14
AN 642337
Approved TL
Date 06/10/14
AN 883128
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 5
CROSS SECTIONS
SHEET 4 OF 4
Drawing No. 11725XS04 Rev 1
Sheet No. 15 AS CONSTRUCTED

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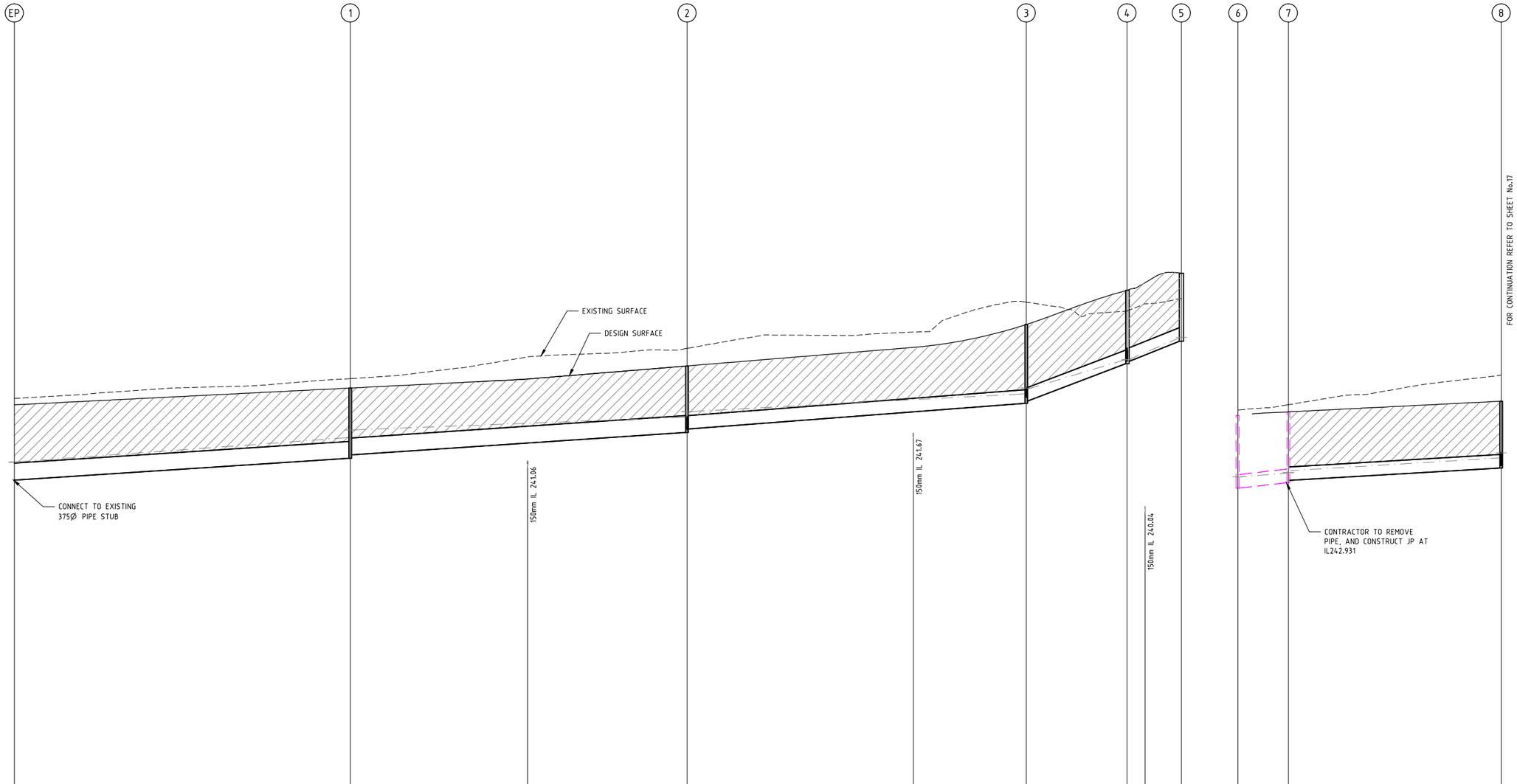
Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\00\11725XS31.dwg - 11725XS34
Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.cappiello--



VELOCITY (m/s)		1.534				1.618				1.492				1.704			1.575		1.727		1.340			
PIPE GRADE VELOCITY		1.487				1.475				1.368				3.036			3.036		1.638		1.190			
PIPE GRADE %		0.677%				0.667%				0.761%				3.704%			3.704%		1.087%		0.578%			
PIPE FLOW (m3/s)		0.169				0.125				0.071				0.013			0.010		0.073		0.076			
PIPE CAPACITY AT GRADE		0.164				0.163				0.097				0.215			0.215		0.116		0.084			
PIPE SIZE (mm)		375				375				300				300			300		EX.300		300			
DATUM	232.000																		234.000					
DEPTH TO INVERT	1.660	1.660		1.528	1.478			1.470	1.395				1.741	1.691		1.621	1.571	1.503	1.610	1.610	1.565	1.515		1.479
HYDRAULIC GRADE LINE	241.180			241.715	241.889			242.166	242.291				242.684	242.810 242.796		243.436	243.438 243.443	243.920	242.847		242.931	242.942 242.985		243.266	243.377
INVERT LEVEL	240.780	240.780		241.283	241.333		241.595	241.830	241.905		242.286		242.475	242.525		243.369	243.399	243.541	243.845	242.599	242.599	242.720	242.770		243.042
DESIGN SURFACE LEVEL	242.440	242.440		242.811				243.300					244.216			244.971			245.348	244.209		244.285			244.521
EXISTING SURFACE LEVEL	242.583			243.019				243.688					244.710			244.513			244.788	244.328		244.442			245.098
CHAINAGE	-74.252	74.252		0.000		74.448	39.198	74.448		75.000	124.448		149.448	22.250		171.698	175.282 3.024		183.722	0.000	11.148	11.148	47.052		58.200

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\80\11725DR01.dwg - 11725DR01
Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.capobianco--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031095
Verified SL
Date 19/06/14
AN 1061291
Audited RCM
Date 03/10/14
AN 642338
Approved TL
Date 06/10/14
AN 883129
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 CLASS 2 CRUSHED ROCK BACKFILL

AS CONSTRUCTED

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 5
DRAINAGE LONGITUDINAL SECTIONS
SHEET 1 OF 4
Drawing No. 11725DR01 Rev 1
Sheet No. 16 AS CONSTRUCTED

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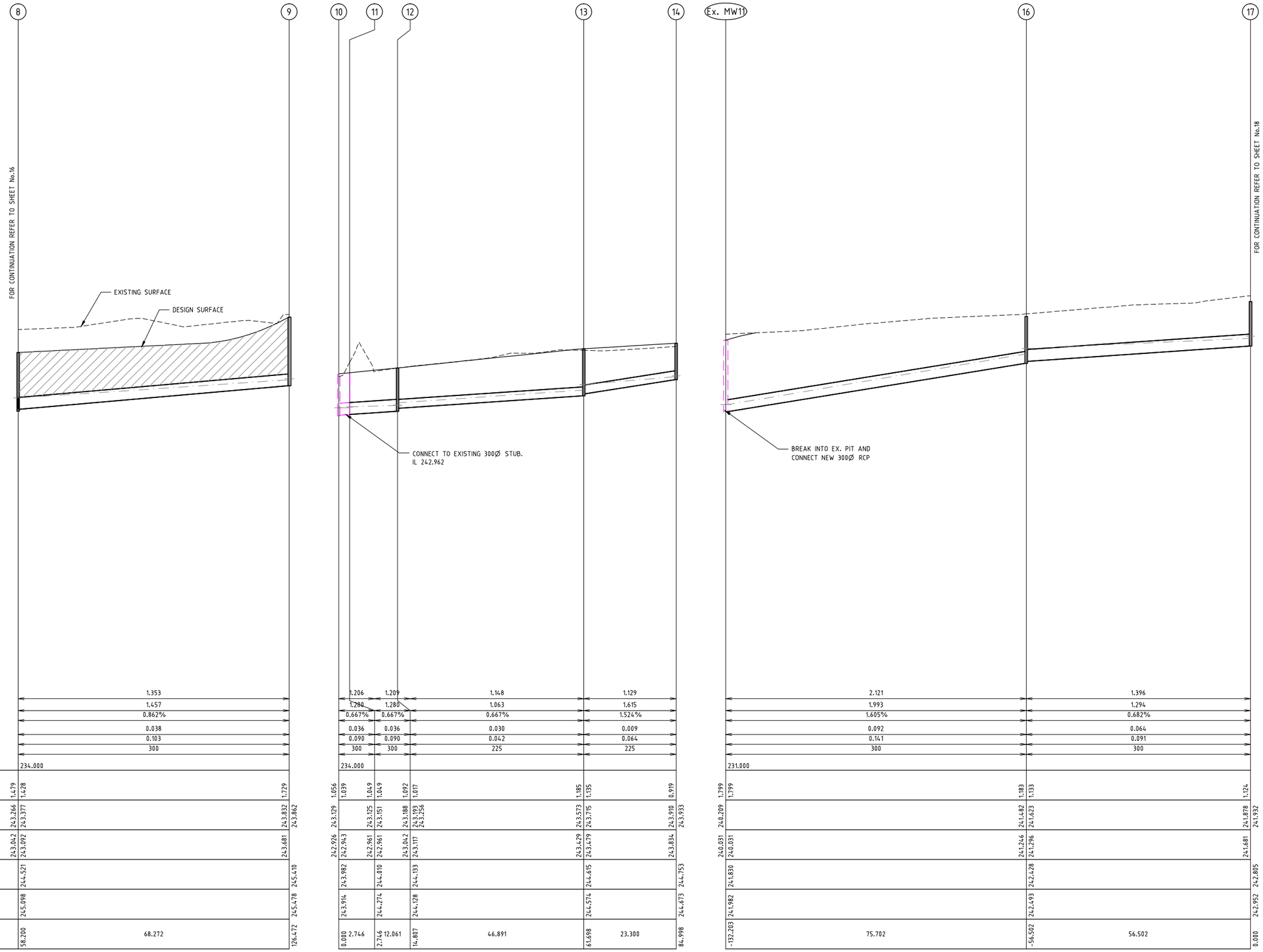

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Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.capobianco--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031096
Verified SL
Date 19/06/14
AN 1061292
Audited RCM
Date 03/10/14
AN 642339
Approved TL
Date 06/10/14
AN 883130
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 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
DRAINAGE LONGITUDINAL SECTIONS
SHEET 2 OF 4

Drawing No. 11725DR02 Rev 1
Sheet No. 17 AS CONSTRUCTED

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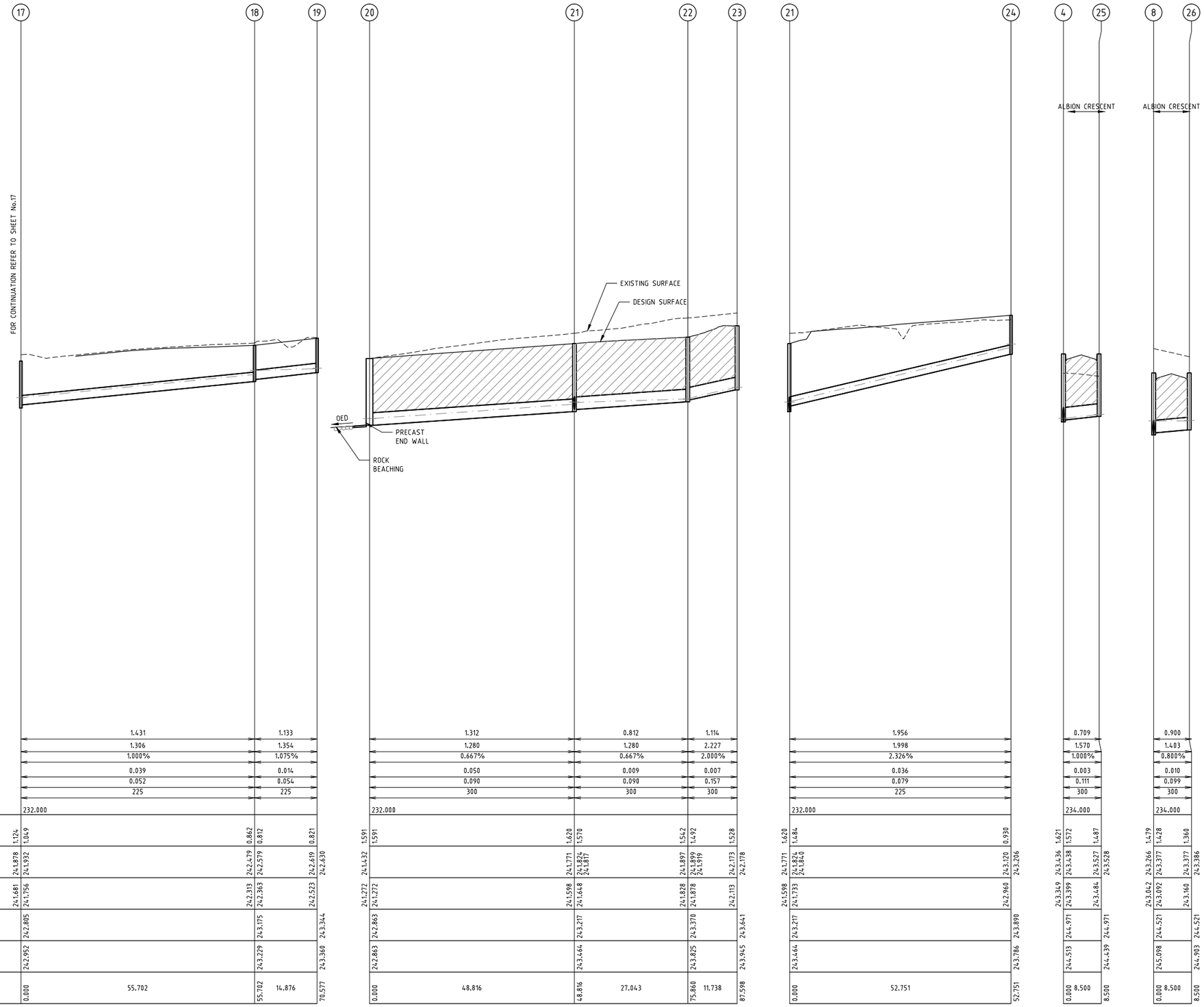

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\Acad\80\ 11725DR01.dwg - 11725DR03
Date/Time: Wed Feb 25, 2015 - 1:47pm --matthew.capobianco--

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031097
Verified SL
Date 19/06/14
AN 1061293
Audited RCM
Date 03/10/14
AN 642340
Approved TL
Date 06/10/14
AN 883131
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 CLASS 2 CRUSHED ROCK BACKFILL

AS CONSTRUCTED

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 5
DRAINAGE LONGITUDINAL SECTIONS
SHEET 3 OF 4
Drawing No. 11725DR03 Rev 1
Sheet No. 18 AS CONSTRUCTED

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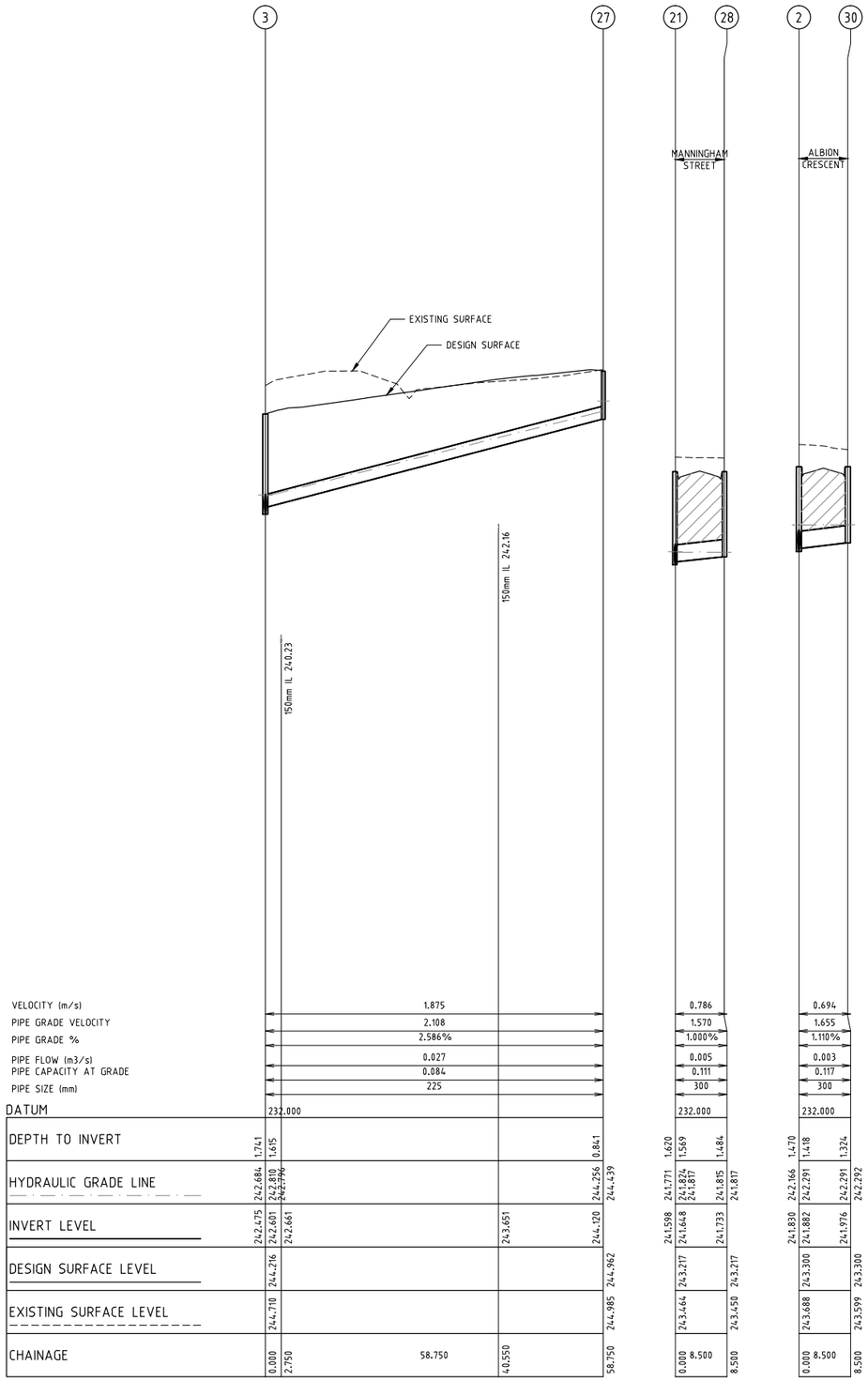
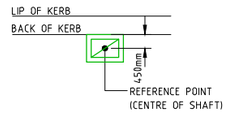


PIT SCHEDULE

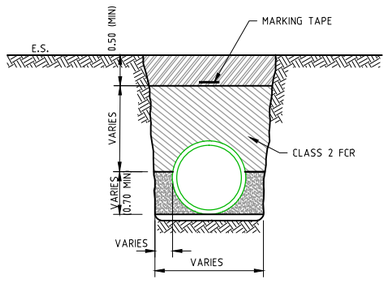
PIT		EASTING	NORTHING	INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE			WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
EP1	EP	315299.093	5843871.704			375	240.78			242.44	1.66	
1	GSEP	315289.976	5843798.014	600	900	375	241.333	375	241.283	242.811	1.528	REFER TO GAA STD DWG FIG.012
2	GSEP	315280.835	5843724.129	600	900	300	241.905	375	241.83	243.3	1.47	REFER TO GAA STD DWG FIG.012
						300	241.882					
3	GSEP	315271.626	5843649.697	600	900	300	242.525	300	242.475	244.216	1.741	REFER TO GAA STD DWG FIG.012
						225	242.601					
4	JP	315268.894	5843627.615	600	900	300	243.399	300	243.349	244.971	1.621	REFER TO GAA STD DWG FIG.014
						300	243.399					
5	GSEP	315259.589	5843620	600	900			300	243.845	245.348	1.503	REFER TO GAA STD DWG FIG.013
6	GSEP	315205.326	5843765.36	600	900	300	242.599			244.209	1.61	REFER TO GAA STD DWG FIG.013
7	JP	315203.957	5843754.297	600	900	300	242.77	300	242.72	244.285	1.565	REFER TO GAA STD DWG FIG.014
8	GSEP	315198.18	5843707.601	600	900	300	243.092	300	243.042	244.521	1.479	REFER TO GAA STD DWG FIG.012
						300	243.092					
9	GSEP	315189.797	5843639.845	600	900			300	243.681	245.41	1.729	REFER TO GAA STD DWG FIG.012
10	JP	315245.067	5843750.619	600	900	300	242.943			243.982	1.056	REFER TO GAA STD DWG FIG.014
11	TP	315244.184	5843748.018			300	242.961	300	242.961	244.01	1.049	
12	JP	315240.309	5843736.597	600	900	225	243.117	300	243.042	244.133	1.092	REFER TO GAA STD DWG FIG.014
13	JP	315234.551	5843690.061	600	900	225	243.479	225	243.429	244.615	1.185	REFER TO GAA STD DWG FIG.014
14	JP	315231.688	5843666.937	600	900			225	243.834	244.753	0.919	REFER TO GAA STD DWG FIG.014
15	MH1050	315349.512	5843908.794			300	240.031			241.83	1.799	
16	JP	315339.689	5843833.732	600	900	300	241.296	300	241.246	242.428	1.183	REFER TO GAA STD DWG FIG.014
17	JP	315332.342	5843777.71	600	900	225	241.756	300	241.681	242.805	1.124	REFER TO GAA STD DWG FIG.014
18	JP	315325.093	5843722.483	600	900	225	242.363	225	242.313	243.175	0.862	REFER TO GAA STD DWG FIG.014
19	JP	315310.33	5843724.309	600	900			225	242.523	243.344	0.821	REFER TO GAA STD DWG FIG.014
20	EW	315368.607	5843678.918			300	241.272			242.863	1.591	
21	GSEP	315320.141	5843684.755	600	900	300	241.648	300	241.598	243.217	1.62	REFER TO GAA STD DWG FIG.012
						225	241.733					
						300	241.648					
22	GSEP	315293.302	5843688.076	600	900	300	241.878	300	241.828	243.37	1.542	REFER TO GAA STD DWG FIG.012
23	GSEP	315284.046	5843680.857	600	900			300	242.113	243.641	1.528	REFER TO GAA STD DWG FIG.012
24	JP	315313.276	5843632.452	600	900			225	242.96	243.89	0.93	REFER TO GAA STD DWG FIG.014
25	GSEP	315277.33	5843626.571	600	900			300	243.484	244.971	1.487	REFER TO GAA STD DWG FIG.012
26	GSEP	315206.616	5843706.557	600	900			300	243.16	244.521	1.36	REFER TO GAA STD DWG FIG.012
27	JP	315213.32	5843656.91	600	900			225	244.12	244.962	0.841	REFER TO GAA STD DWG FIG.014
28	GSEP	315321.247	5843693.183	600	900			300	241.733	243.217	1.484	REFER TO GAA STD DWG FIG.012
29	GSEP	315289.27	5843723.086	600	900			300	241.976	243.3	1.324	REFER TO GAA STD DWG FIG.012



PIT SETOUT POINT

SCALE 1:100

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



TYPICAL PIPE TRENCH DETAIL

UNDER NEW PAVEMENT
SCALE 1:50

AS CONSTRUCTED

DENOTES CLASS 2 CRUSHED ROCK BACKFILL

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031098
Verified SL
Date 19/06/14
AN 1061294
Audited RCM
Date 03/10/14
AN 642341
Approved TL
Date 06/10/14
AN 883132
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 5
DRAINAGE LONGITUDINAL SECTIONS
SHEET 4 OF 4
Drawing No. 11725DR04 Rev 1
Sheet No. 19 AS CONSTRUCTED

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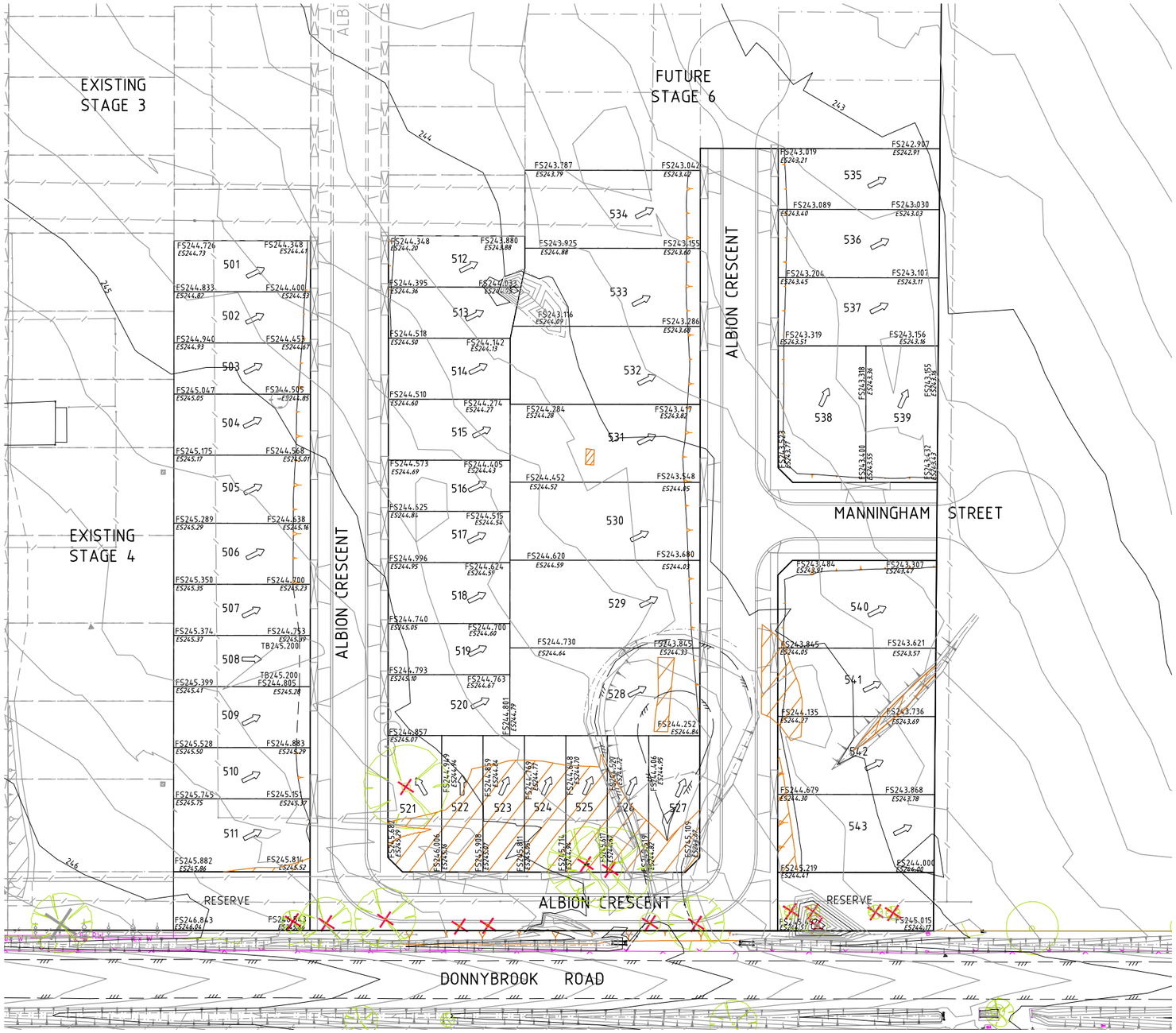
E info@dceprofile.com

Drawing File: G:\Designdata\11700\11725-MERRIFIELD - Precinct 1 - Stage 5\dcad\80\
11725DR01.dwg - 1772SDR04
Date/Time: Wed Feb 25, 2015 - 1:47pm ---matthew.copdo---



DANGER
OVERHEAD ELECTRICITY TRANSMISSION LINES. CONTRACTOR TO EXERCISE EXTREME CAUTION WHEN OPERATING IN THE VICINITY OF THESE LINES. THE CONTRACTOR MUST ADHERE TO ALL "NO GO ZONE" REQUIREMENTS OF THE POWER AUTHORITY.

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.

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031099
Verified SL
Date 19/06/14
AN 1061295
Audited RCM
Date 03/10/14
AN 642342
Approved TL
Date 06/10/14
AN 883133
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 5
FILL PLAN

Drawing No. 11725FP01 Rev 1
Sheet No. 20 AS CONSTRUCTED

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PLAN OF SUBDIVISION

LV use only	Plan Number
EDITION	PS 714645V

Location of Land

Parish: MICKLEHAM

Township: –
Section: –
Crown Allotment: –
Crown Portion: 24 (PART)

Title Reference: VOL FOL

Last Plan Reference: LOT D PS714643A

Postal Address: DONNYBROOK ROAD
(at time of subdivision) MICKLEHAM 3064

MGA 94 Co-ordinates (of approx. centre of land in plan) E 314920 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

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

LAND SUBDIVIDED (EXCLUDING LOT E) - 2.363ha

LOTS 1 TO 500 (BOTH INCLUSIVE) AND LOTS A TO D (BOTH INCLUSIVE) HAVE BEEN OMITTED FROM THIS PLAN

EASEMENTS E-7, E-8, E-9 AND E-12 HAVE BEEN OMITTED FROM THIS PLAN

TANGENT POINTS ARE SHOWN THUS:

OTHER PURPOSES OF PLAN

TO REMOVE THOSE PARTS OF EASEMENTS E-2, E-3, E-11 AND E-14 ON PS714643A NOW CONTAINED IN ALBION CRESCENT ON THIS PLAN.

TO VARY THOSE PARTS OF EASEMENT E-3 ON PS714643A CONTAINED IN LOTS 521, 532, 533 AND 534 ON THIS PLAN

GROUNDS FOR REMOVAL/VARIATION OF EASEMENTS

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	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	PS714640G	HUME CITY COUNCIL
E-2	SEWERAGE	SEE DIAG	PS714640G	YARRA VALLEY WATER CORPORATION
E-3	DRAINAGE	SEE DIAG	PS714641E	HUME CITY COUNCIL
E-3	SEWERAGE	SEE DIAG	PS714641E	YARRA VALLEY WATER CORPORATION
E-4	DRAINAGE	SEE DIAG	PS711404L	HUME CITY COUNCIL
E-5	DRAINAGE	SEE DIAG	THIS PLAN	HUME CITY COUNCIL
E-5	SEWERAGE	SEE DIAG	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-6	TRANSMISSION OF ELECTRICITY	SEE DIAG	C/E AL349952C	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-10	DRAINAGE	SEE DIAG	PS714640G	HUME CITY COUNCIL
E-11	TRANSMISSION OF ELECTRICITY	SEE DIAG	C/E AL349952C	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-13	TRANSMISSION OF ELECTRICITY	SEE DIAG	C/E AL349952C	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-13	DRAINAGE	SEE DIAG	PS711404L	HUME CITY COUNCIL

MERRIFIELD – 5
43 LOTS AND BALANCE LOT E

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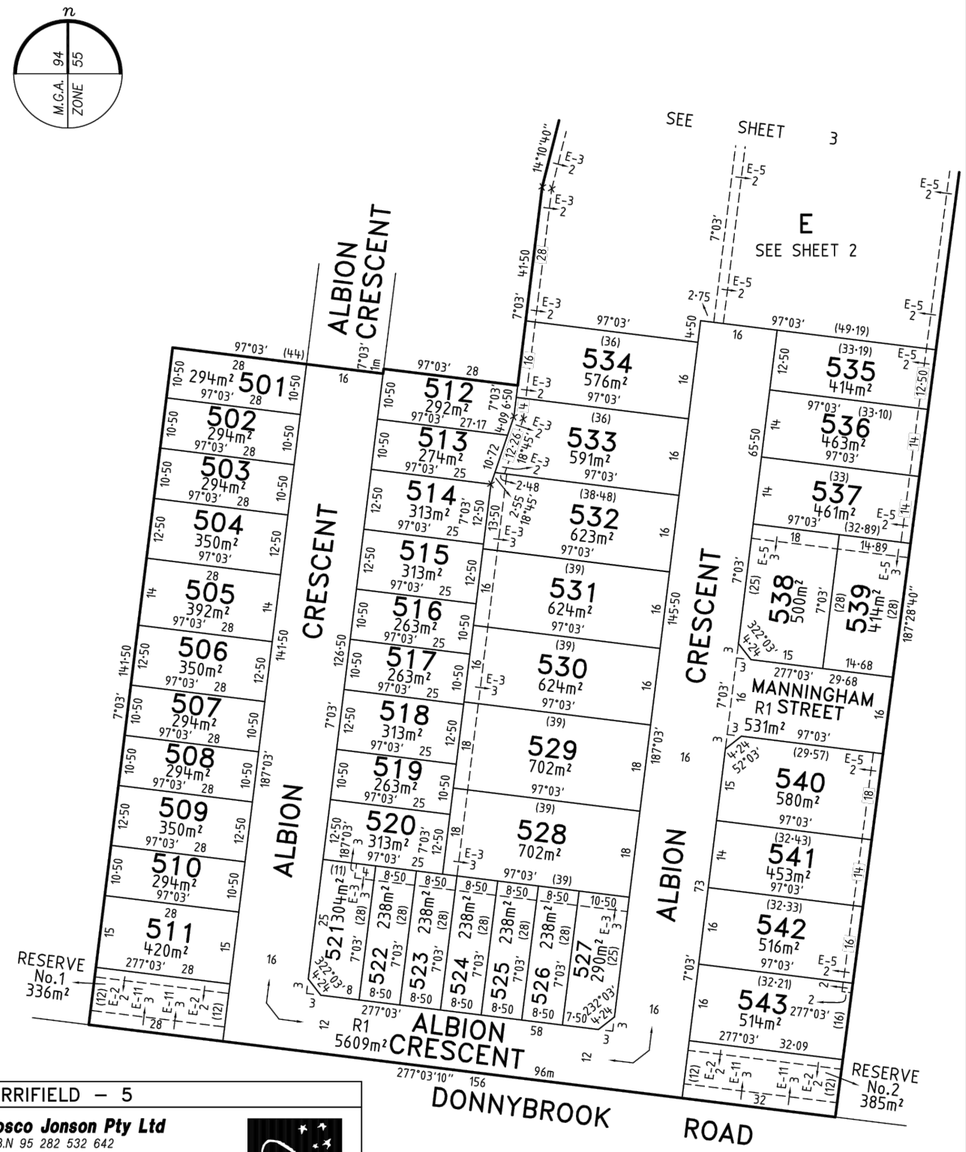
16 Eastern Road South Melbourne
Vic 3205 Australia
Tel 03) 9699 1400 Fax 03) 9699 5992

LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER
SIGNATURE DIGITALLY SIGNED DATE / /
REF 29005053 23/09/14 VERSION N
DWG 2900505AN

Sheet 1 of 7 sheets
Original sheet size A3

PLAN OF SUBDIVISION

Plan Number
PS 714645V



MERRIFIELD – 5

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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

LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER
SIGNATURE DIGITALLY SIGNED DATE / /
REF 29005053 23/09/14 VERSION N
DWG 2900505AN

Sheet 4

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REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	19/02/15	TL
0	CONSTRUCTION ISSUE	07/10/14	TL

Drawn HT Date 04/02/13
Designed DT
Date 26/05/14
AN 1031100
Verified SL
Date 19/06/14
AN 1061296
Audited RCM
Date 03/10/14
AN 642343
Approved TL
Date 06/10/14
AN 883134
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

merrifield
MAB GPC

Coords: MGA
Levels: AHD

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 5
PLAN OF SUBDIVISION

Drawing No. 11725POS01 Rev 1
Sheet No. 21 AS CONSTRUCTED

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AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
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AN 642344
Approved TL
Date 06/10/14
AN 883135
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
- 245 — EXISTING CONTOURS (INTERVAL 1.0m MAJOR CONTOURS)

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 5
EXISTING FEATURES PLAN

Drawing No. 11725EF01 Rev 1
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