

MERRIFIELD DEVELOPMENT

STAGE 14

DONNYBROOK ROAD, MICKLEHAM

HUME CITY COUNCIL

FOR

merrifield



CIVIL DRAWINGS

ROAD AND DRAINAGE

AS CONSTRUCTED

DCE REF : 11734



ABN 78 429 221 049
VICTORIA
T 61 3 9888 6866
W dceng.com.au
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

Drawing File: G:\design\daa\11700\11734-merrifield - precinct 1 - stage 14\locad\RD\11734TD01.dwg - 11734TD01
Date/Time: Fri Apr 22, 2016 - 12:02pm -- Byronshade --

HUME CITY COUNCIL GENERAL NOTES:

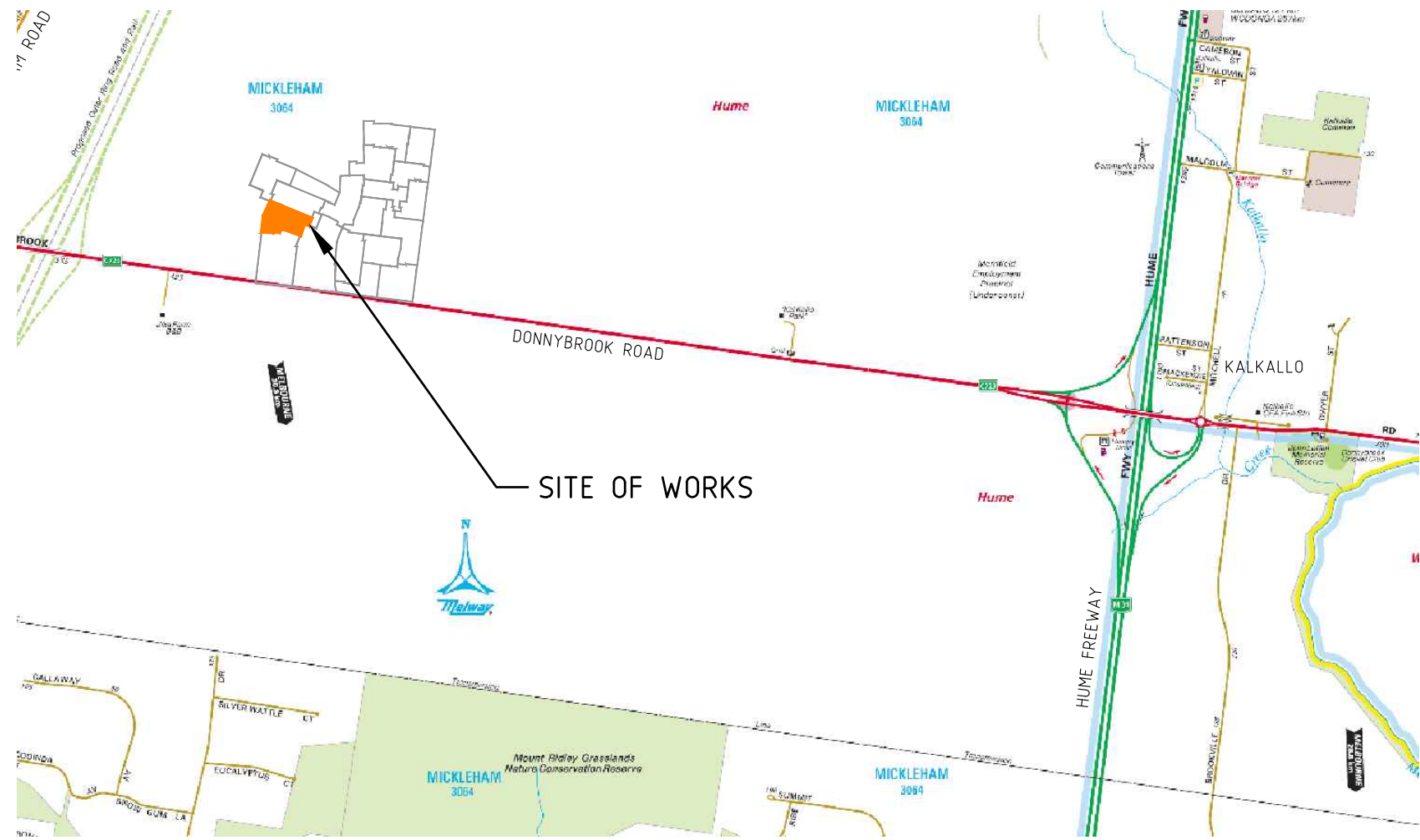
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS4000 AMENDED GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED HUME CITY COUNCIL SPECIFICATION AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 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.
- 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.
- PRIOR TO ALL COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, HAVE BEEN AND WILL BE COMPLIED WITH.
- 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.
- 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.
- 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
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA).
- 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.
- 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.
- FILLING TO COMPLY WITH AS3798-2007 LEVEL 1 (OR 2) AS SPECIFIED.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE/FENCES AND FOR ANY RETAINING WALLS OVER 1.0M IN HEIGHT.
- 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.
- 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.
- FOOTPATHS TO BE OFFSET 50mm FROM THE TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.

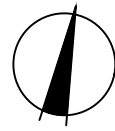
- ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450MM LONG Y20 DOWEL BARS @ 600 CENTERS, UNLESS OTHERWISE SPECIFIED.
- ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
- ALL SERVICE CONDUITS TRENCHES 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.
- 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.
- WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
- ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 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.
- 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.
- 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.
- 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.
- 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.
- AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
- 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.
- 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.
- ALL LINEMARKING PAINT SHALL BE LONG LIFE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING GILD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
- ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND COMPLY WITH THE REQUIREMENTS OF AS1743-2001.
- 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.
- 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.
- 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.

GENERAL NOTES:

- ALL BLOCKS ARE TO SURFACE GRADE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW SIDE BOUNDARY TO THE POINT OF DISCHARGE.
- ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- 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.
- 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.
- LIP OF ALL KERB RADI ARE 8.60m UNLESS OTHERWISE SHOWN.
- 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.
- 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.
- 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.
- THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD.
- 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.
- 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.
- PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH COUNCIL STANDARDS.
- ASPHALT FILLETS/RAMPS ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- ALL EASEMENTS ARE 2.0m OR 3.0m WIDE DRAINAGE AND SEWERAGE EASEMENTS UNLESS OTHERWISE SHOWN.
- CENTRELINES OF ALL SEWERS ARE OFFSET 1.2m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- 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.
- ALL SIDE ENTRY PITS EXCEPT THOSE AT LOW POINTS ARE TO HAVE FLUTES AS SPECIFIED IN THE COUNCIL STANDARD DRAWINGS.
- 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.
- 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.
- 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.
- 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
- ELECTRICITY CONDUITS ARE TO BE LAID WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS :
UNDER ROADS - 0.90m
ELSEWHERE - 0.60m
- 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



DRAWING INDEX		
SHEET NO.	DRAWING NO.	DESCRIPTION
01	11734TD01	LOCALITY PLAN, INDEX AND NOTES
02	11734TD02	TYPICAL SECTIONS AND DETAILS
03	11734SP01	STAGING PLAN
04	11734DP01	DETAIL PLAN
05	11734SOP01	SETOUT DETAILS
06-07	11734ID01-02	INTERSECTION DETAILS - SHEETS 01 TO 02
08-09	11734LS01-02	LONGITUDINAL SECTIONS - SHEETS 01 TO 02
10-12	11734XS01-03	CROSS SECTIONS - SHEETS 01 TO 03
13-16	11734DR01-04	DRAINAGE LONGITUDINAL SECTIONS - SHEETS 01 TO 04
17-19	11734POS01-03	PLAN OF SUBDIVISION - SHEETS 01 TO 03
20	11734FP01	FILL PLAN
21	11734EF01	EXISTING FEATURES

				Drawn K.PHAL Date 25/06/15 AN 1871001 Designed K.PHAL Date 25/06/15 AN 1871001 Verified S.LEA Date 25/06/15 AN 1061635 Audited T.OBOUHOFF Date 16/11/15 AN 912606 Approved T.LIAKOPOULOS Date 17/11/15 AN 884788
1	AS CONSTRUCTED	22/04/16	TL	
0	CONSTRUCTION ISSUE	17/11/15	TL	
REV	AMENDMENTS	DATE	APP'D	

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 14
LOCALITY PLAN, INDEX AND NOTES

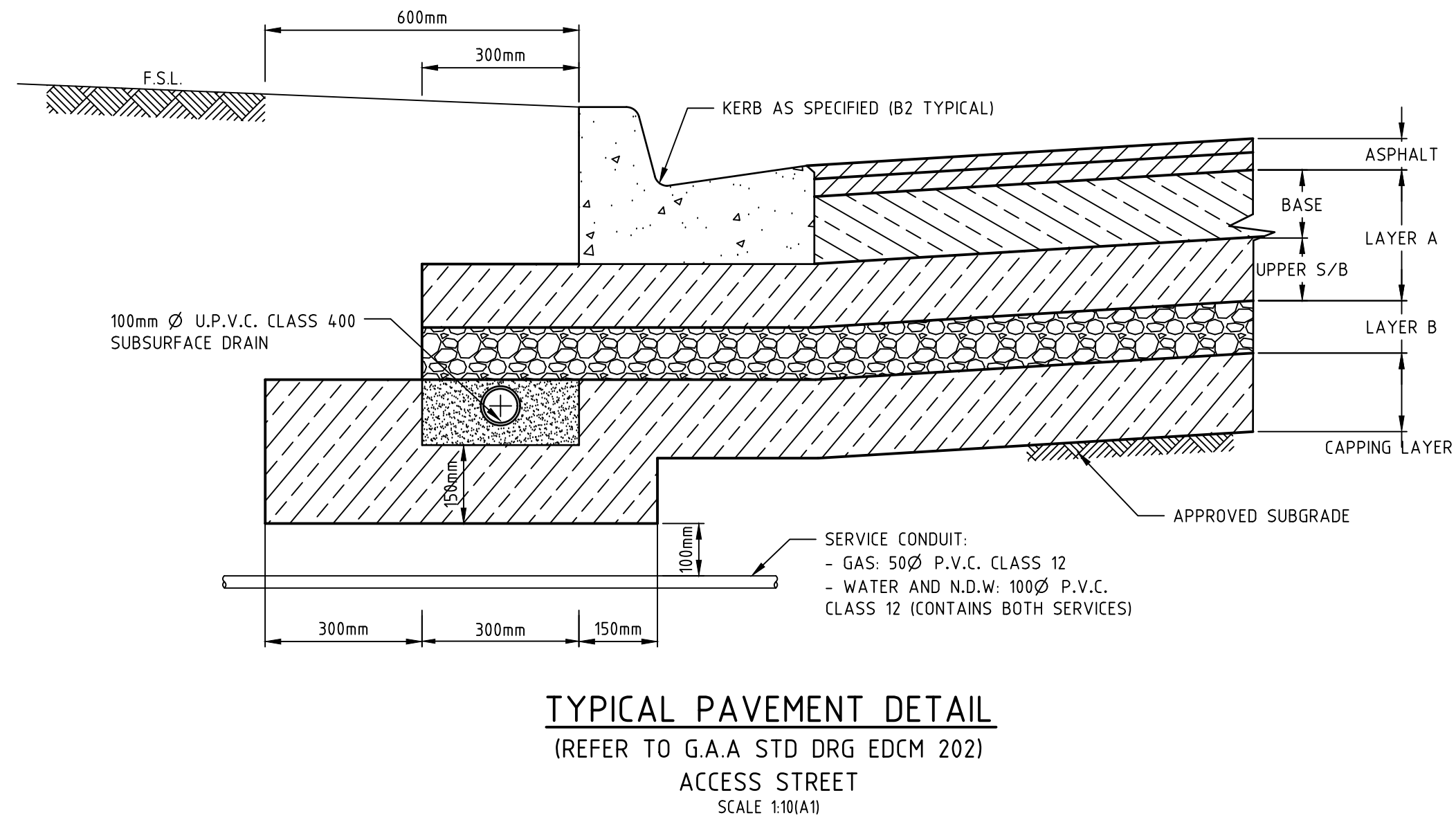
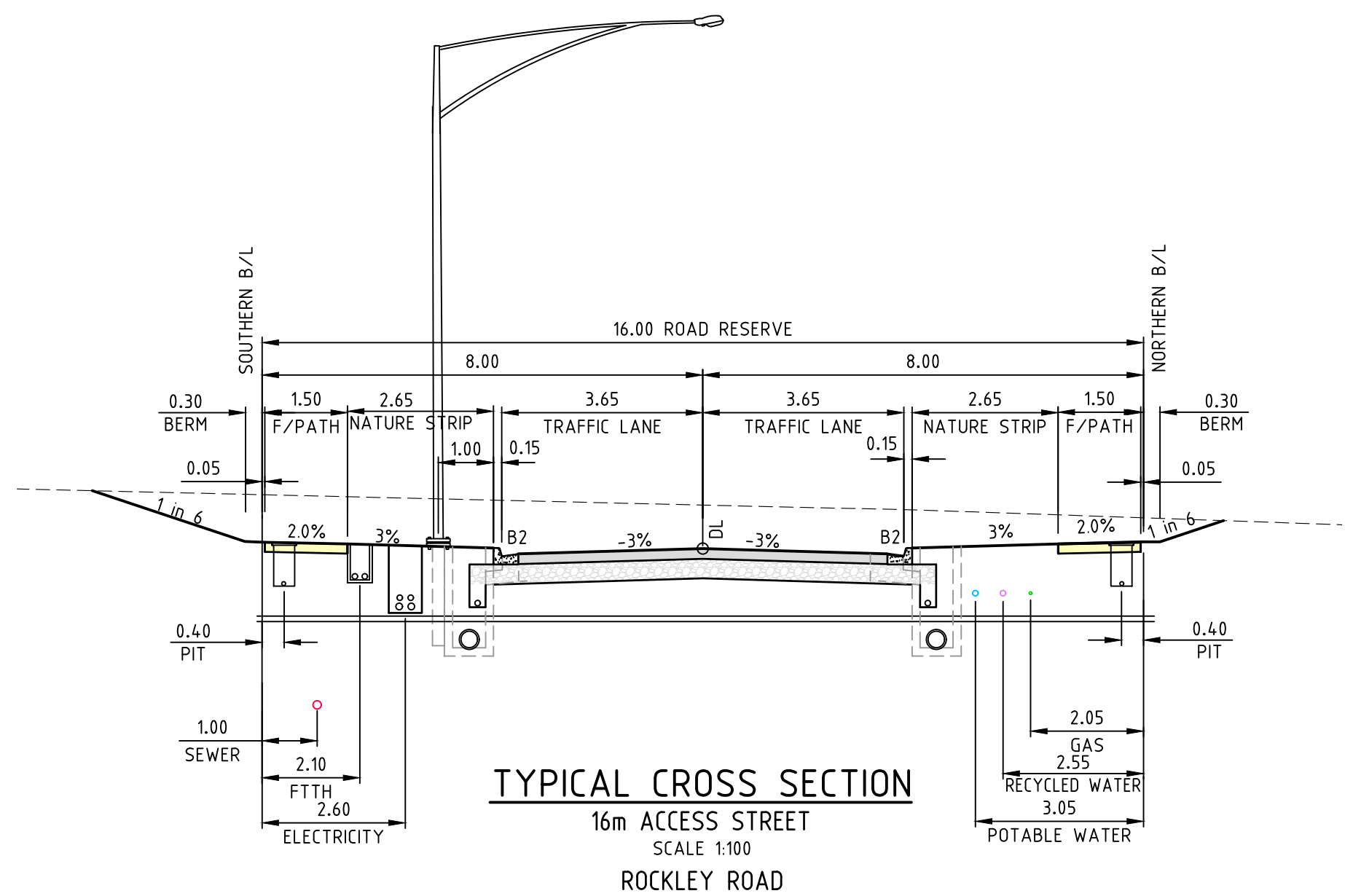
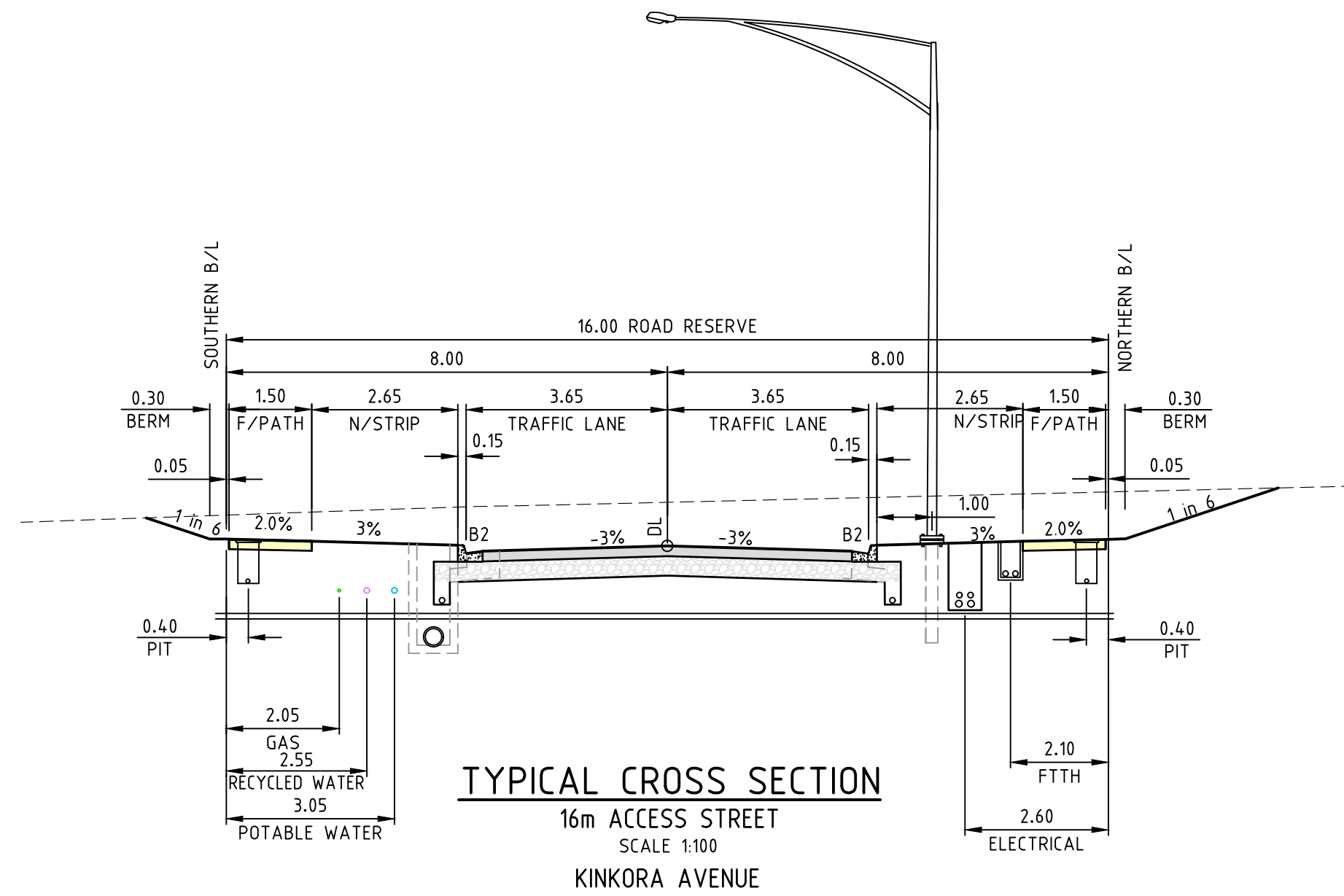
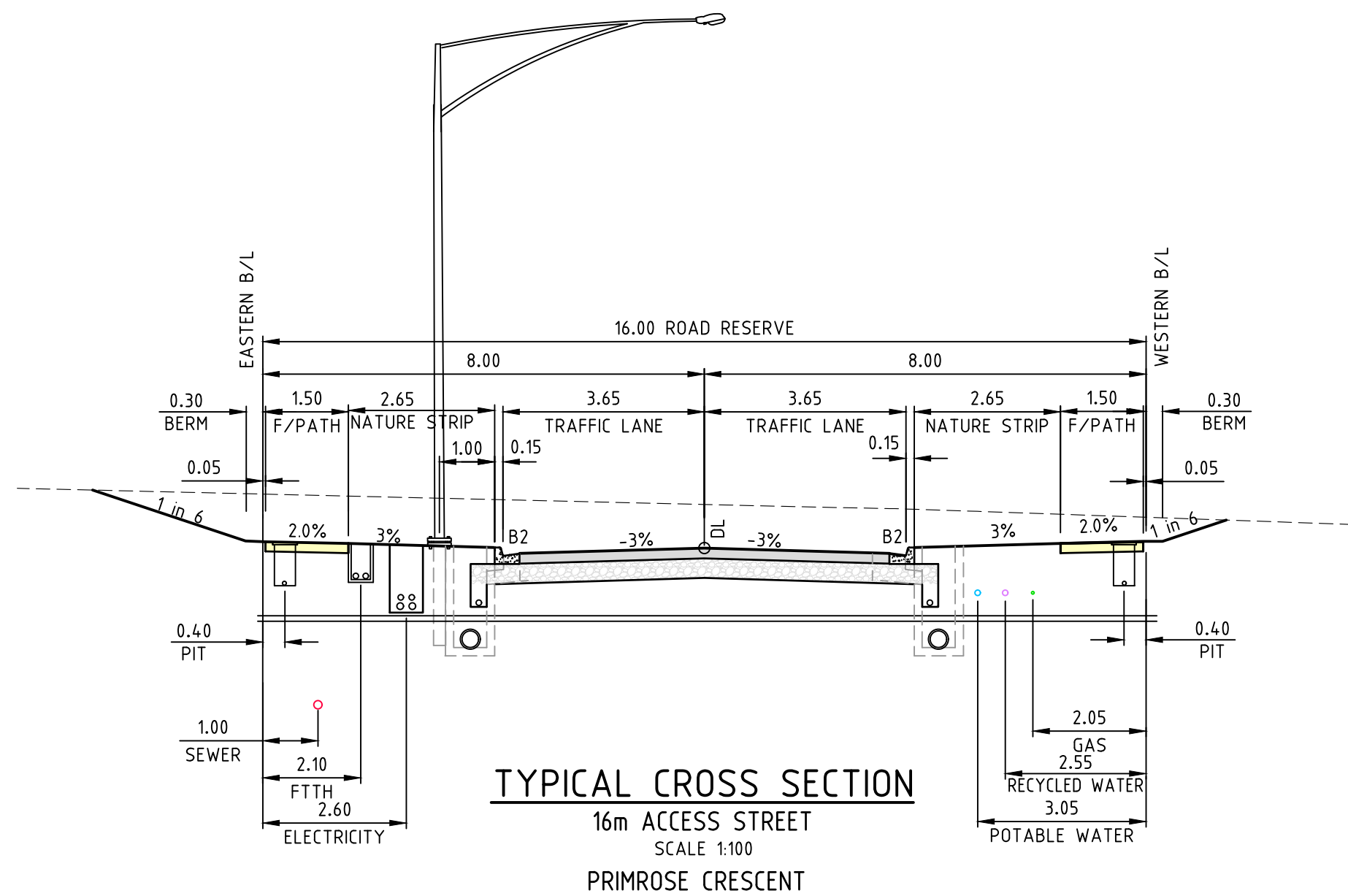
Drawing No. 11734TD01 Rev 1
Sheet No. 01 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

DALTON CONSULTING ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

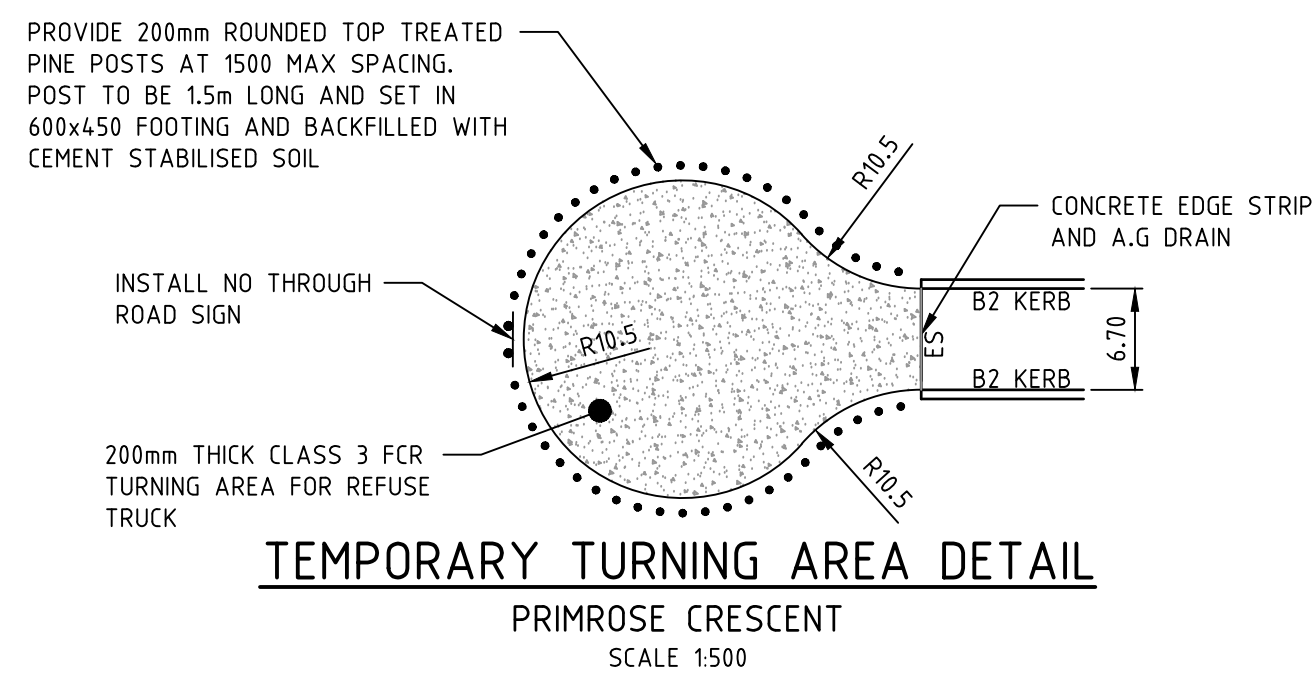
Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\road\RD\11734TD02.dwg - 11734TD02
Date/Time: Fri Apr 22, 2016 - 12:02pm - ByronShade



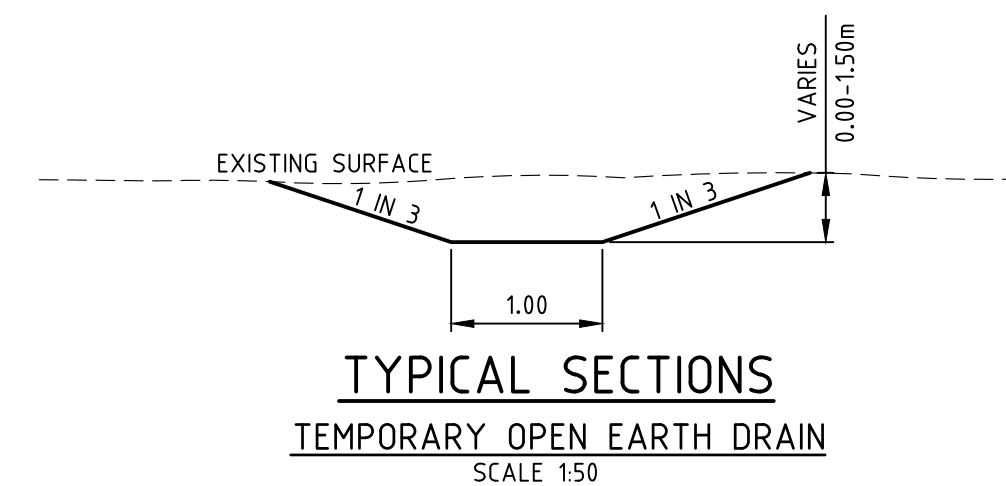
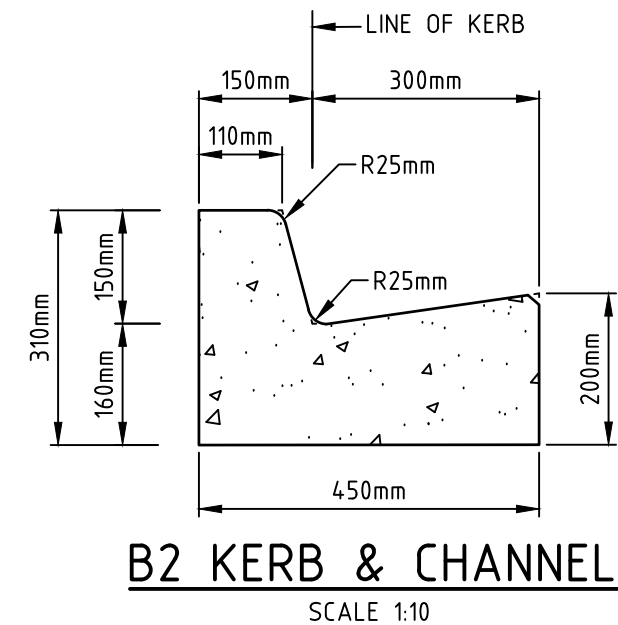
PAVEMENT DETAILS

ACCESS STREETS / PLACES	
PRIMROSE CRESCENT / KINKORA AVENUE & ROCKLEY ROAD	
ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N ASPHALT BASE COURSE 30mm SIZE 10mm TYPE N ASPHALT INTERLAYER 10mm SAMI TREATMENT PRIME OR PRIMER SEAL
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	570mm
SUBGRADE	SUBGRADE CBR >= 2%

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



EDGE STRIP
SCALE 1:10



REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL

Drawn K.PHAL
Date 25/06/15
AN 1871002
Designed K.PHAL
Date 25/06/15
AN 1871002
Verified S.LEA
Date 25/06/15
AN 1061836
Audited T.OBOUHOFF
Date 16/11/15
AN 912607
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884789

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

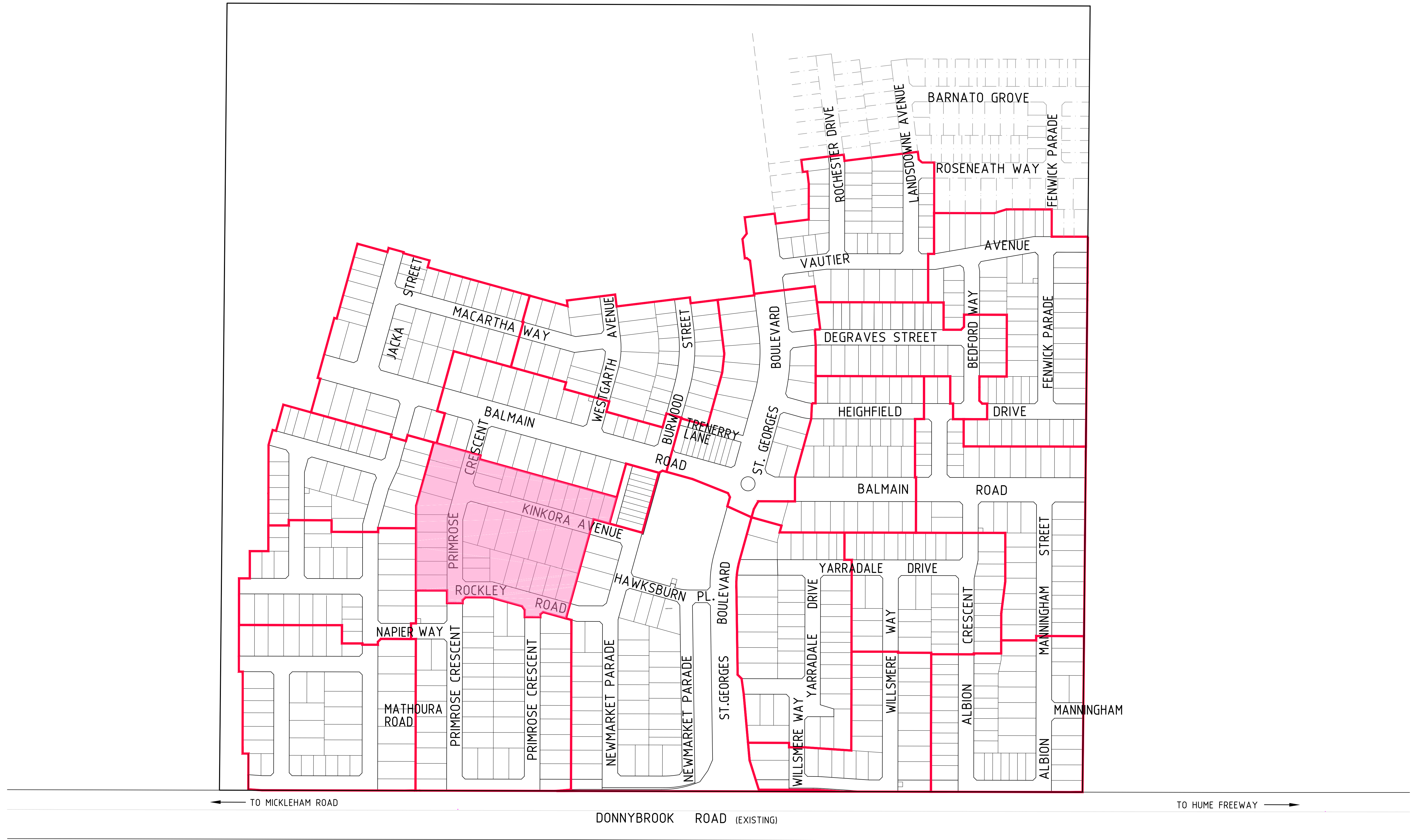
merrifield
MAB gpc
Coords: MGA
Levels: AHD
Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
TYPICAL SECTIONS AND DETAILS

Drawing No. 11734TD02 Rev 1
Sheet No. 02 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

DALTON CONSULTING ENGINEERS
ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au
VICTORIA
T 61 3 9888 6866
W dceng.com.au

Drawing File: G:\design\11734-merrifield - precinct 1 - stage 14\cad\RD\11734SP01.dwg - 11734SP01
Date/Time: Fri Apr 22, 2016 - 12:02pm --byron.shade--

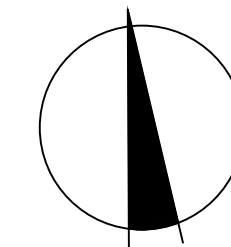


1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871003
Designed K.PHAL
Date 25/06/15
AN 1871003
Verified S.LEA
Date 25/06/15
AN 1061837
Audited T.OBOUHOFF
Date 16/11/15
AN 912608
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884790

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 1:2000 0m 20m 40m 80m 120m
Scale @ A1/A3 1:2000/1:4000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
STAGING PLAN

Drawing No. 11734SP01 Rev 1
Sheet No. 03 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



VICTORIA
T 61 3 9888 6866
W dceng.com.au

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

ABN 78 429 221 049

Downing File: G:\design\11734\merrifield - precinct 1 - stage 14\koad\RD\11734DP01.dwg - 11734DP01
Date/Time: Fri Apr 22, 2016 - 12:02pm - ByronShade

FUTURE DEVELOPMENT

EXISTING STAGE 15

EXISTING STAGE 1

FUTURE STAGE 16

AS CONSTRUCTED

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.

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.

TABLE OF SERVICES LOCATIONS

STREET NAME	WATER	NO-WATER	GAS	TELSTRA	ELEC.	SEWER	POLES	BOK
PRIMROSE CRESCENT (WEST)	3.05 W	2.55 W	2.05 W	2.00 E	2.60 E	1.00 E	-	4.20
PRIMROSE CRESCENT (EAST)	3.05 E	2.55 E	2.05 E	2.10 W	2.60 W	-	-	4.20
KINKORA AVENUE	3.05 S	2.55 S	2.05 S	2.00 N	2.60 N	-	-	4.20
ROCKLEY ROAD	3.05 N	2.55 N	2.05 N	1.85 S	2.60 S	1.00 S	-	4.20

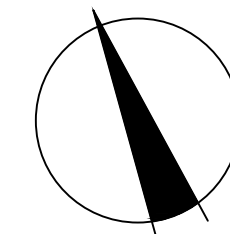
REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	22/04/16	TL
2	LOT 1418 CROSS OVER AMENDED	24/02/16	TL
1	LOT 1405 CROSSOVER AMENDED	22/12/15	TL
0	CONSTRUCTION ISSUE	17/11/15	TL

Drawn K.PHAL
Date 25/06/15
AN 1871004
Designed K.PHAL
Date 25/06/15
AN 1871004
Verified S.LEA
Date 25/06/15
AN 1061838
Audited T.OBOUHOFF
Date 16/11/15
AN 912609
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884791

Ex W - EXISTING WATER MAIN
Ex G - EXISTING GAS MAIN
Ex E - EXISTING ELECTRICAL CABLE
Ex S - EXISTING SEWER MAIN & MANHOLE
Ex T - EXISTING TELECOMM. CABLE AND PIT
Ex V - EXISTING ELEC. POLE & O'HEAD LINES
Ex P - EXISTING STORMWATER DRAIN & PIT
Ex C - EXISTING PRE DEVELOPMENT
Ex T - EXISTING TREES TO BE REMOVED
Ex F - EXISTING FINISHED SURFACE LEVEL
Ex O - EXISTING OPEN EARTH DRAIN (O.E.D.)

LEGEND
300Ø BRANCH SEWER MAIN
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

W - WATER
RW - RECYCLED WATER
T - TELECOMMUNICATIONS
E - ELECTRICITY
G - GAS
S - STREET NAME SIGN
R - REGRADE LOT AT MIN 1 IN 150
P - ASPHALT PAVEMENT
C - CONC FOOTPATH / DRIVEWAY
L - LIMIT OF WORKS
F - FINISHED SURFACE CONTOUR
FILLING OVER 200mm



merrifield
MAB gpc

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

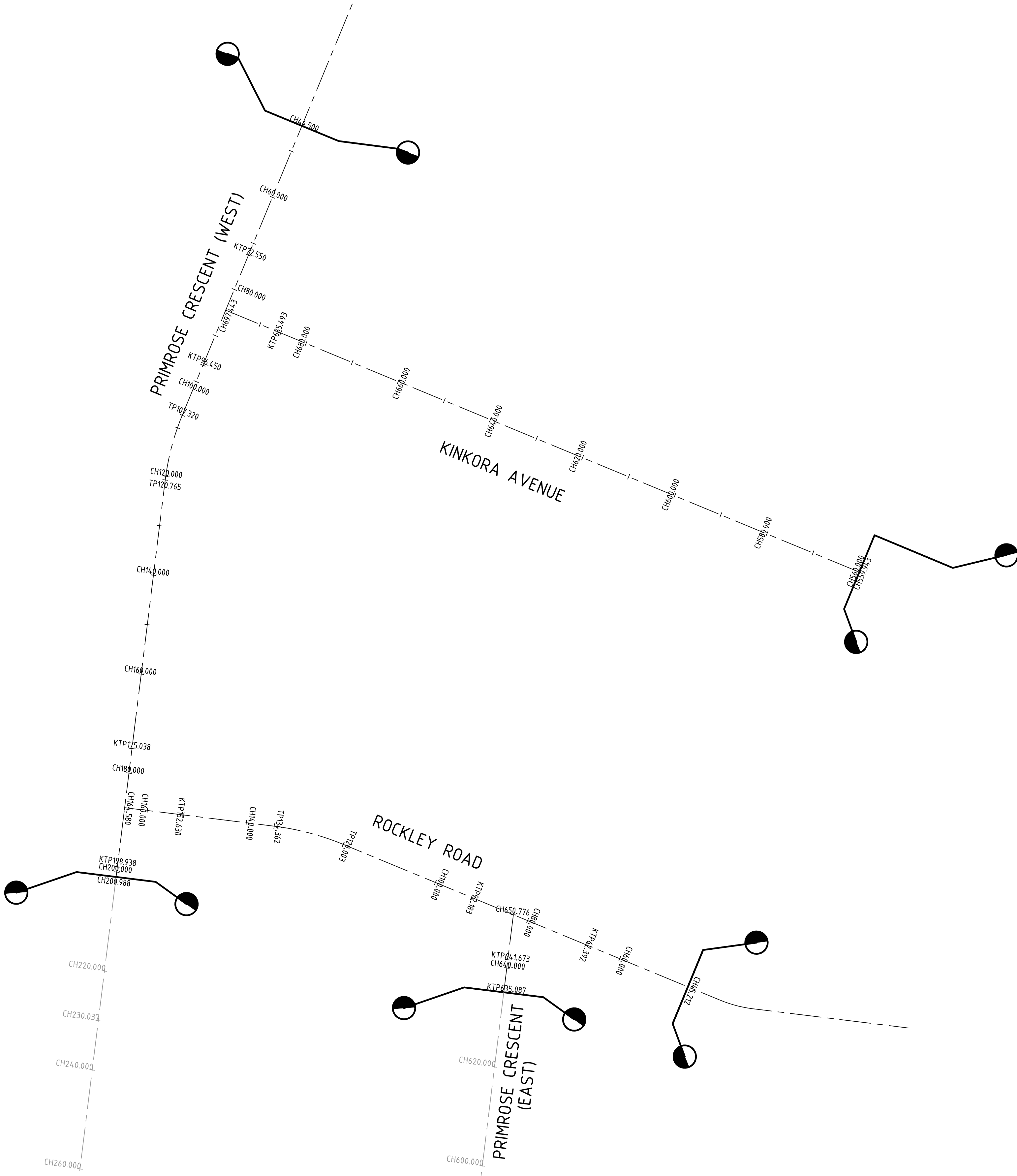
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
DETAIL PLAN

Drawing No. 11734DP01 Rev 3
Sheet No. 04 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

DALTON CONSULTING ENGINEERS
ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

Drawing File: C:\designdata\11734\11734-merrifield - precinct 1 - stage 14\loc\RD\11734SOP01.dwg - 11734SOP01
Date/Time: Fri Apr 22, 2016 - 12:02pm --ByronShode--



HORIZONTAL ALIGNMENT REPORT FOR KINKORA AVENUE

POINT TYPE	CHAINAGE	CO-ORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
STRAIGHT	500.000	314874.664	5843901.134	246.930	22°27'34.26"	-12.500
CURVE	520.000	314877.427	5843920.079	246.950	331°09'30.44"	
STRAIGHT	540.000	314860.572	5843930.016	247.120	292°27'34.26"	
INTERSECTION POINT	559.943	314842.142	5843937.635	247.289	292°27'34.26"	
STRAIGHT	560.000	314842.089	5843937.657	247.289	292°27'34.26"	-12.500
STRAIGHT	580.000	314823.606	5843945.298	247.403	292°27'34.26"	
STRAIGHT	600.000	314805.123	5843952.938	247.516	292°27'34.26"	
STRAIGHT	620.000	314786.640	5843960.579	247.630	292°27'34.26"	
STRAIGHT	640.000	314768.157	5843968.219	247.743	292°27'34.26"	-12.500
STRAIGHT	660.000	314749.674	5843975.860	247.856	292°27'34.26"	
STRAIGHT	680.000	314731.191	5843983.501	247.970	292°27'34.26"	
INTERSECTION POINT	697.443	314715.071	5843990.164	248.150	292°27'34.26"	

HORIZONTAL ALIGNMENT REPORT FOR PRIMROSE CRESCENT (WEST)

POINT TYPE	CHAINAGE	CO-ORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	0.000	314768.928	5843870.514	248.033	187°03'10.00"	-50.000
STRAIGHT	20.000	314739.712	5844049.772	247.828	202°27'34.26"	
STRAIGHT	40.000	314732.072	5844031.289	247.928	202°27'34.26"	
INTERSECTION POINT	44.500	314730.353	5844027.130	247.950	202°27'34.26"	
STRAIGHT	60.000	314724.431	5844012.806	248.028	202°27'34.26"	-50.000
STRAIGHT	80.000	314716.791	5843994.323	248.128	202°27'34.26"	
STRAIGHT	100.000	314709.150	5843975.840	248.228	202°27'34.26"	
TANGENT-CURVE	107.320	314706.354	5843969.076	248.264	202°27'34.26"	
CURVE	110.000	314705.397	5843966.572	248.278	199°23'17.16"	-50.000
CURVE	115.000	314703.975	5843961.781	248.303	193°39'30.68"	
CURVE	120.000	314703.039	5843956.871	248.328	187°55'44.20"	
CURVE-TANGENT	120.765	314702.939	5843956.113	248.331	187°03'10.00"	
STRAIGHT	140.000	314700.578	5843937.023	248.427	187°03'10.00"	-50.000
STRAIGHT	160.000	314698.122	5843917.175	248.527	187°03'10.00"	
STRAIGHT	180.000	314695.667	5843897.329	248.627	187°03'10.00"	
STRAIGHT	200.000	314693.211	5843877.480	248.727	187°03'10.00"	
STRAIGHT	200.988	314693.089	5843876.497	248.732	187°03'10.00"	-50.000
STRAIGHT	220.000	314690.755	5843857.631	248.828	187°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR PRIMROSE CRESCENT (EAST)

POINT TYPE	CHAINAGE	CO-ORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
STRAIGHT	620.000	314768.984	5843838.386	248.130	7°03'10.00"	-53.400
STRAIGHT	635.087	314770.837	5843853.359	248.055	7°03'10.00"	
STRAIGHT	640.000	314771.440	5843858.235	248.030	7°03'10.00"	
INTERSECTION POINT	650.776	314772.763	5843868.929	248.100	7°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR ROCKLEY ROAD

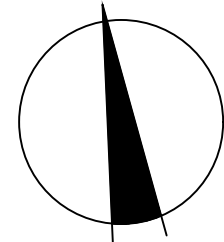
POINT TYPE	CHAINAGE	CO-ORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
INTERSECTION POINT	45.212	314807.759	5843854.462	247.842	292°27'34.26"	-53.400
STRAIGHT	60.000	314794.093	5843860.111	247.943	292°27'34.26"	
STRAIGHT	80.000	314775.610	5843867.752	248.079	292°27'34.26"	
STRAIGHT	100.000	314757.127	5843875.392	248.200	292°27'34.26"	
STRAIGHT	120.000	314738.644	5843883.033	248.318	292°27'34.26"	-53.400
TANGENT-CURVE	120.003	314738.641	5843883.034	248.318	292°27'34.26"	
CURVE	125.000	314733.941	5843884.725	248.347	287°05'51.55"	
CURVE	130.000	314729.100	5843885.969	248.377	281°43'58.37"	
CURVE-TANGENT	134.362	314724.798	5843886.680	248.402	277°03'10.00"	-53.400
STRAIGHT	140.000	314719.202	5843887.373	248.436	277°03'10.00"	
STRAIGHT	160.000	314699.354	5843889.828	248.554	277°03'10.00"	
INTERSECTION POINT	164.580	314694.808	5843890.391	248.661	277°03'10.00"	

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

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.

Drawn K.PHAL
Date 25/06/15
AN 1871005
Designed K.PHAL
Date 25/06/15
AN 1871005
Verified S.LEA
Date 25/06/15
AN 1061839
Audited T.OBOUHOFF
Date 16/11/15
AN 912610
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884792

AS CONSTRUCTED



merrifield
MAB gpc

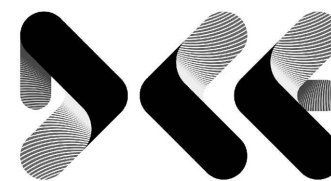
Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m

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

MERRIFIELD DEVELOPMENT
DANNYBROOK ROAD, MICKLEHAM
STAGE 14
SET OUT DETAILS

Drawing No. 11734SOP01 Rev 1
Sheet No. 05 AS CONSTRUCTED

© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

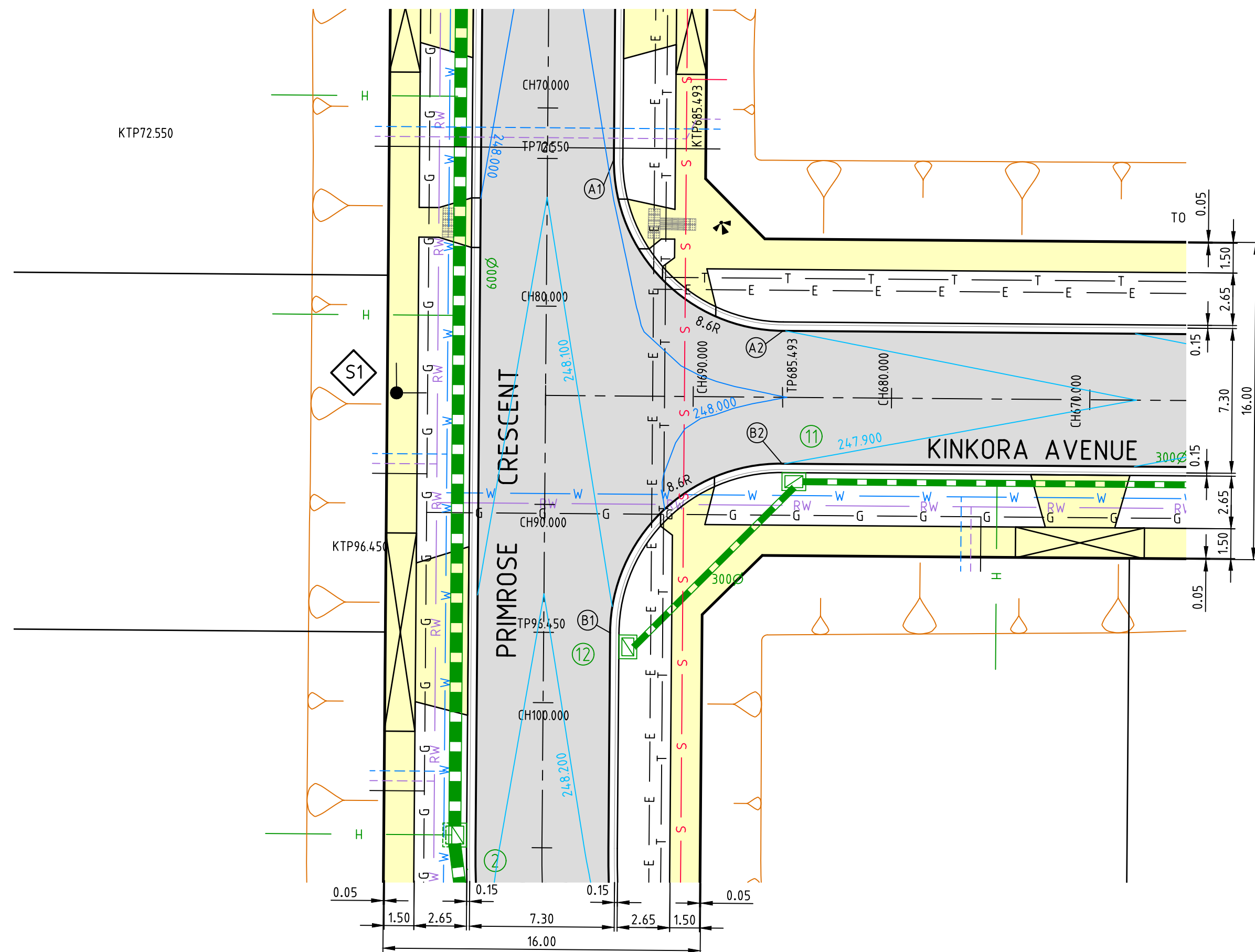


DALTON
CONSULTING
ENGINEERS

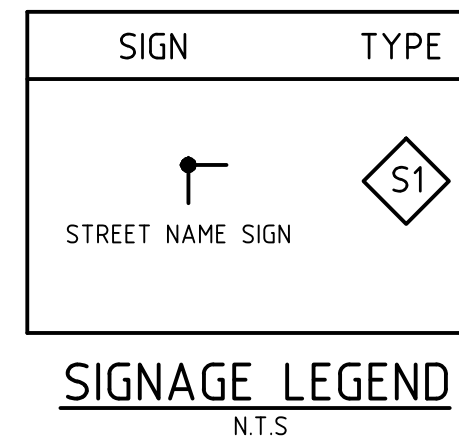
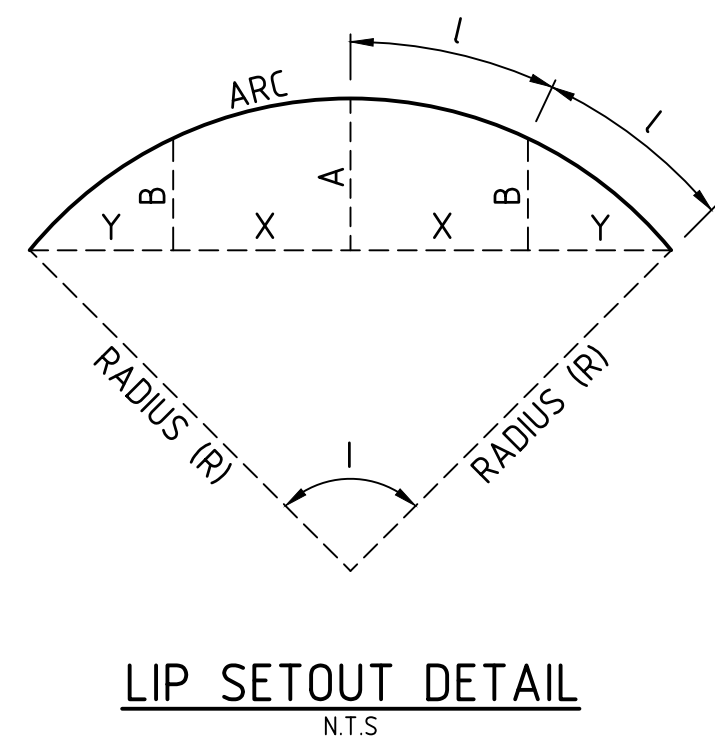
ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

Drawing File: C:\design\11700\11734-merrifield - precinct 1 - stage 14\road\RD\11734\001.dwg - 11734\001
Date/Time: Fri Apr 22, 2016 - 12:02pm - ByronShade



PLAN
SCALE 1:200



LIP PROFILE A

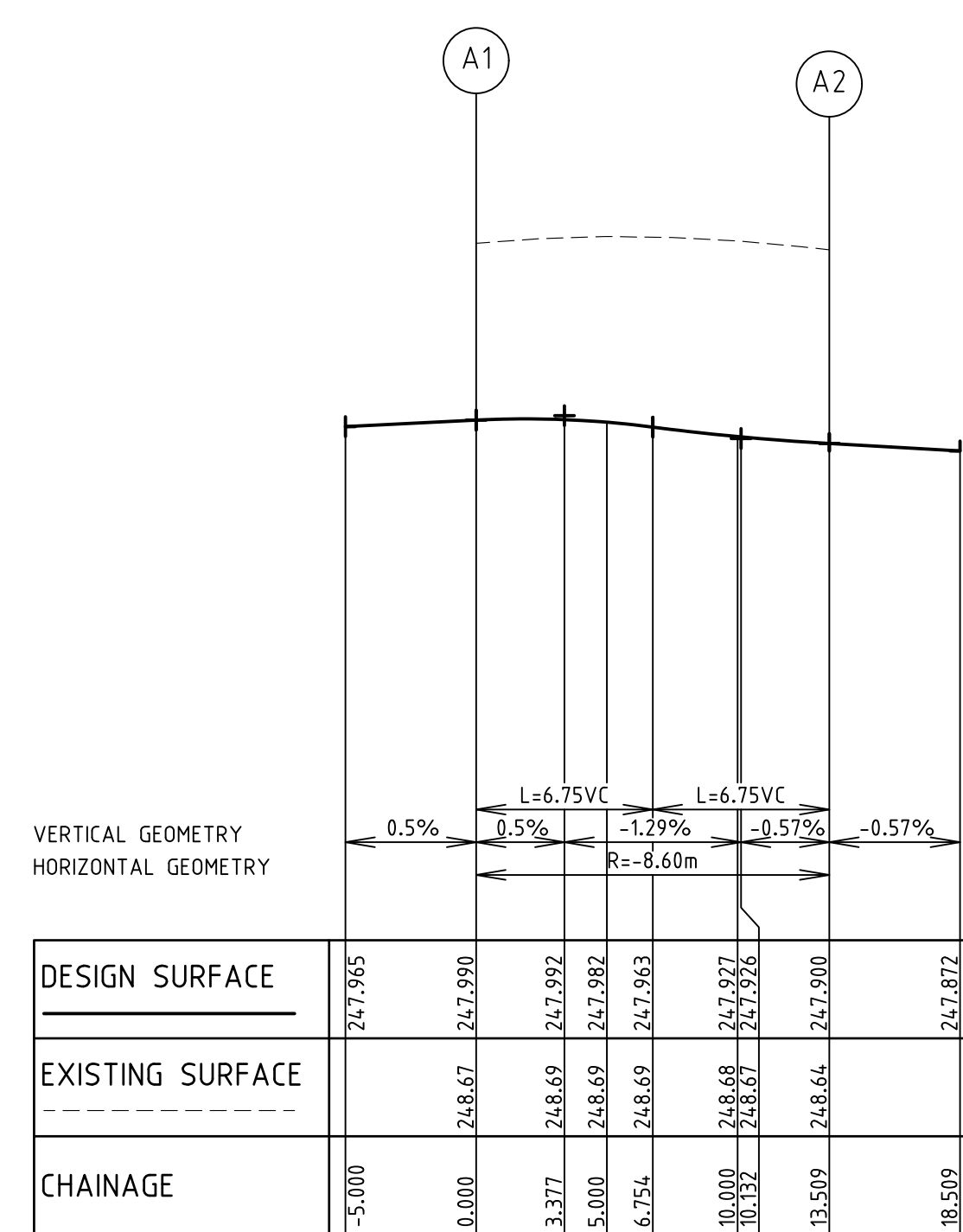
POINT NO	EASTING	NORTHING	RL
A1	314722.733	5843999.928	247.990
A2	314727.395	5843988.695	247.900

CURVE NO	I	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	247.963

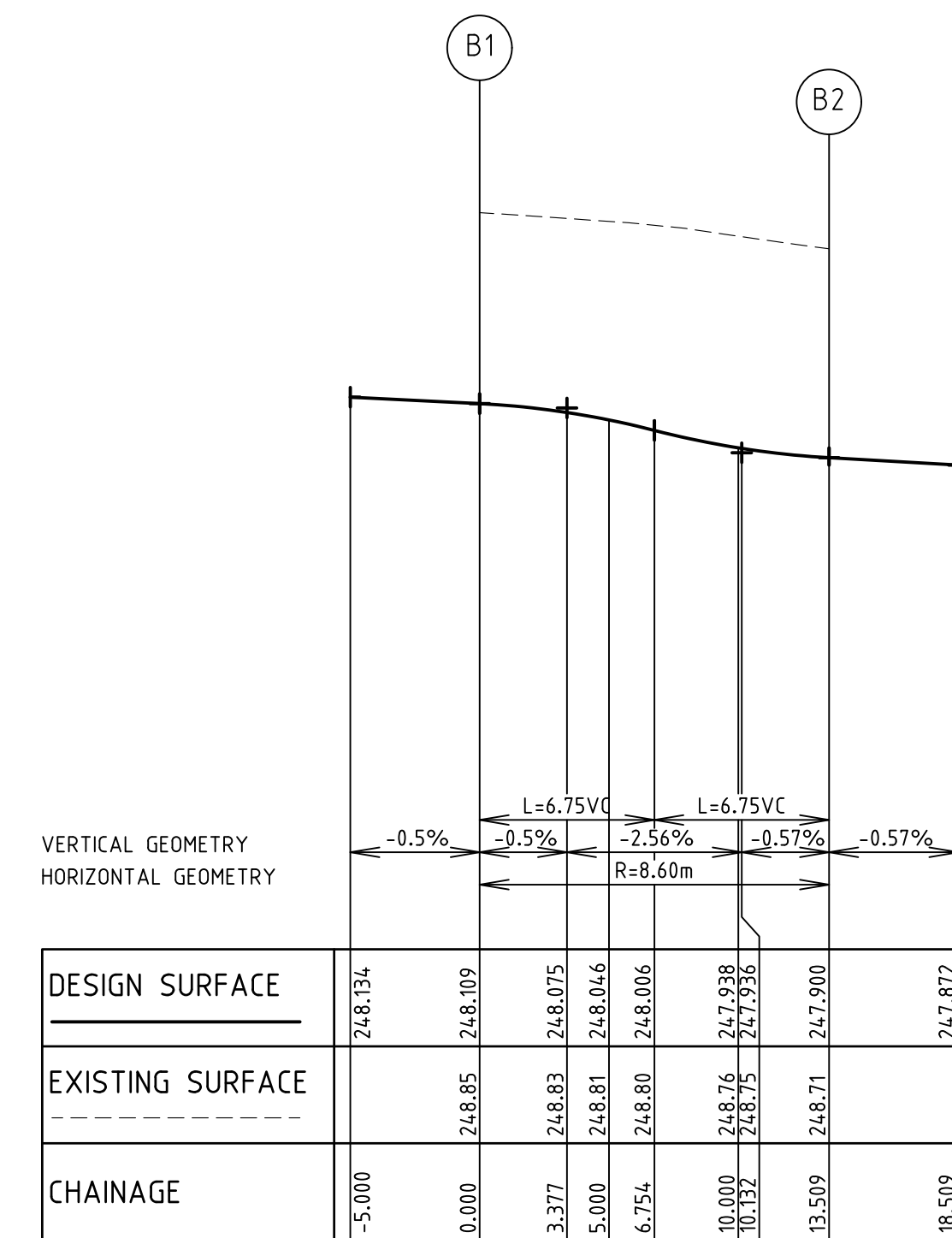
LIP PROFILE B

POINT NO	EASTING	NORTHING	RL
B1	314713.602	5843977.841	248.109
B2	314724.835	5843982.503	247.900

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	248.006



LIP PROFILE A



LIP PROFILE B

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.

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.

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL

Drawn K.PHAL
Date 25/06/15
AN 1871006
Designed K.PHAL
Date 25/06/15
AN 1871006
Verified S.LEA
Date 25/06/15
AN 1061840
Audited T.OBOUHOFF
Date 16/11/15
AN 912611
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884793

Ex W EXISTING WATER MAIN
Ex G EXISTING GAS MAIN
Ex E EXISTING ELECTRICAL CABLE
Ex S-O EXISTING SEWER MAIN & MANHOLE
Ex T EXISTING TELECOMM. CABLE AND PIT
Ex V EXISTING ELEC. POLE & O'HEAD LINES
Ex V EXISTING STORMWATER DRAIN & PIT
CONSTRUCTED PRE DEVELOPMENT
EXISTING TREES TO BE REMOVED
FINISHED SURFACE LEVEL
OPEN EARTH DRAIN (O.E.D.)

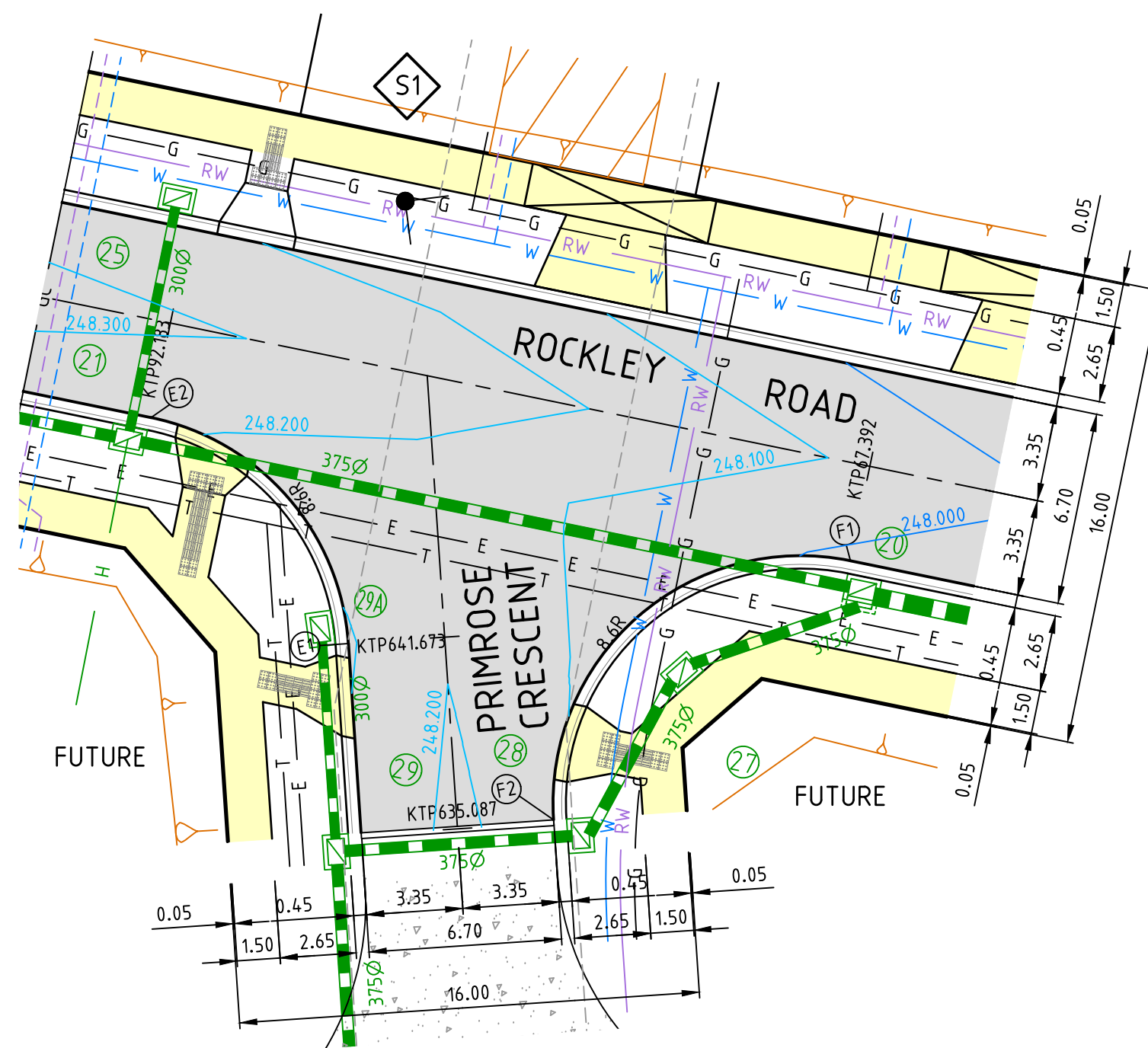
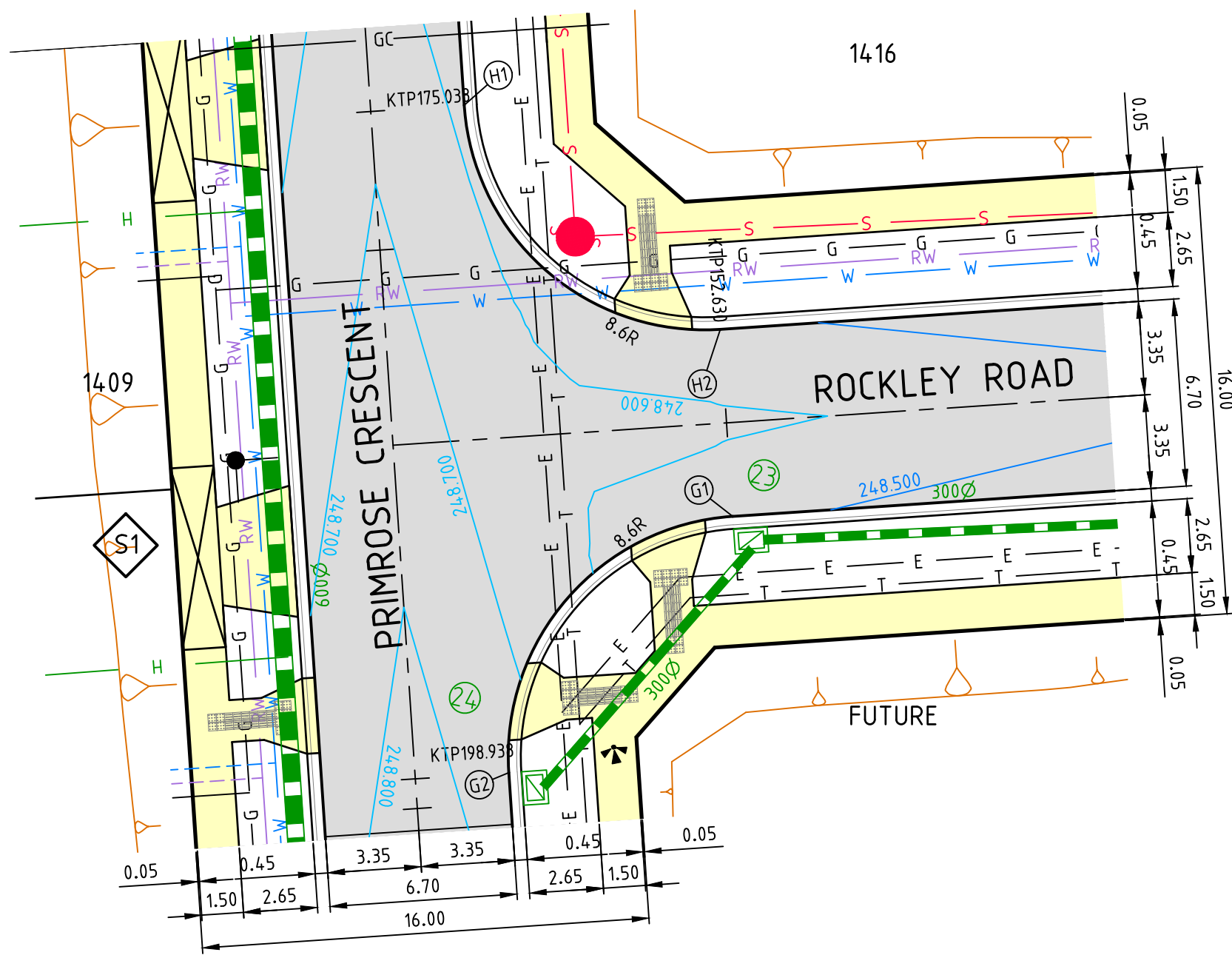
LEGEND
300Ø BRANCH SEWER MAIN
SEWER MAIN AND MANHOLE
STORMWATER DRAIN & PIT
SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
PROPERTY INLETS
HOUSE DRAIN
GAS CONDUIT
WATER CONDUIT
RECYCLED WATER CONDUIT
TELECOMM. CONDUIT
PERMANENT SURVEY MARK

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
LIMIT OF WORKS
FINISHED SURFACE CONTOUR
FILLING OVER 300mm

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

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
INTERSECTION DETAILS
SHEET 01 OF 02
Drawing No. 11734ID01
Rev 1
AS CONSTRUCTED
Sheet No. 06
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

DALTON CONSULTING ENGINEERS
VICTORIA
T 61 3 9888 6866
W dceng.com.au
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au
ABN 78 429 221 049



ALIGNMENT E

POINT NO	EASTING	NORTHING	RL							
E1	314768.321	5843860.307	248.091							
E2	314763.071	5843869.310	248.214							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
E1 - E2	74.593	8.600	11.196	1.759	1.307	2.750	2.461	2.799	248.140	

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL							
F1	314785.982	5843859.839	247.983							
F2	314774.161	5843852.948	248.125							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
F1 - F2	105.407	8.600	15.821	3.389	2.495	3.817	3.024	3.955	248.050	

ALIGNMENT G

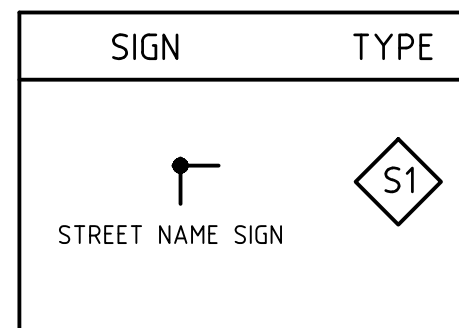
POINT NO	EASTING	NORTHING	RL							
G1	314706.257	5843885.599	248.518							
G2	314696.666	5843878.120	248.740							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
G1 - G2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	248.627	

ALIGNMENT H

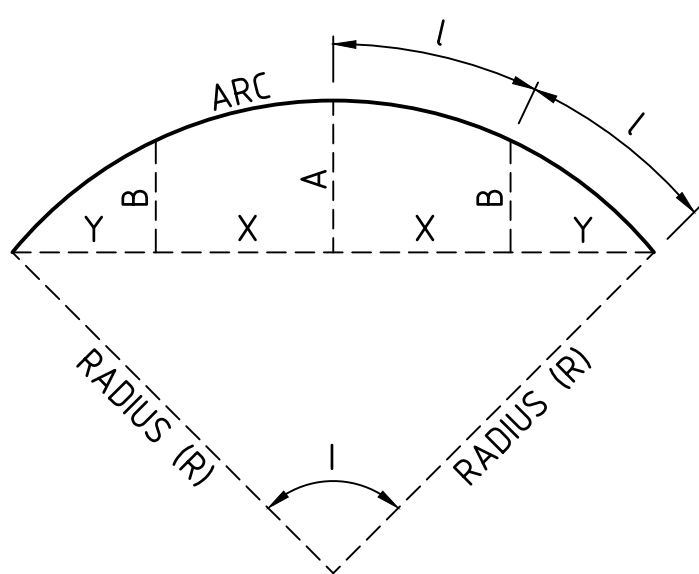
POINT NO	EASTING	NORTHING	RL							
H1	314699.600	5843901.839	248.582							
H2	314707.079	5843892.248	248.518							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
H1 - H2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	248.565	

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.

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.

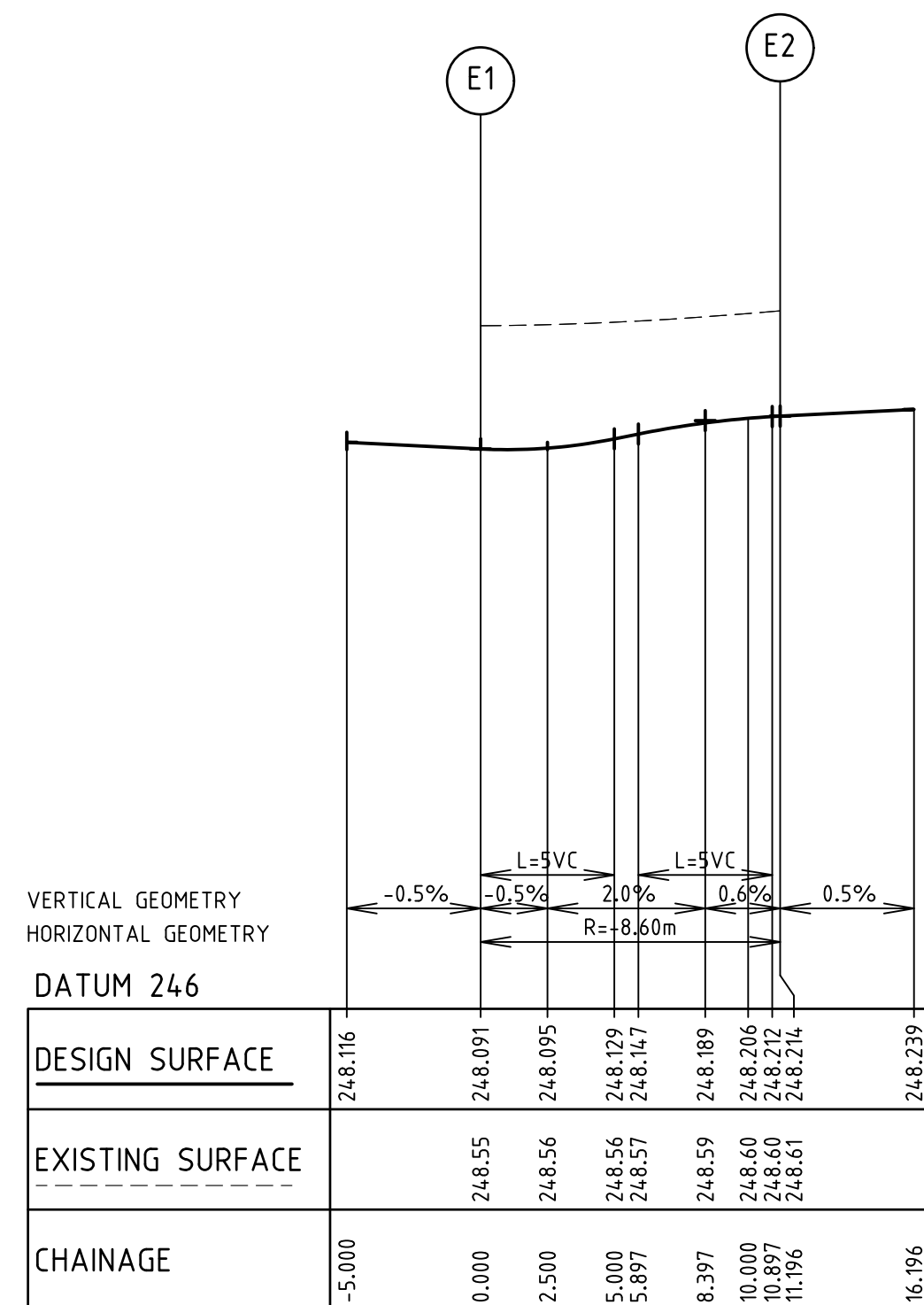


SIGNAGE LEGEND
N.T.S.

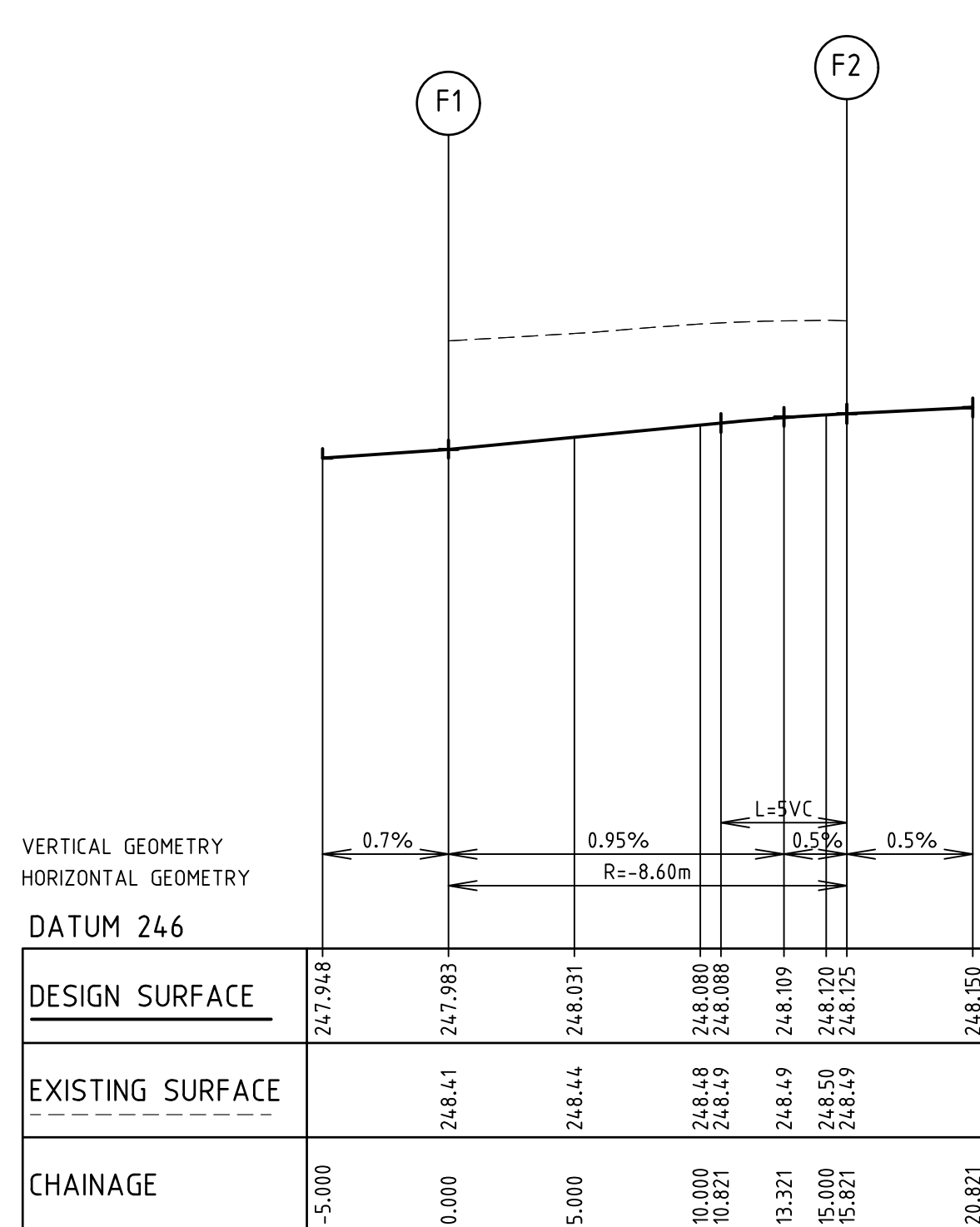


LIP SETOUT DETAIL
N.T.S.

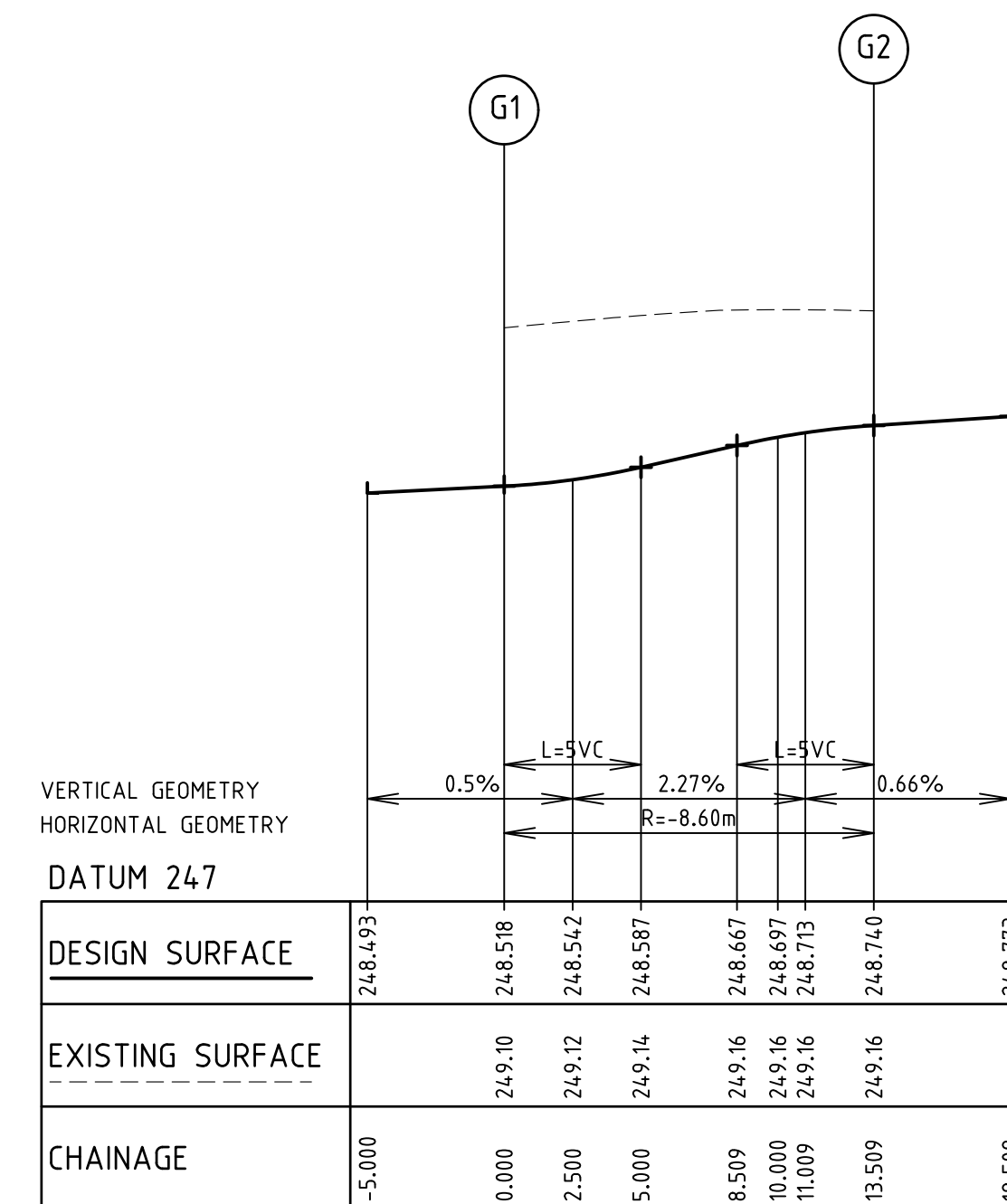
AS CONSTRUCTED



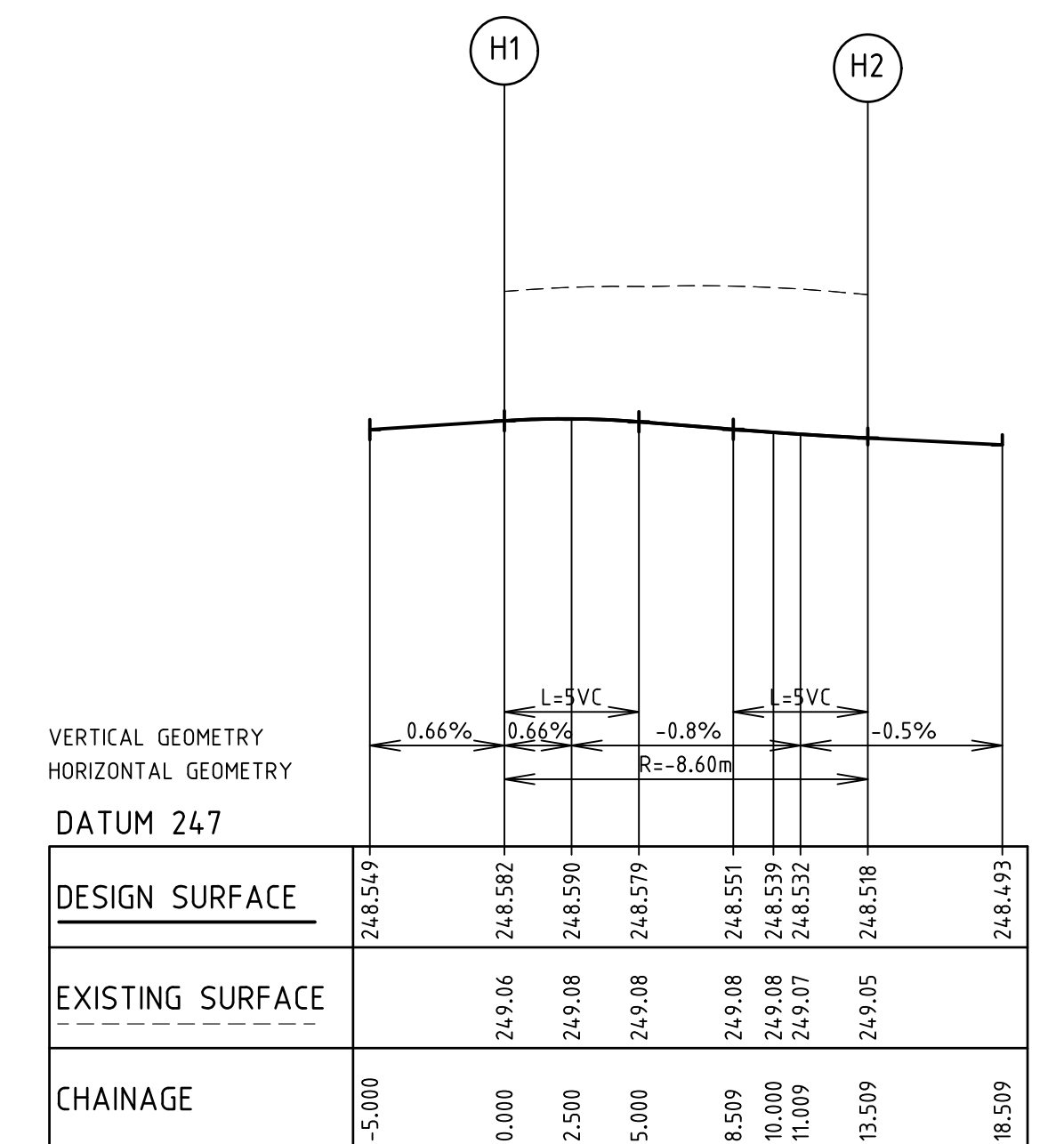
LIP PROFILE E



LIP PROFILE F



LIP PROFILE G



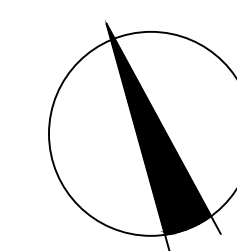
LIP PROFILE H

Drawn K.PHAL
Date 25/06/15
AN 1871007
Designed K.PHAL
Date 25/06/15
AN 1871007
Verified S.LEA
Date 25/06/15
AN 1061841
Audited T.OBOUHOFF
Date 16/11/15
AN 912612
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884794

Ex W EXISTING WATER MAIN
Ex G EXISTING GAS MAIN
Ex E EXISTING ELECTRICAL CABLE
Ex S-O EXISTING SEWER MAIN & MANHOLE
Ex T EXISTING TELECOMM. CABLE AND PIT
Ex V EXISTING ELEC. POLE & O'HEAD LINES
EXISTING STORMWATER DRAIN & PIT
CONSTRUCTED PRE DEVELOPMENT
EXISTING TREES TO BE REMOVED
FINISHED SURFACE LEVEL
OPEN EARTH DRAIN (O.E.D.)

LEGEND
300Ø BRANCH SEWER MAIN
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

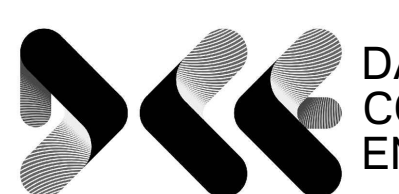
W WATER
RW RECYCLED WATER
T TELECOMMUNICATIONS
E ELECTRICITY
G GAS
STREET NAME SIGN
REGRADE LOT AT MIN 1 IN 150
ASPHALT PAVEMENT
CONC FOOTPATH / DRIVEWAY
LIMIT OF WORKS
FINISHED SURFACE CONTOUR
FILLING OVER 300mm



merrifield
MAB gpc

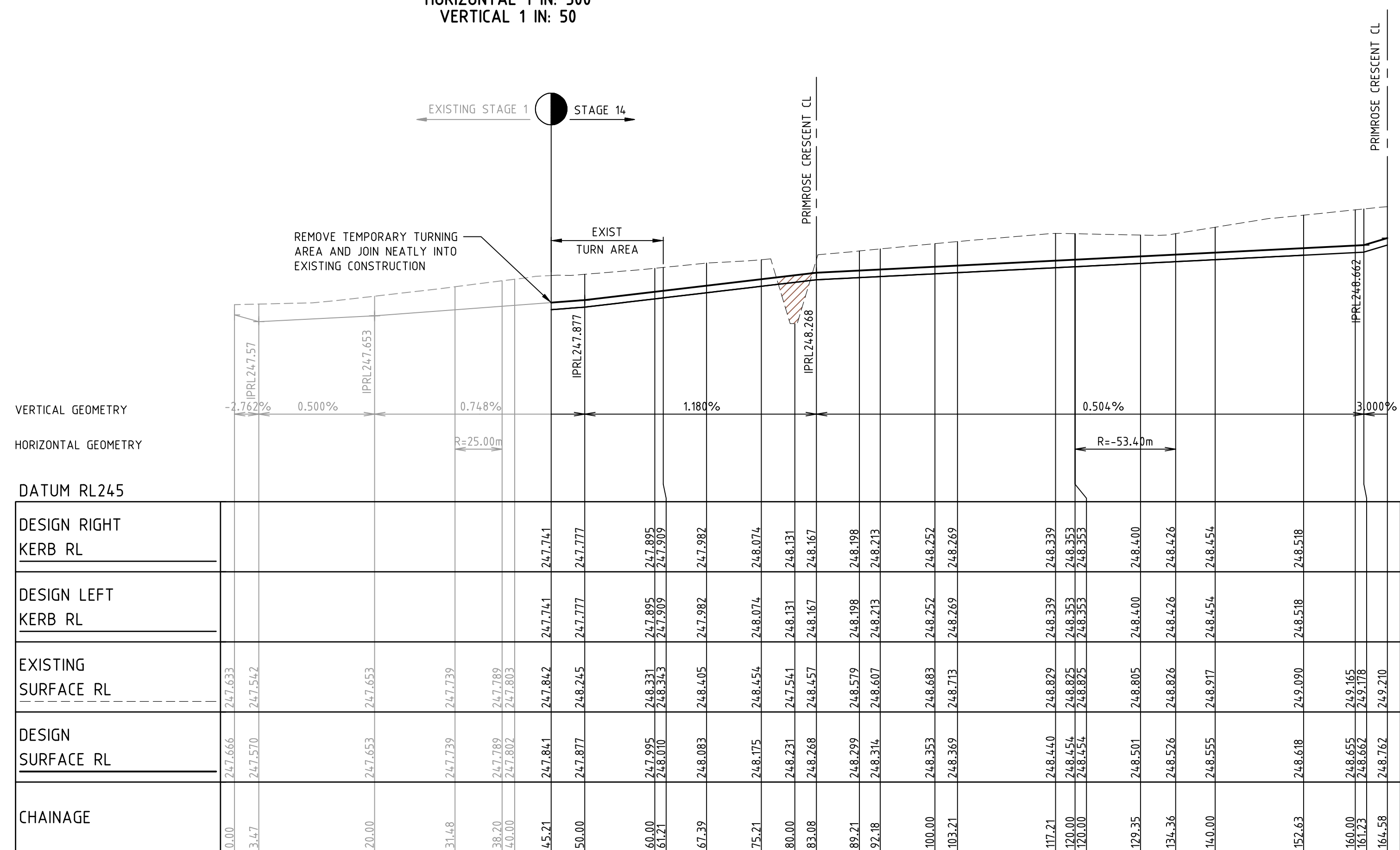
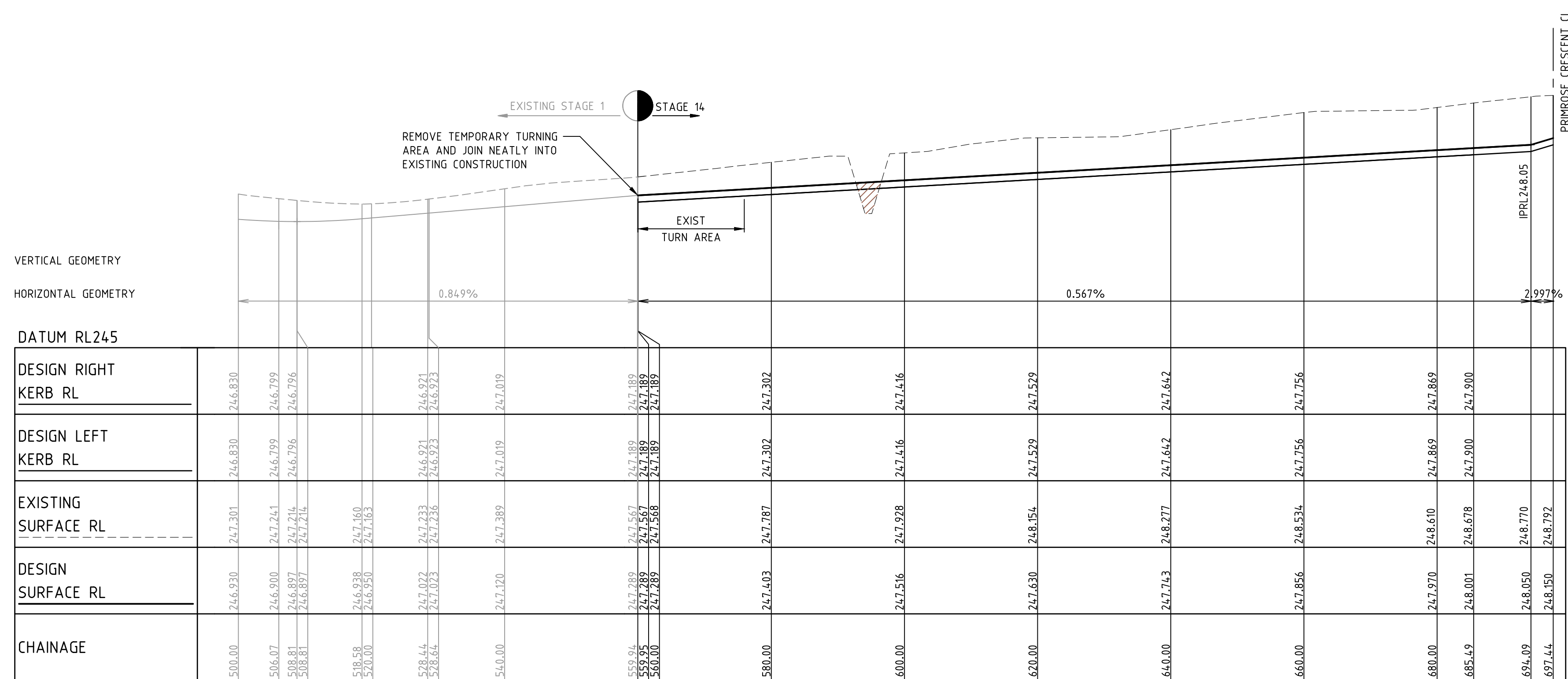
Coords: MGA
Levels: AHD
Hor 1:200 0m 2m 4m 8m 12m
Scale @ A1/A3 1:200/1:400

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
INTERSECTION DETAILS
SHEET 02 OF 02
Drawing No. 11734ID02 Rev 1
Sheet No. 07 AS CONSTRUCTED
Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



DALTON
CONSULTING
ENGINEERS
ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au



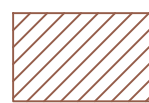
AS CONSTRUCTED

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871008
Designed K.PHAL
Date 25/06/15
AN 1871008
Verified S.LEA
Date 25/06/15
AN 1061842
Audited T.OBOUHOF
Date 16/11/15
AN 912613
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884795

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 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN
 ACCORDANCE WITH AS3798-2007.

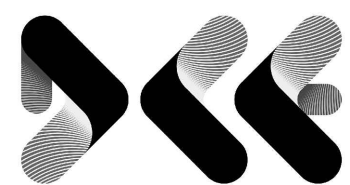
merrifield
MAB GPC

Coords: MGA
Levels: AHD

Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
LONGITUDINAL SECTIONS
SHEET 01 OF 02
Drawing No. 11734LS01 Rev 1
Sheet No. 08 **AS CONSTRUCTED**
© Delton Consulting Engineers Pty Ltd
AEN 78 429 221 049

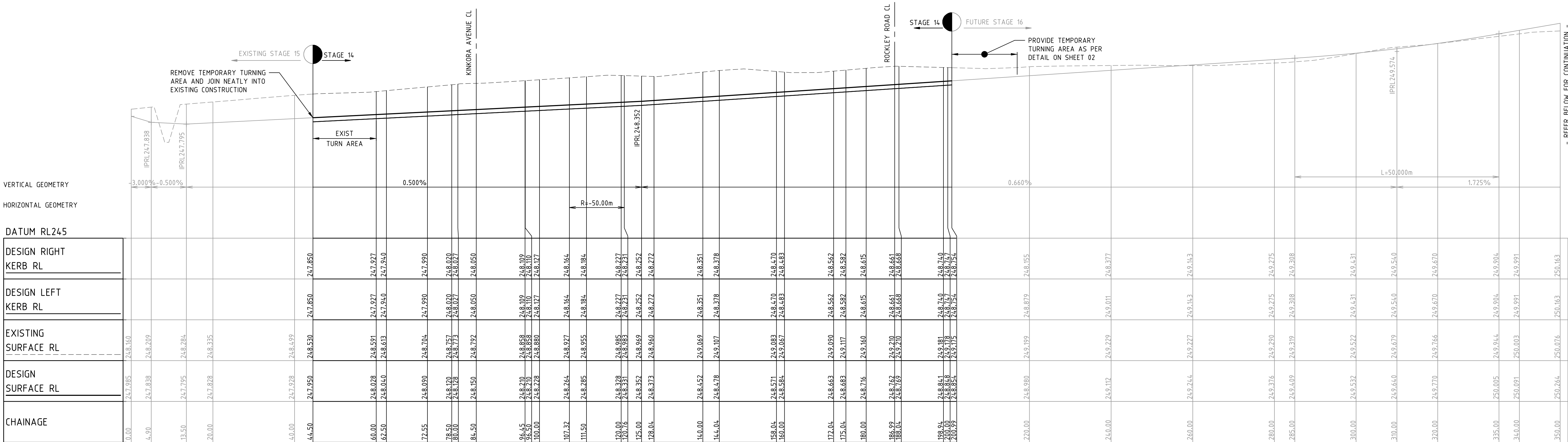


DALTON
CONSULTING
ENGINEERS

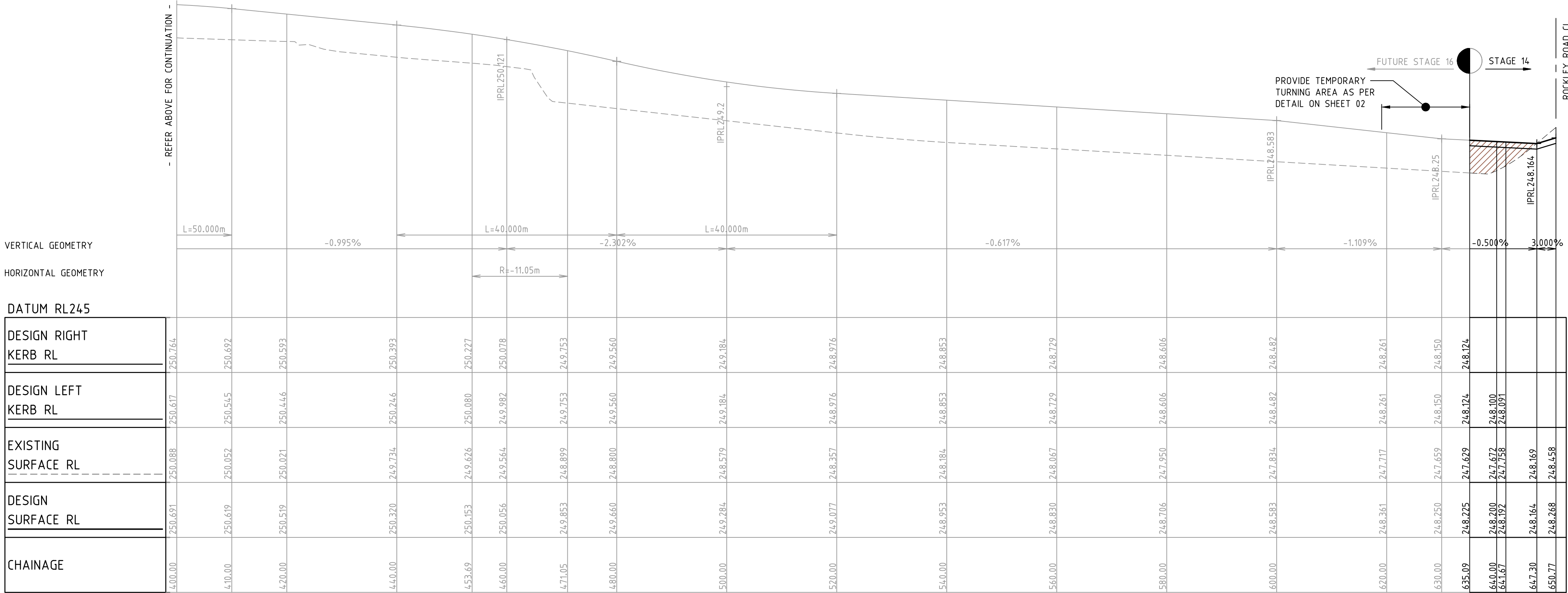
ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

Drawing File: G:\design\11734\merrifield - precinct 1 - stage 14\road\RD\11734LS01.dwg - 11734LS02
Date/Time: Fri Apr 22, 2016 - 12:02pm --byronshade--



LONGITUDINAL SECTION PRIMROSE CRESCENT DESIGN LINE
HORIZONTAL 1 IN: 500
VERTICAL 1 IN: 50



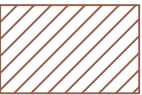
LONGITUDINAL SECTION PRIMROSE CRESCENT DESIGN LINE
HORIZONTAL 1 IN: 500
VERTICAL 1 IN: 50

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL

Drawn K.PHAL
Date 25/06/15
AN 1871009
Designed K.PHAL
Date 25/06/15
AN 1871009
Verified S.LEA
Date 25/06/15
AN 1081643
Audited T.TOBQUHOFF
Date 16/11/15
AN 912614
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884796

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 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.



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

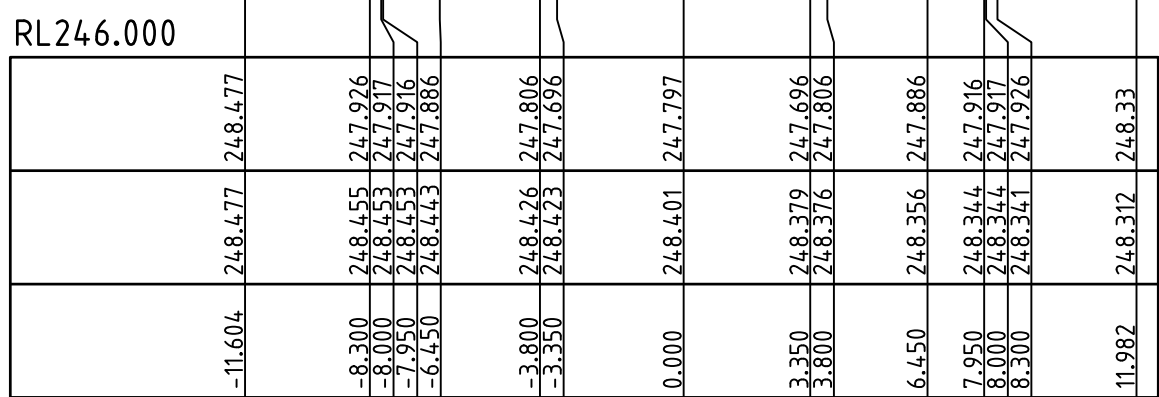
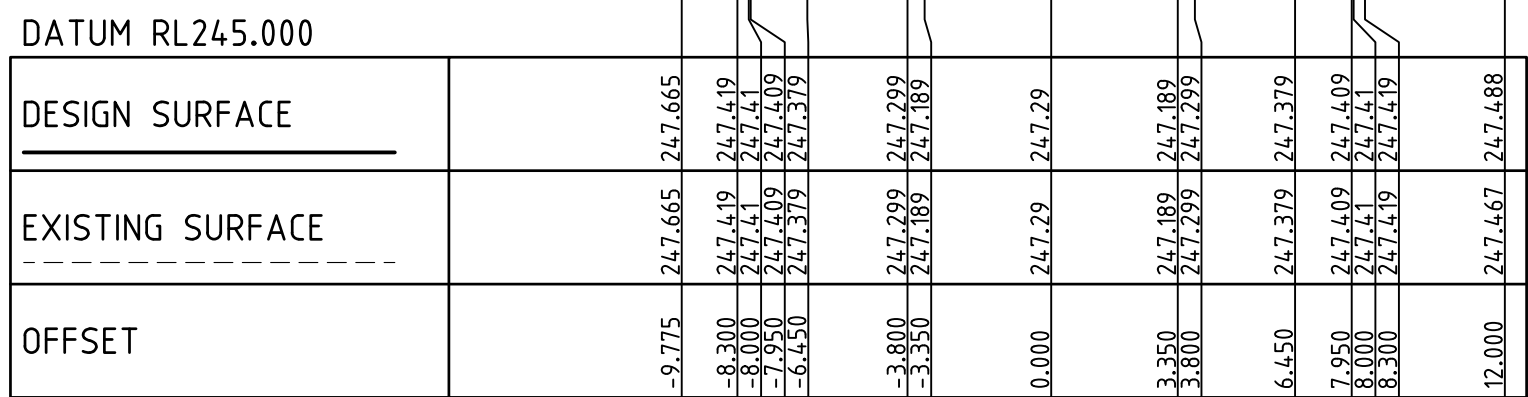
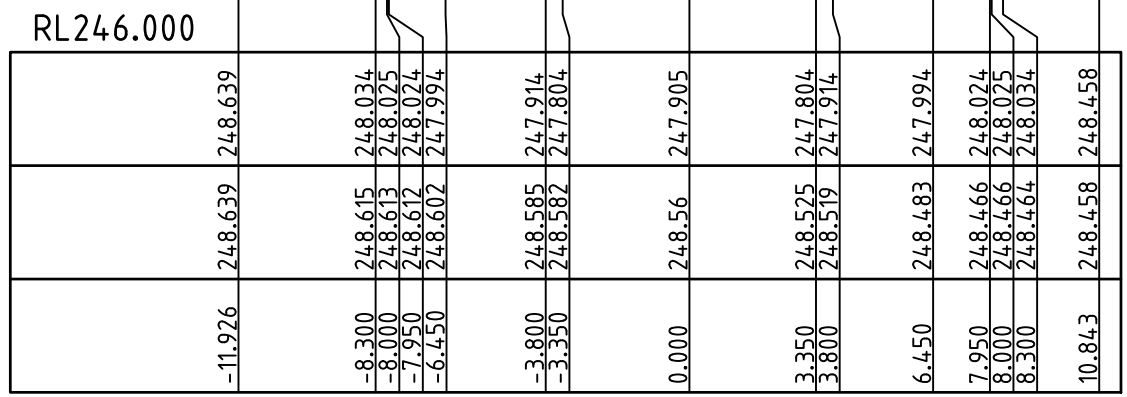
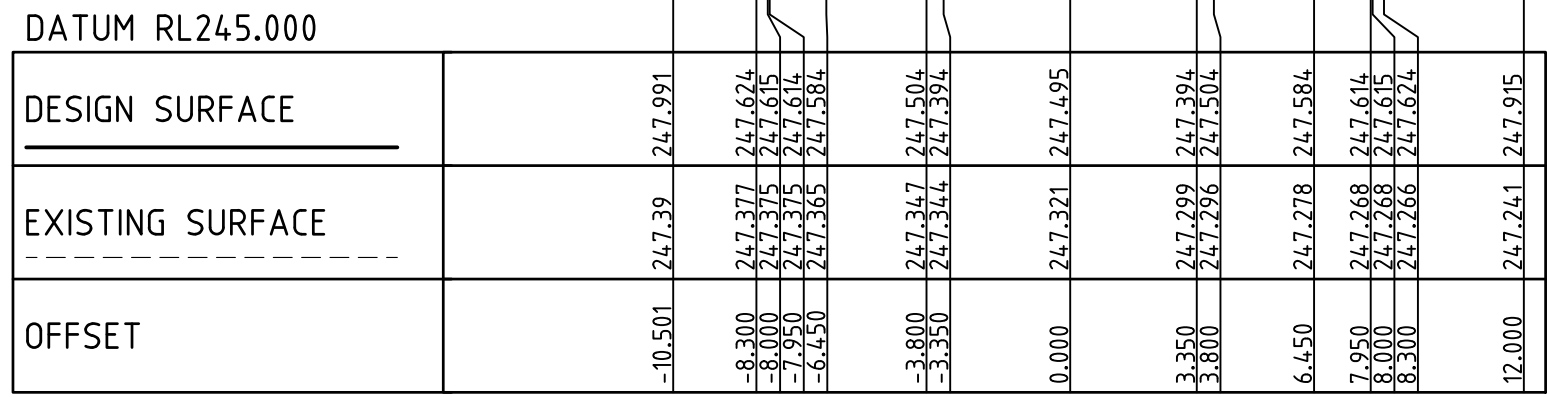
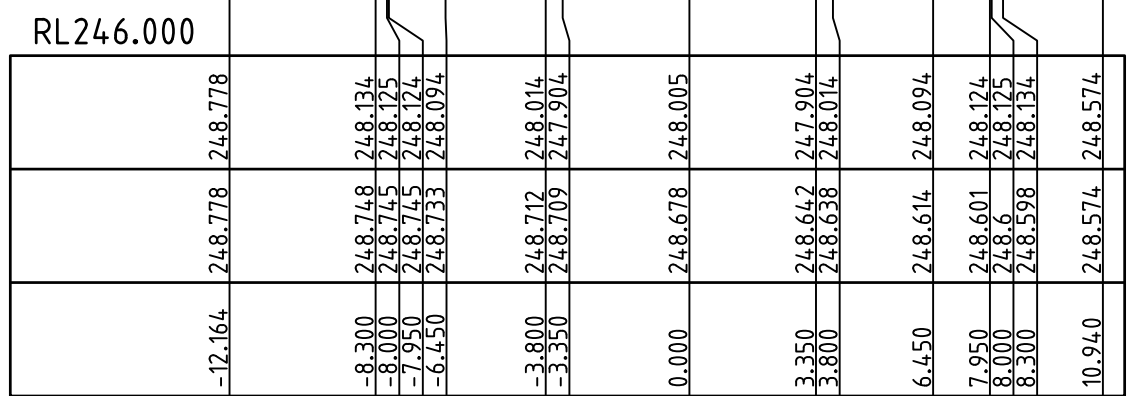
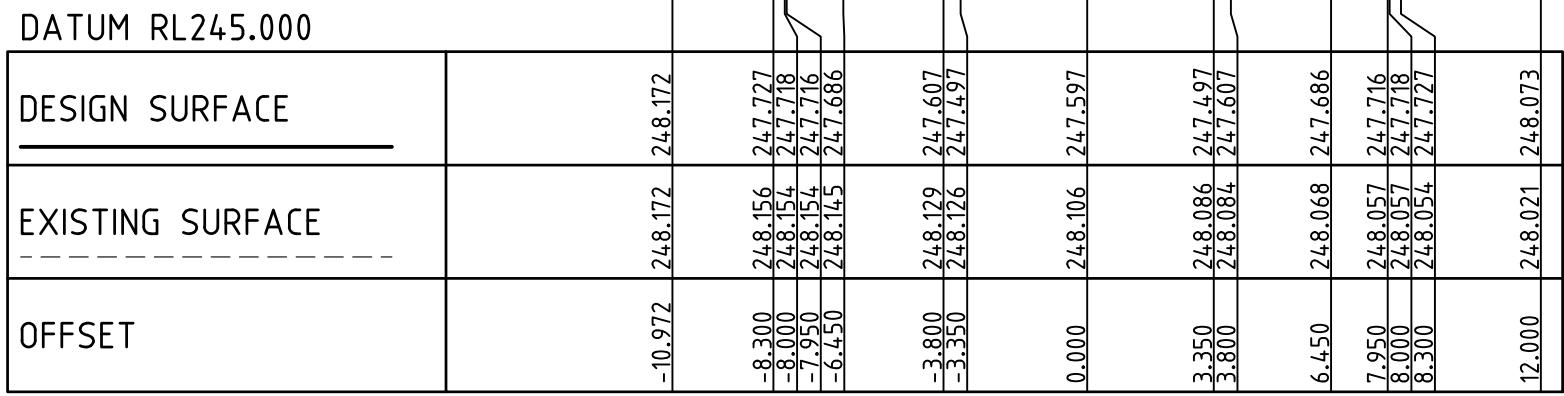
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
LONGITUDINAL SECTIONS
SHEET 02 OF 02
Drawing No. 11734LS02 Rev 1
Sheet No. 09 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



VICTORIA
T 61 3 9888 6866
W dceng.com.au

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

ABN 78 429 221 049



KNIKORA AVENUE

AS CONSTRUCTED

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871011
Designed K.PHAL
Date 25/06/15
AN 1871011
Verified S.LEA
Date 25/06/15
AN 1061845
Audited T.OBOUHOFF
Date 16/11/15
AN 912616
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884798

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

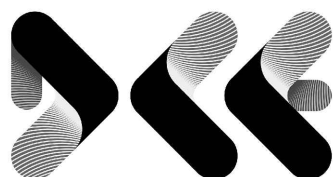
 DENOTES ENGINEERED FILL TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GOLDER ASSOCIATES. ENGINEERED FILL TO BE APPROVED BY HUME CITY COUNCIL REFER TO DWG 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.



Coords: MG
Levels: AHD

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

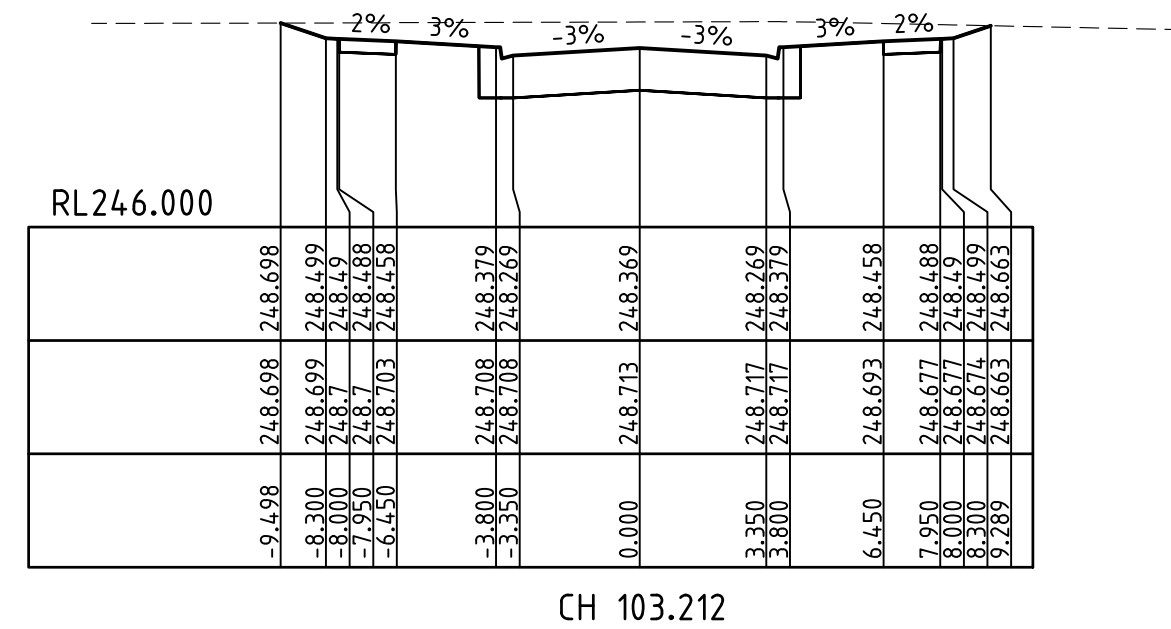
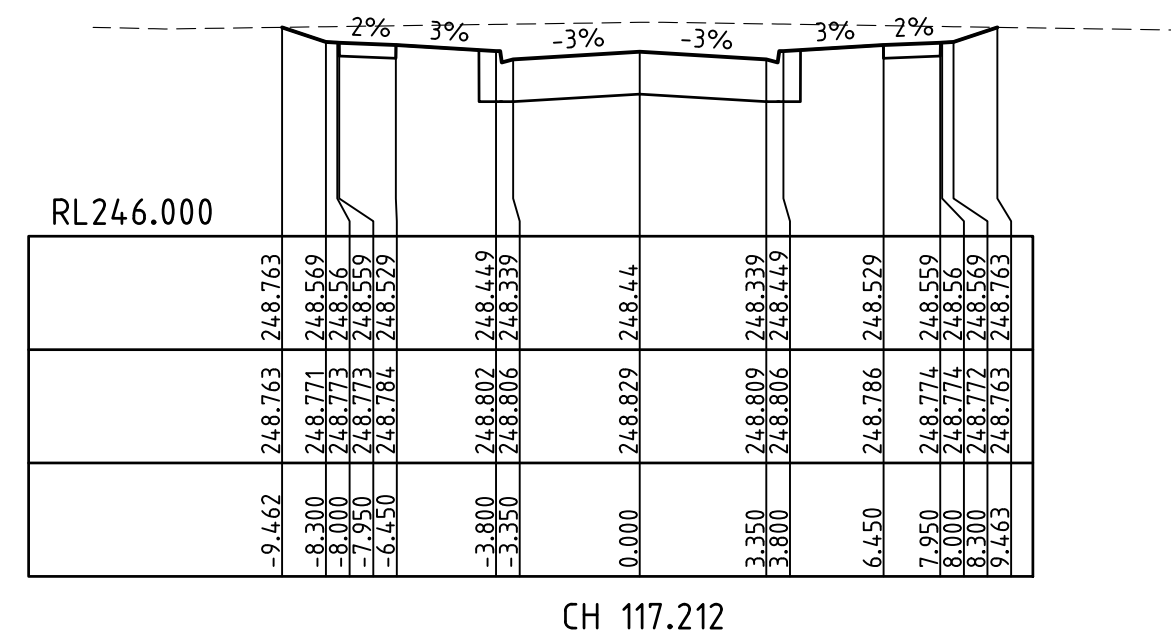
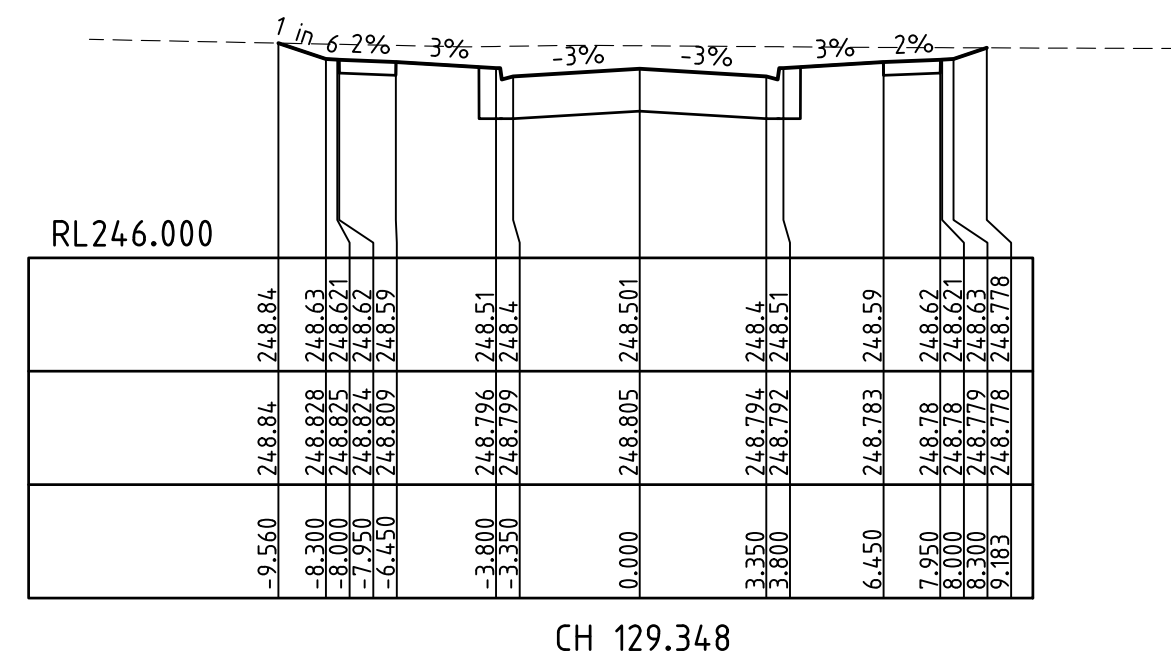
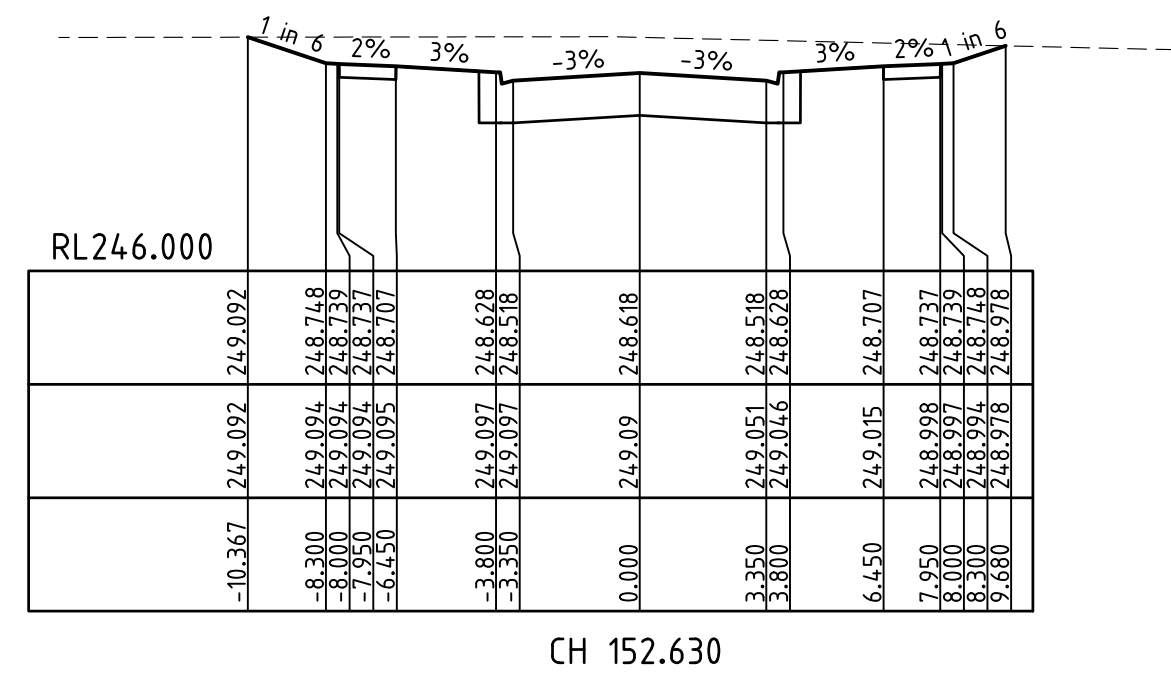
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
CROSS SECTIONS
SHEET 02 OF 03
Drawing No. 11734XS02 Rev 1
 Sheet No. 11 **AS CONSTRUCTED**
 © Dalton Consulting Engineers Pty Ltd
 ABN 76 429 221 049



DALTON
CONSULTING
ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au



AS CONSTRUCTED

Drawn K.PHAL
Date 25/06/15
AN 1871012
Designed K.PHAL
Date 25/06/15
AN 1871012
Verified S.LEA
Date 25/06/15
AN 1061846
Audited T.OBOUHOFF
Date 16/11/15
AN 912617
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884799

LEGEND

DENOTES CLASS 2 CRUSHED ROCK BACKFILL

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 11735D01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.

Coords: MGA
Levels: AHD

Hor 1:200 0m 2m 4m 8m 12m
Ver 1:100 0m 1m 2m 4m 6m

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



**DALTON
CONSULTING
ENGINEERS**

ABN 78 429 221 049

VICTORIA
T 61 3 9888 6866
W dceng.com.au

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\cad\RD\11734001.dwg - 11734001
Date/Time: Fri Apr 22, 2016 - 12:03pm - ByronShade

AS CONSTRUCTED

VELOCITY (m/s)	1.661	1.651	1.625	1.589
PIPE GRADE VELOCITY	1.536	1.536	1.536	1.536
PIPE GRADE %	0.500%	0.500%	0.500%	0.500%
PIPE FLOW (m3/s)	0.304	0.295	0.275	0.250
PIPE CAPACITY AT GRADE	0.434	0.434	0.434	0.434
PIPE SIZE (mm)	600 (2)	600 (2)	600 (2)	600 (2)
DATUM	237.000			
DEPTH TO INVERT	245.625 246.560 2.337 1.762	246.522 247.122 1.761	246.572 247.146 1.711	246.651 247.251 1.707
HYDRAULIC GRADE LINE	245.625 246.200	246.572 247.289 1.657	246.944 247.544 1.729	246.994 247.580 1.679
INVERT LEVEL	245.625 246.200	246.522 247.251 1.707	246.572 247.289 1.657	246.651 247.251 1.707
DESIGN SURFACE LEVEL	248.530 247.962	246.522 247.251 1.707	246.572 247.289 1.657	246.651 247.251 1.707
EXISTING SURFACE LEVEL	248.530 247.962	246.522 247.251 1.707	246.572 247.289 1.657	246.651 247.251 1.707
CHAINAGE	0.000 64.409	64.409 15.737	80.146 48.704	128.850 31.921

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871013
Designed K.PHAL
Date 25/06/15
AN 1871013
Verified S.LEA
Date 25/06/15
AN 1081647
Audited T.OBOUHOFF
Date 16/11/15
AN 912618
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884800

LEGEND



DENOTES CLASS 2 CRUSHED ROCK BACKFILL

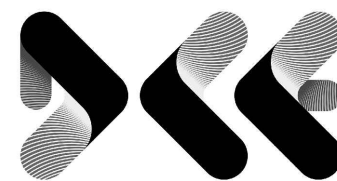


DENOTES ENGINEERED FILL TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GOLDER ASSOCIATES. ENGINEERING FILL TO BE APPROVED BY HUME CITY COUNCIL REFER TO DWG 11734TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.



Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3
Ver 1:500/1:1000
Ver 1:50/1:100

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
DRAINAGE LONGITUDINAL SECTIONS
SHEET 01 OF 04
Drawing No. 11734DR01 Rev 1
Sheet No. 13 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



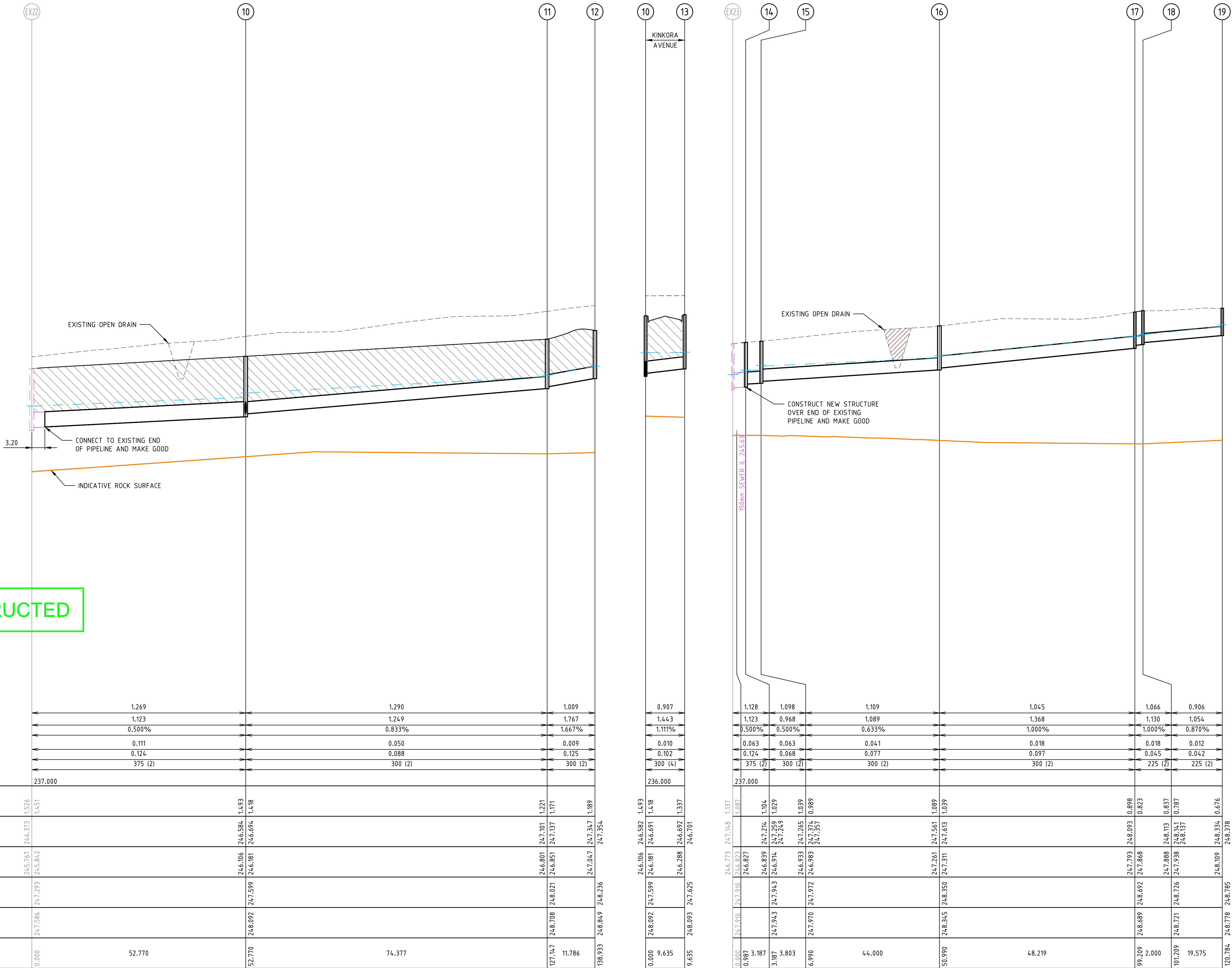
DALTON
CONSULTING
ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

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.

Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\cad\RD\11734DR02.dwg - 11734DR02
Date/Time: Fri Apr 22, 2016 - 12:03pm --byronshade--



AS CONSTRUCTED

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871014
Designed K.PHAL
Date 25/06/15
AN 1871014
Verified S.LEA
Date 25/06/15
AN 1061848
Audited T.OBOUHOFF
Date 16/11/15
AN 912619
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884801

LEGEND



DENOTES CLASS 2 CRUSHED ROCK BACKFILL

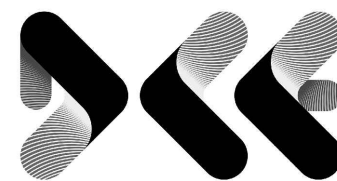


DENOTES ENGINEERED FILL TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GOLDER ASSOCIATES. ENGINEERING FILL TO BE APPROVED BY HUME CITY COUNCIL REFER TO DWG 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.



Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3
Ver 1:50/1:100

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
DRAINAGE LONGITUDINAL SECTIONS
SHEET 02 OF 04
Drawing No. 11734DR02 Rev 1
AS CONSTRUCTED
Sheet No. 14
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



DALTON
CONSULTING
ENGINEERS

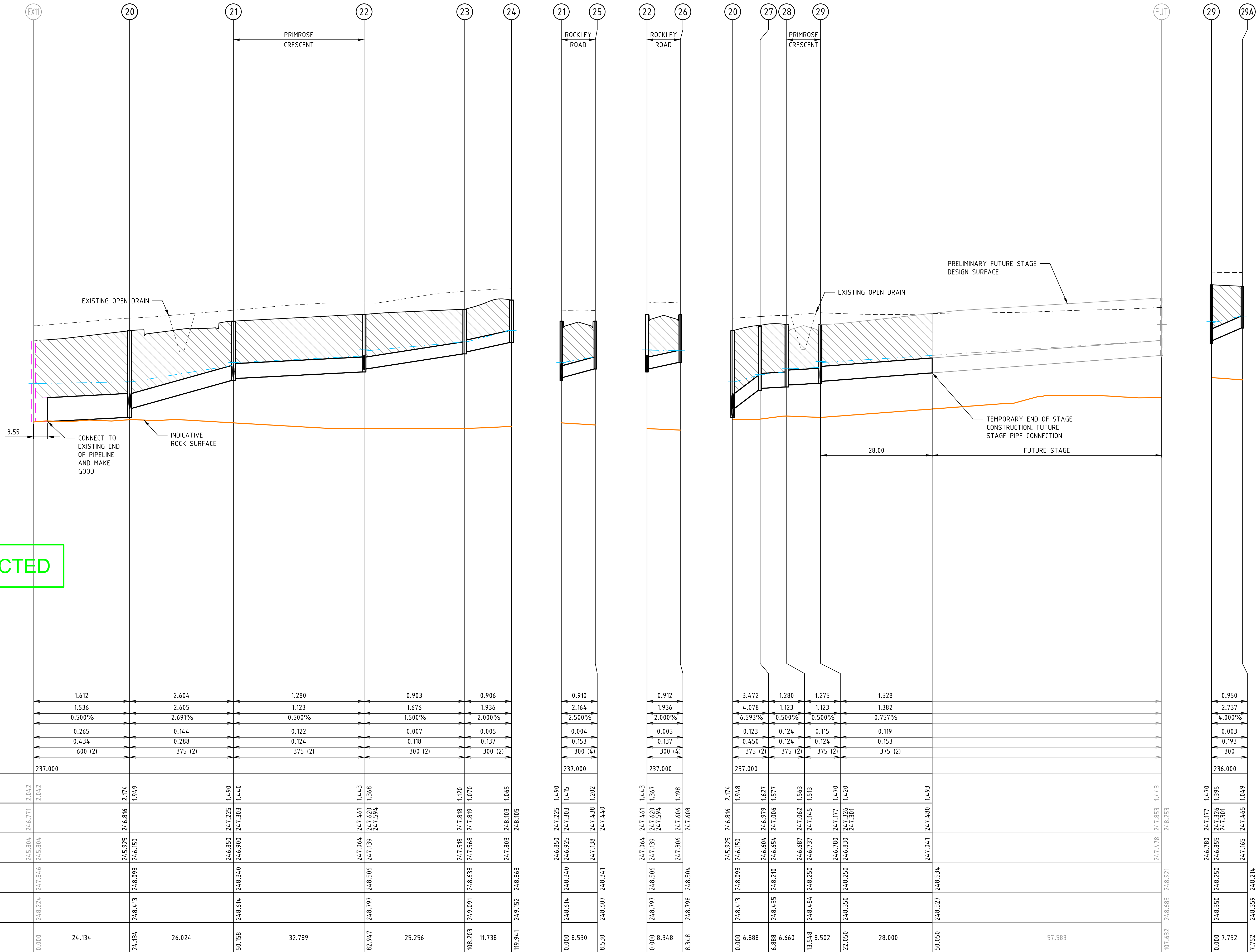
ABN 78 429 221 049

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

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.

Drawing File: G:\design\11700\11734-merrifield - precinct 1 - stage 14\cad\RD\11734DR03.dwg - 11734DR03
Date/Time: Fri Apr 22, 2016 - 12:03pm - ByronShade



1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871015
Designed K.PHAL
Date 25/06/15
AN 1871015
Verified S.LEA
Date 25/06/15
AN 1061649
Audited T.OBOUHOFF
Date 16/11/15
AN 912620
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884802

LEGEND

 DENOTES CLASS 2 CRUSHED ROCK BACKFILL

 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 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.

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

MERRIFIELD DEVELOPMENT

DONNYBROOK ROAD, MICKLEHAM

STAGE 14

DRAINAGE LONGITUDINAL SECTIONS

SHEET 03 OF 04

Drawing No. 11734DR03

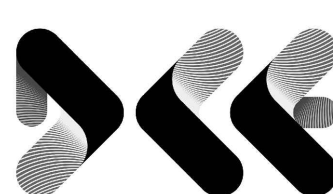
Rev 1

AS CONSTRUCTED

Sheet No. 15

© Dalton Consulting Engineers Pty Ltd

ABN 78 429 221 049



DALTON
CONSULTING
ENGINEERS

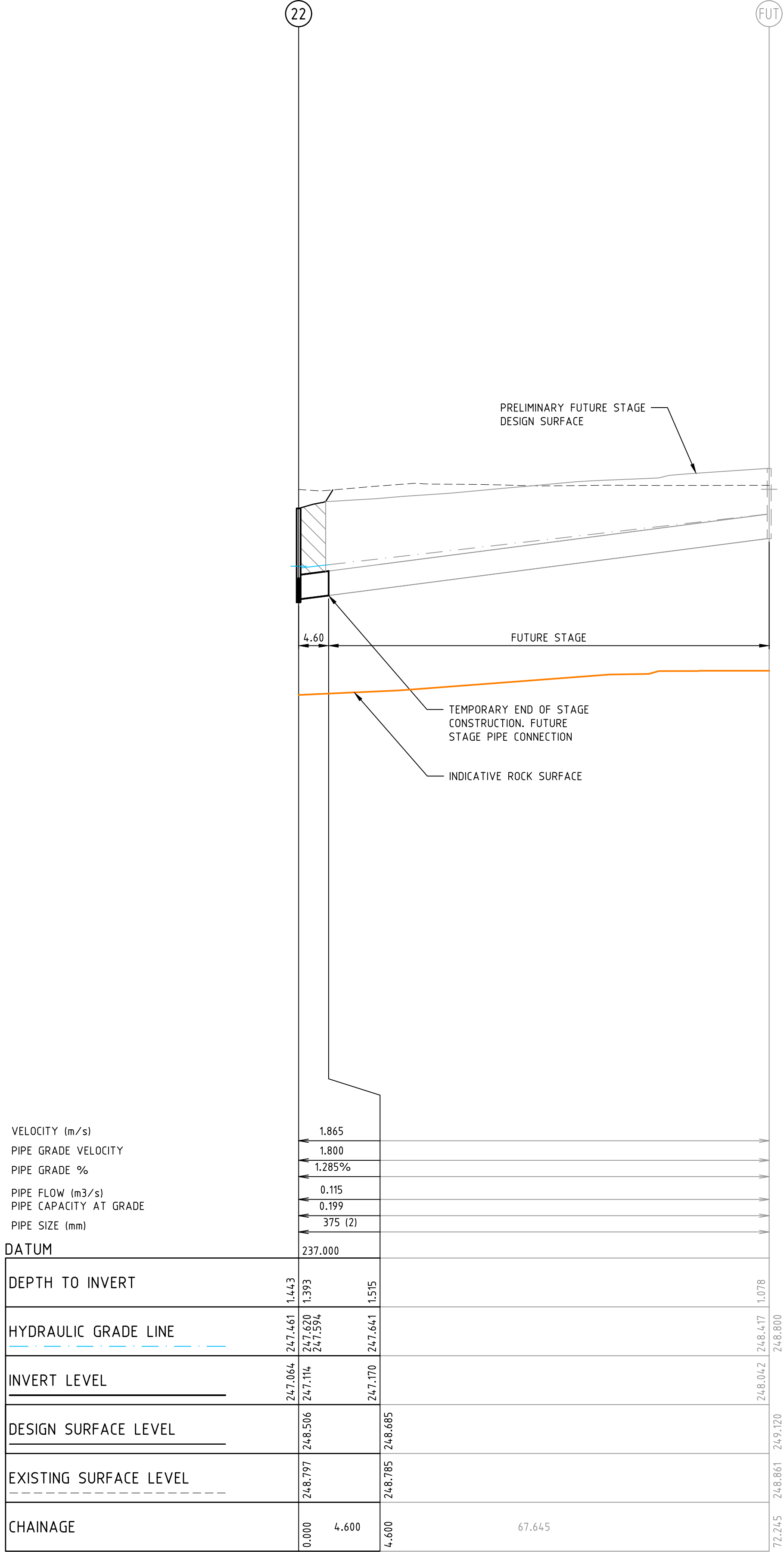
VICTORIA
T 61 3 9888 6866
W dceng.com.au

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

ABN 78 429 221 049

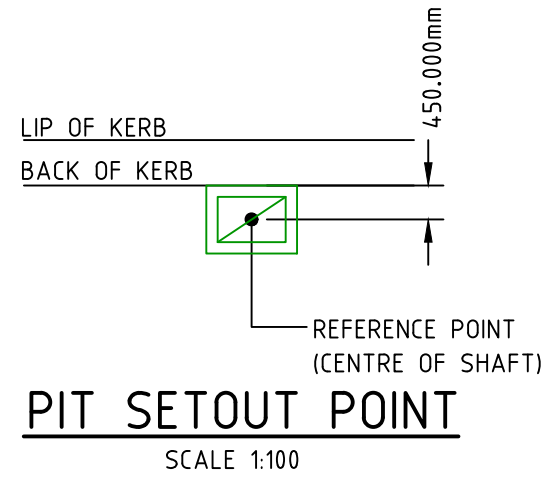
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

Drawing File: C:\design\11700\11734-merrifield - precinct 1 - stage 14\cad\RD\11734DR04.dwg - 11734DR04
Date/Time: Fri Apr 22, 2016 - 12:03pm - ByronShade--



NOTES :

- EASTING, NORTHING SETOUT TO CENTRE OF PIT COVER SHAFT.
- SETOUT LEVEL TO PIT COVER LEVEL.
- EASTING, NORTHING ENDWALL SETOUT POINTS QUOTED TO PIPE BASE CENTRE.
- ALL PIT COVERS TO BE IN ACCORDANCE TO GROWTH AREAS AUTHORITY STD FIGURE 012.
- STEP IRONS REQUIRED FOR ALL PITS GREATER THAN 900mm IN DEPTH.
- PIT FLOOR TO BE SHAPED TO MATCH LOWER HALF OF PIPE WHERE DROPS LESS THAN 50mm.
- ALL DRAINAGE WORKS ARE TO BE CONSTRUCTED TO GROWTH AREA AUTHORITY (GAA) SPECIFICATIONS.
- PIT BASE TO BE SHAPED WITH MASS CONCRETE FOR SMOOTH HYDRAULIC FLOW.
- ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC UNLESS OTHERWISE SHOWN. ALL PIPES UP TO AND INCLUDING 750mm IN DIAMETER SHALL BE RUBBER RING JOINTED. PIPES ABOVE THIS SIZE MAY BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS.
- ALL HAUNCHED PITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HUMES CITY COUNCIL STD. DRG. SD245.



AS CONSTRUCTED

KEY:

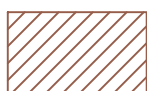
- GSEP = GRATED SIDE ENTRY PIT
- JP = JUNCTION PIT
- EW = ENDWALL
- EX = EXISTING PIT
- PP = PIPE TO PIPE CONNECTION
- (T) = TOP INTERNAL PIT DIMENSION
- (B) = BOTTOM INTERNAL PIT DIMENSION

PIT SCHEDULE															
PIT NAME		TYPE	EASTING	NORTHING		INTERNAL WD	LEN		INLET DIA	INV LEV	OUTLET DIA	INV LEV	PIT SETOUT RL	DEPTH	REMARKS
EX30		GSEP	314,727.265	5,844,030.787	T	600	900		600	246.200			247.962	2.337	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	2	GSEP	314,702.692	5,843,971.250	T	600	900		600	246.572	600	246.522	248.283	1.761	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	3	GSEP	314,698.648	5,843,956.042	T	600	900		600	246.701	600	246.651	248.357	1.707	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	4	GSEP	314,692.654	5,843,907.707	T	600	900		600	246.994	600	246.944	248.673	1.729	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	5 (FUT)	GSEP	314,686.846	5,843,860.644	T	600	900				600	247.231	248.986	1.755	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
					B	900	900								
EX36		GP	314,874.458	5,843,962.149		600	900		300	245.328			247.079	1.801	GAA JP WITH GRATED LID. REFER TO GAA STD DRG FIG.014
	6	JP	314,809.768	5,843,988.891		600	900		225	246.780	300	246.705	247.887	1.182	REFER TO GAA STD DRG FIG.014
	7	JP	314,760.788	5,844,009.139		600	600		225	247.360	225	247.310	248.304	0.995	REFER TO GAA STD DRG FIG.014
	8	JP	314,755.439	5,843,996.201		600	600				225	247.560	248.344	0.784	REFER TO GAA STD DRG FIG.014
EX22		GSEP	314,842.552	5,843,932.867		600	900		375	245.842			247.293	1.526	REFER TO GAA STD DRG FIG.012
	10	GSEP	314,793.784	5,843,953.027		600	900		300	246.181	375	246.106	247.599	1.493	REFER TO GAA STD DRG FIG.012
									300	246.181					
	11	GSEP	314,725.042	5,843,981.423		600	900		300	246.851	300	246.801	248.021	1.221	REFER TO GAA STD DRG FIG.012
	12	GSEP	314,714.173	5,843,976.864		600	900				300	247.047	248.236	1.189	REFER TO GAA STD DRG FIG.012
	13	GSEP	314792.839	5843962.615		600	900				300	246.288	247.630	1.337	REFER TO GAA STD DRG FIG.012
EX23		JP	314,826.131	5,843,893.180		600	900		375	246.823			247.910	1.137	REFER TO GAA STD DRG FIG.014
	14	JP	314,823.187	5,843,894.401		600	900		300	246.914	375	246.839	247.943	1.104	REFER TO GAA STD DRG FIG.014
	15	JP	314,821.734	5,843,890.886		600	900		300	246.983	300	246.933	247.972	1.039	REFER TO GAA STD DRG FIG.014
	16	JP	314,781.072	5,843,907.695		600	900		300	247.311	300	247.261	248.350	1.089	REFER TO GAA STD DRG FIG.014
	17	JP	314,736.510	5,843,926.116		600	600		225	247.868	300	247.793	248.692	0.898	REFER TO GAA STD DRG FIG.014
	18	JP	314,734.525	5,843,926.362		600	600		225	247.938	225	247.888	248.726	0.837	REFER TO GAA STD DRG FIG.014
	19	JP	314,732.122	5,843,906.934		600	600				225	248.109	248.785	0.676	REFER TO GAA STD DRG FIG.014
EX11		GSEP	314,808.496	5,843,849.559	T	600	900		600	245.804			247.846	2.042	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	20	GSEP	314,786.192	5,843,858.779	B	900	900								
					T	600	900		375	246.150	600	245.925	248.098	2.174	HAUNCHED GSEP. REFER TO GAA STD DRG FIG.012 & HCC STD DRG SD245
	21	GSEP	314,762.142	5,843,868.720		600	900		375	246.900	375	246.850	248.340	1.490	REFER TO GAA STD DRG FIG.012
	22	GSEP	314,731.732	5,843,880.982					300	246.925					
						600	900		300	247.139	375	247.064	248.506	1.443	REFER TO GAA STD DRG FIG.012
									300	247.139					
									375	247.114					
	23	GSEP	314,706.741	5,843,884.632		600	900		300	247.568	300	247.518	248.638	1.120	REFER TO GAA STD DRG FIG.012
	24	GSEP	314,697.485	5,843,877.414		600	900				300	247.803	248.868	1.065	REFER TO GAA STD DRG FIG.012
	25	GSEP	314,765.401	5,843,876.604		600	900				300	247.138	248.341	1.202	REFER TO GAA STD DRG FIG.012
	26	GSEP	314,734.035	5,843,889.006		600	900				300	247.306	248.504	1.198	REFER TO GAA STD DRG FIG.012
	27	JP	314,779.505	5,843,857.129		600	900		375	246.654	375	246.604	248.210	1.606	REFER TO GAA STD DRG FIG.014
	28	GSEP	314,774.981	5,843,852.242		600	900		375	246.737	375	246.687	248.250	1.563	REFER TO GAA STD DRG FIG.012
	29	GSEP	314,766.543	5,843,853.286		600	900		375	246.830	375	246.780	248.250	1.470	REFER TO GAA STD DRG FIG.012
									300	246.855					
	30 (FUT)	GSEP	314,756.037	5,843,768.350		600	900				375	247.478	248.921	1.443	REFER TO GAA STD DRG FIG.012
	29A	GSEP	314,767.454	5,843,860.983		600	900				300	247.165	248.214	1.049	REFER TO GAA STD DRG FIG.012
	22A (FUT)	JP	314,722.862	5,843,809.283		600	900				375	248.042	249.120	1.078	REFER TO GAA STD DRG FIG.014

LEGEND



DENOTES CLASS 2 CRUSHED ROCK BACKFILL



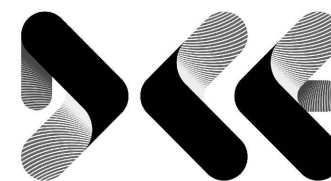
DENOTES ENGINEERED FILL TO BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT PREPARED BY GOLDER ASSOCIATES. ENGINEERING FILL TO BE APPROVED BY HUME CITY COUNCIL REFER TO DWG 11735TD01 NOTES, WITH LEVEL 1 SUPERVISION IN ACCORDANCE WITH AS3798-2007.

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

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
DRAINAGE LONGITUDINAL SECTIONS
SHEET 04 OF 04
Drawing No. 11734DR04 Rev 1
Sheet No. 16 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



DALTON
CONSULTING
ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

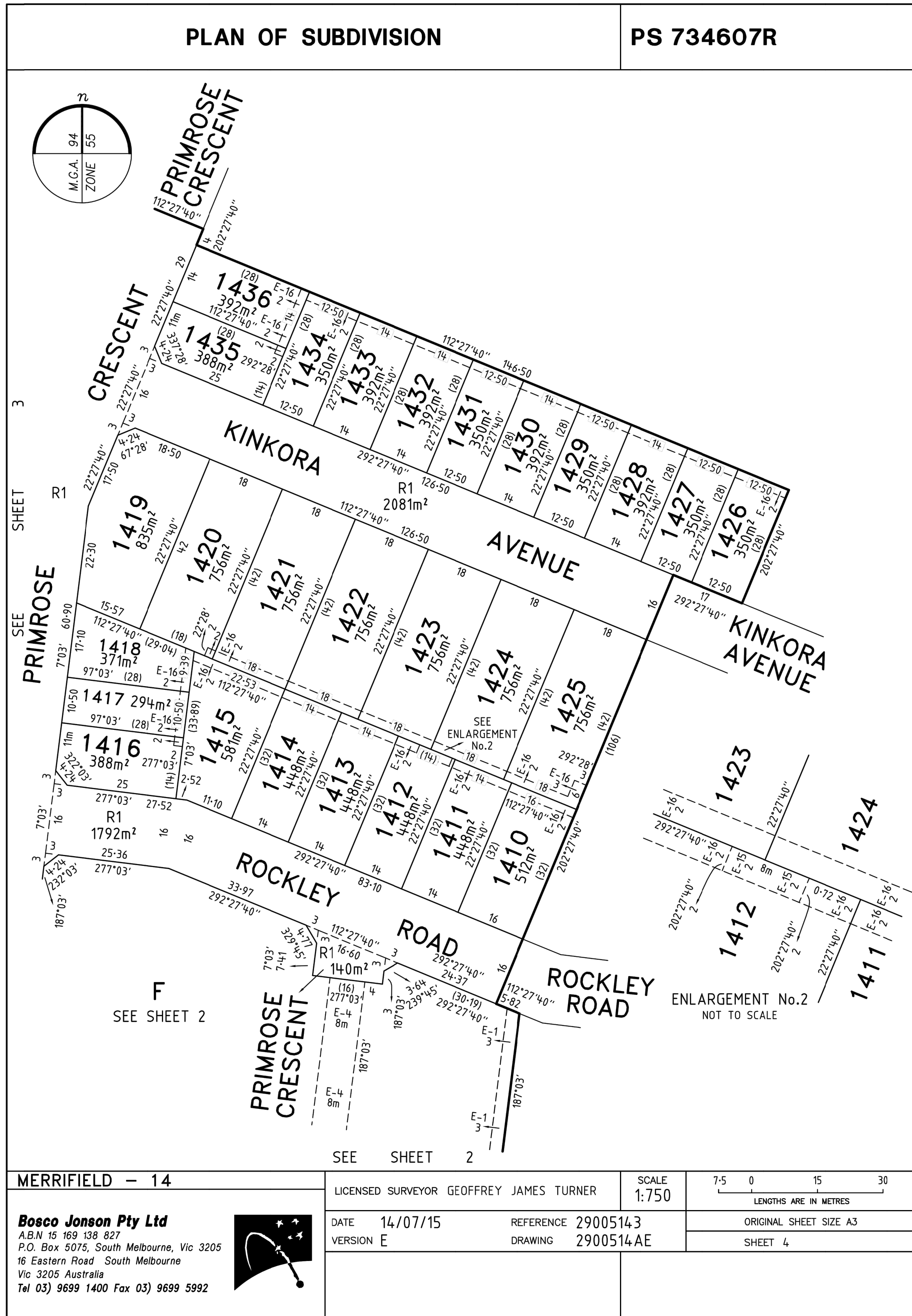
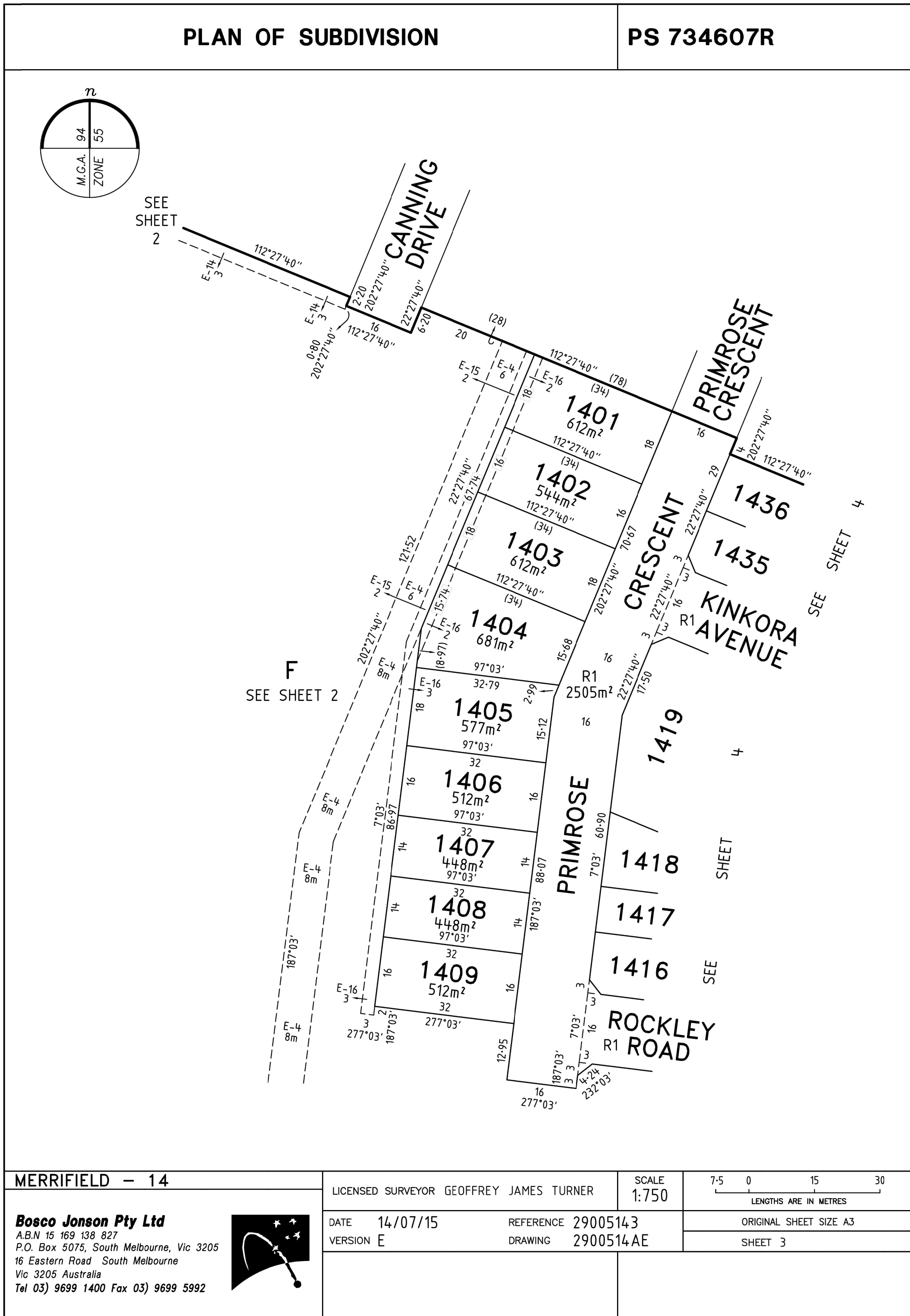
Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

Drawing File: G:\design\11700\11734-merrifield - precinct 1 - stage 14\cad\RD\11734F0501.dwg - 11734F0501
Date/Time: Fri Apr 22, 2016 12:03pm - ByronShade

PLAN OF SUBDIVISION		EDITION	PS 734607R	
LOCATION OF LAND PARISH: MICKLEHAM TOWNSHIP: - SECTION: - CROWN ALLOTMENT: - CROWN PORTION: 24 (PART) TITLE REFERENCE: VOL FOL LAST PLAN REFERENCE: LOT E ON PS734606T POSTAL ADDRESS: DONNYBROOK ROAD (at time of subdivision) MICKLEHAM 3064 MGA 94 CO-ORDINATES: E 314 690 Zone: 55 N 5 843 850 (approx. centre of land in plan)				
VESTING OF ROADS AND/OR RESERVES		NOTATIONS		
IDENTIFIER	COUNCIL/BODY/PERSON	STAGING		
ROAD R1	HUME CITY COUNCIL	This is is not a staged subdivision Planning Permit No. P16701		
		DEPTH LIMITATION DOES NOT APPLY		
		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		
OTHER PURPOSE OF PLAN		LAND SUBDIVIDED (EXCLUDING LOT F) - 2:487ha		
TO REMOVE THAT PART OF DRAINAGE EASEMENT E-4 ON PS734606T NOW CONTAINED IN LOTS 1412, 1423, 1424, 1429, 1430, KINKORA AVENUE, ROCKLEY ROAD AND PRIMROSE CRESCENT ON THIS PLAN		LOTS 1 TO 1400 AND A TO E (ALL INCLUSIVE) HAVE BEEN OMITTED FROM THIS PLAN		
TO REMOVE THE WHOLE OF DRAINAGE EASEMENT E-26 ON PS734606T NOW CONTAINED IN LOTS 1426, 1427, 1428 AND 1429 ON THIS PLAN		EASEMENTS E-2, E-3, E-5, E-7, E-8, E-9, E-10 AND E-12 HAVE BEEN OMITTED FROM 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				
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-4	DRAINAGE	SEE DIAG	PS711404L	HUME CITY COUNCIL
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-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
E-14	DRAINAGE	SEE DIAG	PS734606T	HUME CITY COUNCIL
E-14	SEWERAGE	SEE DIAG	PS734606T	YARRA VALLEY WATER CORPORATION
E-15	DRAINAGE	SEE DIAG	PS711404L	HUME CITY COUNCIL
E-15	SEWERAGE	SEE DIAG	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-16	DRAINAGE	SEE DIAG	THIS PLAN	HUME CITY COUNCIL
E-16	SEWERAGE	SEE DIAG	THIS PLAN	YARRA VALLEY WATER CORPORATION
MERRIFIELD - 14		LICENSED SURVEYOR GEOFFREY JAMES TURNER		
36 LOTS AND BALANCE LOT F				
Bosco Jonson Pty Ltd A.B.N 15 169 138 827 P.O. Box 5075, South Melbourne, Vic 3205 16 Eastern Road South Melbourne Vic 3205 Australia Tel 03) 9699 1400 Fax 03) 9699 5992		DATE 14/07/15 REFERENCE 29005143 VERSION E DRAWING 2900514AE		ORIGINAL SHEET SIZE A3 SHEET 1 OF 6 SHEETS

PLAN OF SUBDIVISION		PS 734607R	
PLAN OF SUBDIVISION PS 734607R LOT F 9.167ha LOT 1401 LOT 1402 LOT 1403 LOT 1404 LOT 1405 LOT 1406 LOT 1407 LOT 1408 LOT 1409 LOT 1410 LOT 1411 LOT 1412 LOT 1413 LOT 1414 LOT 1415 LOT 1416 LOT 1417 LOT 1418 LOT 1419 LOT 1420 LOT 1421 LOT 1422 LOT 1423 LOT 1424 LOT 1425 LOT 1426 LOT 1427 LOT 1428 LOT 1429 LOT 1430 LOT 1431 LOT 1432 LOT 1433 LOT 1434 LOT 1435 LOT 1436 LOT 1437 LOT 1438 LOT 1439 LOT 1440 LOT 1441 LOT 1442 LOT 1443 LOT 1444 LOT 1445 LOT 1446 LOT 1447 LOT 1448 LOT 1449 LOT 1450 LOT 1451 LOT 1452 LOT 1453 LOT 1454 LOT 1455 LOT 1456 LOT 1457 LOT 1458 LOT 1459 LOT 1460 LOT 1461 LOT 1462 LOT 1463 LOT 1464 LOT 1465 LOT 1466 LOT 1467 LOT 1468 LOT 1469 LOT 1470 LOT 1471 LOT 1472 LOT 1473 LOT 1474 LOT 1475 LOT 1476 LOT 1477 LOT 1478 LOT 1479 LOT 1480 LOT 1481 LOT 1482 LOT 1483 LOT 1484 LOT 1485 LOT 1486 LOT 1487 LOT 1488 LOT 1489 LOT 1490 LOT 1491 LOT 1492 LOT 1493 LOT 1494 LOT 1495 LOT 1496 LOT 1497 LOT 1498 LOT 1499 LOT 1500 LOT 1501 LOT 1502 LOT 1503 LOT 1504 LOT 1505 LOT 1506 LOT 1507 LOT 1508 LOT 1509 LOT 1510 LOT 1511 LOT 1512 LOT 1513 LOT 1514 LOT 1515 LOT 1516 LOT 1517 LOT 1518 LOT 1519 LOT 1520 LOT 1521 LOT 1522 LOT 1523 LOT 1524 LOT 1525 LOT 1526 LOT 1527 LOT 1528 LOT 1529 LOT 1530 LOT 1531 LOT 1532 LOT 1533 LOT 1534 LOT 1535 LOT 1536 LOT 1537 LOT 1538 LOT 1539 LOT 1540 LOT 1541 LOT 1542 LOT 1543 LOT 1544 LOT 1545 LOT 1546 LOT 1547 LOT 1548 LOT 1549 LOT 1550 LOT 1551 LOT 1552 LOT 1553 LOT 1554 LOT 1555 LOT 1556 LOT 1557 LOT 1558 LOT 1559 LOT 1560 LOT 1561 LOT 1562 LOT 1563 LOT 1564 LOT 1565 LOT 1566 LOT 1567 LOT 1568 LOT 1569 LOT 1570 LOT 1571 LOT 1572 LOT 1573 LOT 1574 LOT 1575 LOT 1576 LOT 1577 LOT 1578 LOT 1579 LOT 1580 LOT 1581 LOT 1582 LOT 1583 LOT 1584 LOT 1585 LOT 1586 LOT 1587 LOT 1588 LOT 1589 LOT 1590 LOT 1591 LOT 1592 LOT 1593 LOT 1594 LOT 1595 LOT 1596 LOT 1597 LOT 1598 LOT 1599 LOT 1600 LOT 1601 LOT 1602 LOT 1603 LOT 1604 LOT 1605 LOT 1606 LOT 1607 LOT 1608 LOT 1609 LOT 1610 LOT 1611 LOT 1612 LOT 1613 LOT 1614 LOT 1615 LOT 1616 LOT 1617 LOT 1618 LOT 1619 LOT 1620 LOT 1621 LOT 1622 LOT 1623 LOT 1624 LOT 1625 LOT 1626 LOT 1627 LOT 1628 LOT 1629 LOT 1630 LOT 1631 LOT 1632 LOT 1633 LOT 1634 LOT 1635 LOT 1636 LOT 1637 LOT 1638 LOT 1639 LOT 1640 LOT 1641 LOT 1642 LOT 1643 LOT 1644 LOT 1645 LOT 1646 LOT 1647 LOT 1648 LOT 1649 LOT 1650 LOT 1651 LOT 1652 LOT 1653 LOT 1654 LOT 1655 LOT 1656 LOT 1657 LOT 1658 LOT 1659 LOT 1660 LOT 1661 LOT 1662 LOT 1663 LOT 1664 LOT 1665 LOT 1666 LOT 1667 LOT 1668 LOT 1669 LOT 1670 LOT 1671 LOT 1672 LOT 1673 LOT 1674 LOT 1675 LOT 1676 LOT 1677 LOT 1678 LOT 1679 LOT 1680 LOT 1681 LOT 1682 LOT 1683 LOT 1684 LOT 1685 LOT 1686 LOT 1687 LOT 1688 LOT 1689 LOT 1690 LOT 1691 LOT 1692 LOT 1693 LOT 1694 LOT 1695 LOT 1696 LOT 1697 LOT 1698 LOT 1699 LOT 1700 LOT 1701 LOT 1702 LOT 1703 LOT 1704 LOT 1705 LOT 1706 LOT 1707 LOT 1708 LOT 1709 LOT 1710 LOT 1711 LOT 1712 LOT 1713 LOT 1714 LOT 1715 LOT 1716 LOT 1717 LOT 1718 LOT 1719 LOT 1720 LOT 1721 LOT 1722 LOT 1723 LOT 1724 LOT 1725 LOT 1726 LOT 1727 LOT 1728 LOT 1729 LOT 1730 LOT 1731 LOT 1732 LOT 1733 LOT 1734 LOT 1735 LOT 1736 LOT 1737 LOT 1738 LOT 1739 LOT 1740 LOT 1741 LOT 1742 LOT 1743 LOT 1744 LOT 1745 LOT 1746 LOT 1747 LOT 1748 LOT 1749 LOT 1750 LOT 1751 LOT 1752 LOT 1753 LOT 1754 LOT 1755 LOT 1756 LOT 1757 LOT 1758 LOT 1759 LOT 1760 LOT 1761 LOT 1762 LOT 1763 LOT 1764 LOT 1765 LOT 1766 LOT 1767 LOT 1768 LOT 1769 LOT 1770 LOT 1771 LOT 1772 LOT 1773 LOT 1774 LOT 1775 LOT 1776 LOT 1777 LOT 1778 LOT 1779 LOT 1780 LOT 1781 LOT 1782 LOT 1783 LOT 1784 LOT 1785 LOT 1786 LOT 1787 LOT 1788 LOT 1789 LOT 1790 LOT 1791 LOT 1792 LOT 1793 LOT 1794 LOT 1795 LOT 1796 LOT 1797 LOT 1798 LOT 1799 LOT 1800 LOT 1801 LOT 1802 LOT 1803 LOT 1804 LOT 1805 LOT 1806 LOT 1807 LOT 1808 LOT 1809 LOT 1810 LOT 1811 LOT 1812 LOT 1813 LOT 1814 LOT 1815 LOT 1816 LOT 1817 LOT 1818 LOT 1819 LOT 1820 LOT 1821 LOT 1822 LOT 1823 LOT 1824 LOT 1825 LOT 1826 LOT 1827 LOT 1828 LOT 1829 LOT 1830 LOT 1831 LOT 1832 LOT 1833 LOT 1834 LOT 1835 LOT 1836 LOT 1837 LOT 1838 LOT 1839 LOT 1840 LOT 1841 LOT 1842 LOT 1843 LOT 1844 LOT 1845 LOT 1846 LOT 1847 LOT 1848 LOT 1849 LOT 1850 LOT 1851 LOT 1852 LOT 1853 LOT 1854 LOT 1855 LOT 1856 LOT 1857 LOT 1858 LOT 1859 LOT 1860 LOT 1861 LOT 1862 LOT 1863 LOT 1864 LOT 1865 LOT 1866 LOT 1867 LOT 1868 LOT 1869 LOT 1870 LOT 1871 LOT 1872 LOT 1873 LOT 1874 LOT 1875 LOT 1876 LOT 1877 LOT 1878 LOT 1879 LOT 1880 LOT 1881 LOT 1882 LOT 1883 LOT 1884 LOT 1885 LOT 1886 LOT 1887 LOT 1888 LOT 1889 LOT 1890 LOT 1891 LOT 1892 LOT 1893 LOT 1894 LOT 1895 LOT 1896 LOT 1897 LOT 1898 LOT 1899 LOT 1900 LOT 1901 LOT 1902 LOT 1903 LOT 1904 LOT 1905 LOT 1906 LOT 1907 LOT 1908 LOT 1909 LOT 1910 LOT 1911 LOT 1912 LOT 1913 LOT 1914 LOT 1915 LOT 1916 LOT 1917 LOT 1918 LOT 1919 LOT 1920 LOT 1921 LOT 1922 LOT 1923 LOT 1924 LOT 1925 LOT 1926 LOT 1927 LOT 1928 LOT 1929 LOT 1930 LOT 1931 LOT 1932 LOT 1933 LOT 1934 LOT 1935 LOT 1936 LOT 1937 LOT 1938 LOT 1939 LOT 1940 LOT 1941 LOT 1942 LOT 1943 LOT 1944 LOT 1945 LOT 1946 LOT 1947 LOT 1948 LOT 1949 LOT 1950 LOT 1951 LOT 1952 LOT 1953 LOT 1954 LOT 1955 LOT 1956 LOT 1957 LOT 1958 LOT 1959 LOT 1960 LOT 1961 LOT 1962 LOT 1963 LOT 1964 LOT 1965 LOT 1966 LOT 1967 LOT 1968 LOT 1969 LOT 1970 LOT 1971 LOT 1972 LOT 1973 LOT 1974 LOT 1975 LOT 1976 LOT 1977 LOT 1978 LOT 1979 LOT 1980 LOT 1981 LOT 1982 LOT 1983 LOT 1984 LOT 1985 LOT 1986 LOT 1987 LOT 1988 LOT 1989 LOT 1990 LOT 1991 LOT 1992 LOT 1993 LOT 1994 LOT 1995 LOT 1996 LOT 1997 LOT 1998 LOT 1999 LOT 2000 LOT 2001 LOT 2002 LOT 2003 LOT 2004 LOT 2005 LOT 2006 LOT 2007 LOT 2008 LOT 2009 LOT 2010 LOT 2011 LOT 2012 LOT 2013 LOT 2014 LOT 2015 LOT 2016 LOT 2017 LOT 2018 LOT 2019 LOT 2020 LOT 2021 LOT 2022 LOT 2023 LOT 2024 LOT 2025 LOT 2026 LOT 2027 LOT 2028 LOT 2029 LOT 2030 LOT 2031 LOT 2032 LOT 2033 LOT 2034 LOT 2035 LOT 2036 LOT 2037 LOT 2038 LOT 2039 LOT 2040 LOT 2041 LOT 2042 LOT 2043 LOT 2044 LOT 2045 LOT 2046 LOT 2047 LOT 2048 LOT 2049 LOT 2050 LOT 2051 LOT 2052 LOT 2053 LOT 2054 LOT 2055 LOT 2056 LOT 2057 LOT 2058 LOT 2059 LOT 2060 LOT 2061 LOT 2062 LOT 2063 LOT 2064 LOT 2065 LOT 2066 LOT 2067 LOT 2068 LOT 2069 LOT 2070 LOT 2071 LOT 2072 LOT 2073 LOT 2074 LOT 2075 LOT 2076 LOT 2077 LOT 2078 LOT 2079 LOT 2080 LOT 2081 LOT 2082 LOT 2083 LOT 2084 LOT 2085 LOT 2086 LOT 2087 LOT 2088 LOT 2089 LOT 2090 LOT 2091 LOT 2092 LOT 2093 LOT 2094 LOT 2095 LOT 2096 LOT 2097 LOT 2098 LOT 2099 LOT 2100 LOT 2101 LOT 2102 LOT 2103 LOT 2104 LOT 2105 LOT 2106 LOT 2107 LOT 2108 LOT 2109 LOT 2110 LOT 2111 LOT 2112 LOT 2113 LOT 2114 LOT 2115 LOT 2116 LOT 2117 LOT 2118 LOT 2119 LOT 2120 LOT 2121 LOT 2122 LOT 2123 LOT 2124 LOT 2125 LOT 2126 LOT 2127 LOT 2128 LOT 2129 LOT 2130 LOT 2131 LOT 2132 LOT 2133 LOT 2134 LOT 2135 LOT 2136 LOT 2137 LOT 2138 LOT 2139 LOT 2140 LOT 2141 LOT 2142 LOT 2143 LOT 2144 LOT 2145 LOT 2146 LOT 2147 LOT 2148 LOT 2149 LOT 2150 LOT 2151 LOT 2152 LOT 2153 LOT 2154 LOT 2155 LOT 2156 LOT 2157 LOT 2158 LOT 2159 LOT 2160 LOT 2161 LOT 2162 LOT 2163 LOT 2164 LOT 2165 LOT 2166 LOT 2167 LOT 2168 LOT 2169 LOT 2170 LOT 2171 LOT 2172 LOT 2173 LOT 2174 LOT 2175 LOT 2176 LOT 2177 LOT 2178 LOT 2179 LOT 2180 LOT 2181 LOT 2182 LOT 2183 LOT 2184 LOT 2185 LOT 2186 LOT 2187 LOT 2188 LOT 2189 LOT 2190 LOT 2191 LOT 2192 LOT 2193 LOT 2194 LOT 2195 LOT 2196 LOT 2197 LOT 2198 LOT 2199 LOT 2200 LOT 2201 LOT 2202 LOT 2203 LOT 2204 LOT 2205 LOT 2206 LOT 2207 LOT 2208 LOT 2209 LOT 2210 LOT 2211 LOT 2212 LOT 2213 LOT 2214 LOT 2215 LOT 2216 LOT 2217 LOT 2218 LOT 2219 LOT 2220 LOT 2221 LOT 2222 LOT 2223 LOT 2224 LOT 2225 LOT 2226 LOT 2227 LOT 2228 LOT 2229 LOT 2230 LOT 2231 LOT 2232 LOT 2233 LOT 2234 LOT 2235 LOT 2236 LOT 2237 LOT 2238 LOT 2239 LOT 2240 LOT 2241 LOT 2242 LOT 2243 LOT 2244 LOT 2245 LOT 2246 LOT 2247 LOT 2248 LOT 2249 LOT 2250 LOT 2251 LOT 2252 LOT 2253 LOT 2254 LOT 2255 LOT 2256 LOT 2257 LOT 2258 LOT 2259 LOT 2260 LOT 2261 LOT 2262 LOT 2263 LOT 2264 LOT 2265 LOT 2266 LOT 2267 LOT 2268 LOT 2269 LOT 2270 LOT 2271 LOT 2272 LOT 2273 LOT 2274 LOT 2275 LOT 2276 LOT 2277 LOT 2278 LOT 2279 LOT 2280 LOT 2281 LOT 2282 LOT 2283 LOT 2284 LOT 2285 LOT 2286 LOT 2287 LOT 2288 LOT 2289 LOT 2290 LOT 2291 LOT 2292 LOT 2293 LOT 2294 LOT 2295 LOT 2296 LOT 2297 LOT 2298 LOT 2299 LOT 2300 LOT 2301 LOT 2302 LOT 2303 LOT 2304 LOT 2305 LOT 2306 LOT 2307 LOT 2308 LOT 2309 LOT 2310 LOT 2311 LOT 2312 LOT 2313 LOT 2314 LOT 2315 LOT 2316 LOT 2317 LOT 2318 LOT 2319 LOT 2320			

Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\cad\RD\11734POS02.dwg - 11734POS02
Date/Time: Fri Apr 22, 2016 - 12:03pm - ByronShade



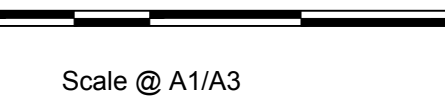
1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871018
Designed K.PHAL
Date 25/06/15
AN 1871018
Verified S.LEA
Date 25/06/15
AN 1061852
Audited T.OBOUHOFF
Date 16/11/15
AN 912623
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884805

AS CONSTRUCTED

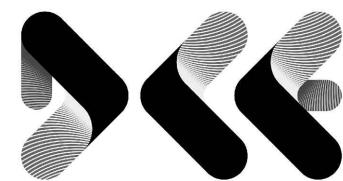


Coords: MGA
Levels: AHD



Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
PLAN OF SUBDIVISION
SHEET 02 OF 03
Drawing No. 11734POS02 Rev 1
Sheet No. 18 **AS CONSTRUCTED**
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

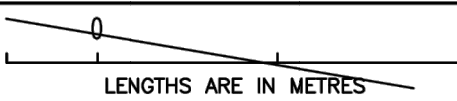


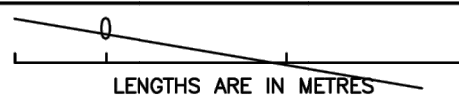
VICTORIA
T 61 3 9888 6866
W dceng.com.au

DALTON CONSULTING ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

Downing File: G:\design\da\11700\11734-merrifield - precinct 1 - stage 14\cad\RD\11734POS03.dwg - 11734POS03
Date/Time: Fri Apr 22, 2016 - 12:03pm --byron.shade--

PLAN OF SUBDIVISION		PS 734607R																																																																											
CREATION OF RESTRICTION A UPON REGISTRATION OF THIS PLAN THE FOLLOWING RESTRICTION IS CREATED																																																																													
DESCRIPTION OF RESTRICTION TABLE OF LAND BURDENED AND LAND BENEFITED																																																																													
<table><thead><tr><th>BURDENED LOT No.</th><th>BENEFITING LOTS ON THIS PLAN</th></tr></thead><tbody><tr><td>1401</td><td>1402</td></tr><tr><td>1402</td><td>1401, 1403</td></tr><tr><td>1403</td><td>1402, 1404</td></tr><tr><td>1404</td><td>1403, 1405</td></tr><tr><td>1405</td><td>1404, 1406</td></tr><tr><td>1406</td><td>1405, 1407</td></tr><tr><td>1407</td><td>1406, 1408</td></tr><tr><td>1408</td><td>1407, 1409</td></tr><tr><td>1409</td><td>1408</td></tr><tr><td>1410</td><td>1411, 1425</td></tr><tr><td>1411</td><td>1410, 1412, 1424, 1425</td></tr><tr><td>1412</td><td>1411, 1413, 1423, 1424</td></tr><tr><td>1413</td><td>1412, 1414, 1422, 1423</td></tr><tr><td>1414</td><td>1413, 1415, 1422</td></tr><tr><td>1415</td><td>1414, 1416, 1417, 1418, 1420, 1421</td></tr><tr><td>1416</td><td>1415, 1417</td></tr><tr><td>1418</td><td>1415, 1417, 1419, 1420</td></tr><tr><td>1419</td><td>1418, 1420</td></tr></tbody></table>		BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN	1401	1402	1402	1401, 1403	1403	1402, 1404	1404	1403, 1405	1405	1404, 1406	1406	1405, 1407	1407	1406, 1408	1408	1407, 1409	1409	1408	1410	1411, 1425	1411	1410, 1412, 1424, 1425	1412	1411, 1413, 1423, 1424	1413	1412, 1414, 1422, 1423	1414	1413, 1415, 1422	1415	1414, 1416, 1417, 1418, 1420, 1421	1416	1415, 1417	1418	1415, 1417, 1419, 1420	1419	1418, 1420	<table><thead><tr><th>BURDENED LOT No.</th><th>BENEFITING LOTS ON THIS PLAN</th></tr></thead><tbody><tr><td>1420</td><td>1415, 1418, 1419, 1421</td></tr><tr><td>1421</td><td>1415, 1420, 1422</td></tr><tr><td>1422</td><td>1413, 1414, 1421, 1423</td></tr><tr><td>1423</td><td>1412, 1413, 1422, 1424</td></tr><tr><td>1424</td><td>1411, 1412, 1423, 1425</td></tr><tr><td>1425</td><td>1410, 1411, 1424</td></tr><tr><td>1426</td><td>1427</td></tr><tr><td>1427</td><td>1426, 1428</td></tr><tr><td>1428</td><td>1427, 1429</td></tr><tr><td>1429</td><td>1428, 1430</td></tr><tr><td>1430</td><td>1429, 1431</td></tr><tr><td>1431</td><td>1430, 1432</td></tr><tr><td>1432</td><td>1431, 1433</td></tr><tr><td>1433</td><td>1432, 1434</td></tr><tr><td>1434</td><td>1433, 1435, 1436</td></tr><tr><td>1435</td><td>1434, 1436</td></tr><tr><td>1436</td><td>1434, 1435</td></tr></tbody></table>		BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN	1420	1415, 1418, 1419, 1421	1421	1415, 1420, 1422	1422	1413, 1414, 1421, 1423	1423	1412, 1413, 1422, 1424	1424	1411, 1412, 1423, 1425	1425	1410, 1411, 1424	1426	1427	1427	1426, 1428	1428	1427, 1429	1429	1428, 1430	1430	1429, 1431	1431	1430, 1432	1432	1431, 1433	1433	1432, 1434	1434	1433, 1435, 1436	1435	1434, 1436	1436	1434, 1435
BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN																																																																												
1401	1402																																																																												
1402	1401, 1403																																																																												
1403	1402, 1404																																																																												
1404	1403, 1405																																																																												
1405	1404, 1406																																																																												
1406	1405, 1407																																																																												
1407	1406, 1408																																																																												
1408	1407, 1409																																																																												
1409	1408																																																																												
1410	1411, 1425																																																																												
1411	1410, 1412, 1424, 1425																																																																												
1412	1411, 1413, 1423, 1424																																																																												
1413	1412, 1414, 1422, 1423																																																																												
1414	1413, 1415, 1422																																																																												
1415	1414, 1416, 1417, 1418, 1420, 1421																																																																												
1416	1415, 1417																																																																												
1418	1415, 1417, 1419, 1420																																																																												
1419	1418, 1420																																																																												
BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN																																																																												
1420	1415, 1418, 1419, 1421																																																																												
1421	1415, 1420, 1422																																																																												
1422	1413, 1414, 1421, 1423																																																																												
1423	1412, 1413, 1422, 1424																																																																												
1424	1411, 1412, 1423, 1425																																																																												
1425	1410, 1411, 1424																																																																												
1426	1427																																																																												
1427	1426, 1428																																																																												
1428	1427, 1429																																																																												
1429	1428, 1430																																																																												
1430	1429, 1431																																																																												
1431	1430, 1432																																																																												
1432	1431, 1433																																																																												
1433	1432, 1434																																																																												
1434	1433, 1435, 1436																																																																												
1435	1434, 1436																																																																												
1436	1434, 1435																																																																												
THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT ON THIS PLAN MUST NOT																																																																													
1. BUILD OR PERMIT TO BE BUILT OR REMAIN ON THE LOT ANY BUILDING OR STRUCTURE OTHER THAN A BUILDING THAT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH PLANS, DRAWINGS, DESIGNS AND SPECIFICATIONS THAT HAVE FIRST BEEN APPROVED BY THE MERRIFIELD LIVING DESIGN REVIEW COMMITTEE IN ACCORDANCE WITH THE “MERRIFIELD LIVING DESIGN GUIDELINES” AS AMENDED FROM TIME TO TIME.																																																																													
2. SUBDIVIDE OR CAUSE TO SUBDIVIDE OR ALLOW TO BE SUBDIVIDED THE BURDENED LAND.																																																																													
3. BUILD OR PERMIT TO BE BUILT OR REMAIN ON THE LOT MORE THAN ONE DWELLING.																																																																													
MERRIFIELD – 14		LICENSED SURVEYOR GEOFFREY JAMES TURNER	SCALE 																																																																										
Bosco Jonson Pty Ltd A.B.N 15 169 138 827 P.O. Box 5075, South Melbourne, Vic 3205 16 Eastern Road South Melbourne Vic 3205 Australia Tel 03) 9699 1400 Fax 03) 9699 5992 		DATE 14/07/15	REFERENCE 29005143																																																																										
		VERSION E	DRAWING 2900514AE																																																																										
		ORIGINAL SHEET SIZE A3 SHEET 5																																																																											

PLAN OF SUBDIVISION		PS 734607R					
CREATION OF RESTRICTION B UPON REGISTRATION OF THIS PLAN THE FOLLOWING RESTRICTION IS CREATED							
DESCRIPTION OF RESTRICTION TABLE OF LAND BURDENED AND LAND BENEFITED							
<table><thead><tr><th>BURDENED LOTS SUBJECT TO THE SMALL LOT HOUSING CODE</th><th>BENEFITING LOTS ON THIS PLAN</th></tr></thead><tbody><tr><td>1417</td><td>1415, 1416, 1418</td></tr></tbody></table>		BURDENED LOTS SUBJECT TO THE SMALL LOT HOUSING CODE	BENEFITING LOTS ON THIS PLAN	1417	1415, 1416, 1418		
BURDENED LOTS SUBJECT TO THE SMALL LOT HOUSING CODE	BENEFITING LOTS ON THIS PLAN						
1417	1415, 1416, 1418						
THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING FOR ANY BURDENED LOT ON THIS PLAN IN THE TABLE AS A LOT SUBJECT TO THE ‘SMALL LOT HOUSING CODE (TYPE A)’ MUST NOT BUILD OR PERMIT TO BE BUILT OR REMAIN ON THE LOT ANY BUILDING OR STRUCTURE THAT HAS NOT BEEN CONSTRUCTED IN ACCORDANCE WITH THE ‘SMALL LOT HOUSING CODE (TYPE A)’ UNLESS IN ACCORDANCE WITH A PERMIT GRANTED TO CONSTRUCT A DWELLING ON THE LOT. THIS RESTRICTION SHALL CEASE TO HAVE EFFECT AFTER THE ISSUE OF CERTIFICATE OF OCCUPANCY FOR THE WHOLE OF THE DWELLING ON THE LOT.							
MERRIFIELD – 14		LICENSED SURVEYOR GEOFFREY JAMES TURNER	SCALE 				
Bosco Jonson Pty Ltd A.B.N 15 169 138 827 P.O. Box 5075, South Melbourne, Vic 3205 16 Eastern Road South Melbourne Vic 3205 Australia Tel 03) 9699 1400 Fax 03) 9699 5992 		DATE 14/07/15	REFERENCE 29005143				
		VERSION E	DRAWING 2900514AE				
		ORIGINAL SHEET SIZE A3 SHEET 6					

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

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.

Drawn K.PHAL
Date 25/06/15
AN 1871019
Designed K.PHAL
Date 25/06/15
AN 1871019
Verified S.LEA
Date 25/06/15
AN 1061853
Audited T.OBOUHOFF
Date 16/11/15
AN 912624
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884806

AS CONSTRUCTED

merrifield

MAB gpc

Coords: MGA
Levels: AHD

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
PLAN OF SUBDIVISION
SHEET 03 OF 03
Drawing No. 11734POS03 Rev 1
Sheet No. 19 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

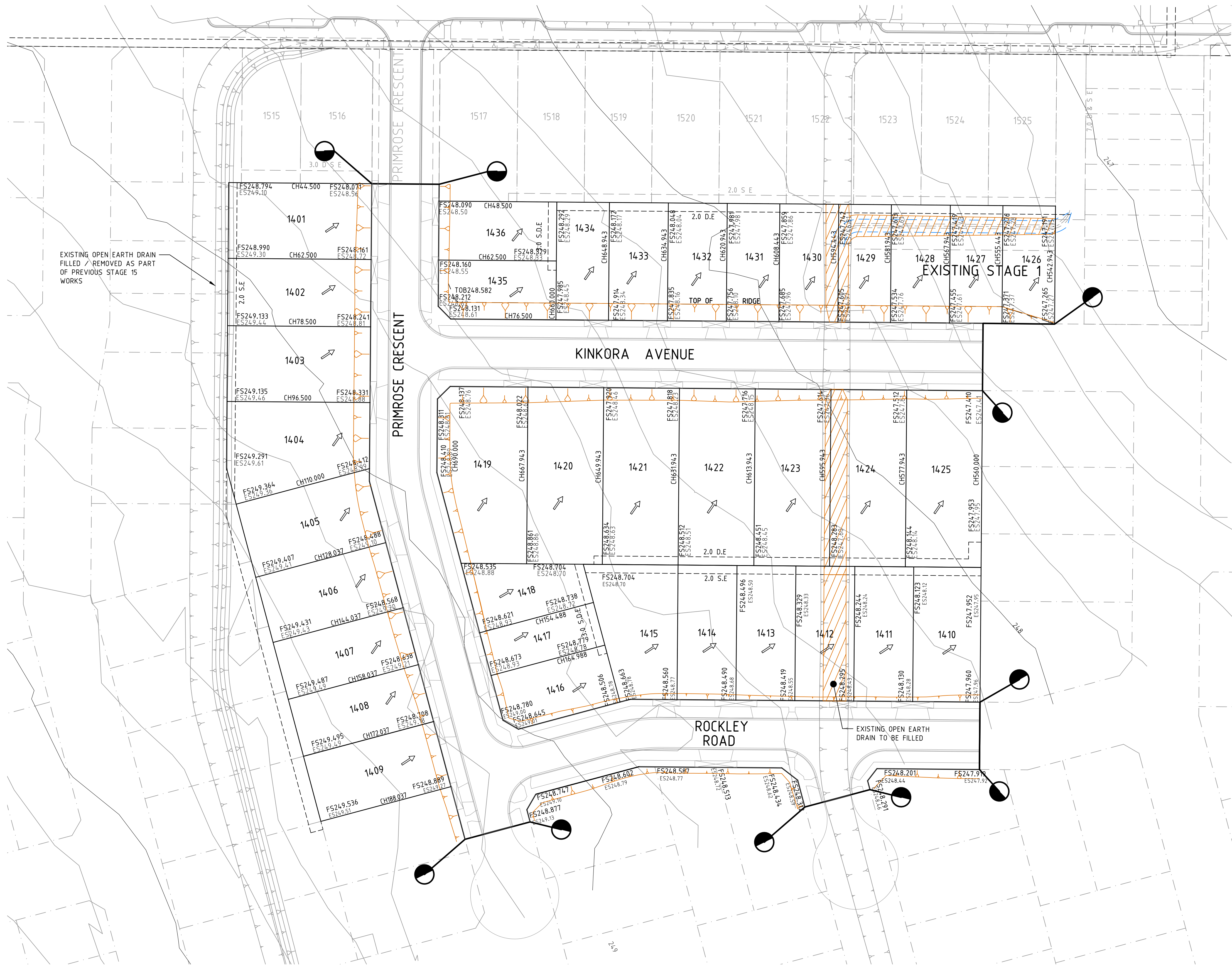
DALTON CONSULTING ENGINEERS

VICTORIA
T 61 3 9888 6866
W dceng.com.au

QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

ABN 78 429 221 049

Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\cad\RD\11734FP01.dwg - 11734FP01
Date/Time: Fri Apr 22, 2016 - 12:03pm - ByronShade



AS CONSTRUCTED

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.

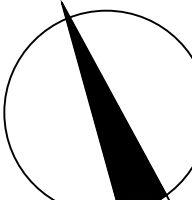
THE EXTENT OF AND DEPTH OF FILL MUST BE CONFIRMED BY A PROPER GEOTECHNICAL INVESTIGATION BY AN EXPERIENCED PRACTITIONER.

1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D

Drawn K.PHAL
Date 25/06/15
AN 1871020
Designed K.PHAL
Date 25/06/15
AN 1871020
Verified S.LEA
Date 25/06/15
AN 1061854
Audited T.OBOUHOFF
Date 16/11/15
AN 912625
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884807

Written dimensions to take precedence over scale. Contractor shall check and verify all dimensions on site. Discrepancies to be brought to the attention of the Superintendent.

- LEGEND
-  LIMIT OF WORKS
 -  EXISTING SURFACE LEVEL
 -  FINISHED SURFACE LEVEL
 -  FILLING OVER 200mm
 -  BATTER LINE

 **merrifield**
MAB gpc

Coords: MGA
Levels: AHD

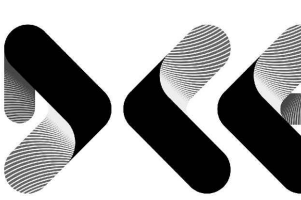
Hor 1:500 0m 5m 10m 20m 30m

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

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 14
FILL PLAN

Drawing No. **11734FP01** Rev **1**
Sheet No. 20 **AS CONSTRUCTED**

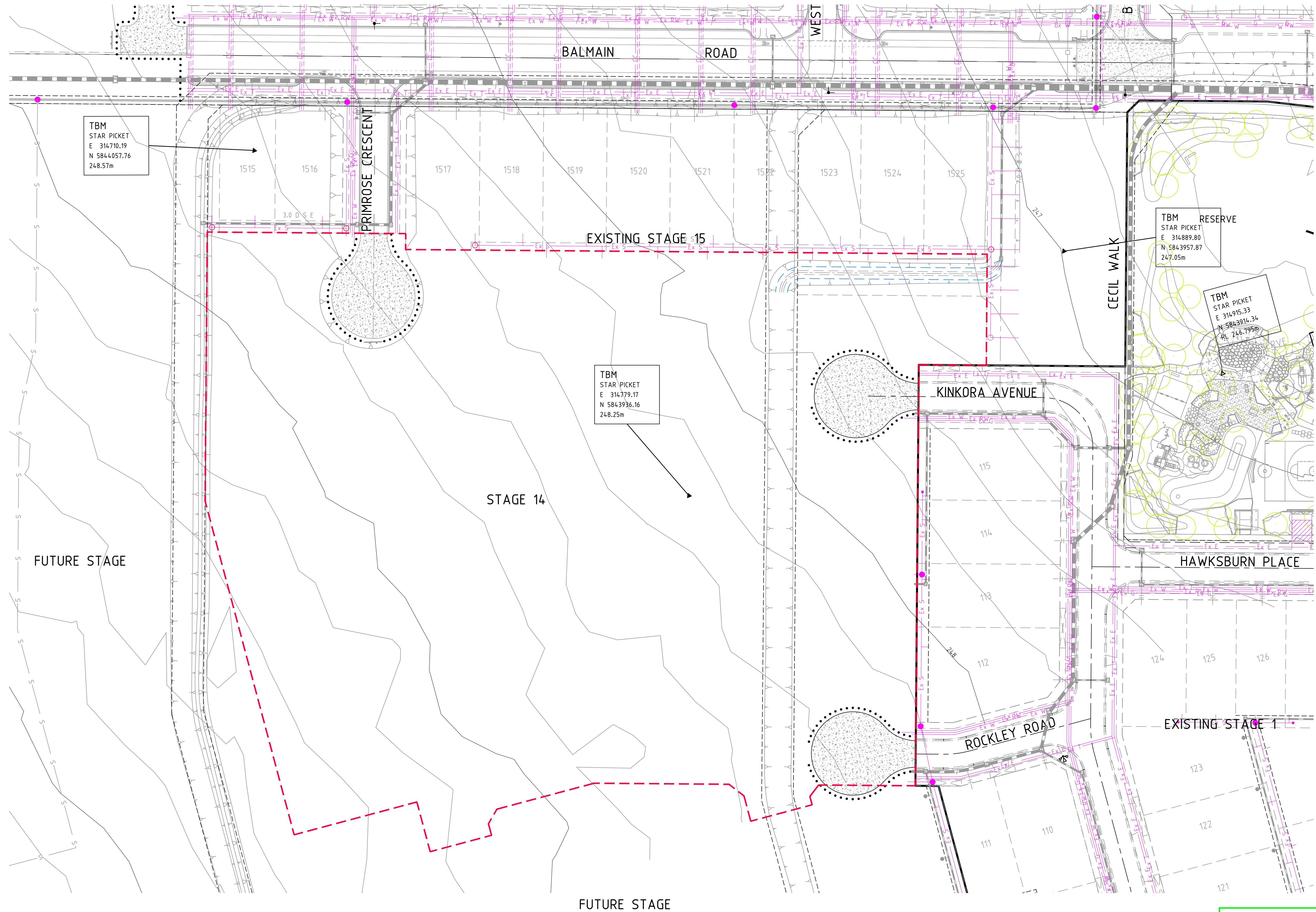
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049

 **DALTON CONSULTING ENGINEERS**

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

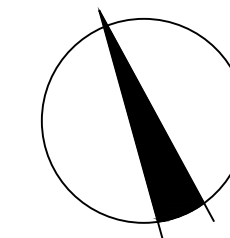
Drawing File: G:\design\11734\11734-merrifield - precinct 1 - stage 14\road\RD\11734EF01.dwg - 11734EF01
Date/Time: Fri Apr 22, 2016 - 12:04pm - ByronShade



1	AS CONSTRUCTED	22/04/16	TL
0	CONSTRUCTION ISSUE	17/11/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn K.PHAL
Date 25/06/15
AN 1871021
Designed K.PHAL
Date 25/06/15
AN 1871021
Verified S.LEA
Date 25/06/15
AN 1061855
Audited T.OBOUHOFF
Date 16/11/15
AN 912626
Approved T.LIAKOPOULOS
Date 17/11/15
AN 884808

LEGEND	
Ex W	EXISTING WATER MAIN
Ex G	EXISTING GAS MAIN
Ex E	EXISTING ELECTRICAL CABLE
Ex S	EXISTING SEWER MAIN & MANHOLE
Ex T	EXISTING TELECOMM. CABLE AND PIT
Ex P	EXISTING ELEC. POLE & O'HEAD LINES
Ex D	EXISTING STORMWATER DRAIN & PIT
Ex T	EXISTING TREES
Ex D	PREVIOUS STAGE SW DRAIN & PIT

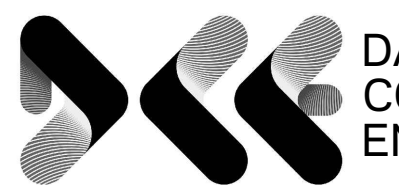


merrifield
MAB gpc

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 14
EXISTING FEATURES PLAN

Drawing No. 11734EF01 **Rev 1**
AS CONSTRUCTED
Sheet No. 21
© Dalton Consulting Engineers Pty Ltd
ABN 78 429 221 049



DALTON CONSULTING ENGINEERS

ABN 78 429 221 049
QUEENSLAND
T 61 7 3217 7234
E info@dceng.com.au

VICTORIA
T 61 3 9888 6866
W dceng.com.au

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.