

MERRIFIELD DEVELOPMENT

STAGE 6

DONNYBROOK ROAD, MICKLEHAM

HUME CITY COUNCIL

FOR

merrifield

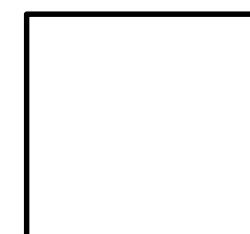


CIVIL DRAWINGS

ROAD AND DRAINAGE

AS CONSTRUCTED

DCE REF : 11726



SET NUMBER:



255 Whitehorse Road
PO Box 349
Belwyn Victoria 3103
Australia
T 61 3 9888 6866
F 61 3 9888 6880
W www.dceprofile.com

56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com

HUME CITY COUNCIL GENERAL NOTES:

1.

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS4000 AMENDED GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED HUME CITY COUNCIL SPECIFICATION AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

2.

COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL, THE CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRECOMMENCEMENT MEETING.

3.

PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
(A) SOURCE OF QUARRY MATERIAL.
(B) N.A.T.A APPROVED TEST RESULTS FOR THE F.C.R. THAT IS TO BE USED.
(C) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THE NEW TEST RESULTS SHALL BE PROVIDED.

4.

PRIOR TO ALL COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, 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 AS3798-2007 LEVEL 1 (OR 2) AS SPECIFIED.

14.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

15.

WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.

16.

NO TREES OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.

17.

BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5M DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORKSAFE VICTORIA.

18.

THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE/FENCES AND FOR ANY RETAINING WALLS OVER 1.0M IN HEIGHT.

19.

ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.

20.

ALL DISTURBED AREAS, ie. 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 ADOL 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 750mm 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 SD0408.
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 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:

- G1.

ALL BLOCKS ARE TO SURFACE GRADE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW SIDE BOUNDARY TO THE POINT OF DISCHARGE.
- G2.

ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- G3.

ALL CHAINAGES REFER TO ROAD RESERVE DESIGN LINES EXCEPT:
- IN COURT HEADS WHERE CHAINAGES REFER TO LIP OF KERB
- KERB RETURNS WHERE CHAINAGES REFER TO LIP OF KERB.
- G4.

GENERALLY B2 KERB AND CHANNEL IS TO BE USED THROUGHOUT THE SUBDIVISION. WHERE OTHER KERB TYPES ARE REQUIRED THEY ARE SPECIFICALLY SHOWN ON THE DRAWINGS.
- G5.

LIP OF ALL KERB RADII ARE 8.60m UNLESS OTHERWISE SHOWN.
- G6.

WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
- G7.

TBMS TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBMS THEREAFTER.
- G8.

ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES.
- G9.

THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD.
- G10.

ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- G11.

VEHICULAR CROSSINGS OF THE TYPE INDICATED ARE TO BE OFFSET 1.5m FROM THE LOT BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. DRIVEWAY GRADES TO BE 1 IN 6 MAX.
- G12.

PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH COUNCIL STANDARDS.
- G13.

ASPHALT FILLETS/RAMPS ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
- G14.

ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- G15.

ALL EASEMENTS ARE 2.0m OR 3.0m WIDE DRAINAGE AND SEWERAGE EASEMENTS UNLESS OTHERWISE SHOWN.
- G16.

CENTRELINES OF ALL SEWERS ARE OFFSET 1.2m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- G17.

CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- G18.

WHERE CURVED PIPES ARE SHOWN ON THE DETAIL PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. ALL DRAINS BEHIND KERBS ARE TO BE LAID AT THE OFFSET SPECIFIED IN THE COUNCIL SPECIFICATION. CURVED PIPES OF DIAMETER LESS THAN 600mm ON LARGE RADIUS CURVES ARE APPROVED BY COUNCIL SUBJECT TO COMPLIANCE WITH MANUFACTURER'S SPECIFICATION.
- G19.

ALL SIDE ENTRY PITS EXCEPT THOSE AT LOW POINTS ARE TO HAVE FLUTES AS SPECIFIED IN THE COUNCIL STANDARD DRAWINGS.
- G20.

ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
- G21.

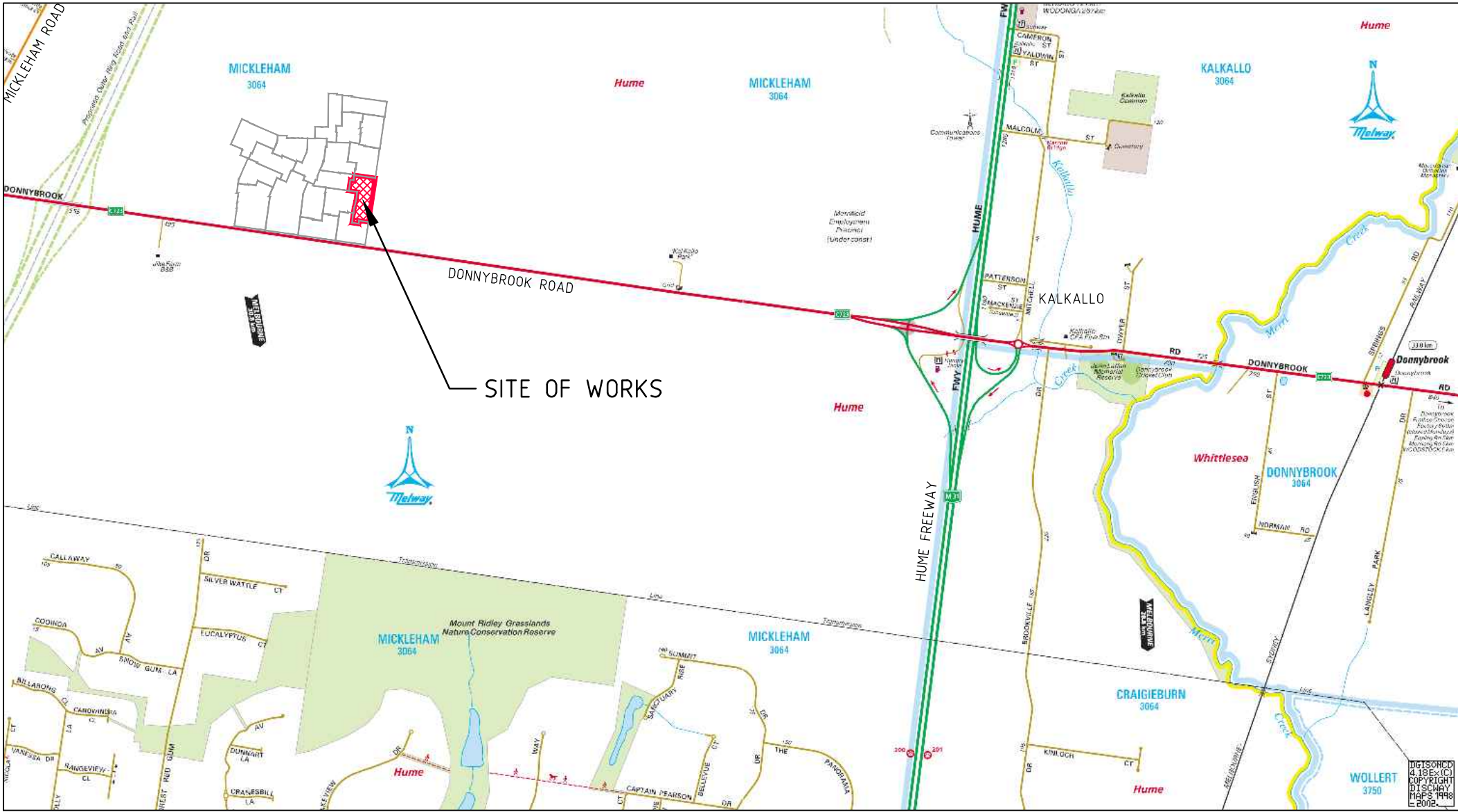
POSITION CONDUITS SO THAT A MINIMUM DISTANCE BETWEEN TAPPINGS IS 1.0m. CONDUITS NOT TO BE LOCATED WITHIN 4.0m OF ALLOTMENT BOUNDARY, UNLESS OTHERWISE SHOWN.
- G22.

WATER TAPPINGS FOR LOTS SITUATED ON THE SAME SIDE AS THE WATERMAIN ARE TO BE LOCATED AT THE CENTRE OF THE LOT. THE KERB IS TO BE MARKED "W" WITH AN ARROW POINTING TO THE TAPPING.
- G23.

GAS TO BE 50mm DIA. CLASS 12 P.V.C. & WATER CONDUITS TO BE 100 DIA. CLASS 12 P.V.C. SINGLE CONDUIT CONTAINING BOTH DW & NDW SERVICES LAID IN ACCORDANCE WITH WSA 03-2002 DUAL WATER SUPPLY SYSTEM STANDARD DRAWING WAT-1806-V
- G24.

ELECTRICITY CONDUITS ARE TO BE LAID WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS :
UNDER ROADS - 0.90m
ELSEWHERE - 0.60m
- G25.

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

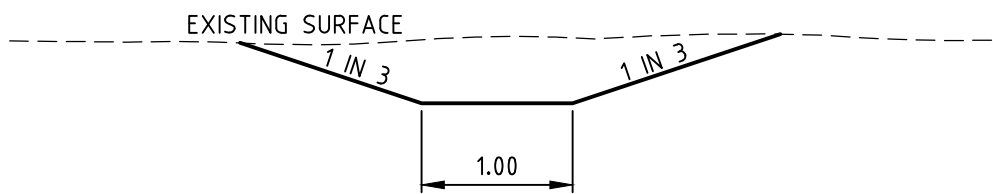


LOCALITY PLAN

MELWAY REF MAP: 366 D3,E4
NTS

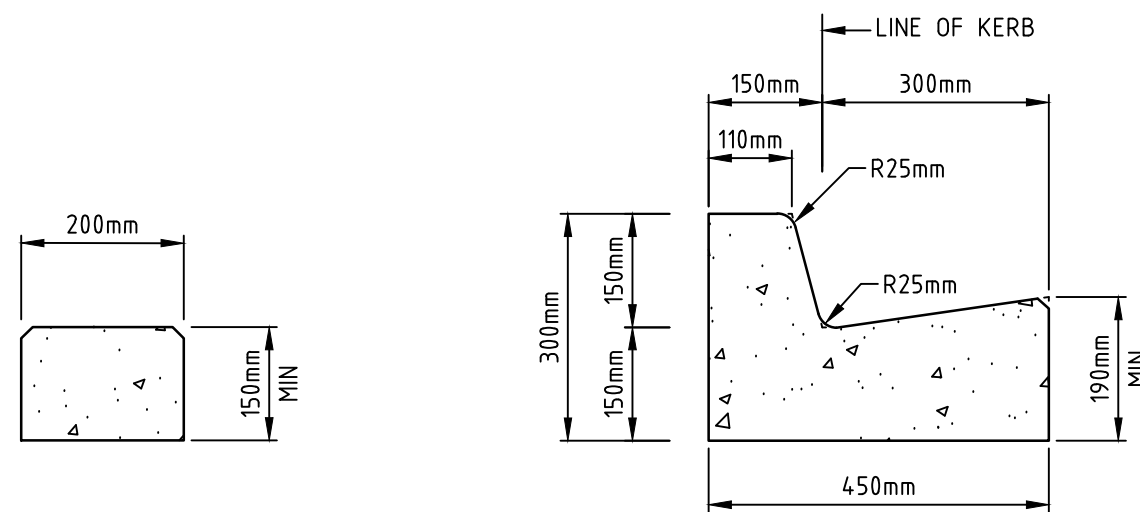
DRAWING INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
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23	11726EF01	EXISTING FEATURES PLAN



TYPICAL SECTIONS
TEMPORARY OPEN EARTH DRAIN

SCALE 1:50



EDGE STRIP

REFER GAA STD. DRG. FIG 008
SCALE 1:10

B2 KERB & CHANNEL

REFER GAA STD. DRG. FIG 008
SCALE 1:10

Drawing File: C:\designdata\11700\11726-MERRIFIELD - Precinct 1 - Stage 6\Acad\VD\11726TD01.dwg - 11726TD01
Date/Time: Fri Jul 03, 2015 - 9:21am --Byron.Shade--

1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031106
Verified BG Date 09/10/14
AN 161877
Audited SL Date 06/02/15
AN 1061665
Approved TL Date 13/02/15
AN 883540
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

AS CONSTRUCTED

Coords: MGA
Levels: AHD

Scale @ A1/A3 AS SHOWN

merrifield
MAB gpc

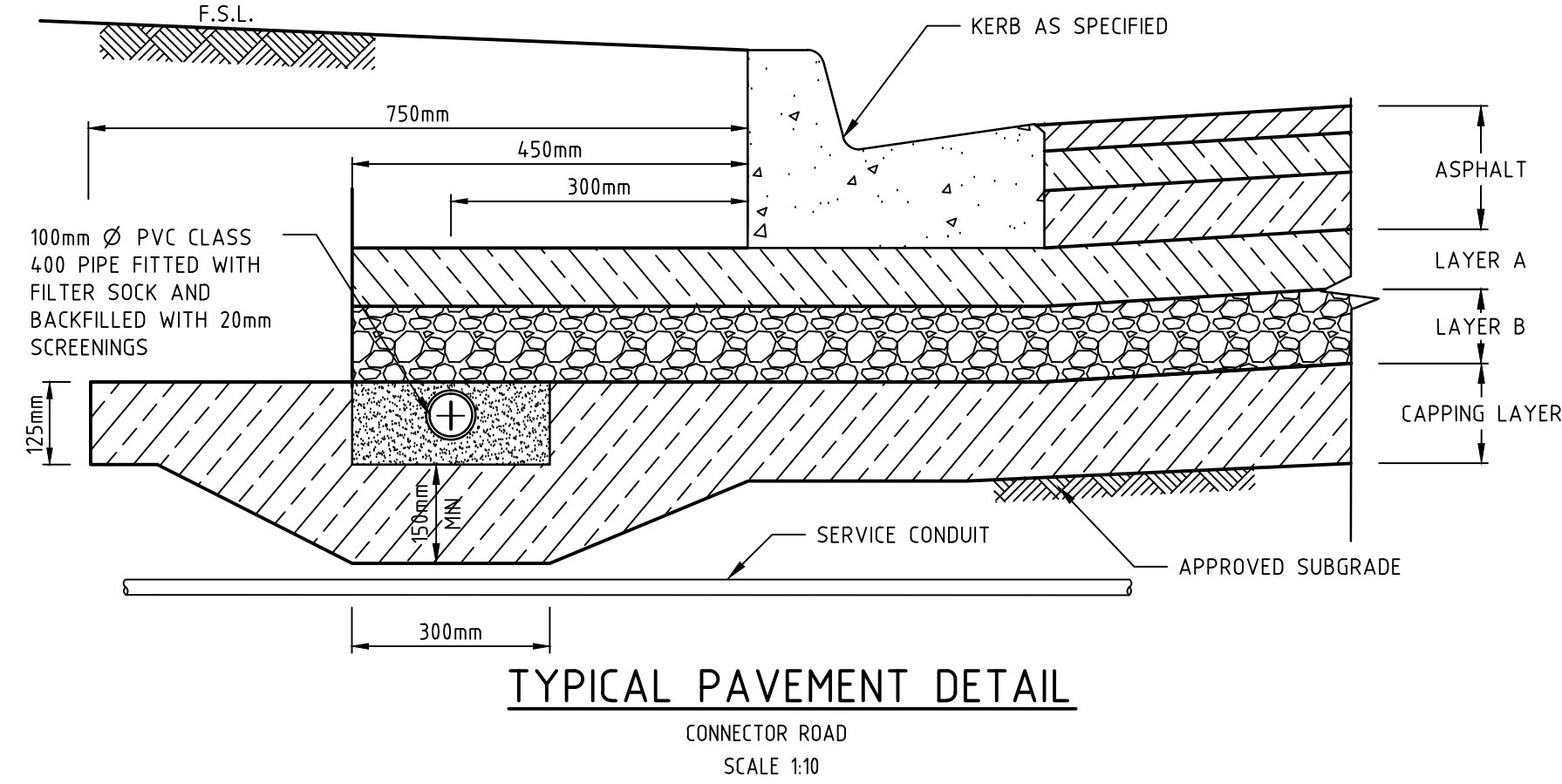
MERRIFIELD DEVELOPMENT
DANNYBROOK ROAD, MICKLEHAM
STAGE 6
LOCALITY PLAN, INDEX & DETAILS

Drawing No. 11726TD01 Rev 1
Sheet No. 01 AS CONSTRUCTED
© Dalton Consulting Engineers Pty Ltd
ABN 78 428 221 048

255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 8888 6868
F 61 3 8888 6880
W www.dceprofile.com

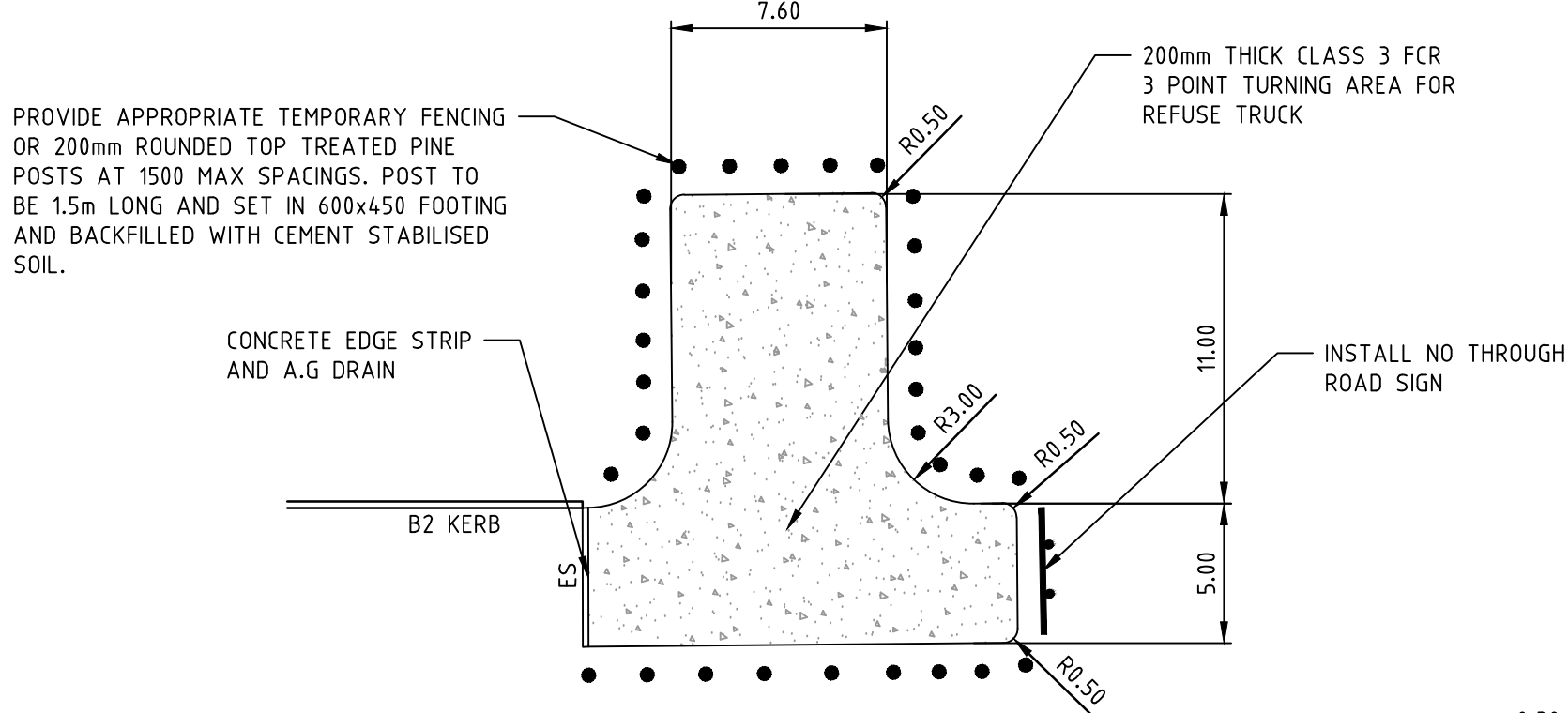
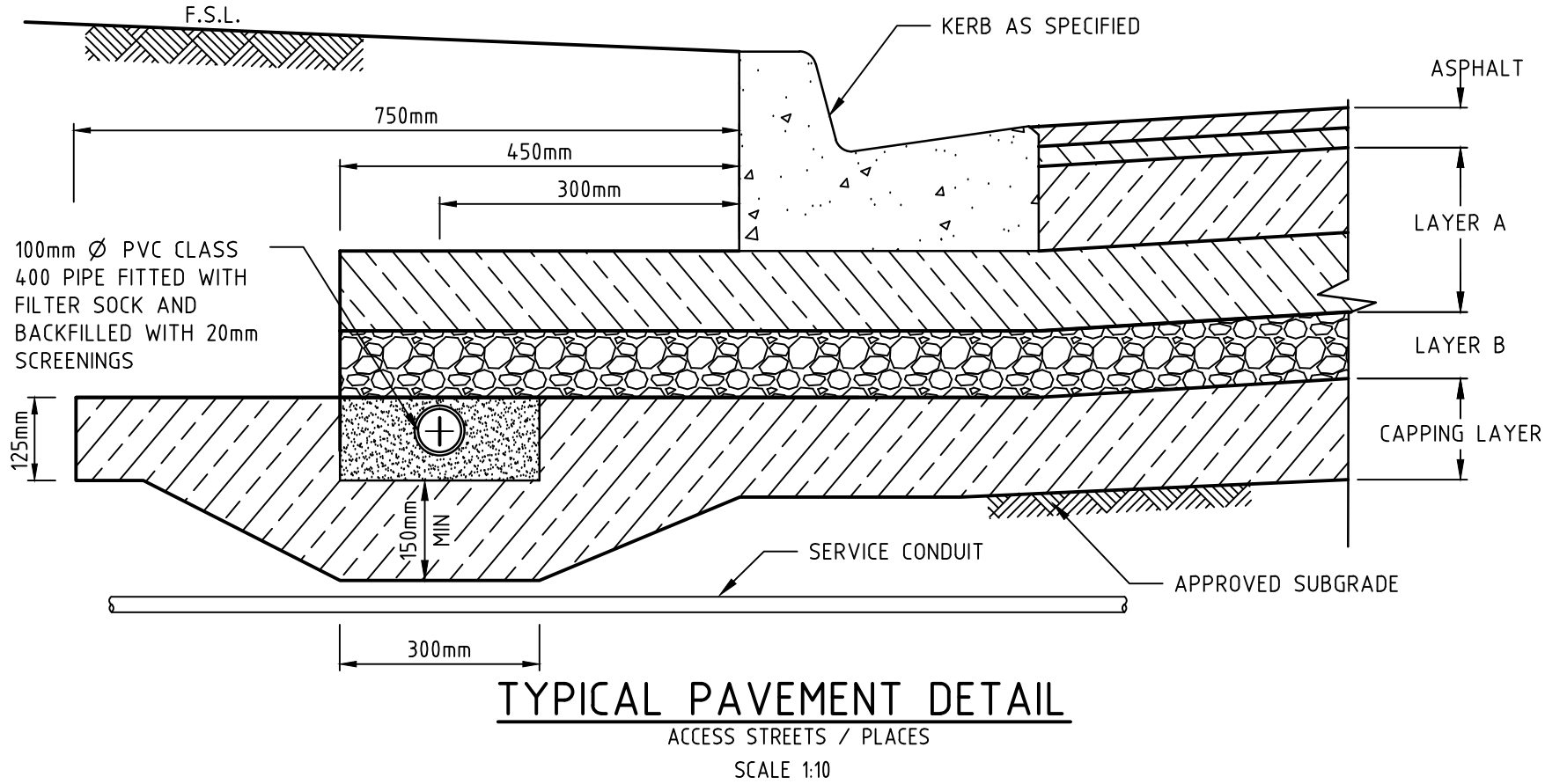
DCE
dalton consulting engineers
56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com

PAVEMENT DETAILS



	MAJOR CONNECTOR ROAD BALMAIN ROAD	ACCESS STREETS ALBION CRESCENT, HIGHFIELD DRIVE & LEICESTER WAY
ASPHALT	WEARING COURSE 40mm SIZE 14mm TYPE N ASPHALT INTERMEDIATE COURSE J 60mm SIZE 20 TYPE SI ASPHALT BASE COURSE 90mm SIZE 20 TYPE SF ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N ASPHALT BASE COURSE 30mm SIZE 10 BITUMEN CRUMB RUBBER ASPHALT BITUMINOUS PRIME PRIME OR SIZE 5 OR SIZE 7 BITUMEN EMULSION PRIMERSEAL (NOT EXCEEDING 60% BITUMEN CONTENT) AT >0.9 L/m ²
LAYER A	UPPER SUBBASE: 100mm SIZE 20mm 3% CEMENT TREATED CRUSHED ROCK (E=500MPa)	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	LOWER SUBBASE: 100mm SIZE 20 CLASS 4 CRUSHED ROCK
CAPPING LAYER	CAPPING 150mm REFER SECTION 7.4 OF REPORT	CAPPING 150mm REFER SECTION 7.4 OF REPORT
DEPTH TOTAL	540mm	560mm
SUBGRADE	SUBGRADE CBR ≥ 2%	SUBGRADE CBR ≥ 2%

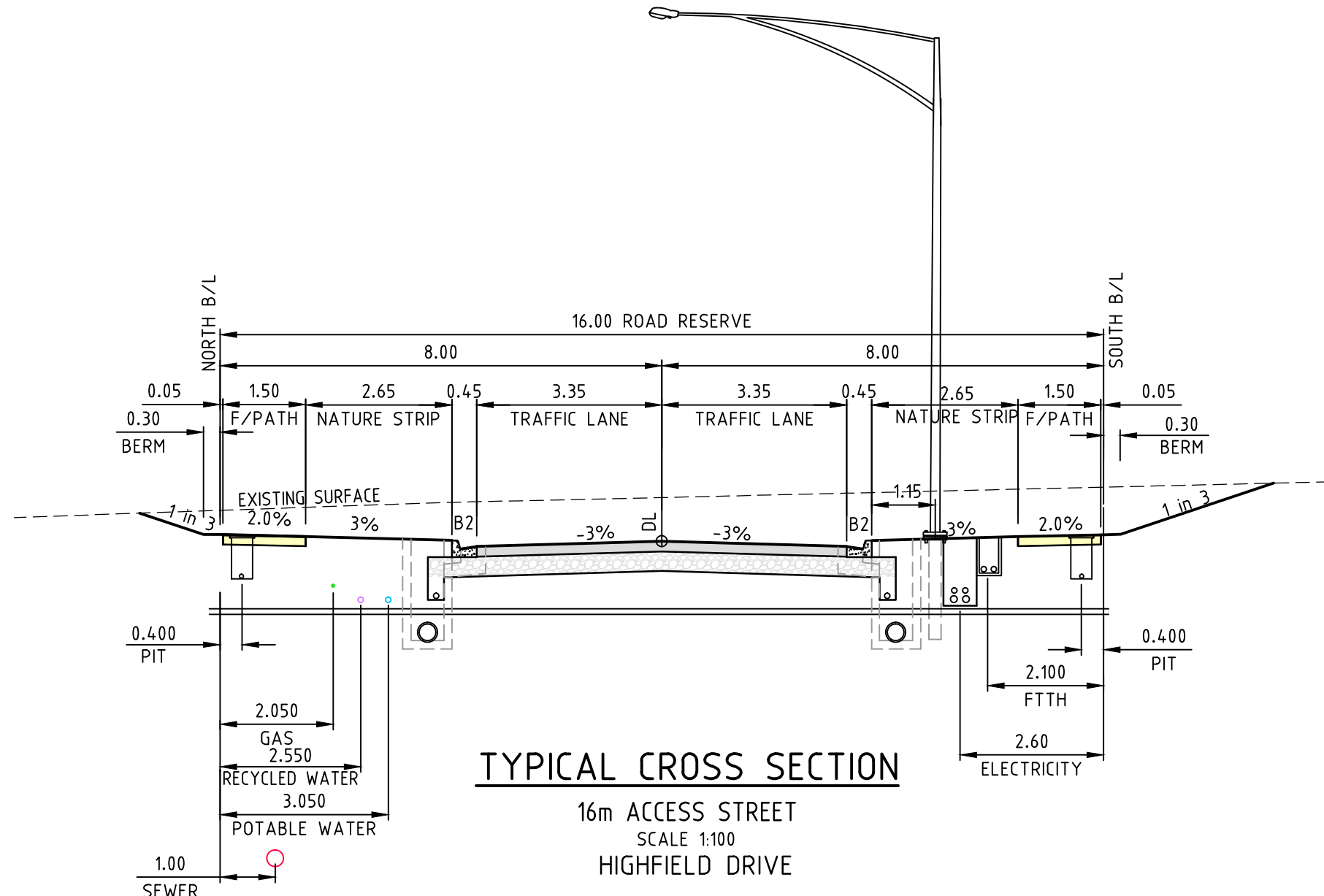
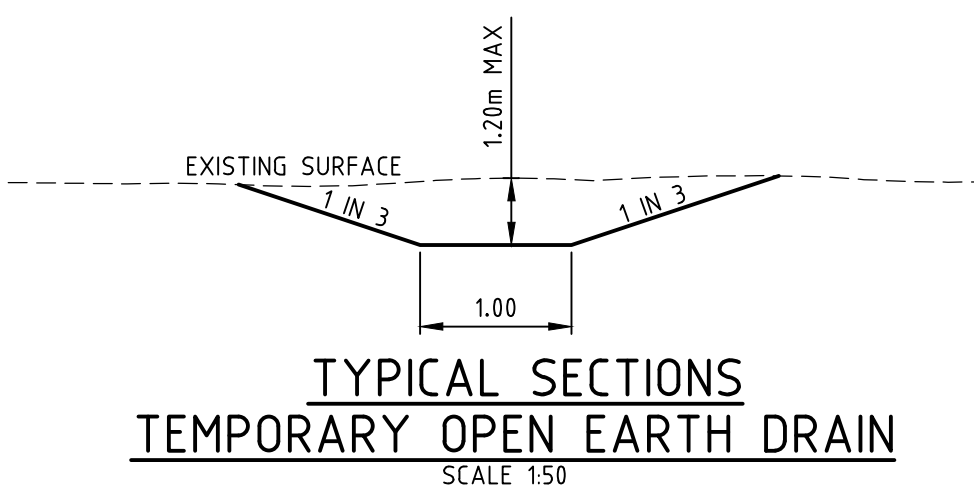
REFER TO GOLDER ASSOCIATE'S GEOTECHNICAL REPORT



TEMPORARY TURNING AREA DETAIL

REFER GAA STD. DRG. FIG 005

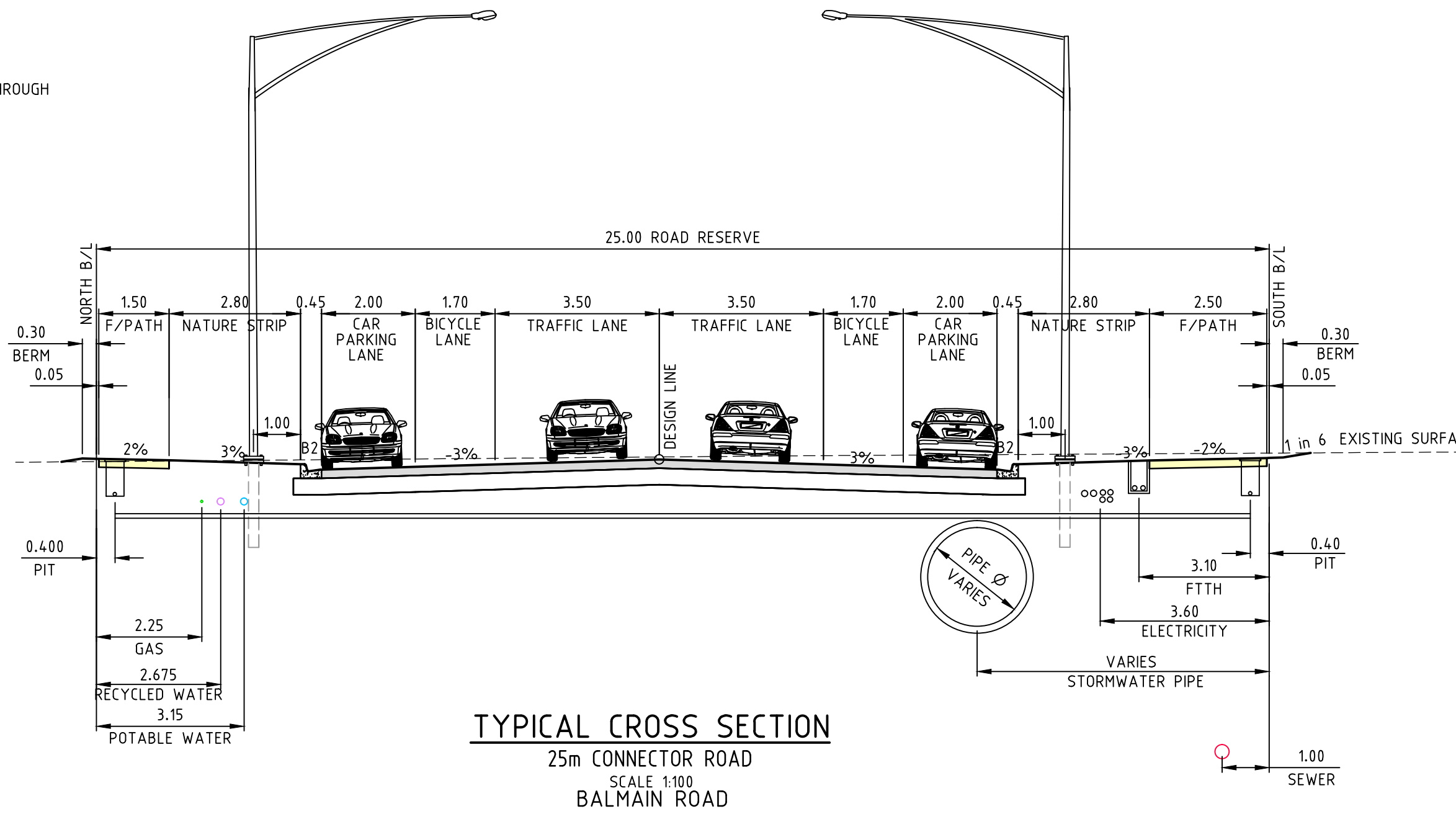
SCALE 1:250



TYPICAL CROSS SECTION

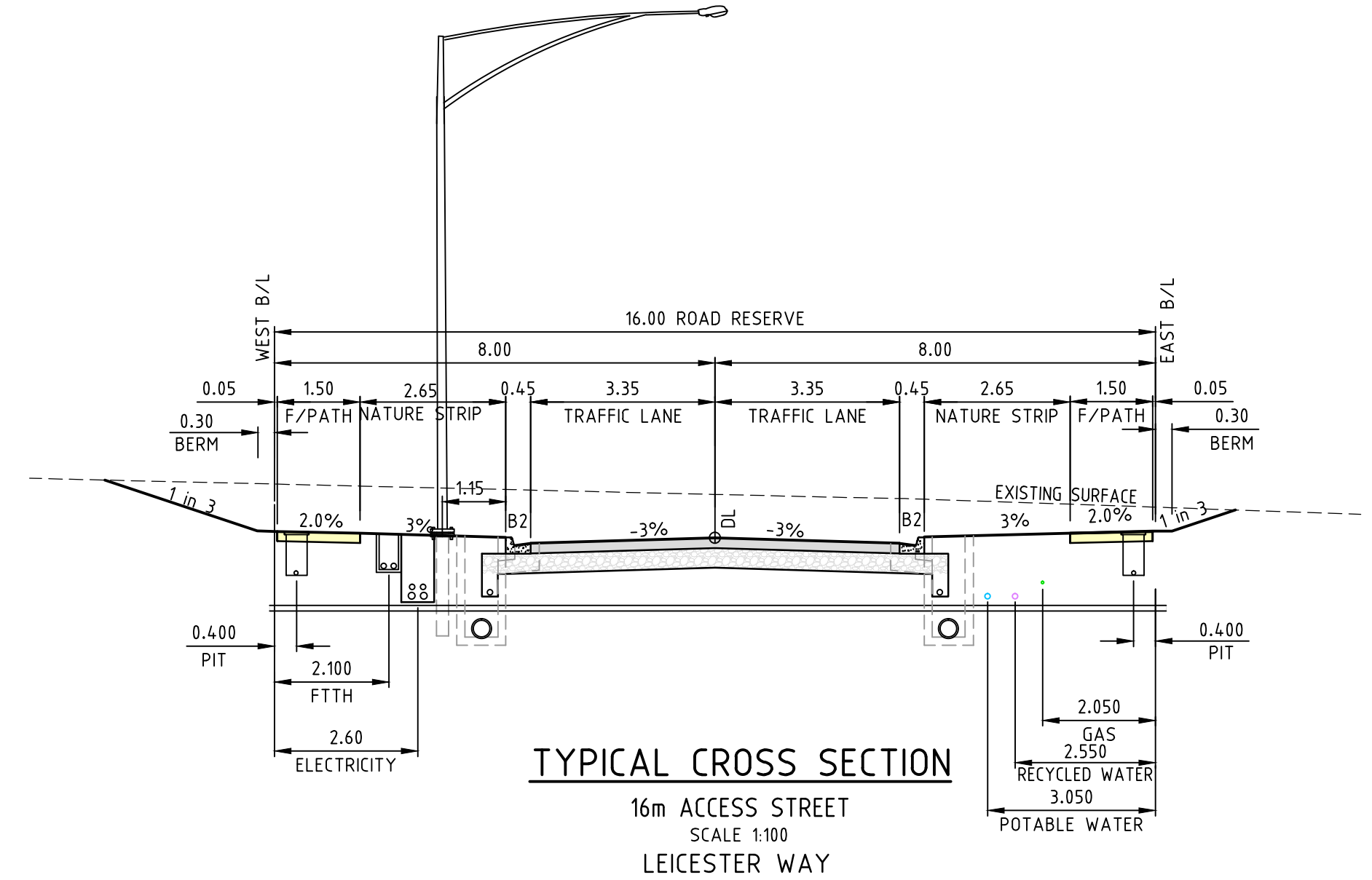
16m ACCESS STREET

SCALE 1:100
LICHFIELD DRIVE



TYPICAL CROSS SECTION

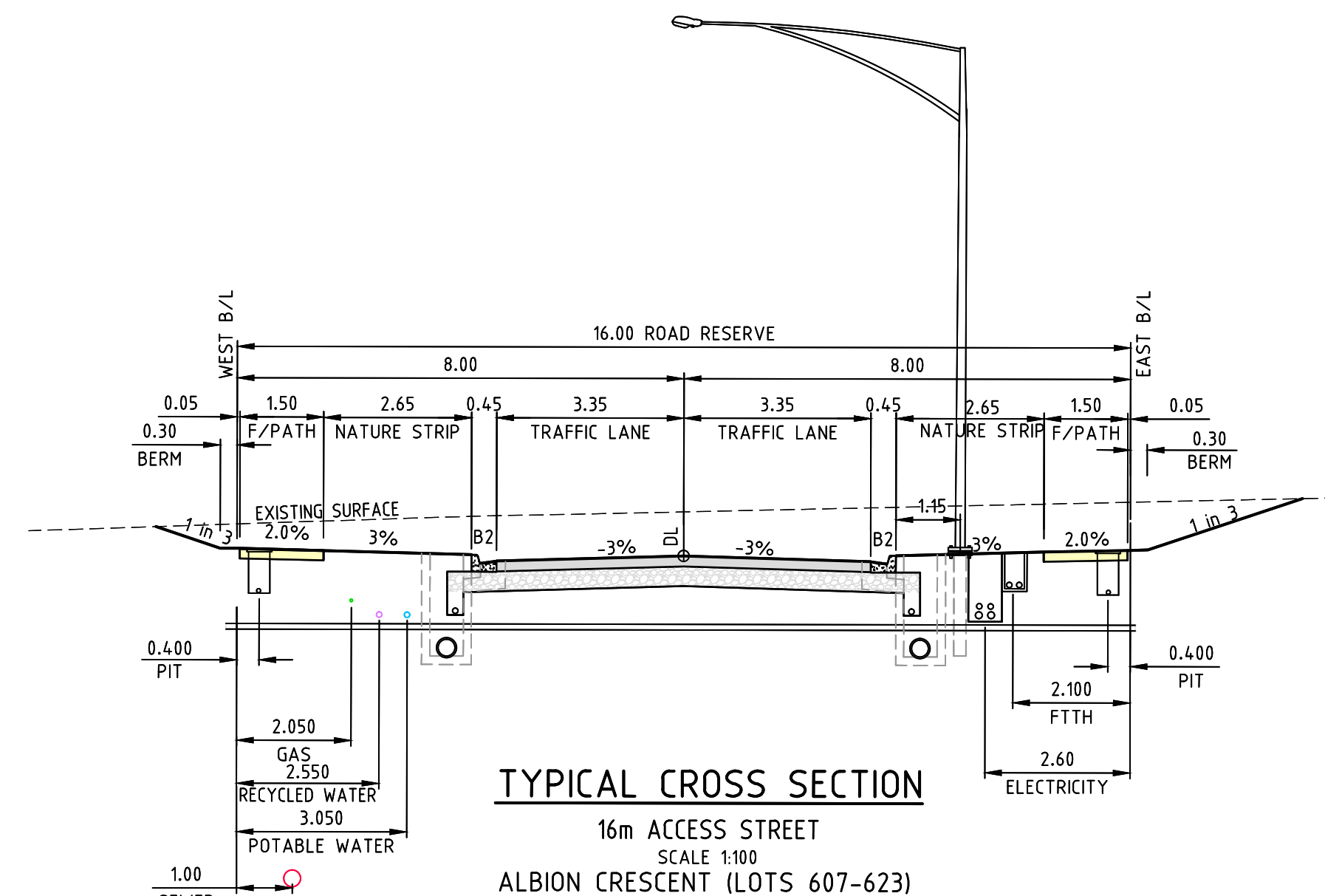
5m CONNECTOR ROAD
SCALE 1:100
BALMAIN ROAD



TYPICAL CROSS SECTION

16m ACCESS STREET

SCALE 1:100
LENGTHS IN MM

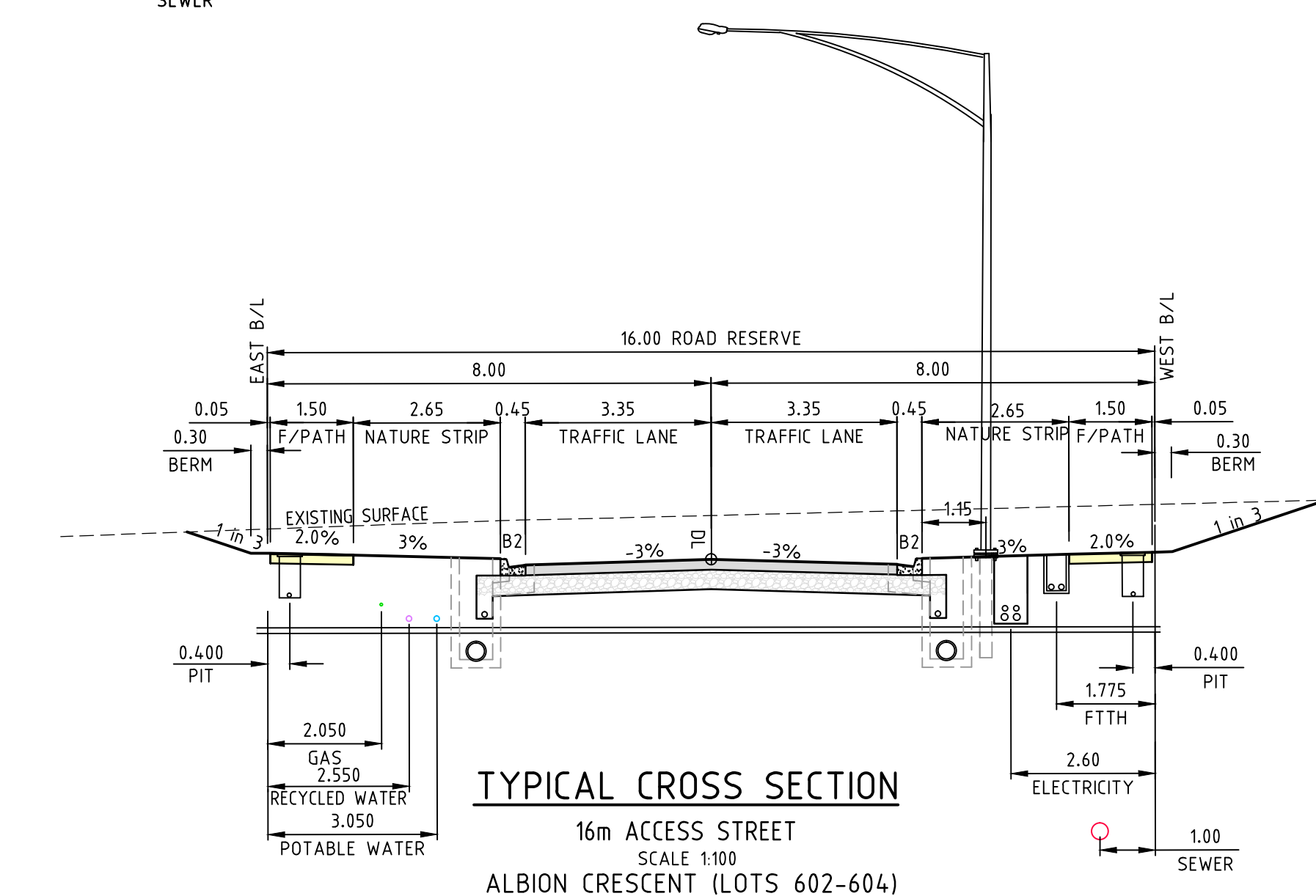


TYPICAL CROSS SECTION

16m ACCESS STREET

SCALE 1:100
L CRESCENT (1 LOT)

ALBION CRESCENT (LOTS 607-625)



TYPICAL CROSS SECTION

16m ACCESS STREE
SCALE 1:100
N CRESCENT (LOTS

SCALE 1:100
N CRESCENT LOTS

1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT	Date 15/04/14
Designed DT	
Date	10/09/14
AN	1031107
Verified BG	
Date	09/10/14
AN	151878
Audited SL	
Date	06/02/15
AN	1061666
Approved TL	
Date	13/02/15
AN	883541
Written dimensions to take precedence over scale.	
Contractor shall check and verify all dimensions on site.	
Discrepancies to be brought to the attention of the Superintendent.	

AS CONSTRUCTED

Coords: MGA
Levels: AHD

Scale @ A1/A3 AS SHOWN



MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
TYPICAL SECTIONS

Drawing No. 11726TD02 **Rev** 1
Sheet No. 02 **AS CONSTRUCTED**
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255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6866
F 61 3 9888 6880
W www.dceprofile.com

dalton consulting engineers

Box 349
3103
Australia
6886
6880

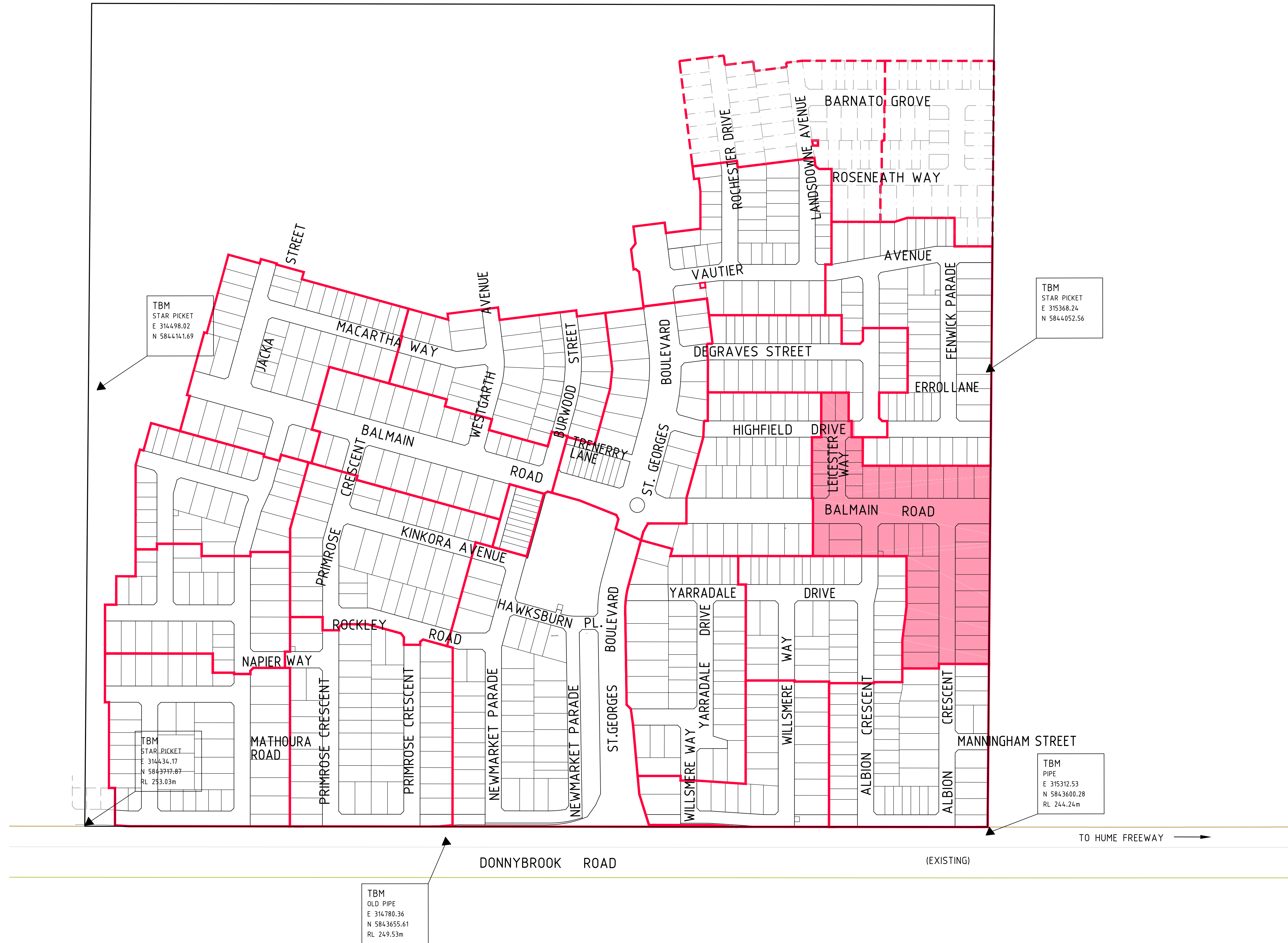
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56 Peel Street
South Brisbane QLD 4101
Australia

T 61 7 3217 2177
F 61 7 3844 7588

E info@dceprofile.com

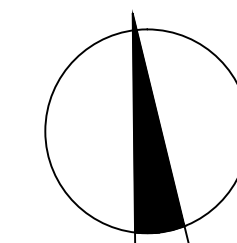
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Date/Time: Fri Jul 03, 2015 - 9:21am ---Byron.Shade---



1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031108
Verified BG Date 09/10/14
AN 161879
Audited SL Date 06/02/15
AN 1061667
Approved TL Date 13/02/15
AN 883542
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



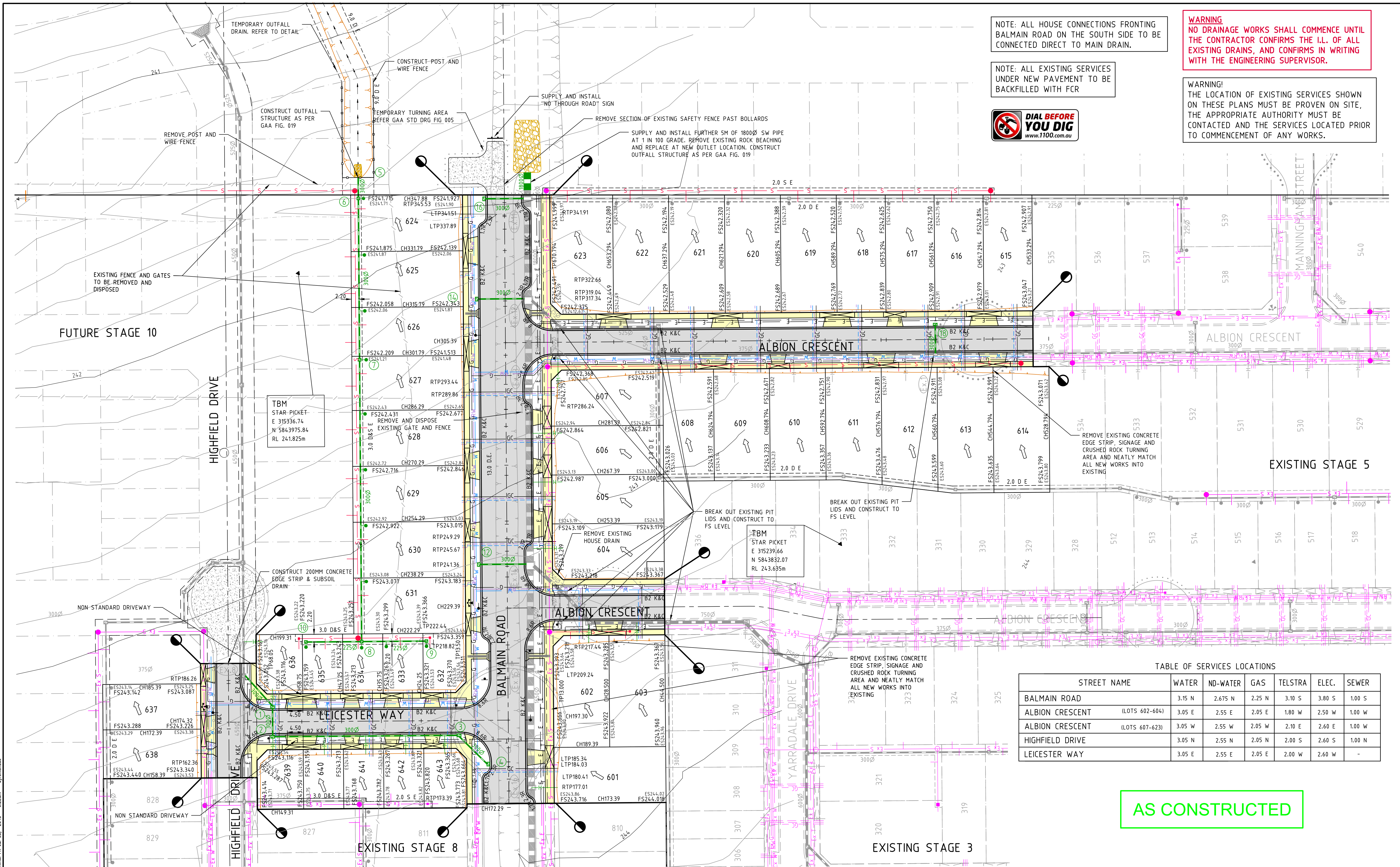
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Levels: AHD
Hor 1:2000 0m 20m 40m 80m 120m
Scale @ A1/A3 1:2000/1:4000

merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
STAGING PLAN

Drawing No. 11726SP01 Rev 1
Sheet No. 03 AS CONSTRUCTED
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 **DCE**
dalton consulting engineers
255 Whitehorse Road
PO Box 348
Balwyn Victoria 3103
Australia
T 61 3 9888 8888
F 61 3 9888 6880
W www.dceprofile.com
56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7598
E info@dceprofile.com



NOTE: ALL HOUSE CONNECTIONS FRONTING BALMAIN ROAD ON THE SOUTH SIDE TO BE CONNECTED DIRECT TO MAIN DRAIN.

NOTE: ALL EXISTING SERVICES UNDER NEW PAVEMENT TO BE BACKFILLED WITH FCR



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.

TABLE OF SERVICES LOCATIONS

STREET NAME	WATER	NO-WATER	GAS	TELSTRA	ELEC.	SEWER
BALMAIN ROAD	3.15 N	2.675 N	2.25 N	3.10 S	3.80 S	1.00 S
ALBION CRESCENT (LOTS 602-604)	3.05 E	2.55 E	2.05 E	1.80 W	2.50 W	1.00 W
ALBION CRESCENT (LOTS 607-623)	3.05 W	2.55 W	2.05 W	2.10 E	2.60 E	1.00 W
HIGHFIELD DRIVE	3.05 N	2.55 N	2.05 N	2.00 S	2.60 S	1.00 N
LEICESTER WAY	3.05 E	2.55 E	2.05 E	2.00 W	2.60 W	-

AS CONSTRUCTED

REV	AMENDMENTS	DATE	APP'D.
2	AS CONSTRUCTED	02/07/15	TL
1	DRIVEWAYS FOR LOTS 635,636,639 AND 640 AMENDED	17/02/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TPD.

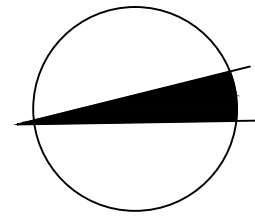
Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031109
Verified BG
Date 09/10/14
AN 161880
Audited SL
Date 06/02/15
AN 1061668
Approved TL
Date 13/02/15
AN 883543

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

- Ex W EXISTING WATER MAIN
- Ex G EXISTING GAS MAIN
- Ex E EXISTING ELECTRICAL CABLE
- Ex S EXISTING SEWER MAIN & MANHOLE
- Ex T EXISTING TELECOMM. CABLE AND PIT
- Ex V EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING TREES TO BE REMOVED
- EXISTING SURFACE LEVEL
- 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
- FINISHED SURFACE CONTOUR

- 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



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 6
DETAIL PLAN

Drawing No. 11726DP01 Rev 2
Sheet No. 04 AS CONSTRUCTED

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ABN 78 428 221 048
W www.dceprofile.com



255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 8888
F 61 3 9888 8880
W www.dceprofile.com

Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
E info@dceprofile.com

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Date/Time: Fri Jul 03, 2015 - 9:22am --byron.shade--

HORIZONTAL ALIGNMENT REPORT FOR HIGHFIELD DRIVE

POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315041.450	5844043.825	245.218	112°27'34.26"	
STRAIGHT	15.000	315055.313	5844038.095	245.021	112°27'34.26"	
STRAIGHT	30.000	315069.175	5844032.365	244.881	112°27'34.26"	
INTERSECTION POINT	33.408	315072.325	5844031.063	244.831	112°27'34.26"	
TANGENT-CURVE	33.408	315072.325	5844031.063	244.831	112°27'34.26"	-42.000
CURVE	35.000	315073.807	5844030.482	244.806	110°17'17.09"	-42.000
CURVE	40.000	315078.589	5844029.032	244.724	103°28'01.76"	-42.000
CURVE-TANGENT	44.702	315083.213	5844028.195	244.647	97°03'10.00"	-42.000
INTERSECTION POINT	44.702	315083.213	5844028.195	244.647	97°03'10.00"	
STRAIGHT	45.000	315083.509	5844028.158	244.642	97°03'10.00"	
STRAIGHT	60.000	315098.395	5844026.316	244.397	97°03'10.00"	
STRAIGHT	75.000	315113.282	5844024.475	244.152	97°03'10.00"	
STRAIGHT	90.000	315128.168	5844022.633	243.907	97°03'10.00"	
STRAIGHT	105.000	315143.055	5844020.791	243.684	97°03'10.00"	
STRAIGHT	120.000	315157.941	5844018.949	243.575	97°03'10.00"	
STRAIGHT	135.000	315172.828	5844017.107	243.496	97°03'10.00"	
STRAIGHT	150.000	315187.714	5844015.266	243.363	97°03'10.00"	
STRAIGHT	165.000	315202.601	5844013.424	243.195	97°03'10.00"	
STRAIGHT	180.000	315217.487	5844011.582	243.013	97°03'10.00"	
STRAIGHT	195.000	315232.374	5844009.740	242.821	97°03'10.00"	
STRAIGHT	210.000	315247.260	5844007.899	242.665	97°03'10.00"	
STRAIGHT	225.000	315262.147	5844006.057	242.508	97°03'10.00"	
STRAIGHT	240.000	315277.033	5844004.215	242.342	97°03'10.00"	
STRAIGHT	255.000	315291.920	5844002.373	242.158	97°03'10.00"	
STRAIGHT	270.000	315306.806	5844000.532	241.961	97°03'10.00"	
STRAIGHT	285.000	315321.693	5843998.690	241.760	97°03'10.00"	
STRAIGHT	300.000	315336.579	5843996.848	241.560	97°03'10.00"	
STRAIGHT	315.000	315351.466	5843995.006	241.360	97°03'10.00"	
STRAIGHT	330.000	315366.352	5843993.165	241.160	97°03'10.00"	
STRAIGHT	345.000	315381.239	5843991.323	240.959	97°03'10.00"	
STRAIGHT	360.000	315396.125	5843989.481	240.759	97°03'10.00"	
STRAIGHT	375.000	315411.012	5843987.639	240.559	97°03'10.00"	
STRAIGHT	390.000	315425.898	5843985.798	240.359	97°03'10.00"	
STRAIGHT	405.000	315440.785	5843983.956	240.158	97°03'10.00"	
STRAIGHT	420.000	315455.671	5843982.114	239.958	97°03'10.00"	
INTERSECTION POINT	425.259	315460.891	5843981.468	239.888	97°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR BALMAIN ROAD

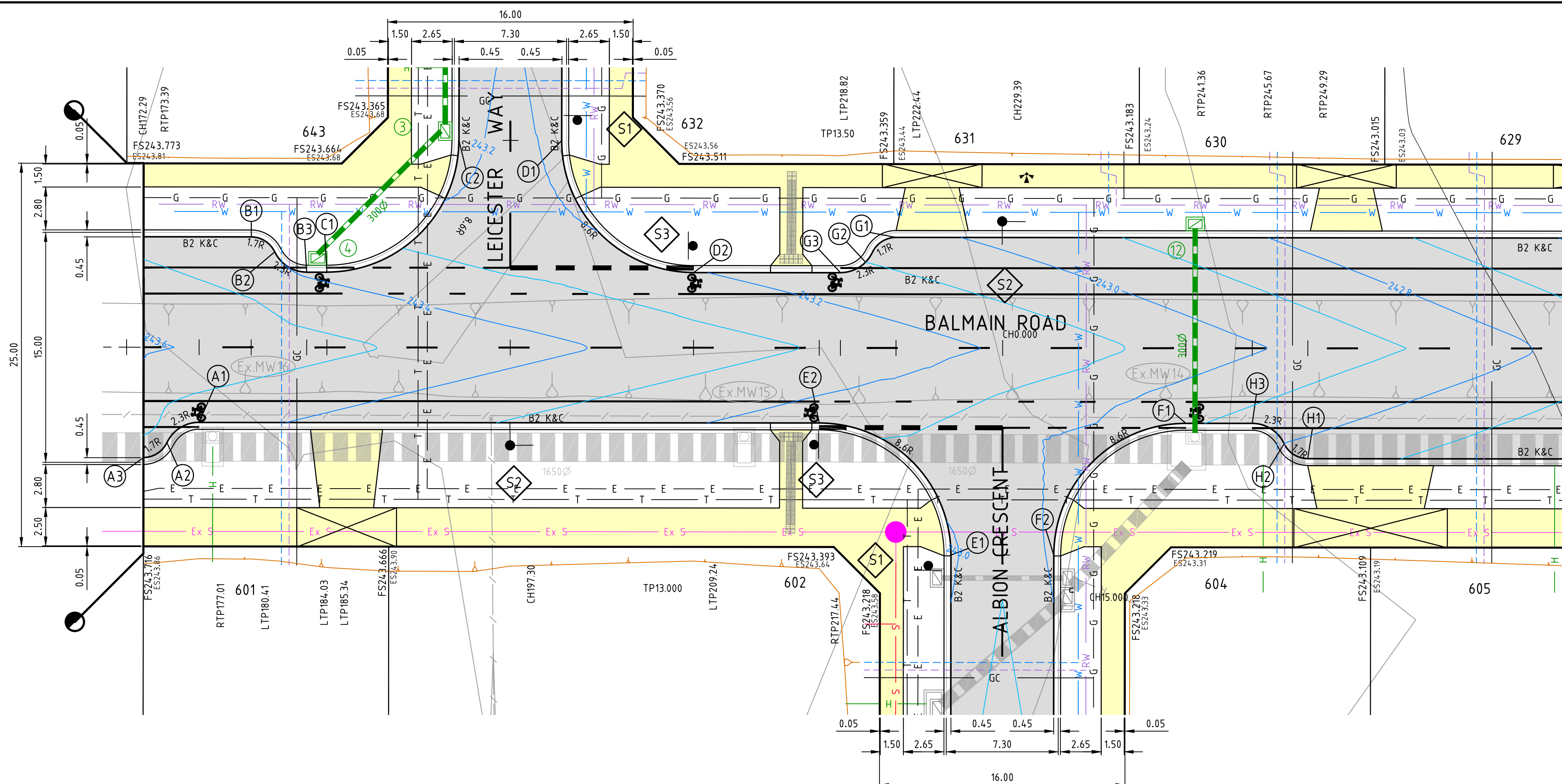
POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315007.153	5843960.858	245.840	112°27'34.26"	
INTERSECTION POINT	9.939	315016.338	5843957.061	245.666	112°27'34.26"	
TANGENT-CURVE	9.939	315016.338	5843957.061	245.666	112°27'34.26"	-33.200
CURVE	10.000	315016.394	5843957.037	245.666	112°21'14.41"	-33.200
CURVE	15.000	315021.144	5843955.490	245.641	103°43'30.43"	-33.200
CURVE-TANGENT	18.866	315024.945	5843954.794	245.617	97°03'10.00"	-33.200
INTERSECTION POINT	18.866	315024.945	5843954.794	245.617	97°03'10.00"	
STRAIGHT	30.000	315035.894	5843953.427	245.510	97°03'10.00"	
STRAIGHT	45.000	315050.881	5843951.585	245.307	97°03'10.00"	
STRAIGHT	60.000	315065.767	5843949.743	245.099	97°03'10.00"	
STRAIGHT	75.000	315080.654	5843947.901	244.891	97°03'10.00"	
STRAIGHT	90.000	315095.540	5843946.060	244.683	97°03'10.00"	
STRAIGHT	105.000	315110.427	5843944.218	244.475	97°03'10.00"	
STRAIGHT	120.000	315125.313	5843942.376	244.247	97°03'10.00"	
STRAIGHT	135.000	315140.200	5843940.534	244.000	97°03'10.00"	
STRAIGHT	150.000	315155.086	5843938.693	243.799	97°03'10.00"	
STRAIGHT	165.000	315169.973	5843936.851	243.676	97°03'10.00"	
STRAIGHT	180.000	315184.859	5843935.009	243.567	97°03'10.00"	
STRAIGHT	195.000	315199.746	5843933.167	243.457	97°03'10.00"	
STRAIGHT	210.000	315214.632	5843931.326	243.348	97°03'10.00"	
STRAIGHT	225.000	315229.519	5843929.484	243.229	97°03'10.00"	
STRAIGHT	240.000	315244.405	5843927.642	243.076	97°03'10.00"	
STRAIGHT	255.000	315259.292	5843925.800	242.908	97°03'10.00"	
STRAIGHT	270.000	315274.178	5843923.959	242.741	97°03'10.00"	
STRAIGHT	285.000	315289.065	5843922.117	242.573	97°03'10.00"	
STRAIGHT	300.000	315303.951	5843920.275	242.405	97°03'10.00"	
STRAIGHT	315.000	315318.838	5843918.433	242.217	97°03'10.00"	
STRAIGHT	330.000	315333.724	5843916.592	242.016	97°03'10.00"	
STRAIGHT	345.000	315348.611	5843914.750	241.816	97°03'10.00"	
STRAIGHT	360.000	315363.497	5843912.908	241.636	97°03'10.00"	
STRAIGHT	375.000	315378.384	5843911.066	241.458	97°03'10.00"	
STRAIGHT	390.000	315393.270	5843909.224	241.281	97°03'10.00"	
STRAIGHT	405.000	315408.157	5843907.383	241.104	97°03'10.00"	
STRAIGHT	420.000	315423.043	5843905.541	240.927	97°03'10.00"	
STRAIGHT	435.000	315437.930	5843903.699	240.750	97°03'10.00"	
Intersection Point	447.712	315450.546	5843902.138	240.600	97°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR LEICESTER WAY

POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315202.030	5843932.885	243.441	7°03'10.00"	
STRAIGHT	15.000	315203.872	5843947.771	243.244	7°03'10.00"	
STRAIGHT	30.000	315205.713	5843962.658	243.169	7°03'10.00"	
STRAIGHT	45.000	315207.555	5843977.544	243.094	7°03'10.00"	
STRAIGHT	60.000	315209.397	5843992.431	243.019	7°03'10.00"	
STRAIGHT	75.000	315211.239	5844007.317	242.944	7°03'10.00"	
INTERSECTION POINT	80.000	315211.853	5844012.279	243.090	7°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR ALBION CRESCENT

POINT TYPE	CHAINAGE	X	COORDINATES Y	Z	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	15.000	315231.974	5843913.562	243.095	187°03'10.00"	
STRAIGHT	30.000	315230.132	5843898.675	243.172	187°03'10.00"	
INTERSECTION POINT	44.500	315228.352	5843884.285	243.246	187°03'10.00"	
STRAIGHT	45.000	315228.291	5843883.789	243.249	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	71.250	315224.976	5843857.751	243.393	191°59'04.84"	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	75.000	315223.935	5843854.152	243.417	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	90.000	315219.105	5843839.952	243.513	195°25'34.46"	-25.000
INTERSECTION POINT	93.654	315218.394	5843836.371	243.537	187°03'10.00"	
STRAIGHT	105.000	315217.001	5843825.111	243.610	187°03'10.00"	
STRAIGHT	120.000	315215.159	5843810.224	243.729	187°03'10.00"	
STRAIGHT	135.000	315213.317	5843795.338	243.879	187°03'10.00"	
STRAIGHT	150.000	315211.475	5843780.451	244.029	187°03'10.00"	
STRAIGHT	165.000	315209.634	5843765.565	244.179	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	244.329	187°03'10.00"	
STRAIGHT	195.000	315205.950	5843735.792	244.480	187°03'10.00"	
STRAIGHT	210.000	315204.108	5843720.905	244.636	187°03'10.00"	
STRAIGHT	225.000	315202.267	5843706.019	244.792	187°03'10.00"	
STRAIGHT	240.000	315200.425	5843691.132	244.947	187°03'10.00"	
STRAIGHT	255.000	315198.583	5843676.246	245.103	187°03'10.00"	
STRAIGHT	270.000	315196.741	5843661.359	245.293	187°03'10.00"	
INTERSECTION POINT	271.380	315196.572	5843659.990	245.319	187°03'10.00"	
STRAIGHT	285.000	315194.900	5843646.473	245.663	187°03'10.00"	
TANGENT-CURVE	295.780	315193.576	5843635.775	245.885	187°03'10.00"	-11.050
CURVE	297.500	315193.498	5843634.058	245.909	178°07'59.04"	-11.050
CURVE	300.000	315193.860	5843631.590	245.937	165°10'12.79"	-11.050
CURVE	302.500	315194.767	5843629.266	245.958	152°12'26.55"	-11.050
CURVE	305.000	315196.172	5843627.204	245.971	139°14'40.30"	-11.050
CURVE	307.500	315198.003	5843625.510	245.978	126°16'54.05"	-11.050
CURVE	310.000	315200.168	5843624.270	245.978	113°19'07.81"	-11.050
CURVE	312.500	315202.556	5843623.548	245.971	100°21'21.56"	-11.050
CURVE-TANGENT	313.137	315203.186	5843623.451	245.968	97°03'10.00"	-11.050
INTERSECTION POINT	313.137	315203.186	5843623.451	245.968	97°03'10.00"	
STRAIGHT	315.000	315205.034	5843623.223	245.947	97°03'10.00"	
STRAIGHT	330.000	315219.921	5843621.381	245.775	97°03'10.00"	
STRAIGHT	345.000	315234.807	5843619.539	245.603	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	372.500	315262.107	5843616.259	245.288	89°28'01.92"	-11.050
CURVE	375.000	315264.583	5843616.564	245.253	76°30'15.67"	-11.050
CURVE	377.500	315266.928	5843617.416	245.214	63°32'29.42"	-11.050
CURVE	380.000	315269.021	5843618.773	245.169	50°34'43.18"	-11.050
CURVE	382.500	315270.757	5843620.564	245.118	37°36'56.93"	-11.050
CURVE	385.000	315272.047	5843622.699	245.063	24°39'10.69"	-11.050
CURVE	387.500	315272.825	5843625.070	245.002	11°41'24.44"	-11.050
INTERSECTION POINT	388.394	315272.971	5843625.952	244.978	7°03'10.00"	
STRAIGHT	390.000	315273.168	5843627.545	244.935	7°03'10.00"	
STRAIGHT	405.000	315275.010	5843642.432	244.432	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	435.000	315278.693	5843672.050	243.704	7°03'10.00"	
STRAIGHT	450.000	315280.535	5843687.091	243.579	7°03'10.00"	
INTERSECTION POINT	454.794	315281.369	5843693.834	243.523	7°03'10.00"	
STRAIGHT	465.000	315282.377	5843701.978	243.455	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	495.000	315286.060	5843731.751	243.210	7°03'10.00"	
STRAIGHT	510.000	315287.902	5843746.637	243.087	7°03'10.00"	
STRAIGHT	525.000	315289.744	5843761.524	242.970	7°03'10.00"	
STRAIGHT	540.000	315291.585	5843776.410	242.895	7°03'10.00"	
STRAIGHT	555.000	315293.427	5843791.297	242.820	7°03'10.00"	
STRAIGHT	570.000	315295.269	5843806.183	242.745	7°03'10.00"	
STRAIGHT	585.000	315297.111	5843821.070	242.670	7°03'10.00"	
STRAIGHT	600.000	315298.952	5843835.956	242.595	7°03'10.00"	
STRAIGHT	615.000	315300.794	5843850.843	242.520	7°03'10.00"	
STRAIGHT	630.000	315302.636	5843865.729	242.445	7°03'10.00"	
STRAIGHT	645.000	315304.478	5843880.616	242.370	7°03'10.00"	
STRAIGHT	660.000	315306.319	5843895.502	242.295	7°03'10.00"	
STRAIGHT	675.000	315308.161	5843910.389	242.220	7°03'10.00"	
INTERSECTION POINT	684.294	315309.302	5843919.613	242.345	7°03'10.00"	



FOR CONTINUATION REFER BELOW LEFT

SIGN	TYPE
	S1
R1-2	
	S2
	S3
R7-1-4	

SIGNAGE LEGEND
N.T.S

ALL SIGNS IN ACCORDANCE WITH AS1742

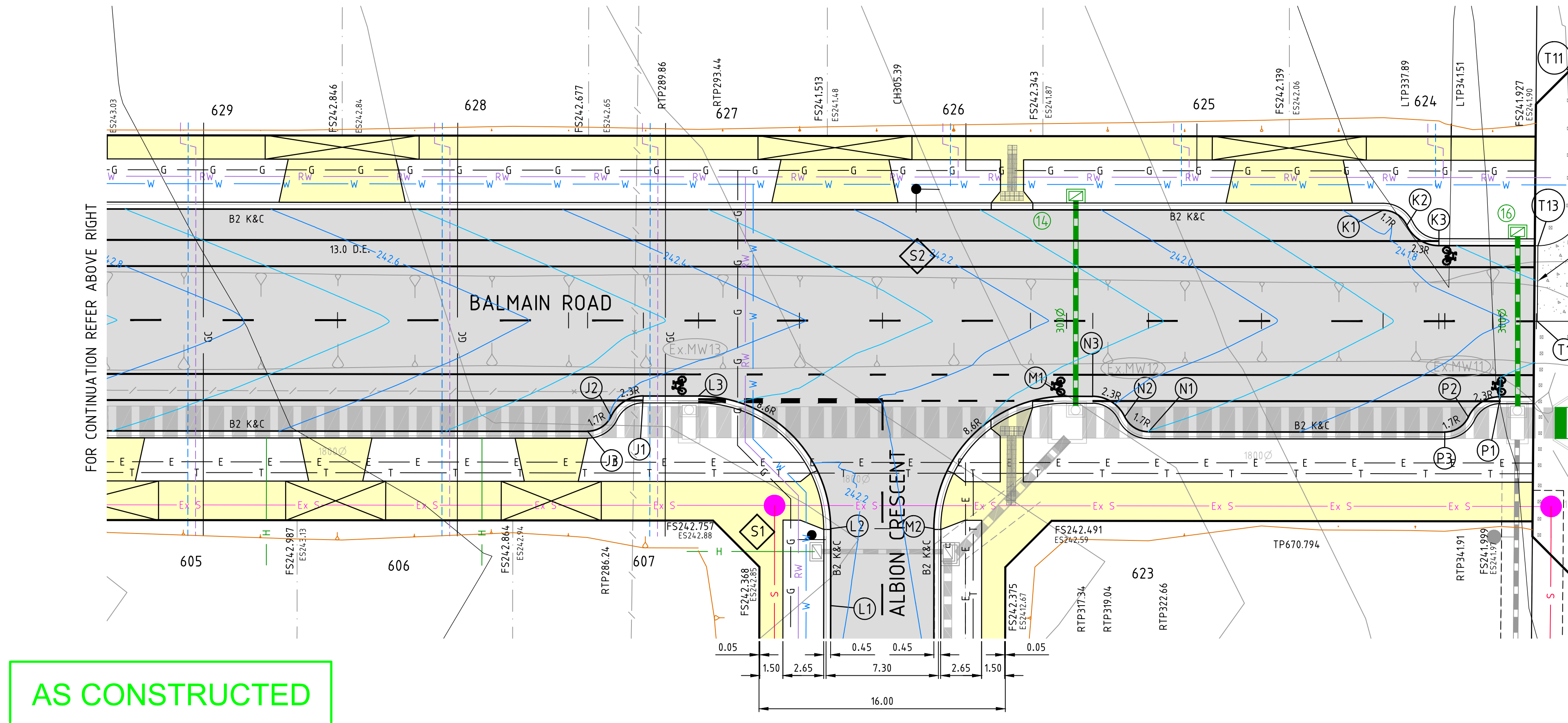
LINEMARKING LEGEND

- 300mm WIDE GIVE WAY LINE
- 200mm WIDE GIVE WAY LINE
- 100mm WIDE BARRIER LINE

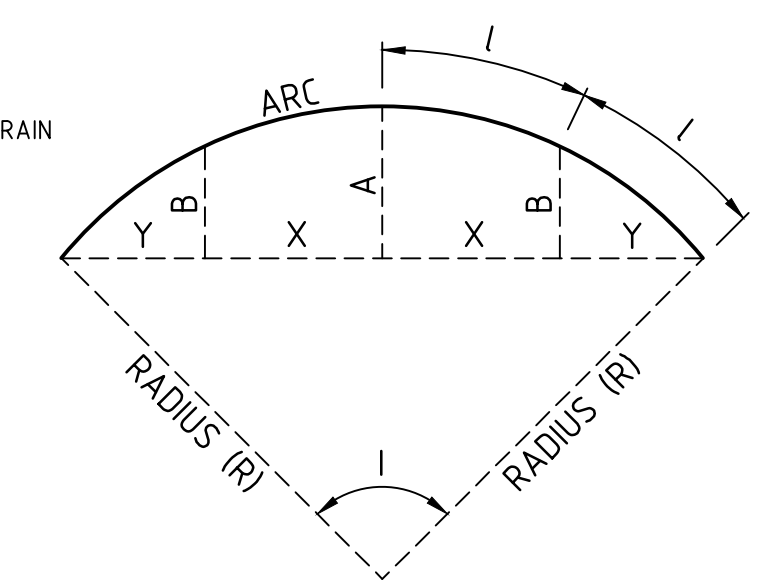
Denotes Tactile Ground Indicators in accordance with AS. 1428.4

NOTES:

- ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
- LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
- ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGRADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
- ANY OBSOLETE LINEMARKING IS TO BE REMOVED BY GRINDING, STRIPPING OR THE APPLICATION OF BITUMEN BINDER AND GRIT PRIOR TO "NEW" LINEMARKING BEING PLACED.
- ALL RADII ARE TO LIP OF CHANNEL OR LINE OF KERB. ALL LANE WIDTHS ARE TO LIP OF KERB & CHANNEL
- RRPM'S TO BE PROVIDED IN ACCORDANCE WITH AS1742.



FOR CONTINUATION REFER ABOVE RIGHT



LIP SETOUT DETAIL
N.T.S

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

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TPD.

Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031111
Verified BG Date 09/10/14
AN 161883
Audited SL Date 06/02/15
AN 1061671
Approved TL Date 13/02/15
AN 883546
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

- Ex W — EXISTING WATER MAIN
— Ex 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
- ✕ EXISTING TREES TO BE REMOVED
- FS20.06 EXISTING SURFACE LEVEL
FS21.650 FINISHED SURFACE LEVEL
— O.E.D. — OPEN EARTH DRAIN (O.E.D.)
— S — SEWER MAIN AND MANHOLE

- LEGEND**
- EX. MW STORMWATER DRAIN & PIT
 - 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

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

Coords: MGA
Levels: AHD

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

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

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MAB gpc

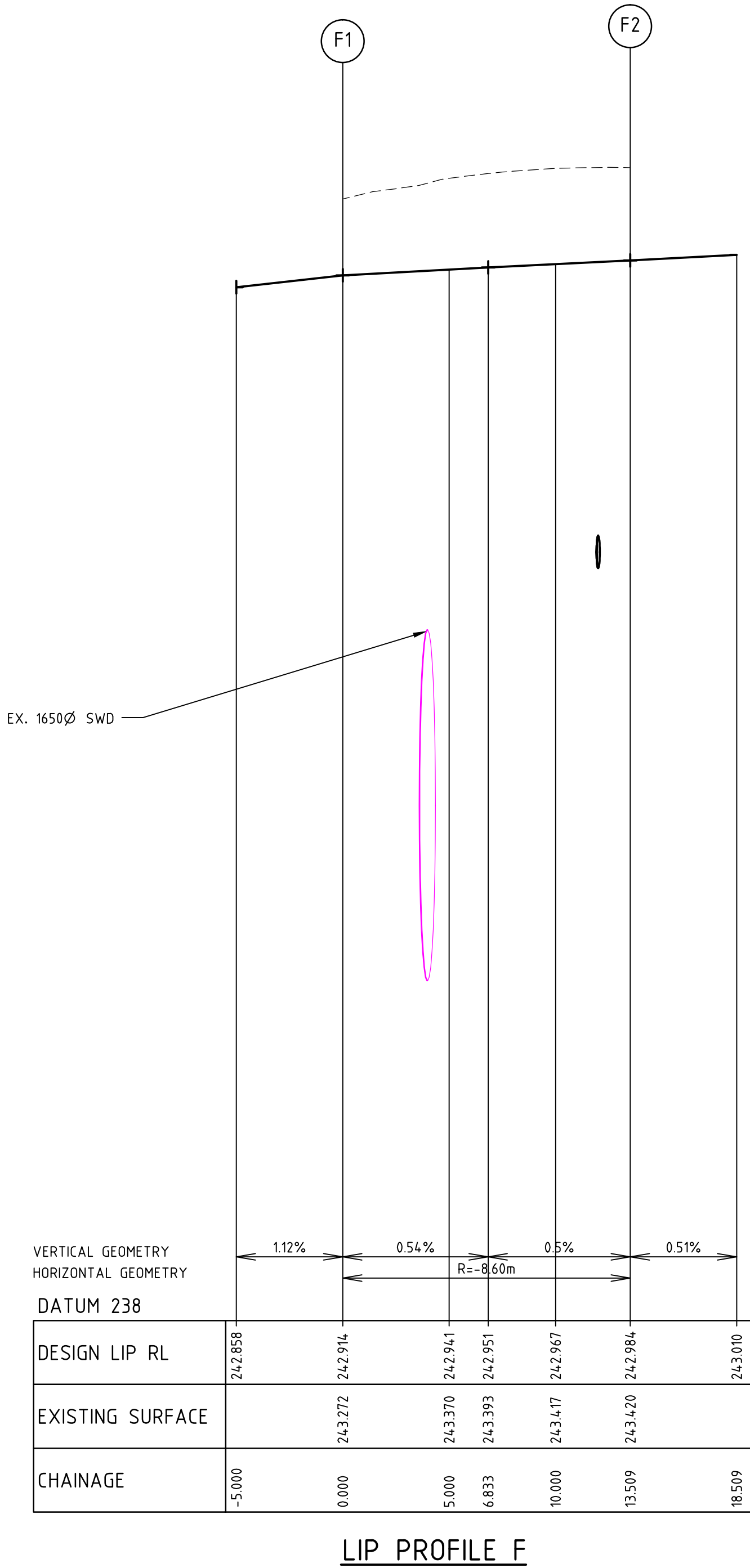
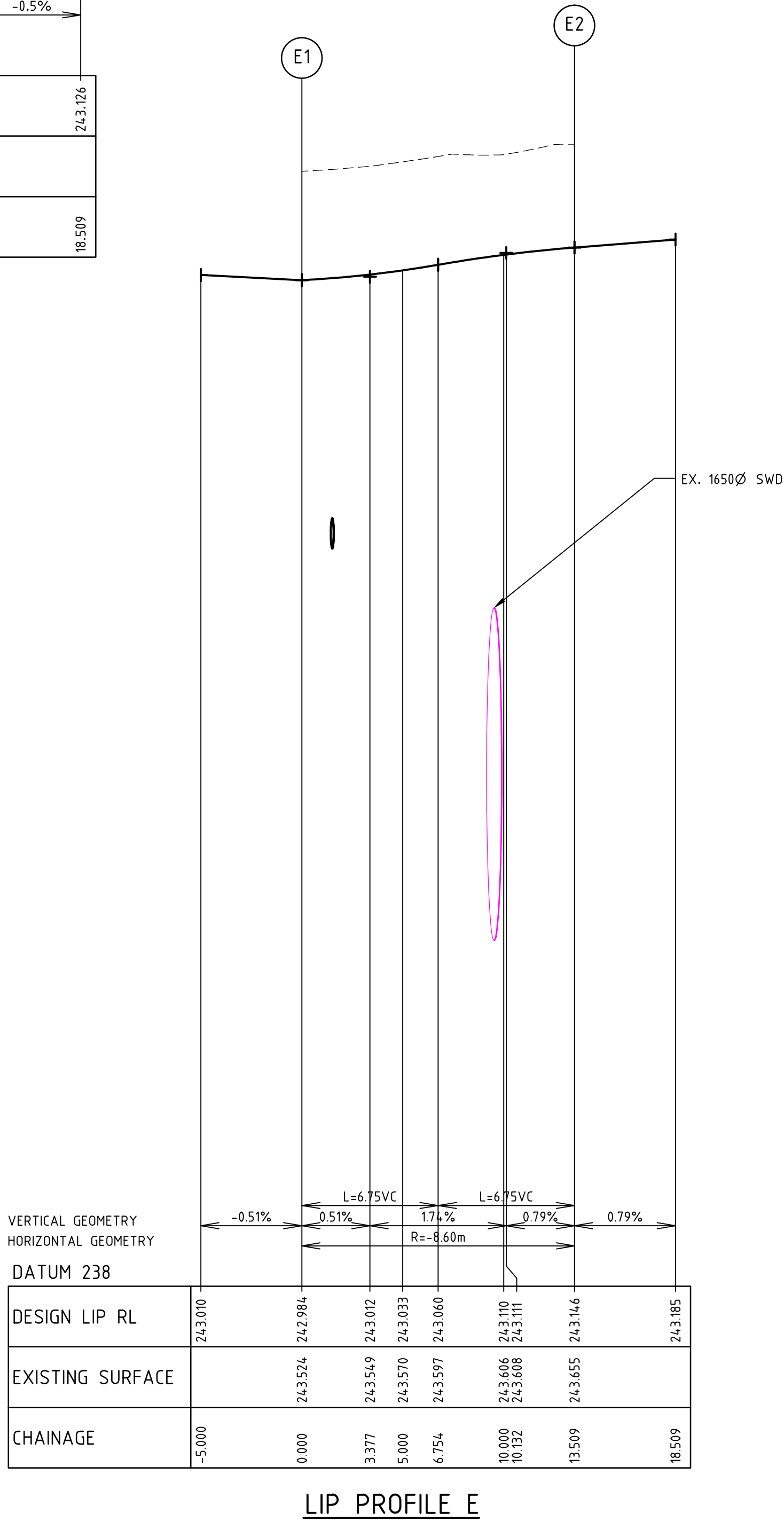
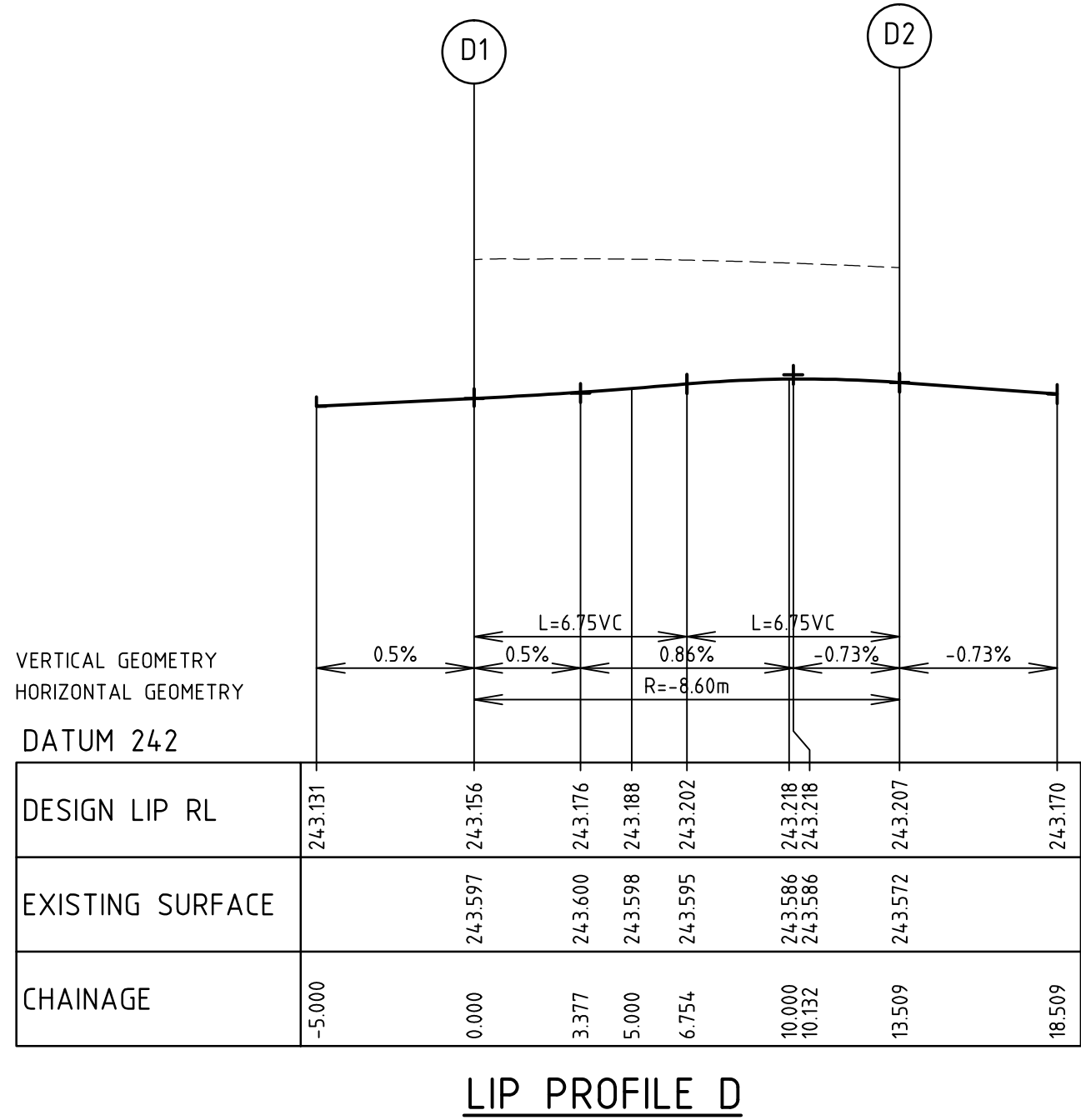
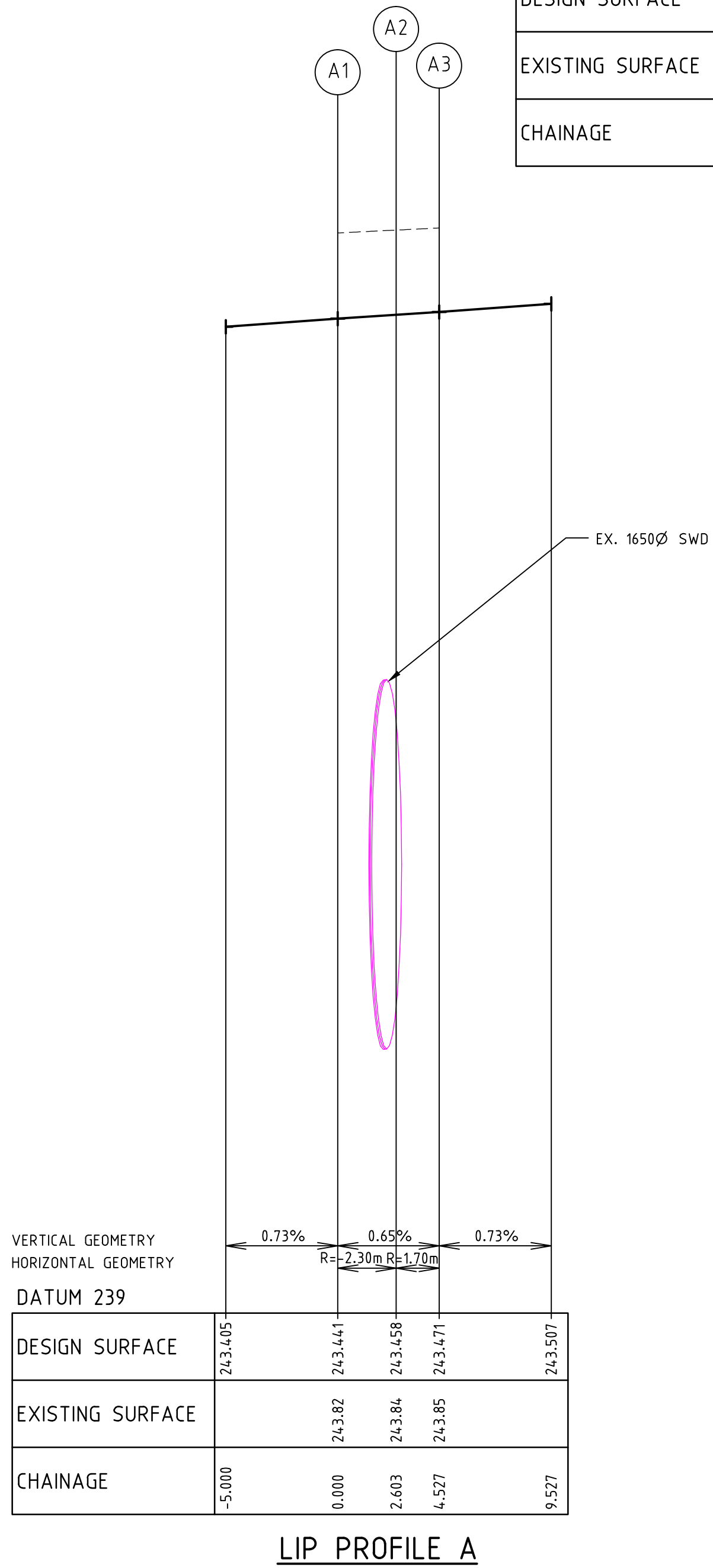
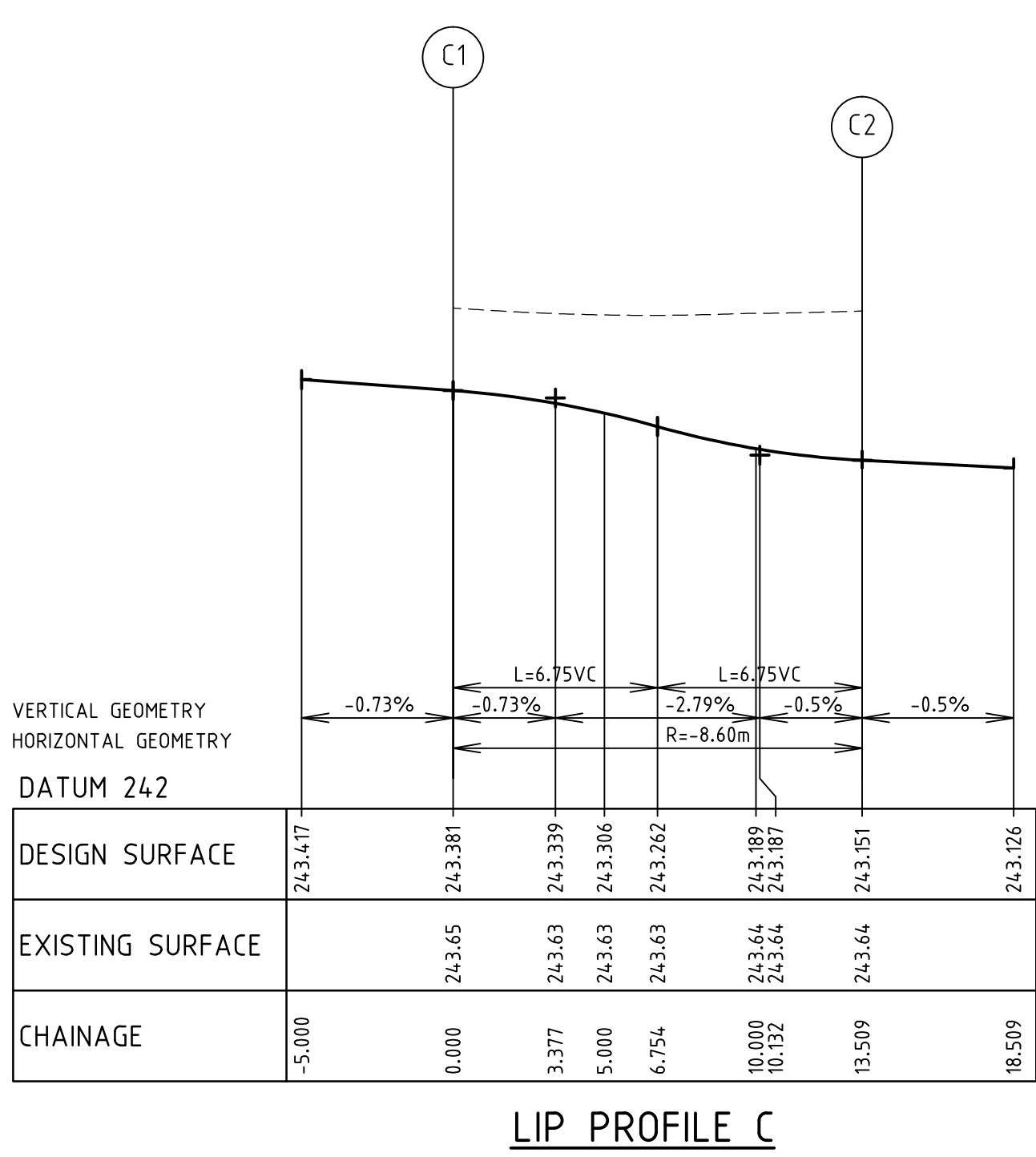
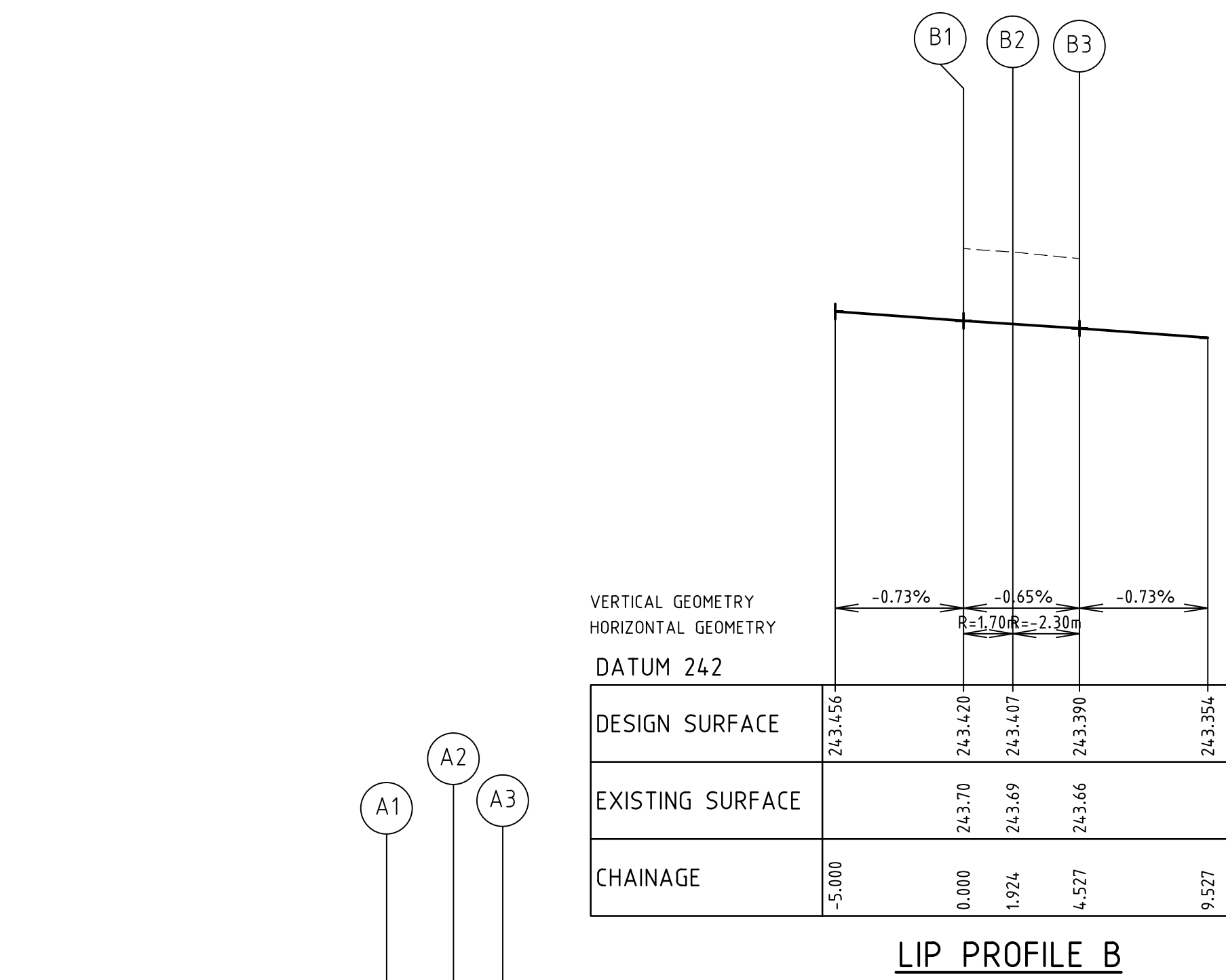
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
INTERSECTION DETAILS
SHEET 1 OF 5
Drawing No. 11726ID01 Rev 1
Sheet No. 07 **AS CONSTRUCTED**
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ABN 78 428 221 049

DCE
dalton consulting engineers

255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com

Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4064
Australia
T 61 7 3367 1732
E info@dceprofile.com

Drawing File: C:\desig\merr\11726-MERRIFIELD - Precinct 1 - Stage 6\Acad\11726001.dwg - 11726002
Date/Time: Fri Jul 03, 2015 - 9:22am --Byron.Shade--



1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031112
Verified BG Date 09/10/14
AN 161884
Audited SL Date 06/02/15
AN 1061672
Approved TL Date 13/02/15
AN 883547
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

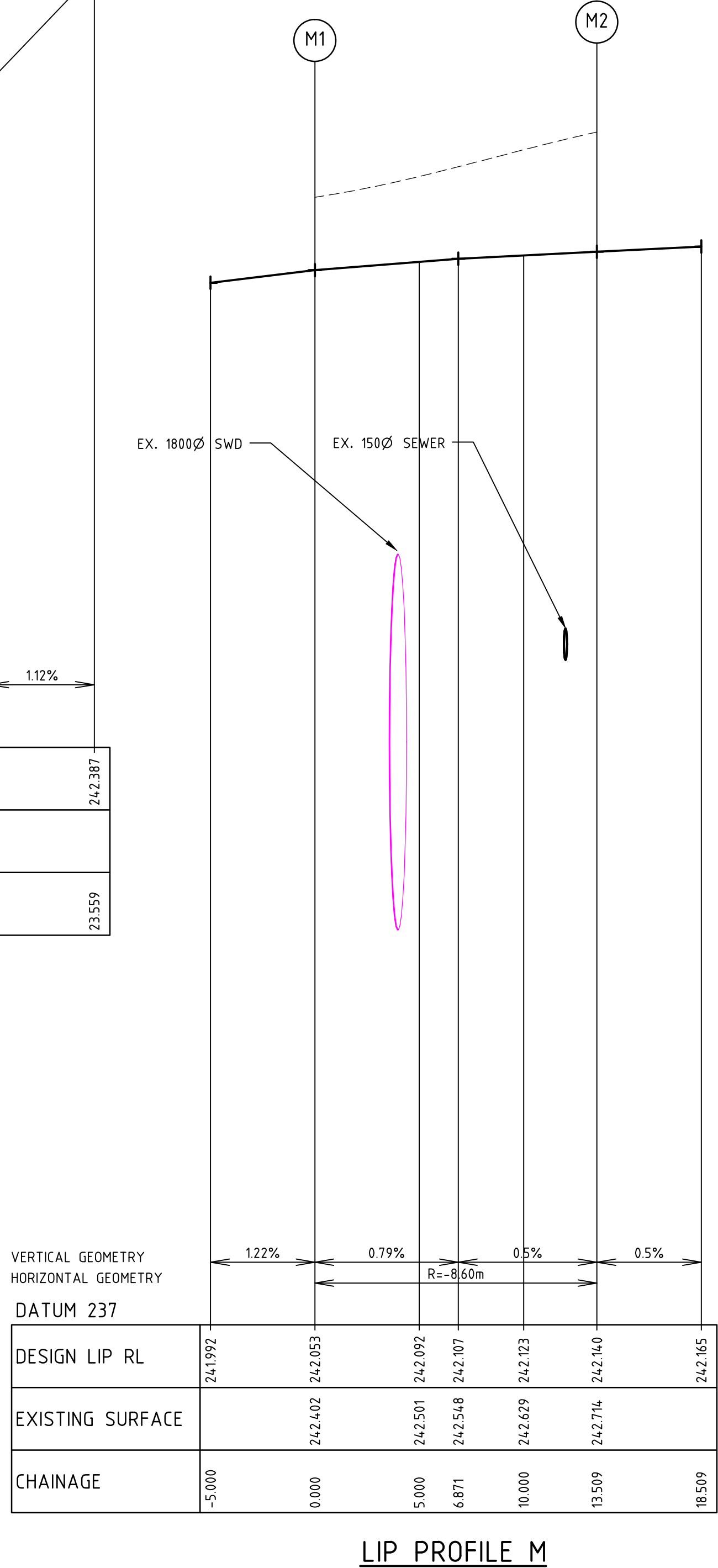
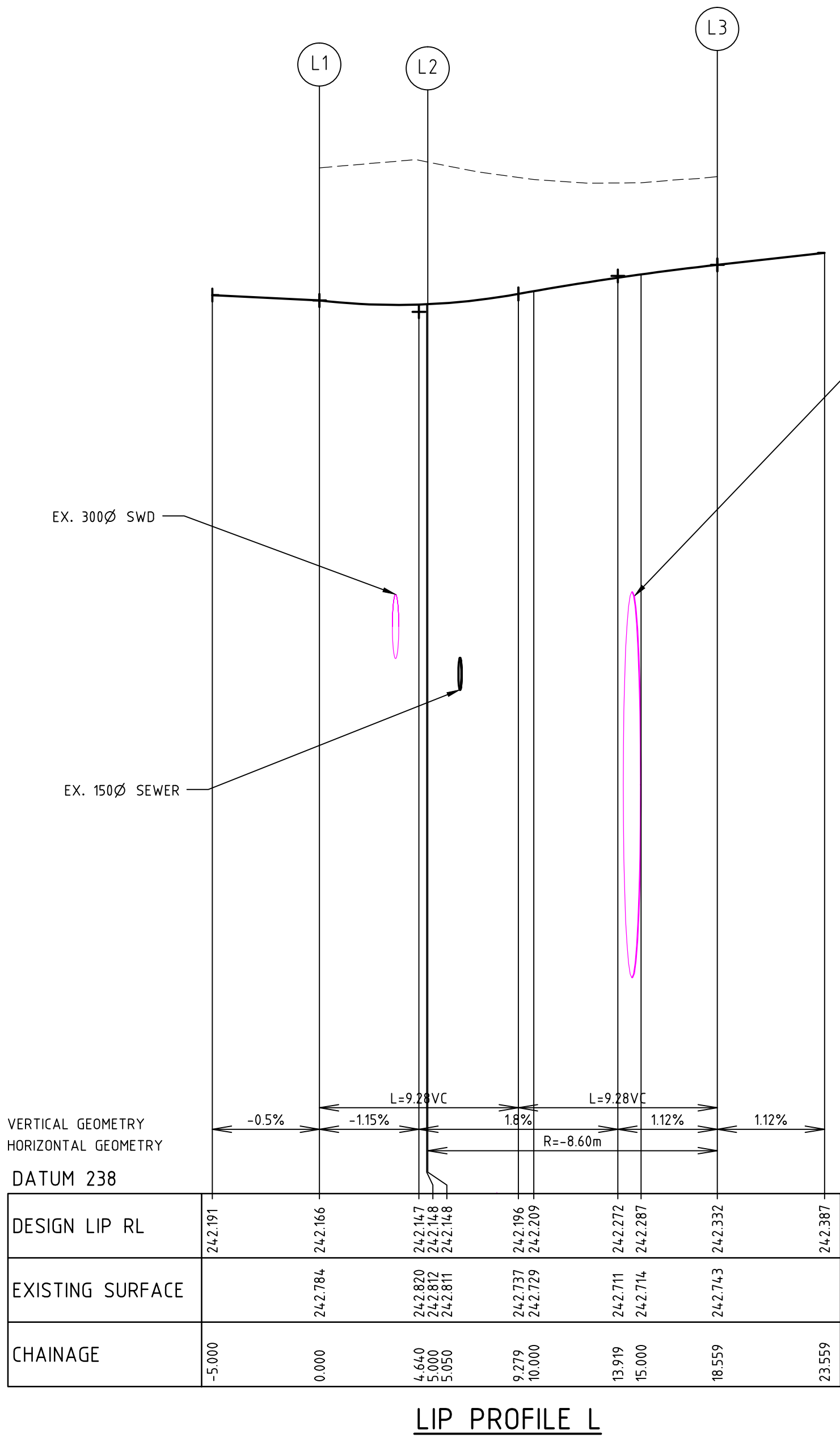
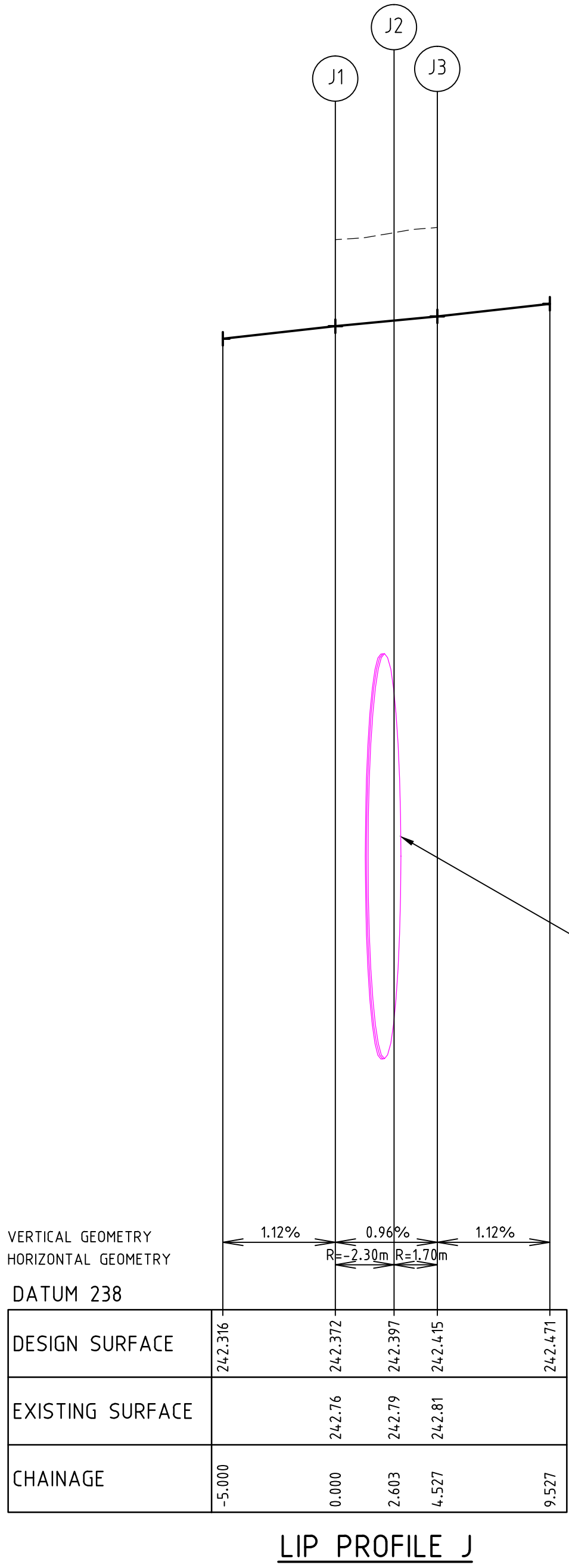
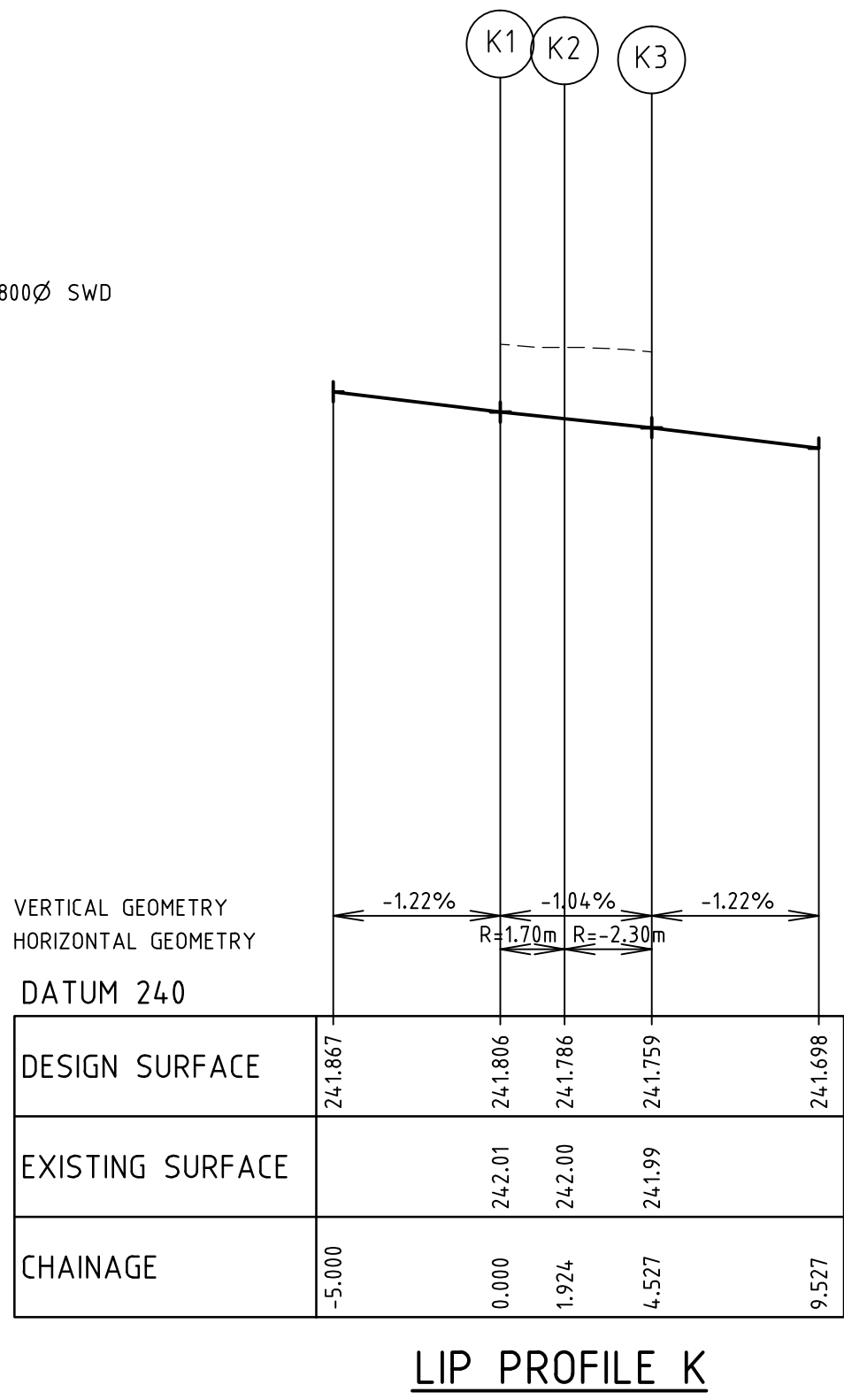
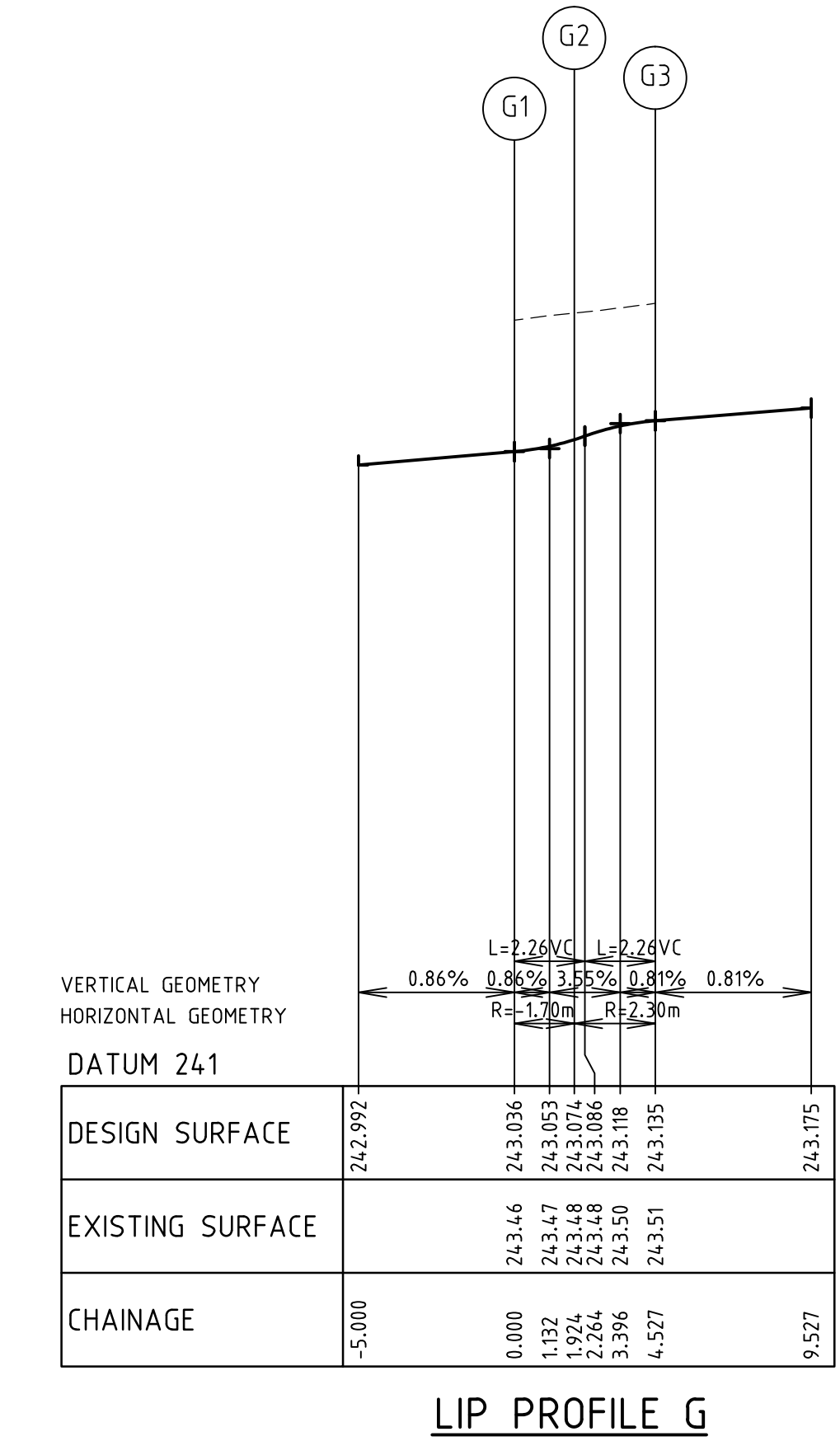
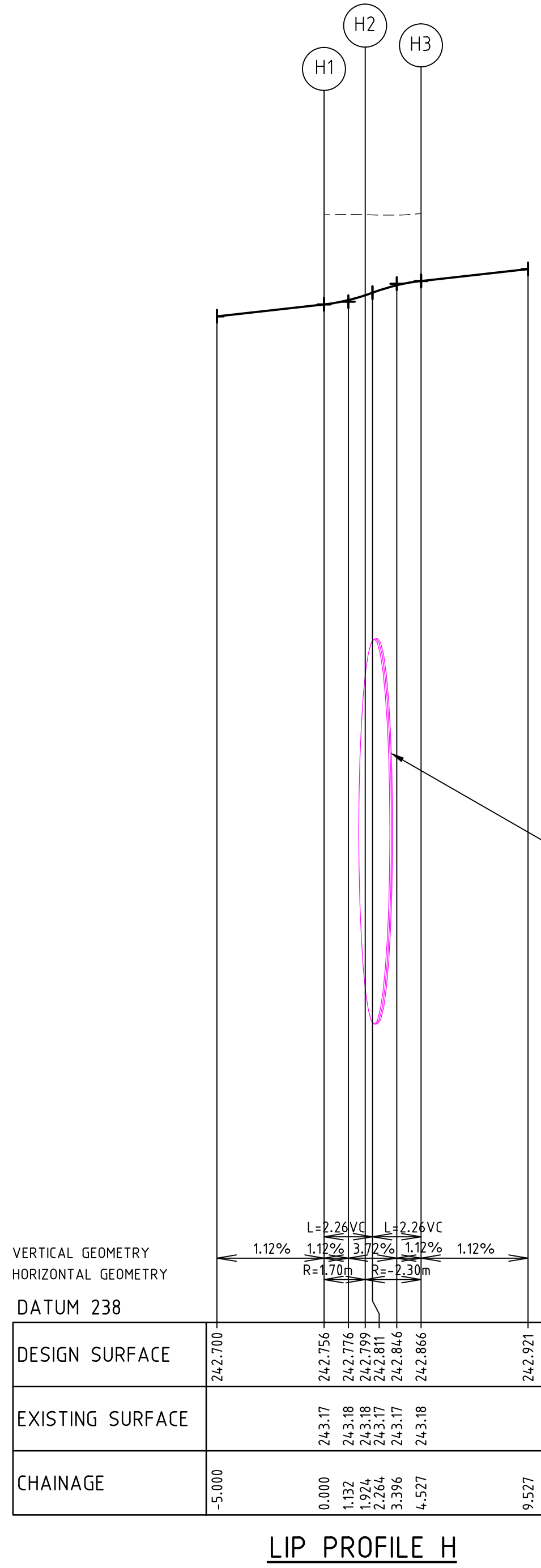
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Levels: AHD
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Ver 1:20 0m 0.2m 0.4m 0.8m 1.2m
Scale @ A1/A3 1:200/1:400

merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
INTERSECTION DETAILS
SHEET 2 OF 5
Drawing No. 11726ID02 Rev 1
Sheet No. 08 AS CONSTRUCTED
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dalton consulting engineers
255 Whitehorse Road
PO Box 348
Balwyn Victoria 3103
Australia
T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com
Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
E info@dceprofile.com

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AS CONSTRUCTED

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MAB gpc

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

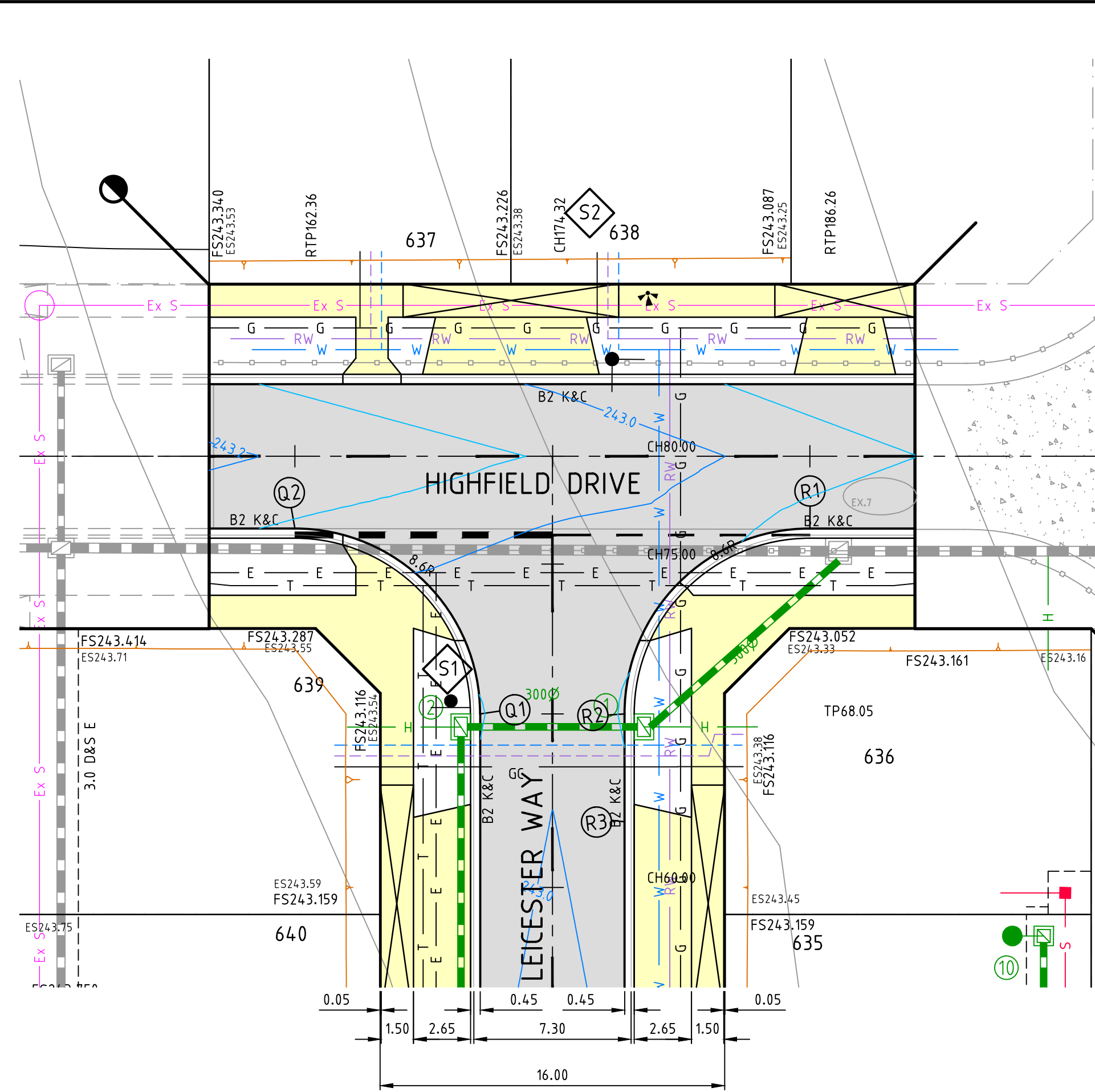
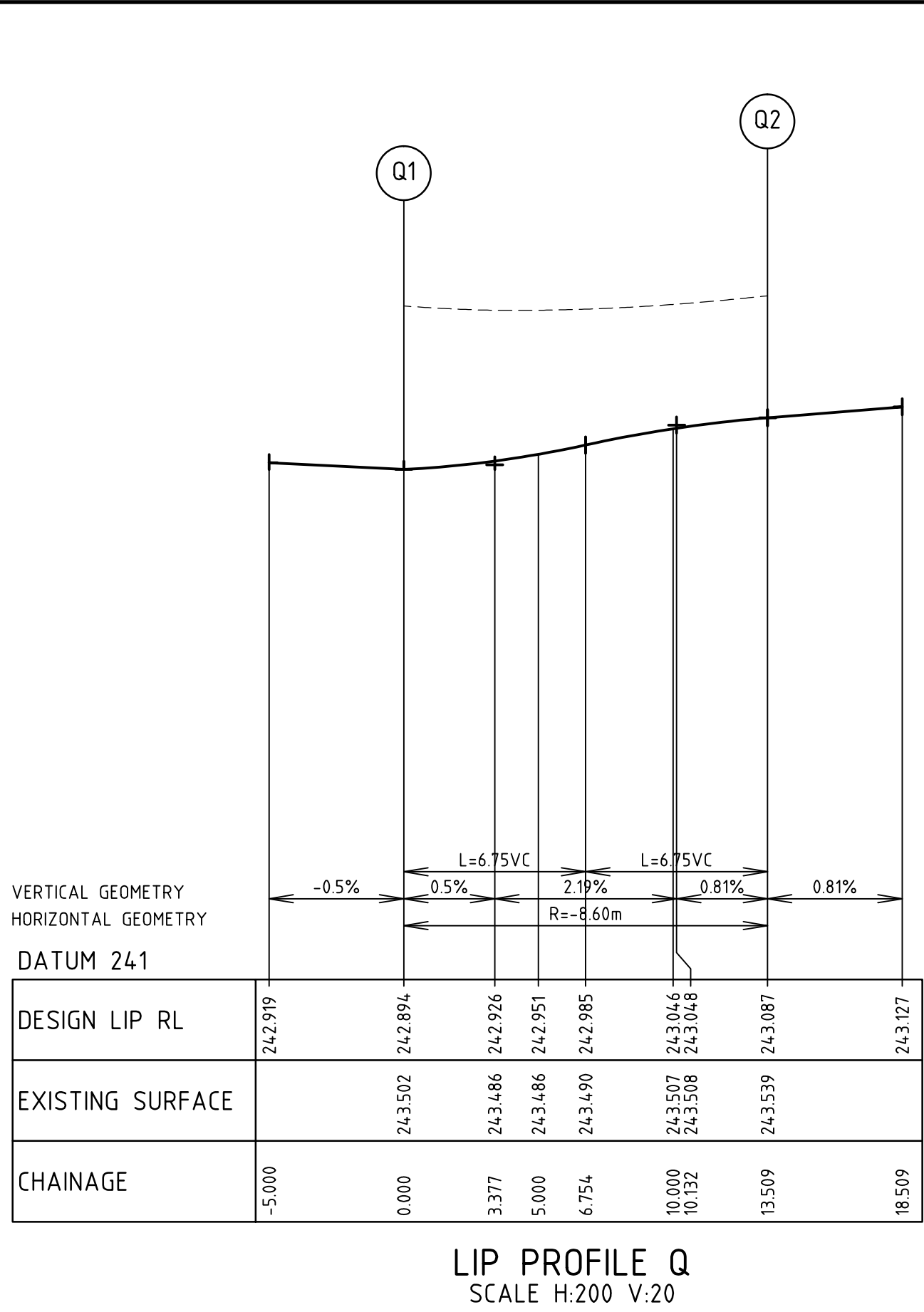
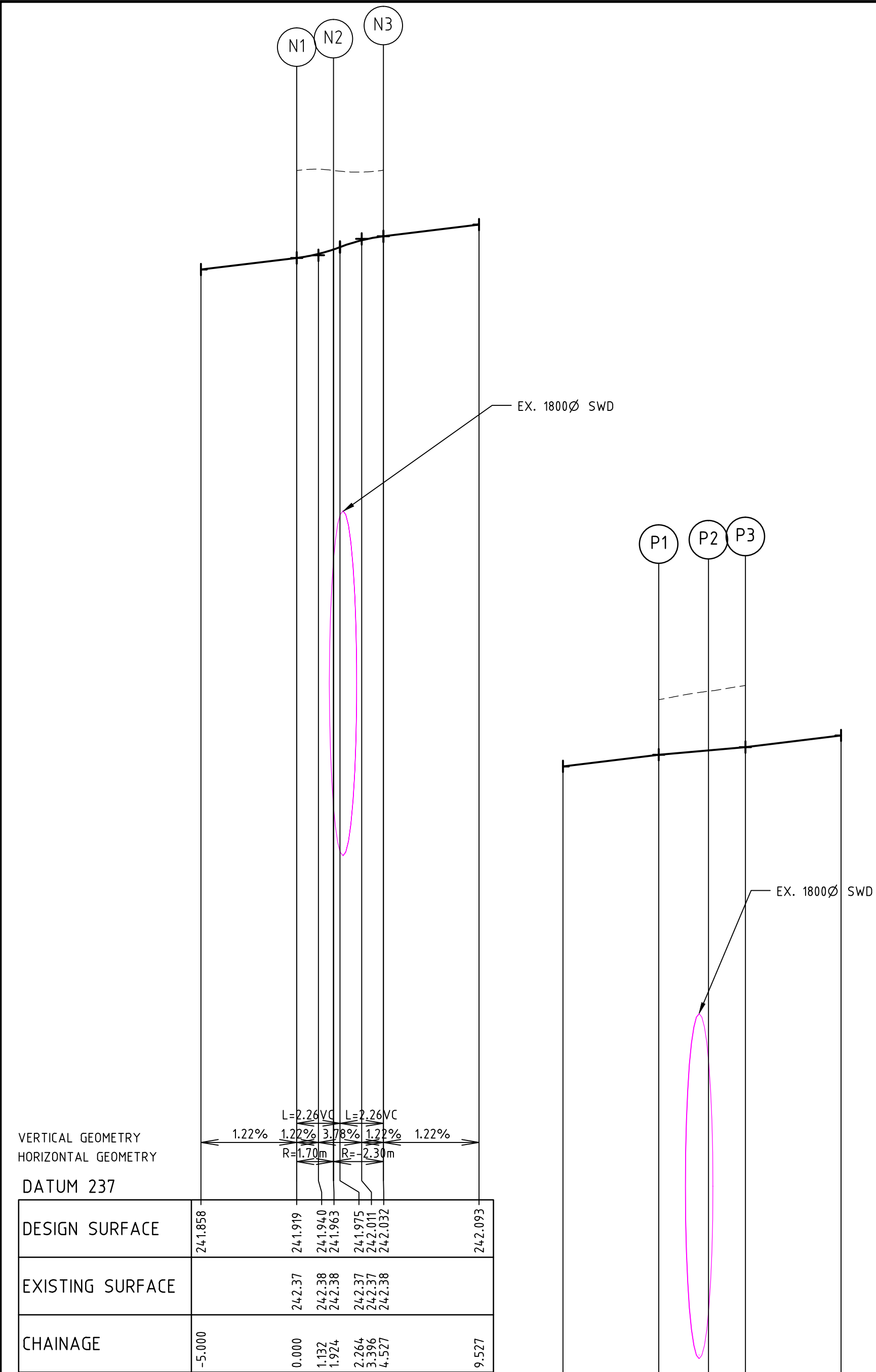
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
INTERSECTION DETAILS
SHEET 3 OF 5
Drawing No. 11726ID03 Rev 1
Sheet No. 09 AS CONSTRUCTED
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DCE
dalton consulting engineers
255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com
Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
E info@dceprofile.com

1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
Designed DT
Date 10/09/14
AN 1031113
Verified BO
Date 09/10/14
AN 161885
Audited SL
Date 06/02/15
AN 1061673
Approved TL
Date 13/02/15
AN 883548
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

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Date/Time: Fri Jul 03, 2015 - 9:22am ---Byron.shade---

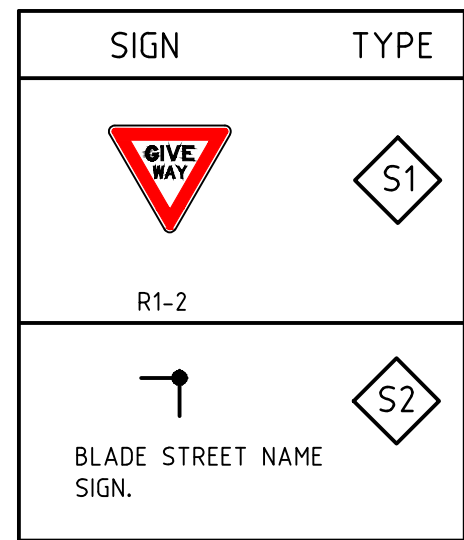


LINEMARKING LEGEND

- 300mm WIDE GIVE WAY HOLDING LINE
- 200mm WIDE GIVE WAY LINE
- 100mm WIDE BARRIER LINE

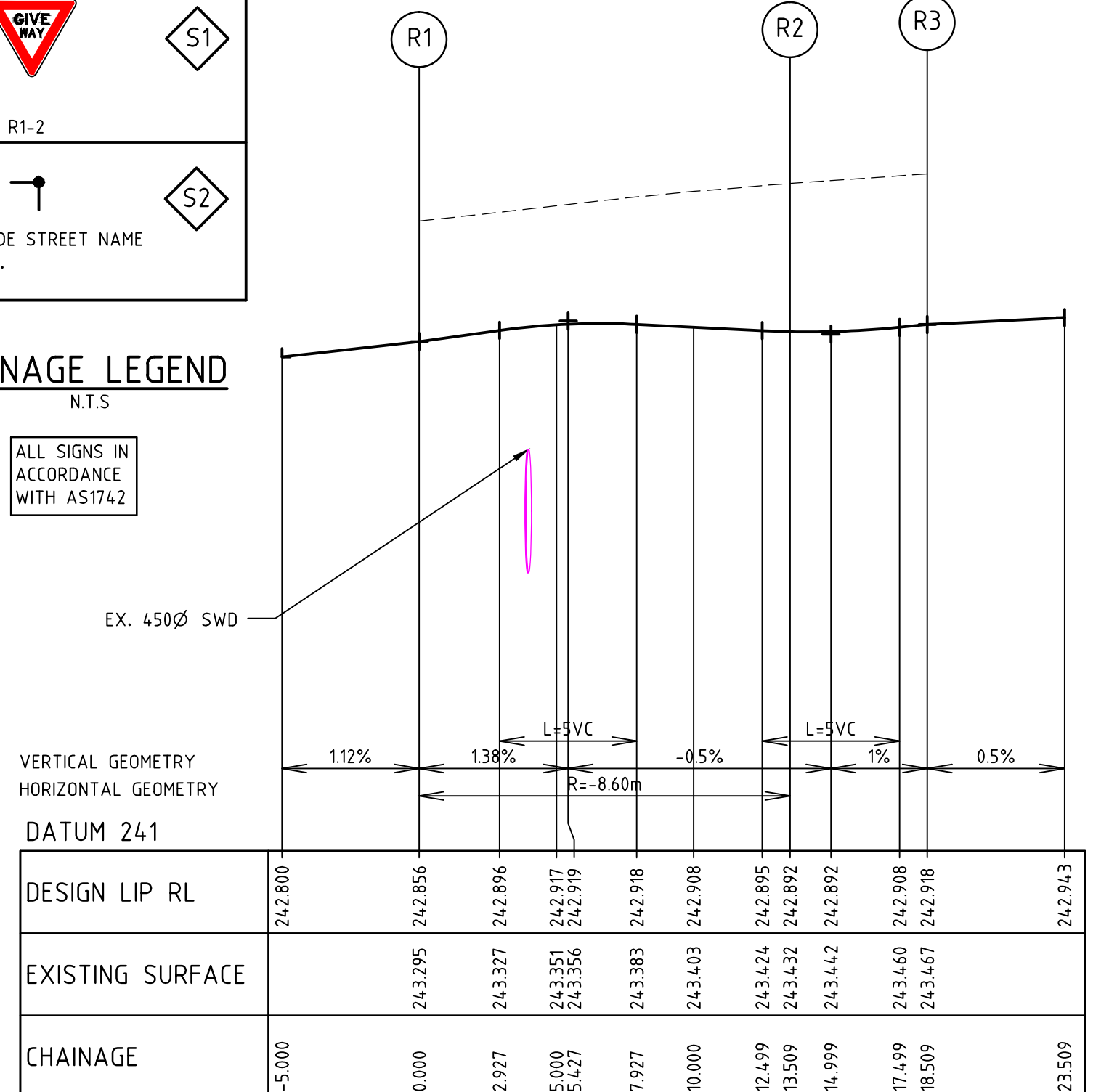
NOTES:
1. ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
2. LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
3. ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE MUNICI-CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC 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.

AS CONSTRUCTED



SIGNAGE LEGEND

N.T.S.
ALL SIGNS IN ACCORDANCE WITH AS1742



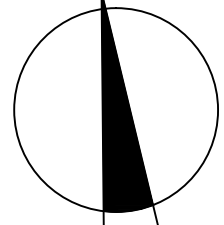
REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL

Drawn DT Date 15/04/14
Designed DT
Date 10/09/14
AN 1031158
Verified BG
Date 09/10/14
AN 161886
Audited SL
Date 06/02/15
AN 1061674
Approved TL
Date 13/02/15
AN 883549
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

- EX W EXISTING WATER MAIN
- EX G EXISTING GAS MAIN
- EX E EXISTING ELECTRICAL CABLE
- EX S EXISTING SEWER MAIN & MANHOLE
- EX T EXISTING TELECOMM. CABLE AND PIT
- EX V EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING TREES TO BE REMOVED
- FS21.650 EXISTING SURFACE LEVEL
- FS21.650 FINISHED SURFACE LEVEL
- OPEN EARTH DRAIN (O.E.D.)
- SEWER MAIN AND MANHOLE

- EX. MW STORMWATER DRAIN & PIT
- STORMWATER DRAIN & PIT
- SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
- PROPERTY INLETS
- HOUSE DRAIN
- GC GAS CONDUIT
- WATER CONDUIT
- RECYCLED WATER CONDUIT
- 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
- FINISHED SURFACE CONTOUR



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

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MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
INTERSECTION DETAILS
SHEET 4 OF 5
Drawing No. 11726ID04 Rev 1
Sheet No. 10 AS CONSTRUCTED
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dalton consulting engineers
255 Whitehorse Road
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Australia
T 61 3 9888 6888
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46 Douglas Street
PO Box 1178
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Australia
T 61 7 3367 1732
E info@dceprofile.com

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Date/Time: Fri Jul 03, 2015 - 9:22am --Byron.Shade--

ALIGNMENT A

POINT NO	EASTING	NORTHING	RL						
A1	315181.293	5843930.513	243.441						
A2	315179.004	5843929.456	243.458						
A3	315177.417	5843928.675	243.471						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A1 - A2	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	243.450
A2 - A3	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	243.464

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL						
B1	315186.148	5843942.104	243.420						
B2	315187.556	5843940.945	243.407						
B3	315189.459	5843939.377	243.390						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	243.413
B2 - B3	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	243.399

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL						
C1	315190.764	5843939.216	243.381						
C2	315200.355	5843946.695	243.151						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	243.262

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL						
D1	315207.004	5843945.872	243.156						
D2	315214.483	5843946.281	243.207						
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	243.202

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL						
E1	315228.895	5843915.958	242.984						
E2	315221.416	5843925.549	243.146						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	243.060

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL						
F1	315245.135	5843922.614	242.914						
F2	315235.544	5843915.135	242.984						
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	242.950

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL						
G1	315227.865	5843936.943	243.036						
G2	315226.218	5843936.162	243.074						
G3	315223.989	5843935.105	243.135						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G1 - G2	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	243.049
G2 - G3	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	243.114

ALIGNMENT H

POINT NO	EASTING	NORTHING	RL						
H1	315252.743	5843919.356	242.756						
H2	315251.336	5843920.515	242.799						
H3	315249.432	5843922.083	242.866						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
H1 - H2	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	242.772
H2 - H3	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	242.841

ALIGNMENT J

POINT NO	EASTING	NORTHING	RL						
J1	315293.289	5843916.657	242.372						
J2	315291.061	5843915.600	242.397						
J3	315289.414	5843914.819	242.415						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
J1 - J2	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	242.384
J2 - J3	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	242.406

ALIGNMENT K

POINT NO	EASTING	NORTHING	RL						
K1	315342.442	5843922.768	241.806						
K2	315343.849	5843921.609	241.786						
K3	315345.753	5843920.041	241.759						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
K1 - K2	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	241.796
K2 - K3	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	241.772

ALIGNMENT L

POINT NO	EASTING	NORTHING	RL						
L1	315303.700	5843901.615	242.166						
L2	315304.320	5843906.626	242.148						
L3	315296.841	5843916.217	242.332						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
L2 - L3	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	242.239

ALIGNMENT M

POINT NO	EASTING	NORTHING	RL						
M1	315320.560	5843913.283	242.053						
M2	315310.969	5843905.804	242.140						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
M1 - M2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	242.106

ALIGNMENT N

POINT NO	EASTING	NORTHING	RL						
N1	315325.558	5843910.347	241.919						
N2	315324.151	5843911.506	241.963						
N3	315322.247	5843913.074	242.032						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
N1 - N2	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	241.936
N2 - N3	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	242.007

ALIGNMENT P

POINT NO	EASTING	NORTHING	RL						
P1	315348.531	5843909.822	241.710						
P2	315346.302	5843908.765	241.733						
P3	315344.655	5843907.984	241.750						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
P1 - P2	64.849	2.300	2.603	0.359	0.267	0.642	0.591	0.651	241.721
P2 - P3	64.849	1.700	1.924	0.265	0.197	0.475	0.437	0.481	241.741

ALIGNMENT Q

POINT NO	EASTING	NORTHING	RL						
Q1	315207.053	5844000.832	242.894						
Q2	315199.574	5844010.423	243.087						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
Q1 - Q2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	242.985

ALIGNMENT R

POINT NO	EASTING	NORTHING	RL						
R1	315223.293	5844007.488	242.856						
R2	315213.702	5844000.009	242.892						
R3	315213.088	5843995.047	242.918						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
R1 - R2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	242.922

ALIGNMENT T

POINT NO	EASTING	NORTHING	RL						
T1	315351.494	5843914.393	241.780						
T2	315366.019	5843912.596	241.695						
T3	315366.576	5843913.031	241.693						
T4	315367.058	5843916.924	241.684						
T5	315366.623	5843917.481	241.682						
T6	315365.631	5843917.604	241.680						
T7	315363.022	5843920.950	241.669						
T8	315363.940	5843928.371	241.651						
T9	315363.505	5843928.928	241.649						
T10	315356.955	5843929.739	241.700						
T11	315356.397	5843929.304	241.696						
T12	315355.477	5843921.861	241.657						
T13	315352.131	5843919.252	241.632						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
T2 - T3	90.000	0.500	0.785	0.146	0.108	0.191	0.162	0.196	241.694
T4 - T5	90.000	0.500	0.785	0.146	0.108	0.191	0.162	0.196	241.693
T6 - T7	90.000	3.000	4.712	0.879	0.650	1.148	0.973	1.178	241.674
T8 - T9	90.000	0.500	0.785	0.146	0.108	0.191	0.162	0.196	241.650
T10- T11	90.000	0.500	0.785	0.146	0.108	0.191	0.162	0.196	241.698
T12- T13	90.000	3.000	4.712	0.879	0.650	1.148	0.973	1.178	241.644

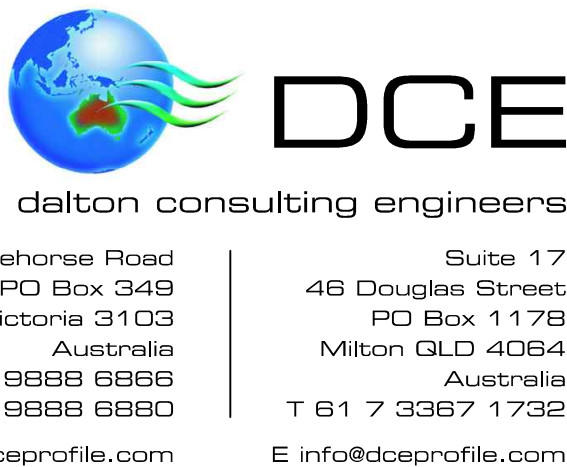
AS CONSTRUCTED



Coords: MGA
Levels: AHD

Scale @ A1/A3

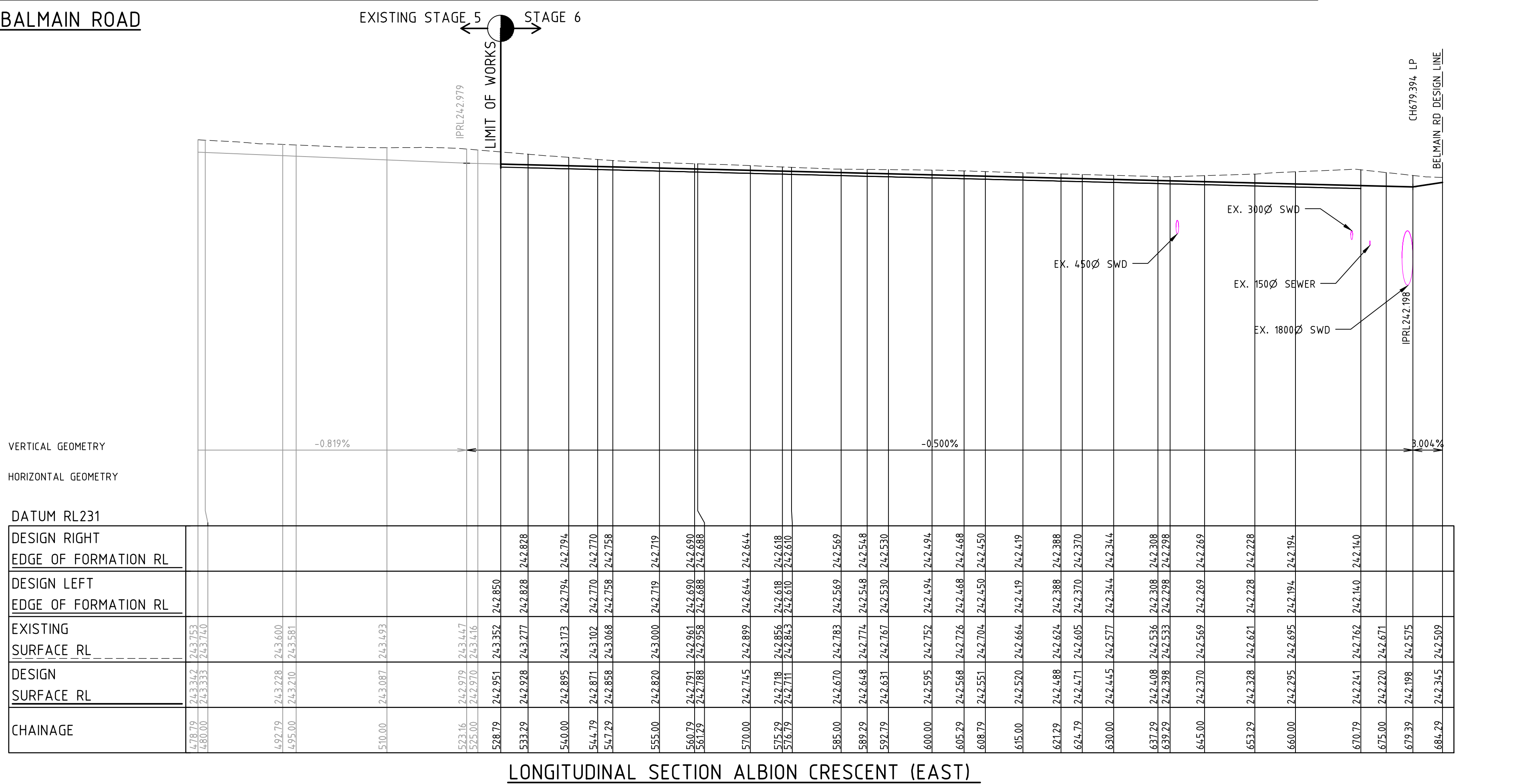
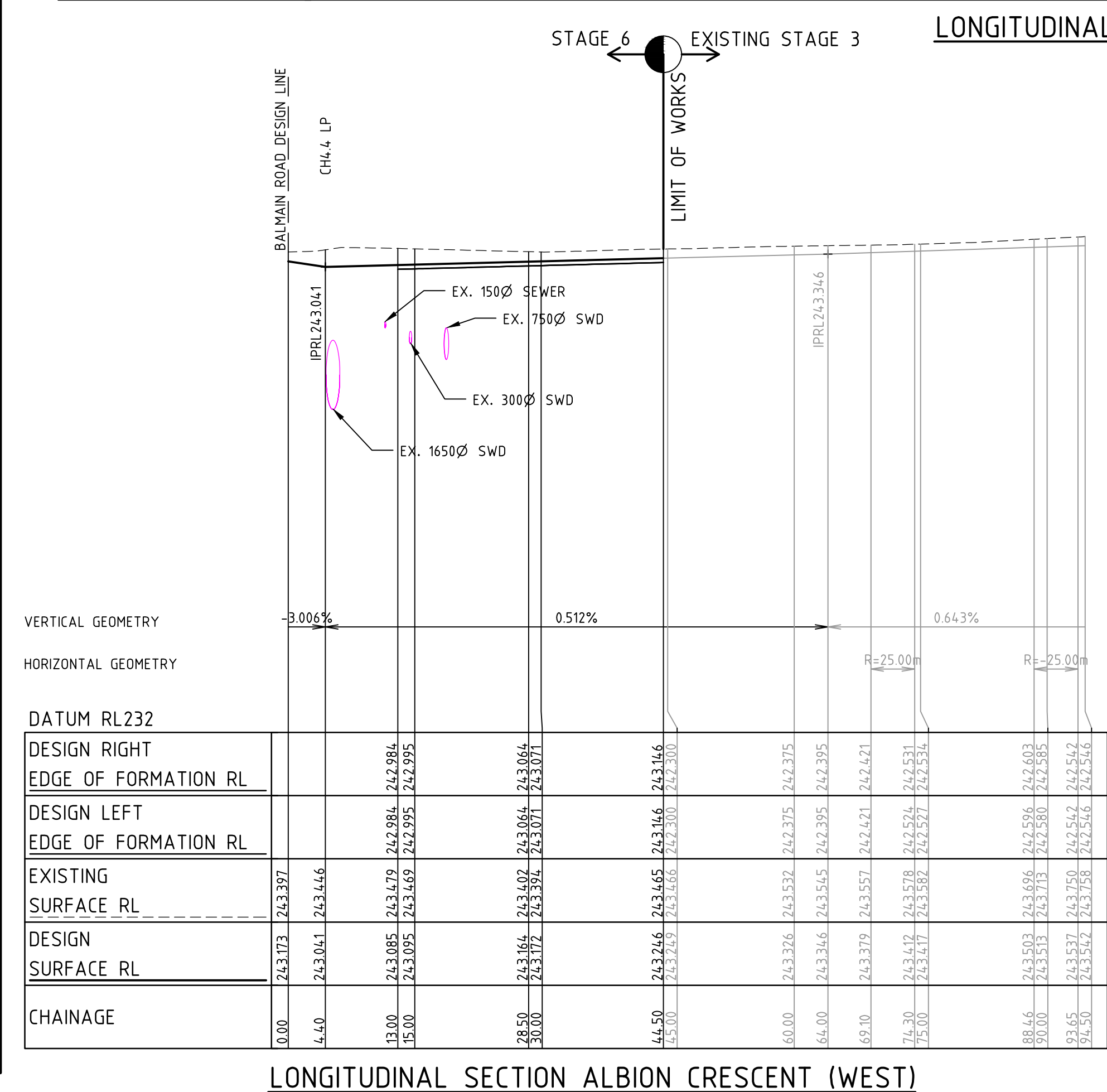
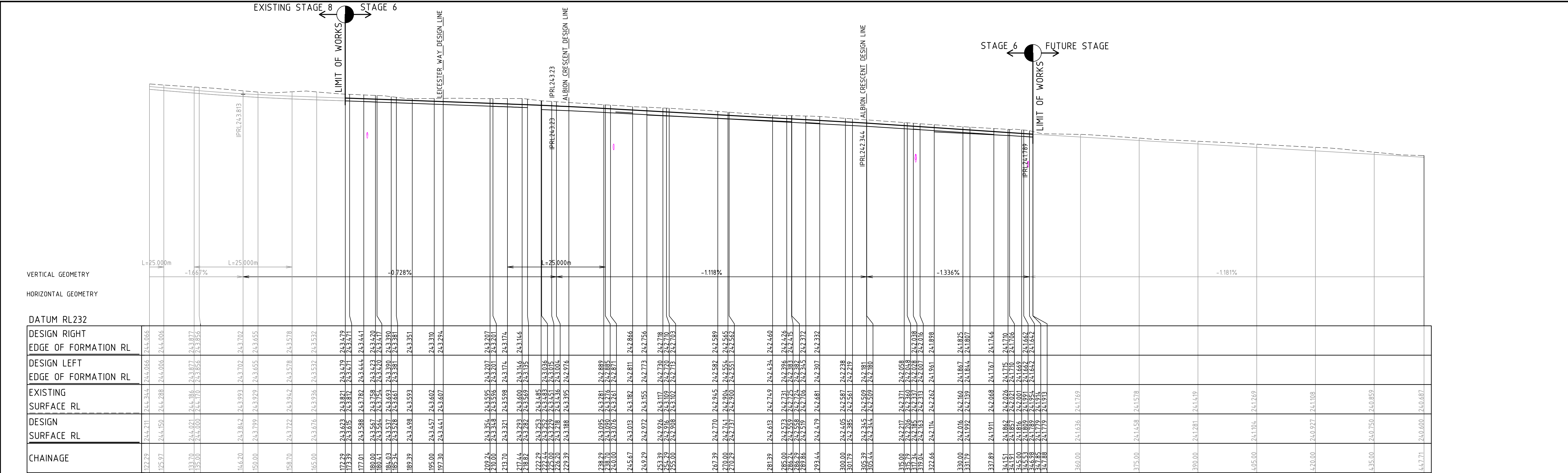
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
INTERSECTION DETAILS
SHEET 5 OF 5
Drawing No. 11726ID05 Rev 1
Sheet No. 11 AS CONSTRUCTED
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AN 1001159
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AN 1061675
Approved TL Date 13/02/15
AN 883550
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.

1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

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Date/Time: Fri Jul 03, 2015 - 9:22am ---Byron Ashdale---



LONGITUDINAL SECTION ALBION CRESCENT (WEST)

LONGITUDINAL SECTION ALBION CRESCENT (EAST)

REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL

Drawn DT Date 15/04/14
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AN 031114
Verified BG
Date 09/10/14
AN 161888
Audited SL
Date 06/02/15
AN 1061676
Approved TL
Date 13/02/15
AN 883551
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

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Levels: AHD
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Ver 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:500/1:1000

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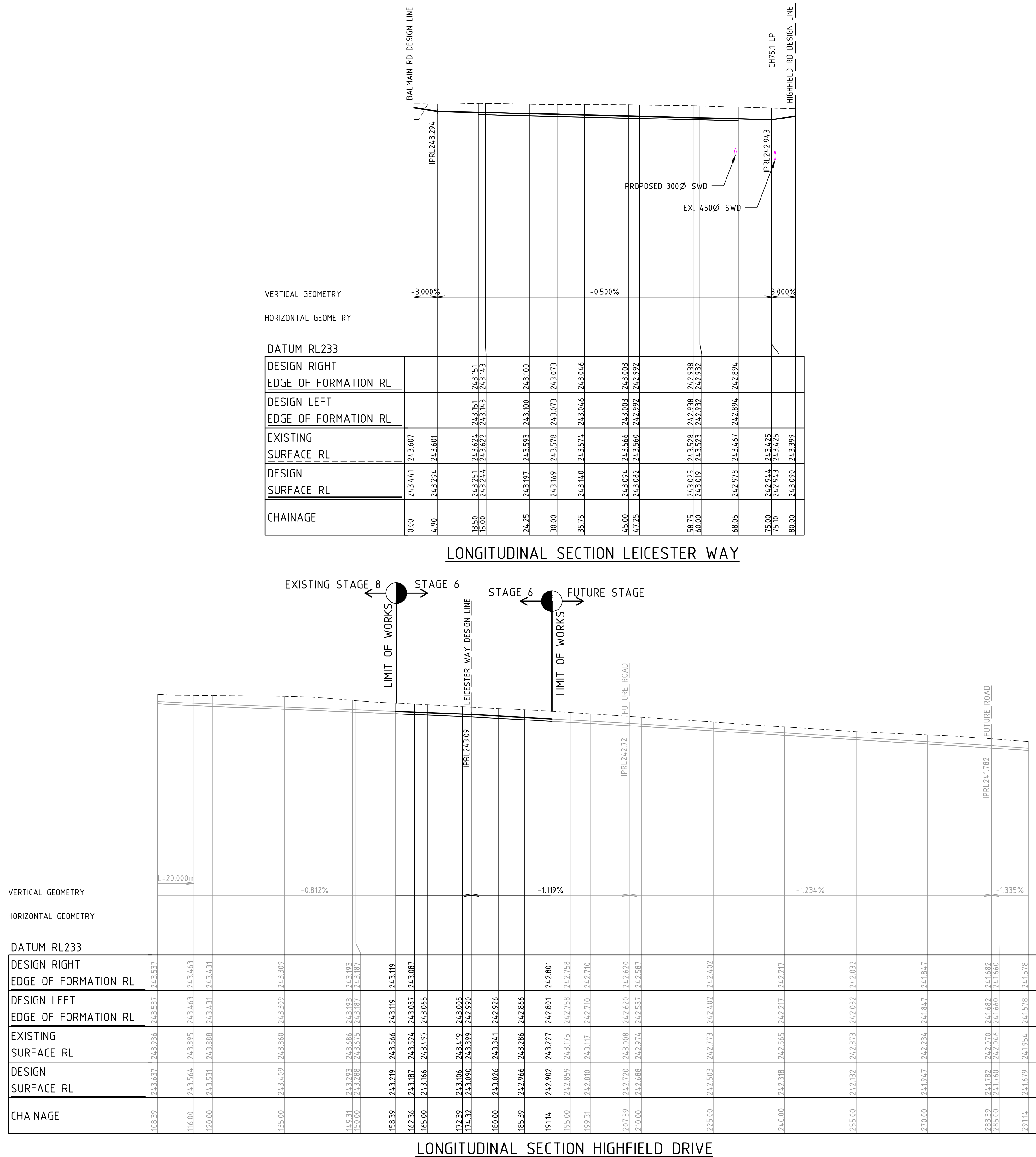
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
LONGITUDINAL SECTIONS
SHEET 1 OF 2
Drawing No. 11726LS01 Rev 1
Sheet No. 12 AS CONSTRUCTED
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255 Whitehorse Road
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T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com
Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
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1	AS CONSTRUCTED	02/07/15	TL
0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT	Date 15/04/14
Designed DT	
Date	10/09/14
AN	1031161
Verified	BG
Date	09/10/14
AN	161889
Audited	SL
Date	06/02/15
AN	1061677
Approved TL	
Date	13/02/15
AN	883552
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



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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
LONGITUDINAL SECTIONS
SHEET 2 OF 2
Drawing No. 11726LS02 Rev 1
Sheet No. 13 AS CONSTRUCTED
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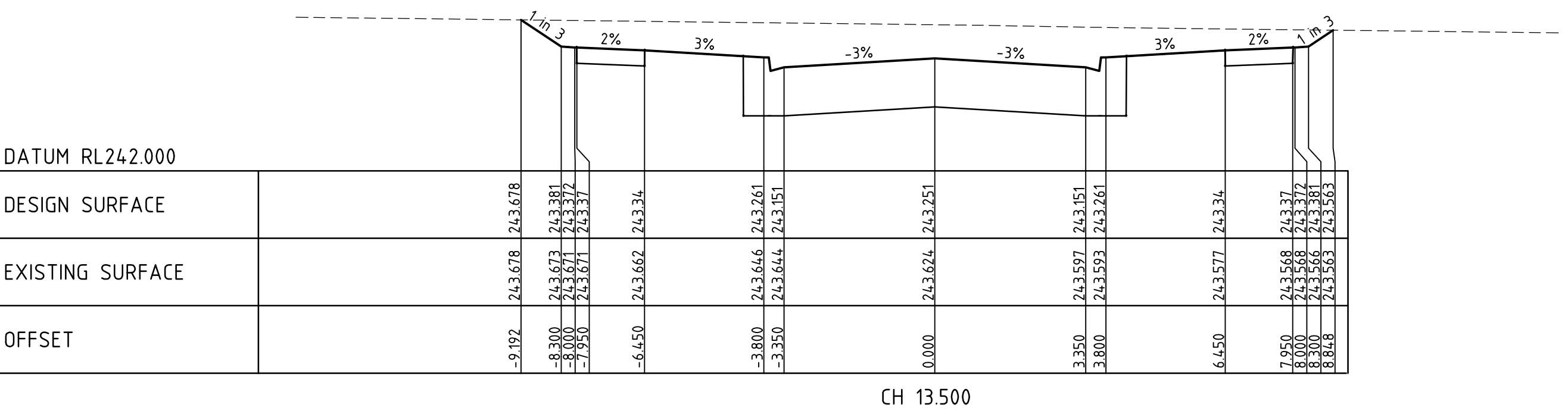
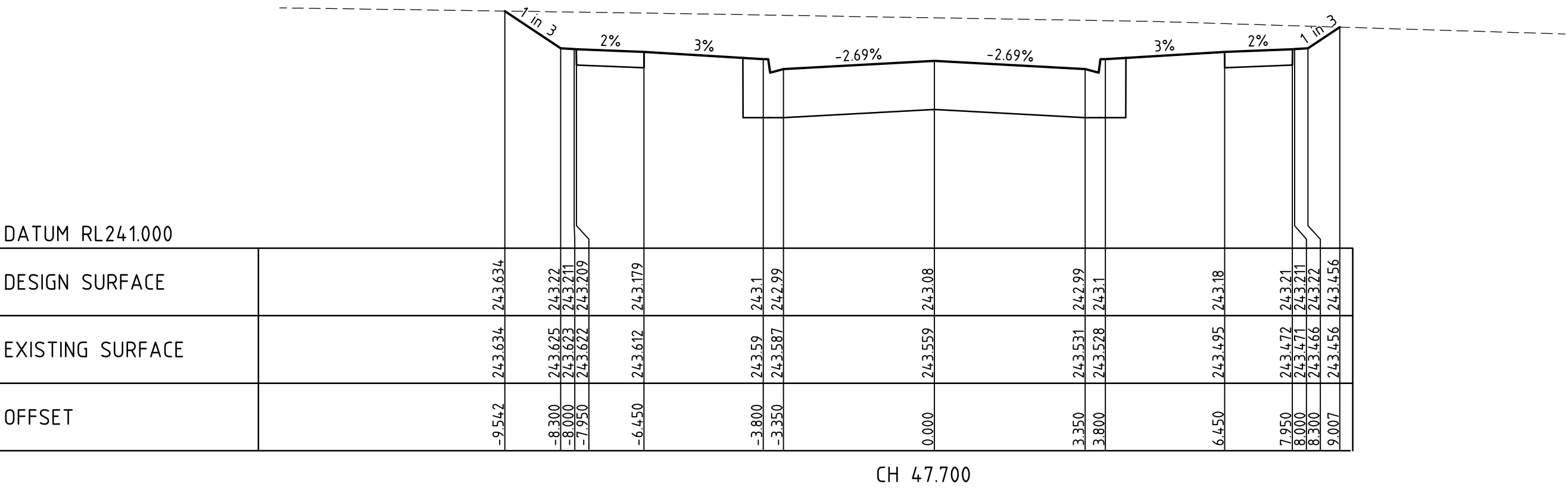
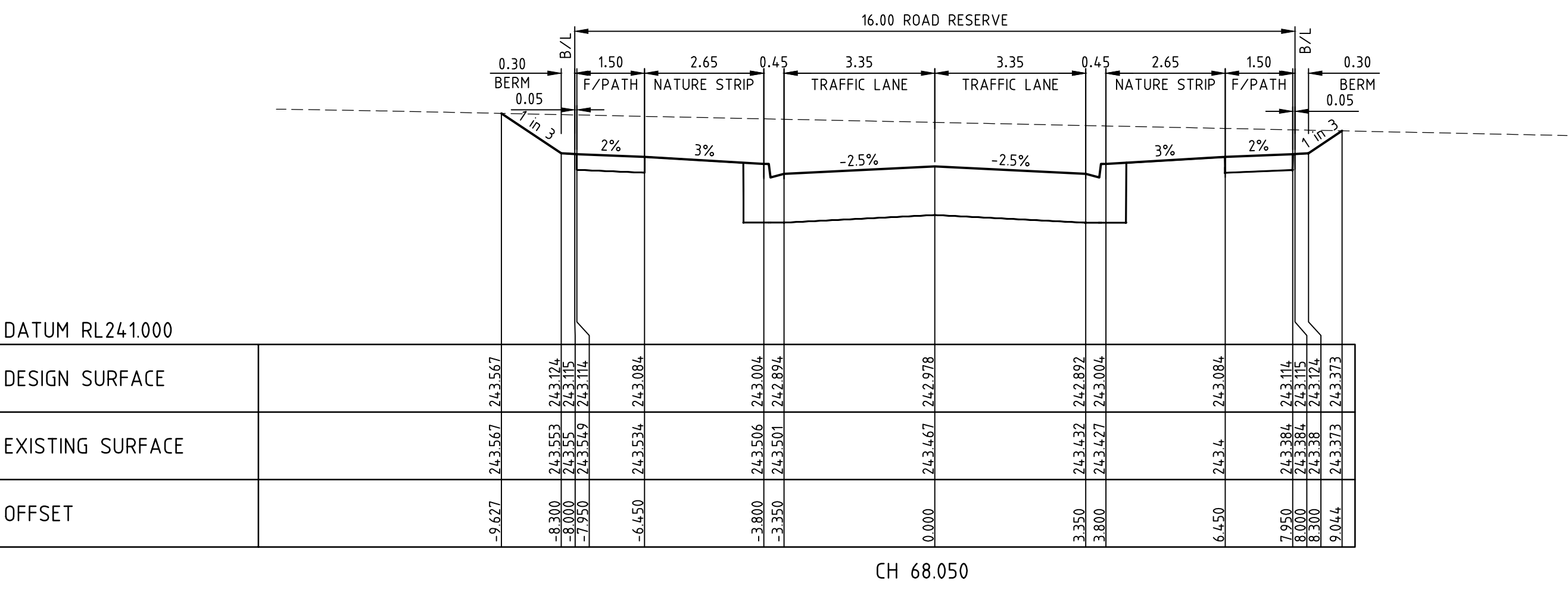


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0	ISSUED FOR CONSTRUCTION	13/02/15	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn DT	Date 15/04/14
Designed DT	
Date	10/09/14
AN	1031115
Verified BG	
Date	09/10/14
AN	151890
Audited SL	
Date	06/02/15
AN	1061678
Approved TL	
Date	13/02/15
AN	883553
Written dimensions to take precedence over scale.	
Contractor shall check and verify all dimensions on site.	
Discrepancies to be brought to the attention of the Superintendent.	

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Coords: MGA
Levels: AHD

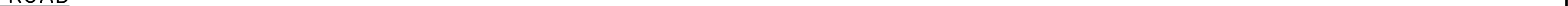
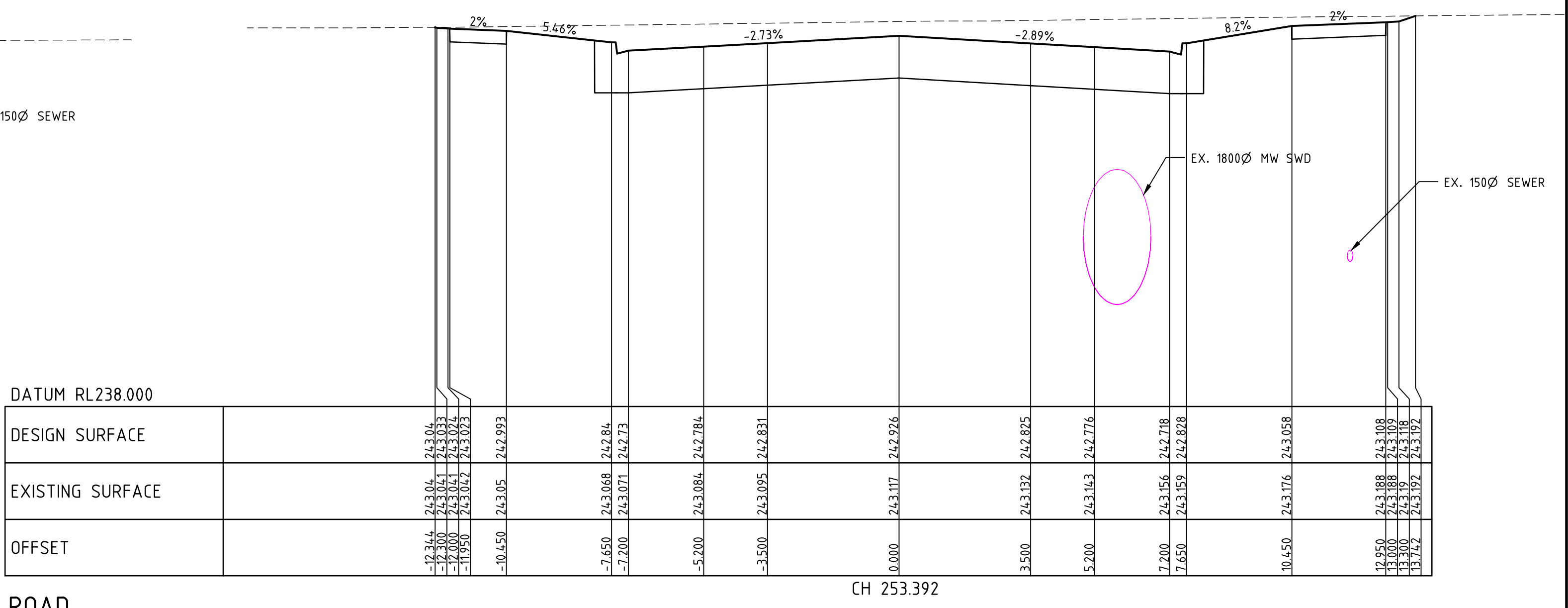
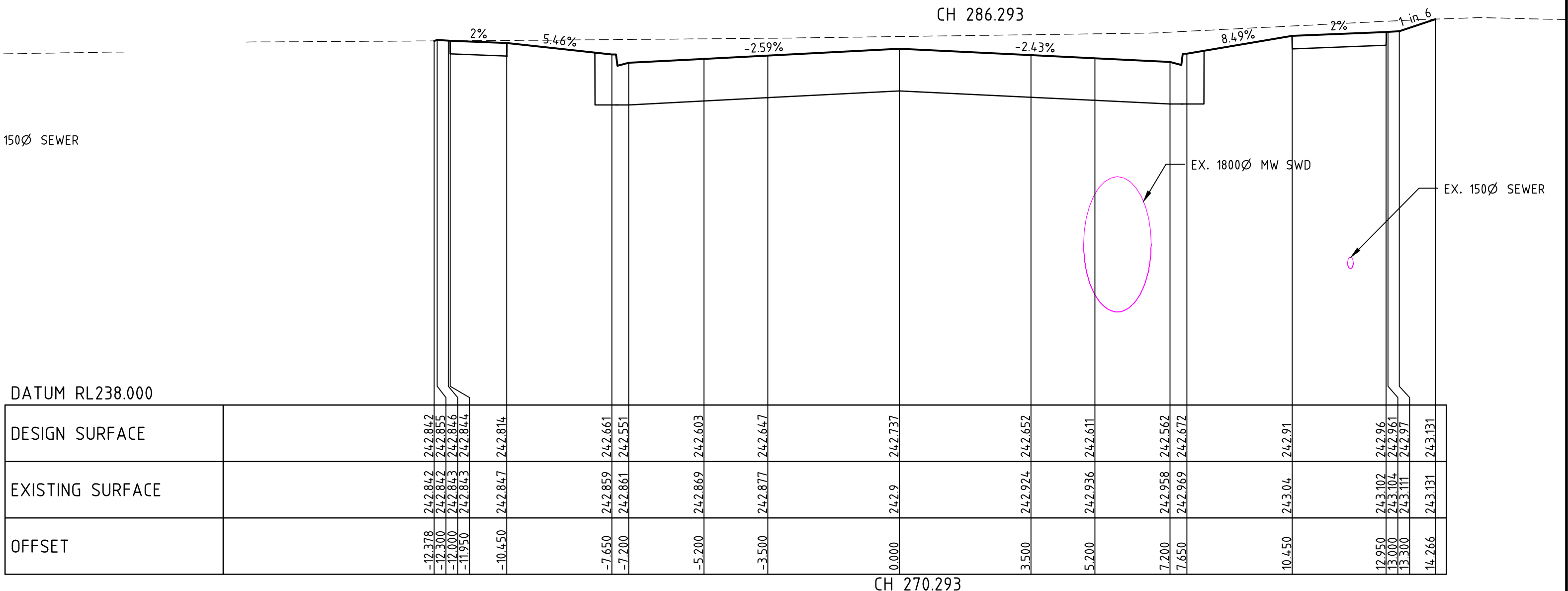
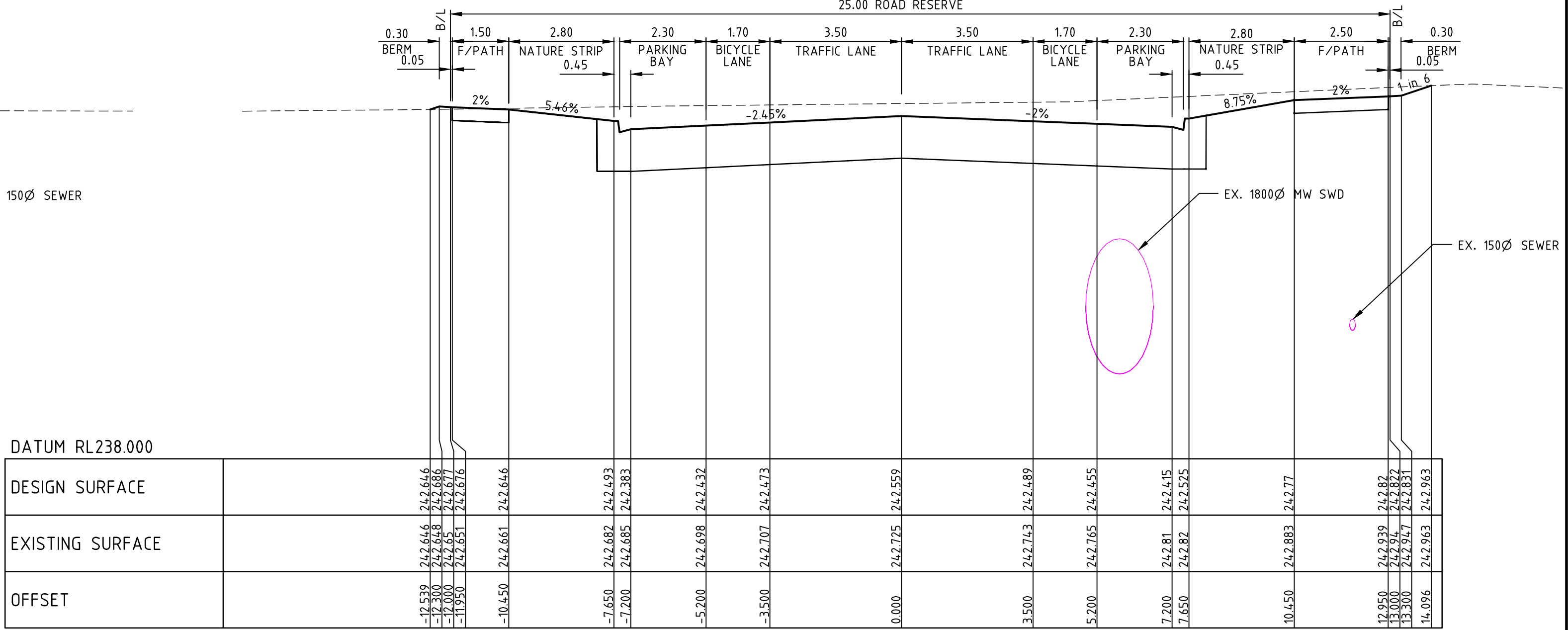
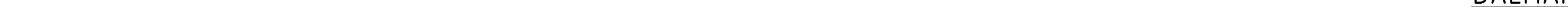
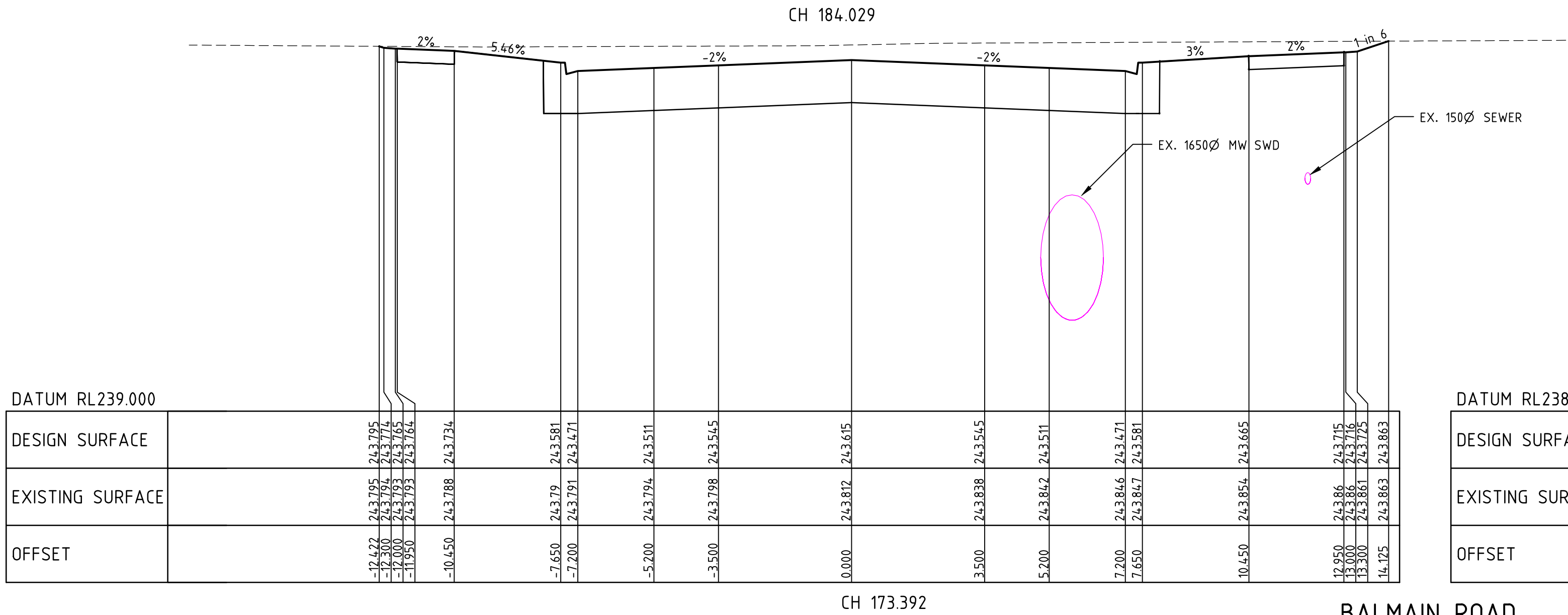
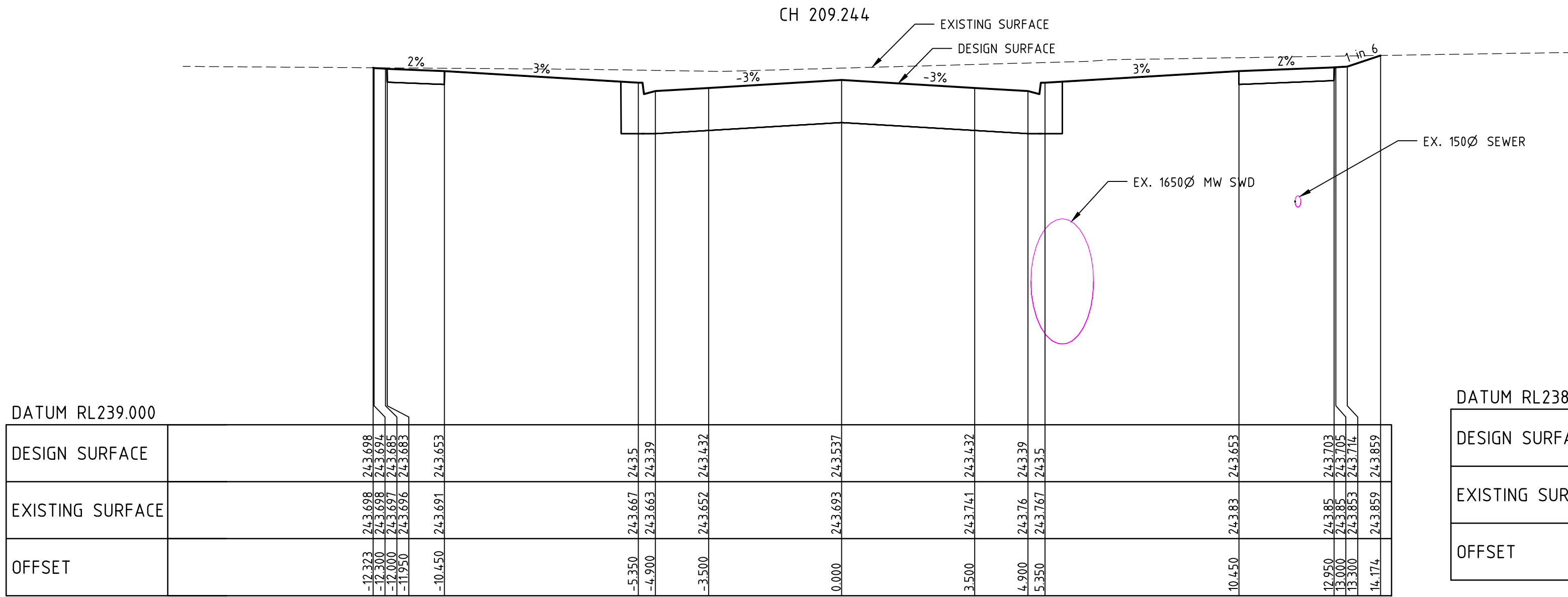
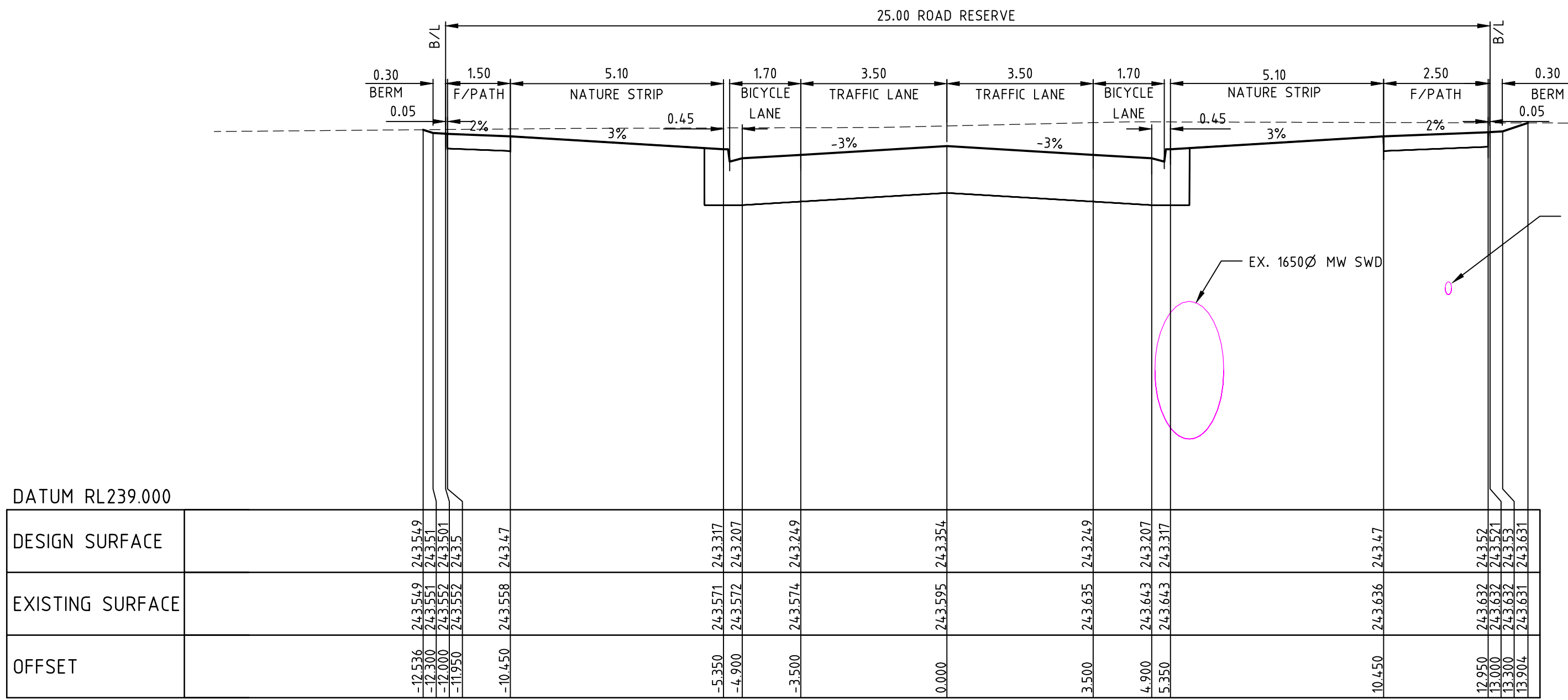
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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
CROSS SECTIONS
SHEET 1 OF 4
Drawing No. 11726XS01 Rev 1
Sheet No. 14 AS CONSTRUCTED
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BALMAIN ROAD

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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
CROSS SECTIONS
SHEET 2 OF 4
Drawing No. 11726XS02 Rev 1
Sheet No. 15 AS CONSTRUCTED
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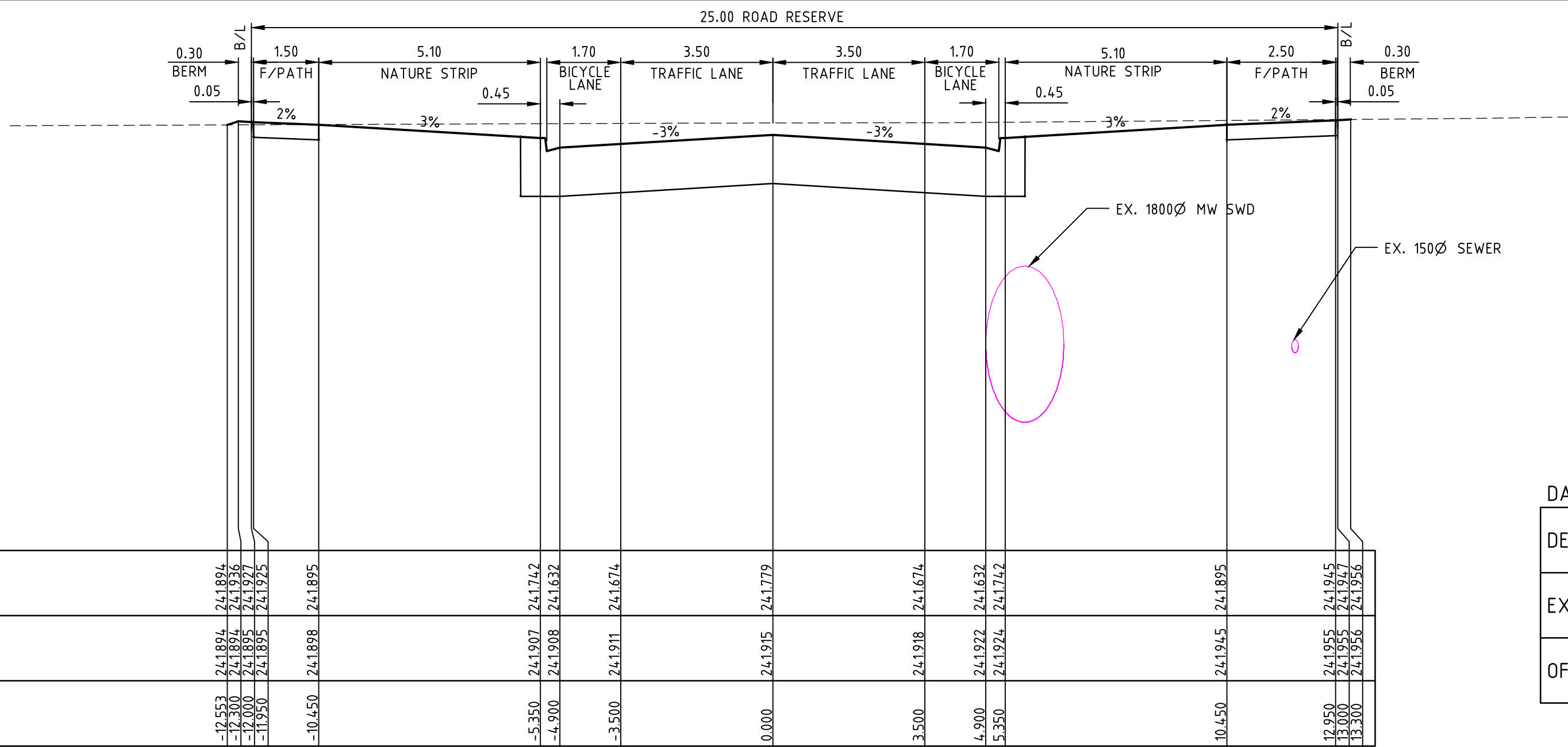
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Coords: MGA
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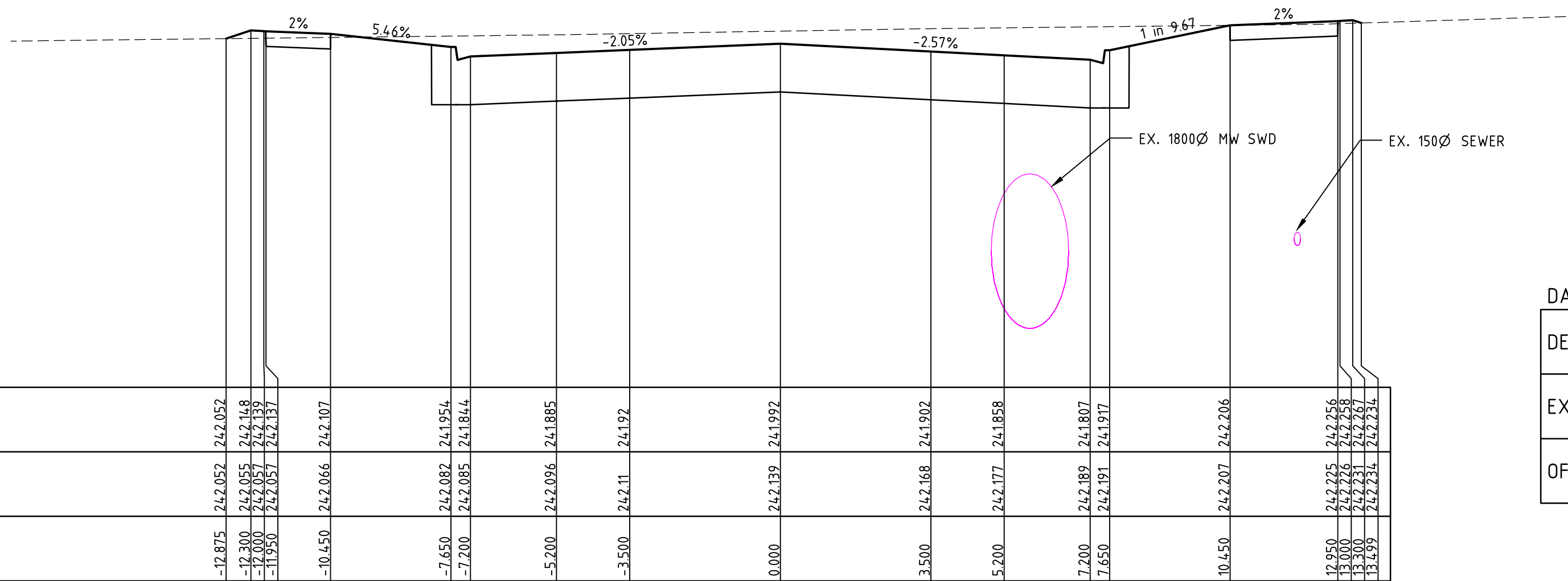
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Verified BO Date 09/10/14
AN 161891
Audited SL Date 06/02/15
AN 1061679
Approved TL Date 13/02/15
AN 883554
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
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REV	AMENDMENTS	DATE	APP'D.
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0	ISSUED FOR CONSTRUCTION	13/02/15	TL

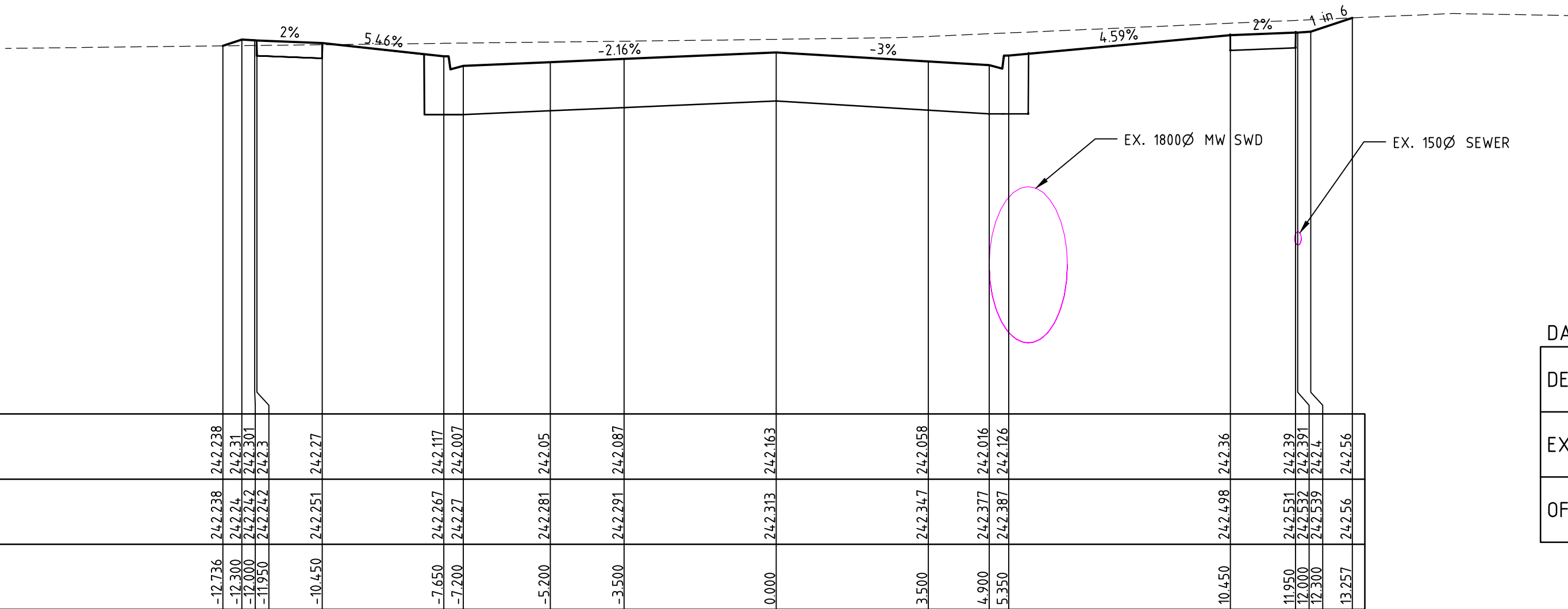
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CH 347.825

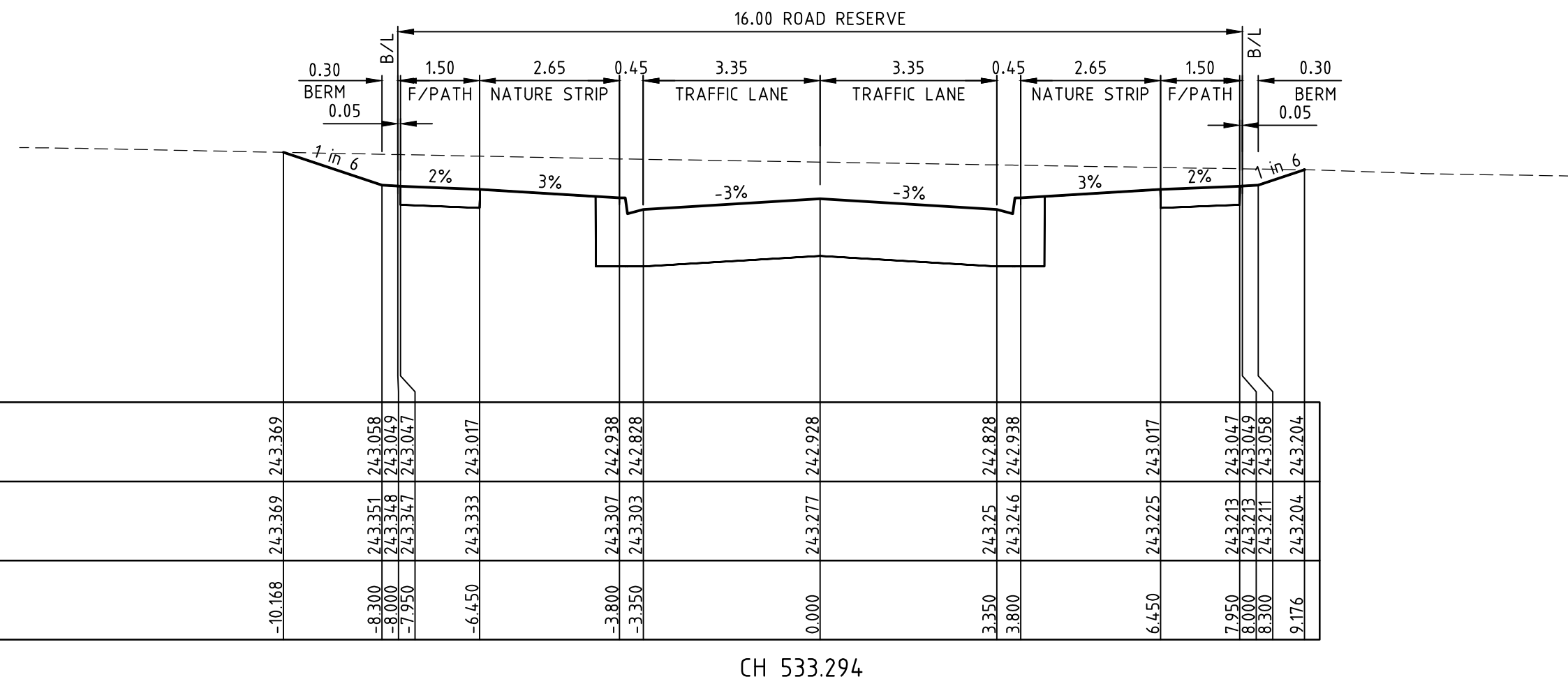


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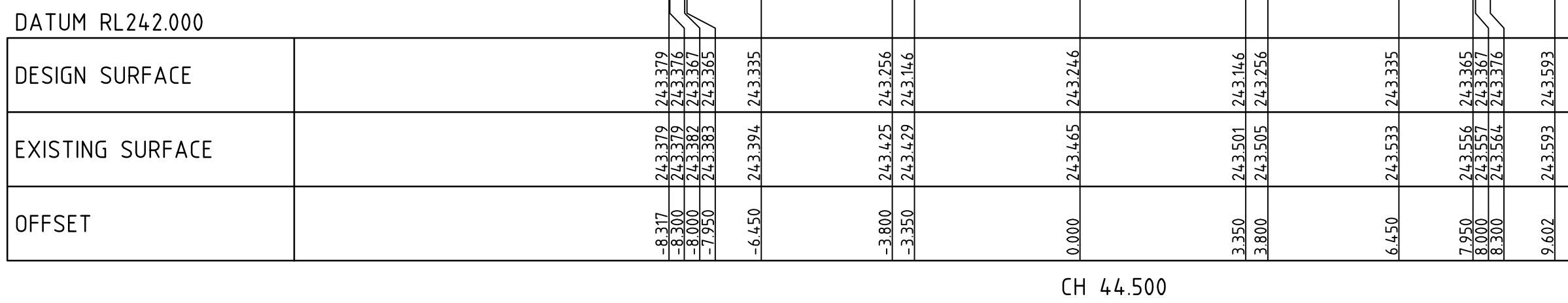


CH 319.042

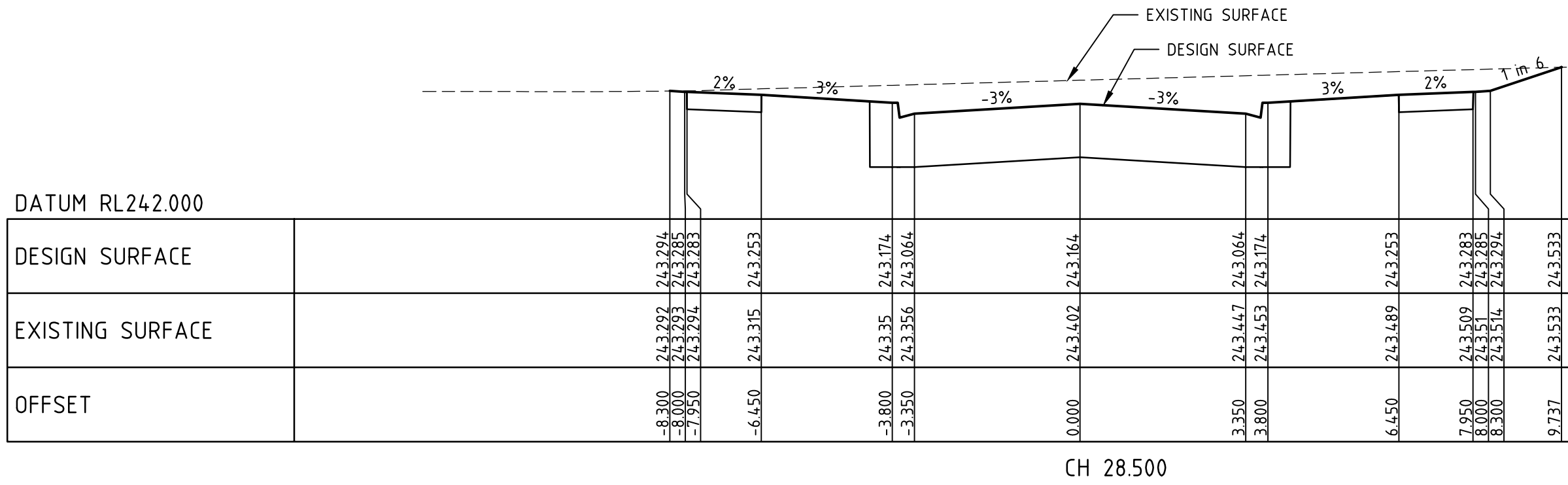
BALMAIN ROAD



CH 533.294



CH 44.500



CH 28.500

ALBION CRESCENT

REV	AMENDMENTS	DATE	APP'D.
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0	ISSUED FOR CONSTRUCTION	13/02/15	TL

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Designed DT
Date 10/09/14
AN 031117
Verified BG
Date 09/10/14
AN 161892
Audited SL
Date 06/02/15
AN 1061880
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Date 13/02/15
AN 883555
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

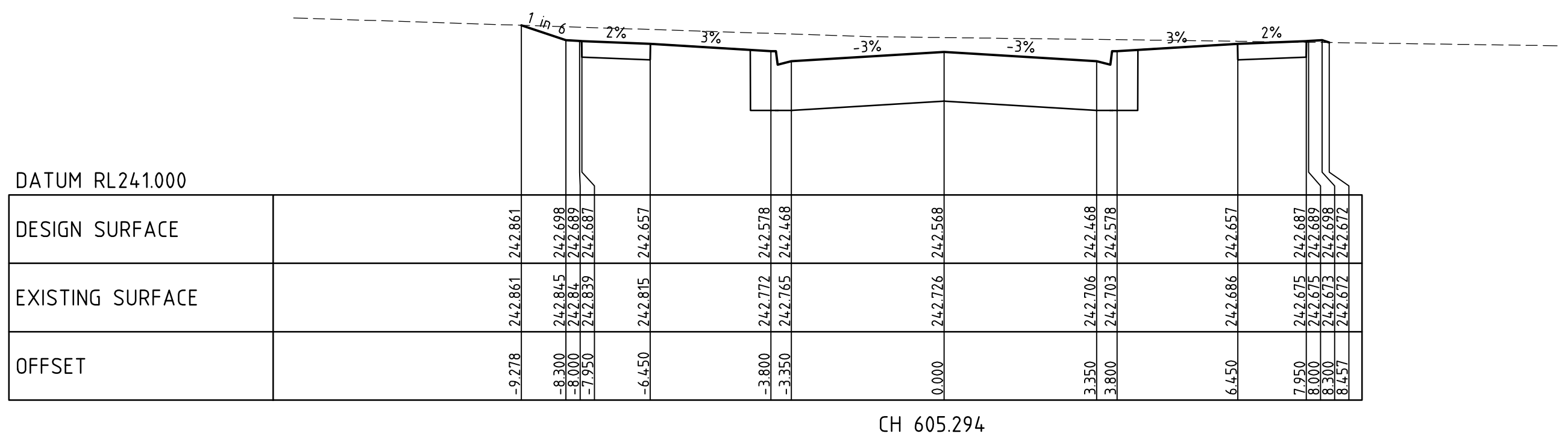
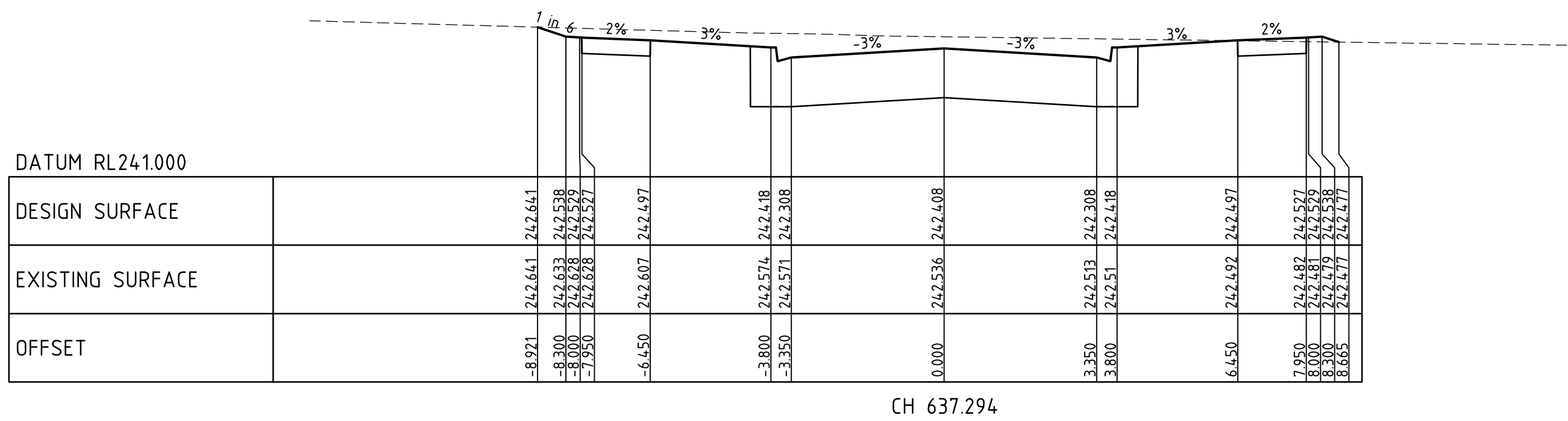
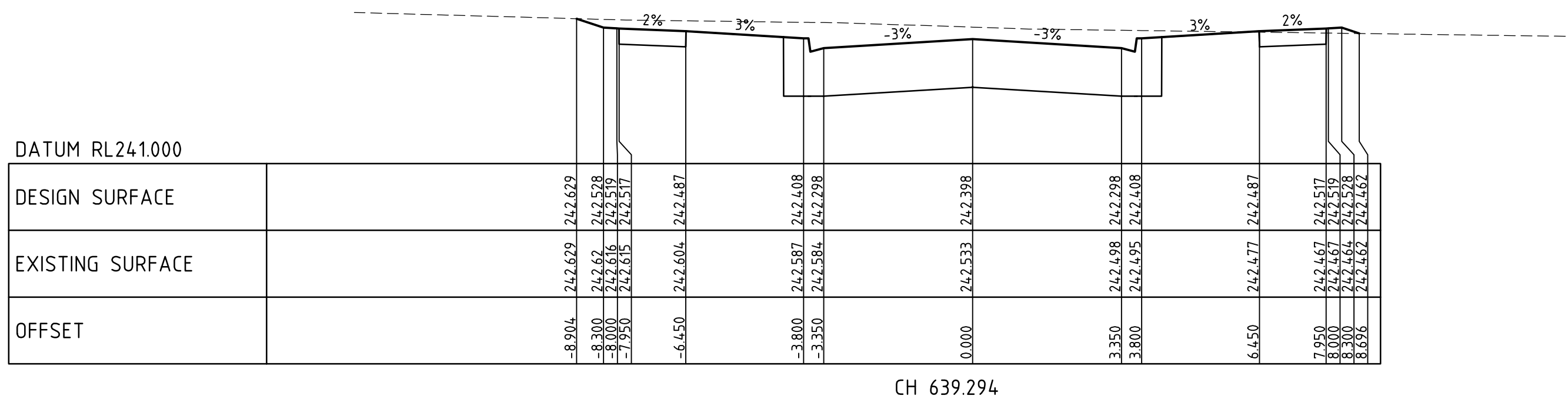
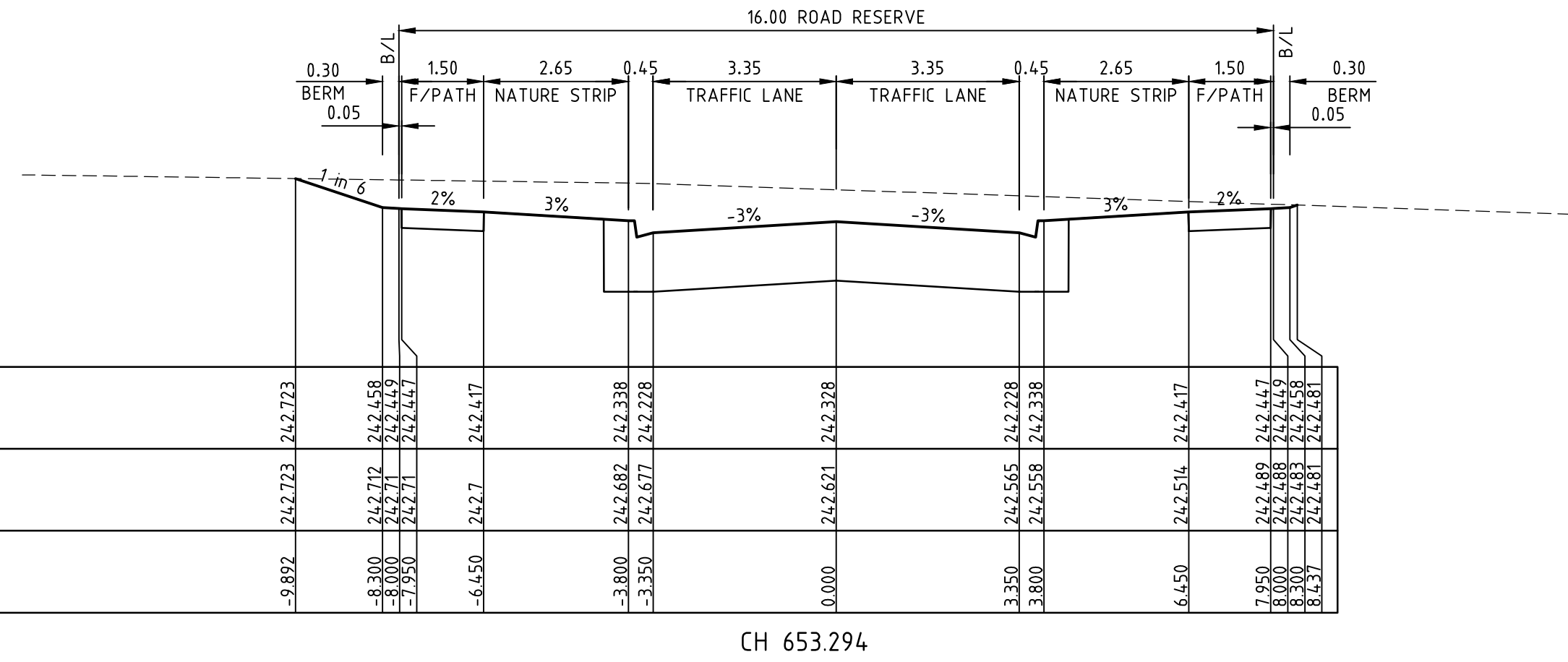
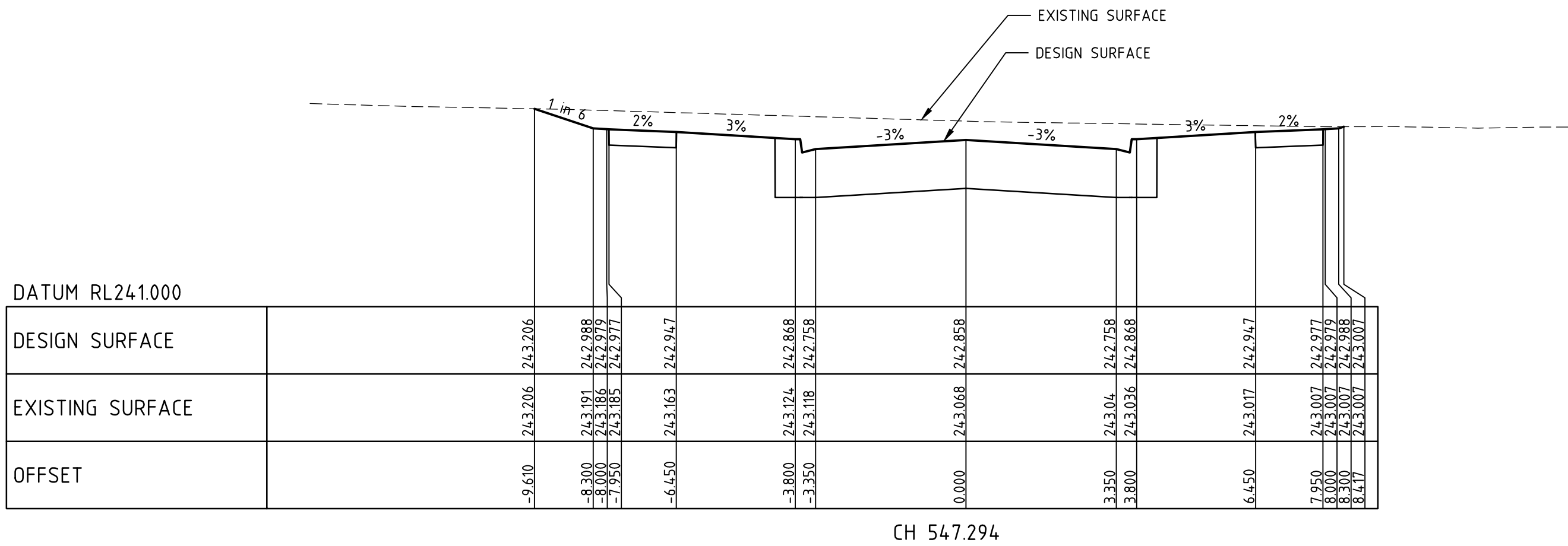
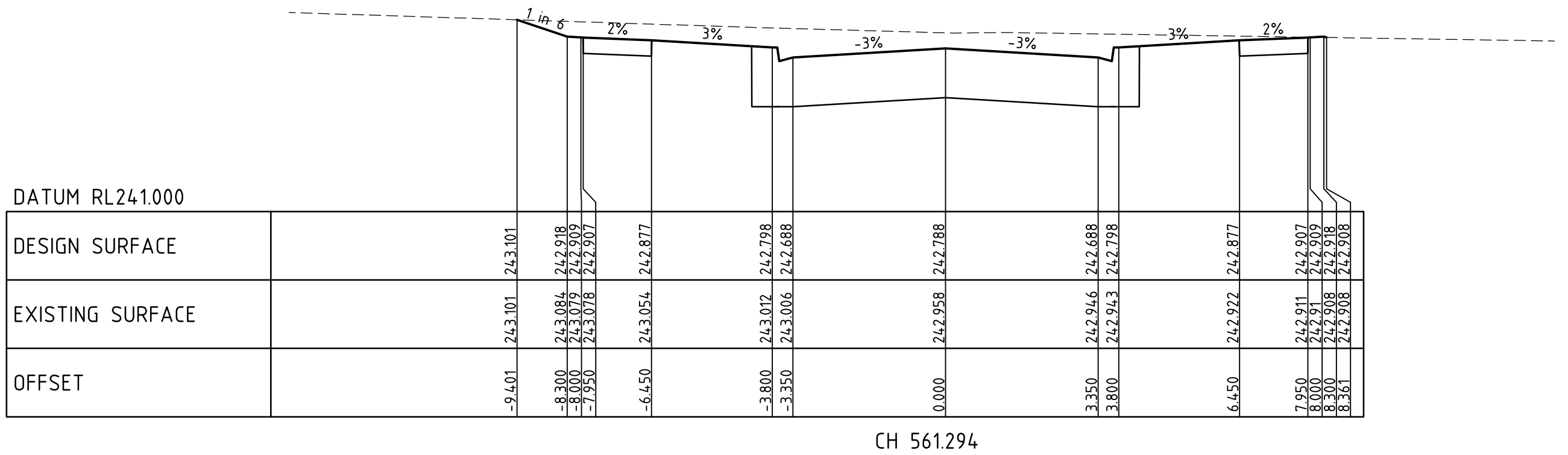
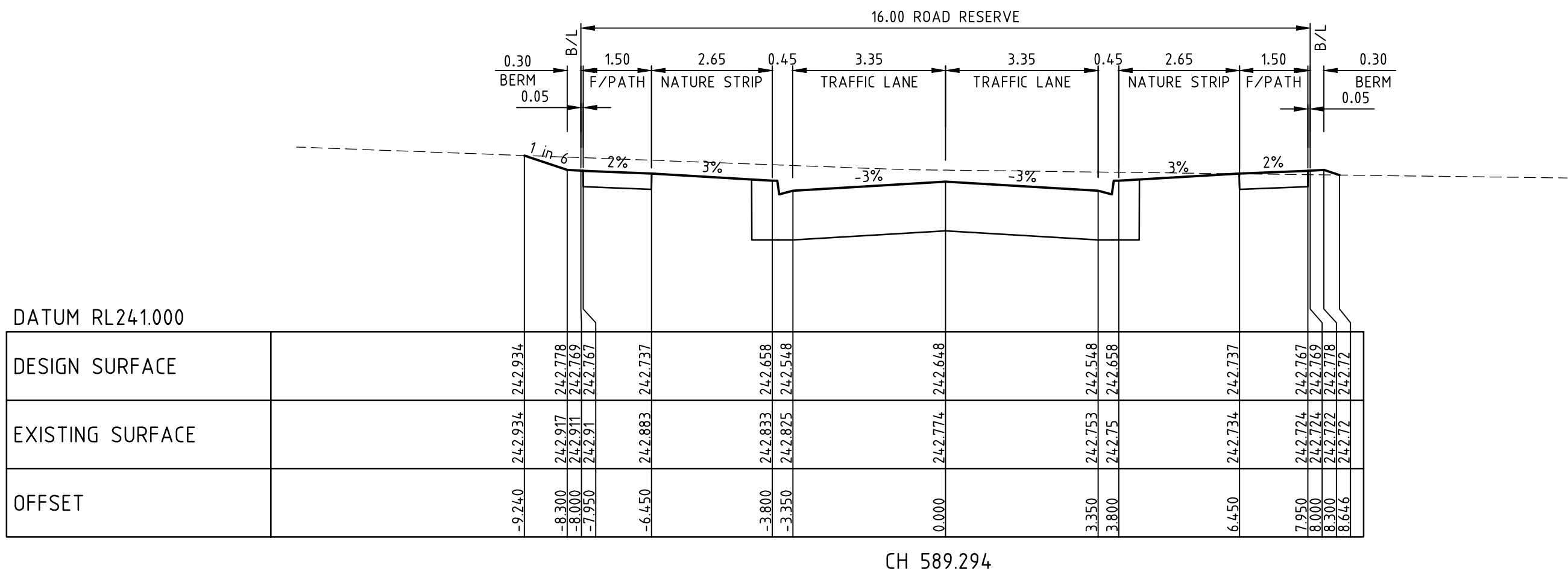
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Scale @ A1/A3 1:200/1:400

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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
CROSS SECTIONS
SHEET 3 OF 4
Drawing No. 11726XS03 Rev 1
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ALBION CRESCENT

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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
CROSS SECTIONS
SHEET 4 OF 4
Drawing No. 11726XS04 Rev 1
Sheet No. 17 AS CONSTRUCTED

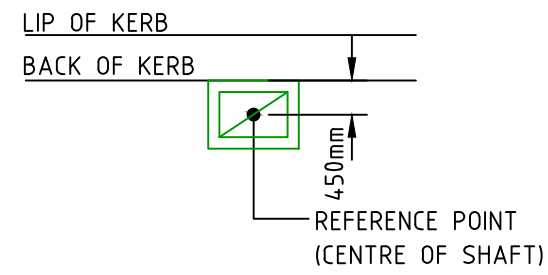
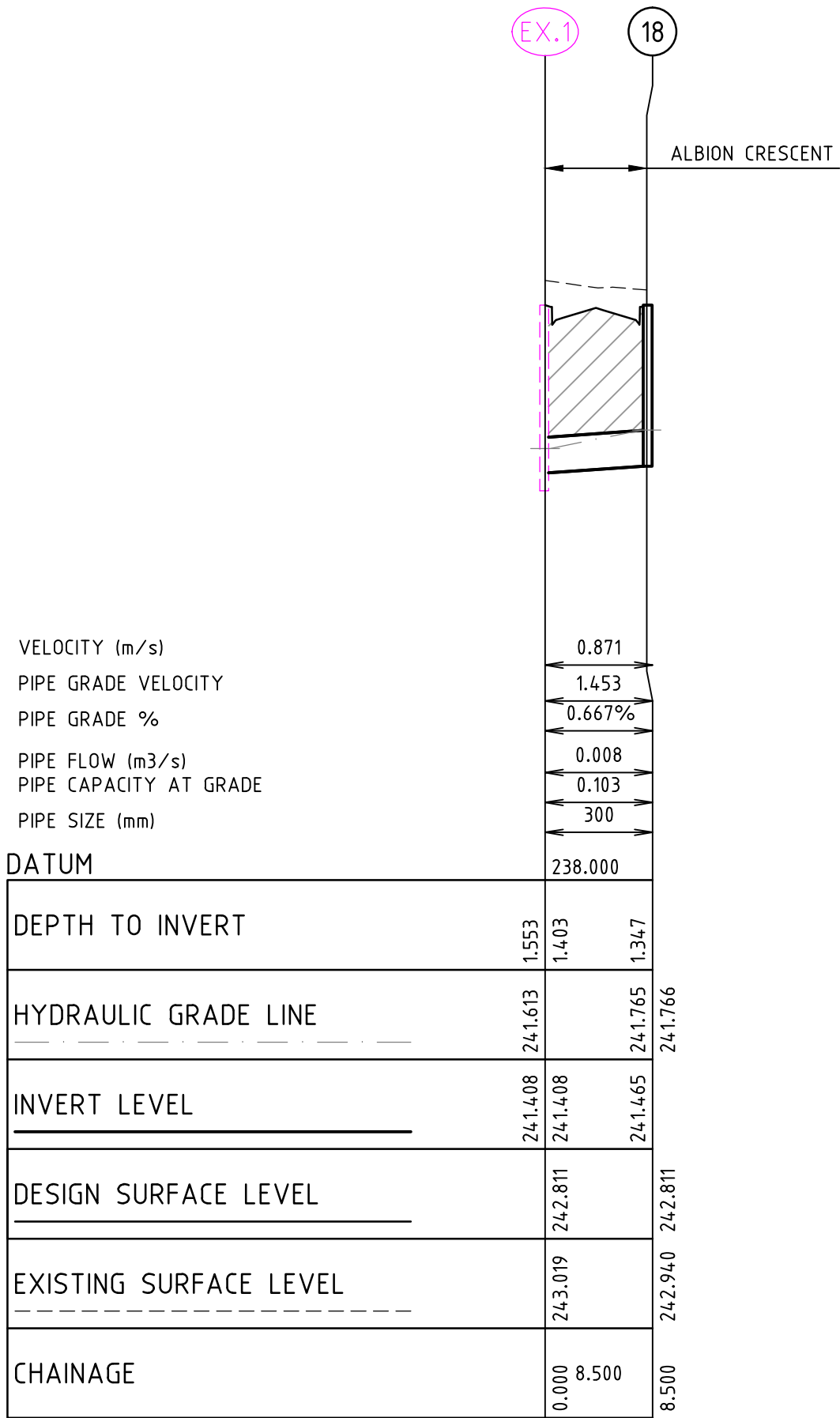
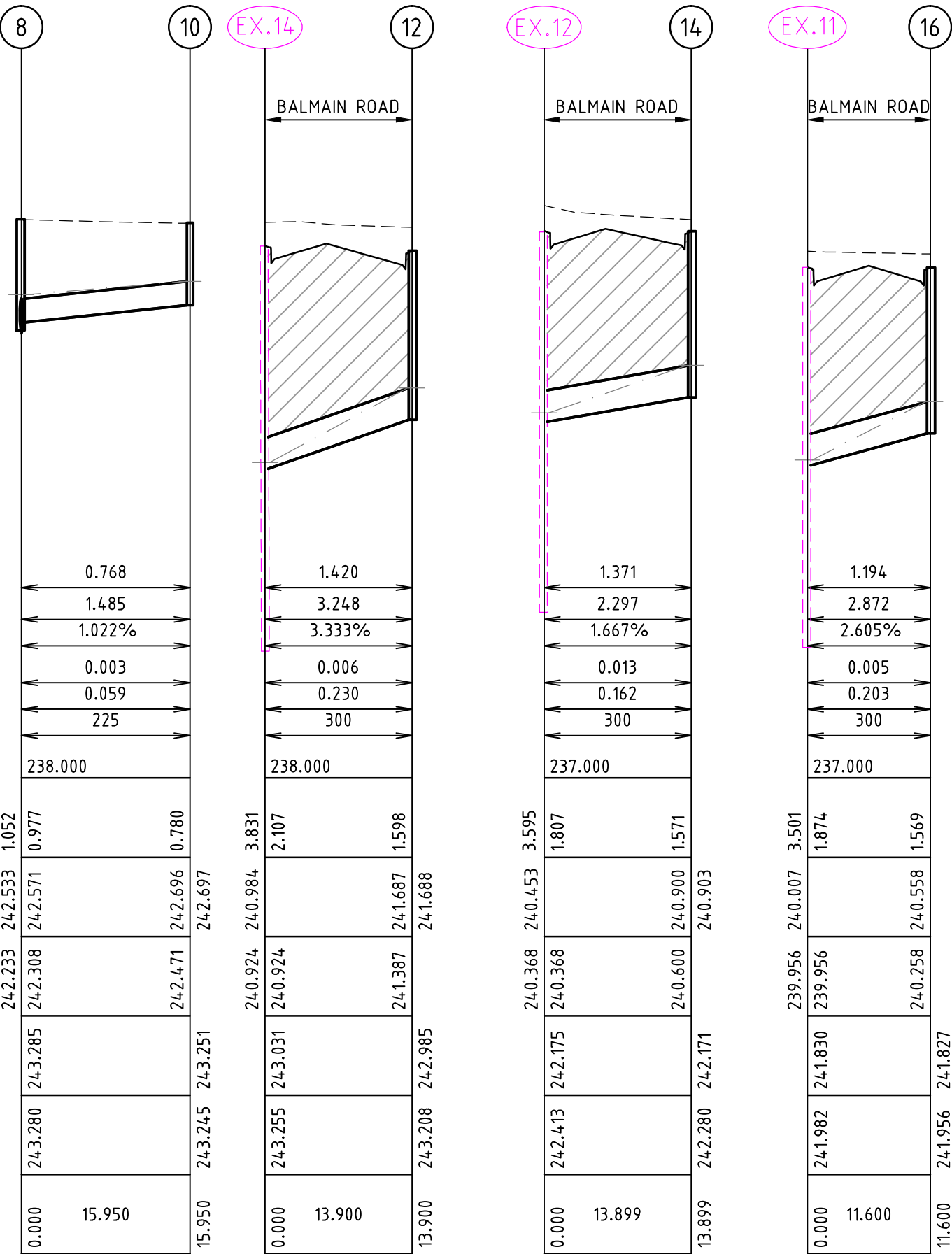
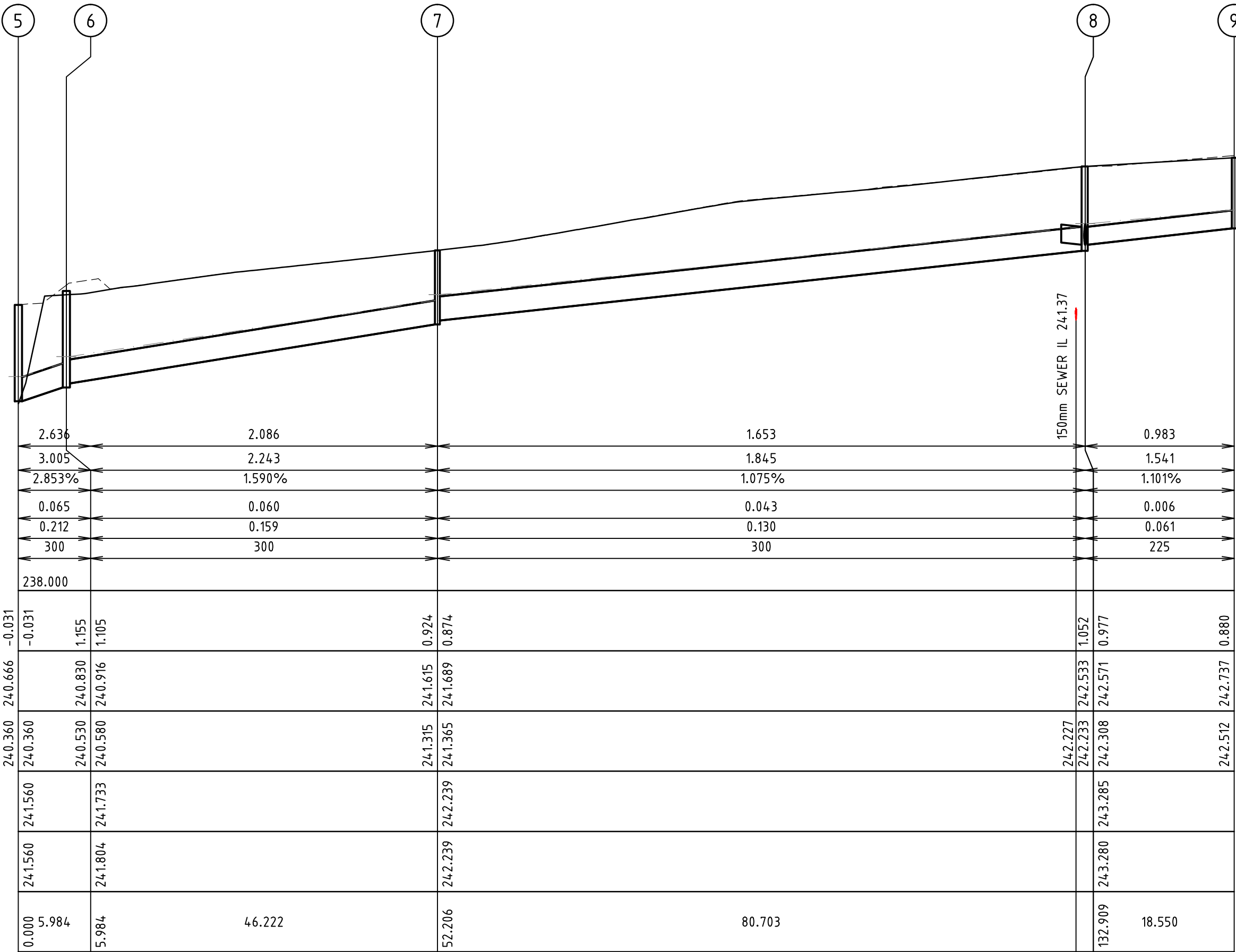
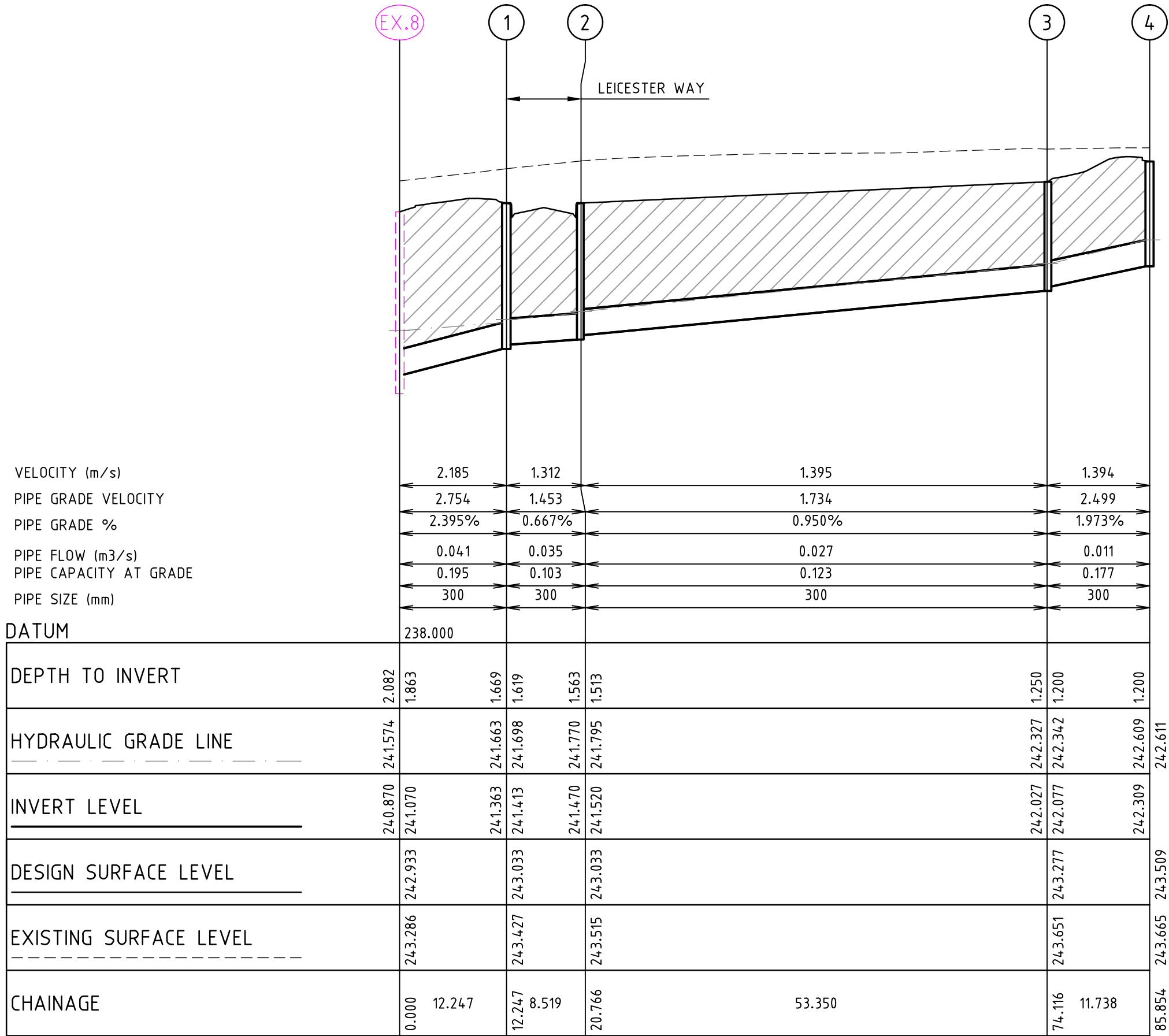
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Australia
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F 61 3 9888 6880
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REV	AMENDMENTS	DATE	APP'D.
1	AS CONSTRUCTED	02/07/15	TL
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Drawn DT Date 15/04/14
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AN 1031162
Verified BG Date 09/10/14
AN 161893
Audited SL Date 06/02/15
AN 1061681
Approved TL Date 13/02/15
AN 883556
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: C:\Users\pda01\1700\11726-MERRIFIELD - Precinct 1 - Stage 6\Acad\10\11726DR01.dwg - 11726DR01
Date/Time: Fri Jul 03, 2015 - 9:23am ---Byron.Shade---



PIT SETOUT POINT
SCALE 1:100

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

PIT NAME	TYPE	EASTING	NORTHING	INTERNAL WD	INLET DIA	INLET INV LEV	OUTLET DIA	OUTLET INV LEV	PIT SETOUT RL	DEPTH	REMARKS	
EX.6	JP	315224.496	5844006.433	600	900	300	241.070	450	240.870	242.933	1.863	CONNECT TO EXISTING PIT AND MAKE GOOD
						450	240.920					
						375	240.920					
1	GSEP	315214.540	5843999.301	600	900	300	241.413	300	241.363	243.033	1.669	REFER TO GAA STD DRG FIG.012
2	GSEP	315206.086	5844000.347	600	900	300	241.520	300	241.470	243.033	1.563	REFER TO GAA STD DRG FIG.012
3	GSEP	315199.543	5843947.400	600	900	300	242.077	300	242.027	243.277	1.250	REFER TO GAA STD DRG FIG.012
4	GSEP	315190.287	5843940.182	600	900			300	242.309	243.509	1.200	REFER TO GAA STD DRG FIG.012
5	EW	315361.687	5843955.264			300	240.360			241.56	1.200	CONSTRUCT CONCRETE ENDWALL TO SUIT 300mm DIA PIPE
6	JP	315355.747	5843955.986	600	900	300	240.580	300	240.530	241.733	1.203	REFER TO GAA STD DRG FIG.014
7	JP	315309.383	5843961.722	600	600	300	241.365	300	241.315	242.245	0.929	REFER TO GAA STD DRG FIG.014
8	JP	315229.782	5843971.57	600	900	225	242.308	300	242.233	243.285	1.052	REFER TO GAA STD DRG FIG.014
						225	242.308					
9	JP	315227.504	5843953.16	600	600			225	242.512	243.393	0.88	REFER TO GAA STD DRG FIG.014
10	JP	315231.74	5843987.399	600	600			225	242.471	243.251	0.78	REFER TO GAA STD DRG FIG.014
EX.14	GSEP	315245.62	5843921.647	600	900	300	240.924	1800	239.424	243.031	2.107	BREAK OUT EXISTING JP LID AND CONSTRUCT GSEP TO DESIGN SURFACE LEVEL
						1650	239.574					
						750	240.474					
12	GSEP	315247.327	5843935.442	600	900			300	241.387	242.985	1.598	REFER TO GAA STD DRG FIG.012
EX.12	GSEP	315321.045	5843912.316	600	900	300	240.368	1800	238.818	242.163	1.795	BREAK OUT EXISTING JP LID AND CONSTRUCT GSEP TO DESIGN SURFACE LEVEL
						1800	238.868					
						525	240.068					
14	GSEP	315322.742	5843926.111	600	900			300	240.600	242.171	1.571	REFER TO GAA STD DRG FIG.012
EX.11	GSEP	315349.512	5843908.794	600	900	300	239.956	1800	238.481	241.83	1.874	BREAK OUT EXISTING JP LID AND CONSTRUCT GSEP TO DESIGN SURFACE LEVEL
						300	240.031					
						1800	238.531					
16	GSEP	315350.936	5843920.306	600	900			300	240.258	241.827	1.569	REFER TO GAA STD DRG FIG.012
EX.1	GSEP	315289.976	5843798.014	600	900	300	241.408	375	241.151	242.811	1.403	REFER TO GAA STD DRG FIG.012
						375	241.201					
18	GSEP	315298.411	5843796.970	600	900			300	241.465	242.811	1.347	REFER TO GAA STD DRG FIG.012

KEY:
GSEP = GRATED SIDE ENTRY PIT
JP = JUNCTION PIT
EW = ENDWALL

--- DENOTES CLASS 2 CRUSHED ROCK BACKFILL

AS CONSTRUCTED

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

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MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
DRAINAGE LONGITUDINAL SECTIONS

Drawing No. 11726DR01 Rev 1
Sheet No. 18 AS CONSTRUCTED

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DCE
dalton consulting engineers

255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com

Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
E info@dceprofile.com

1	AS CONSTRUCTED	02/07/15	TL
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REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
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AN 1031118
Verified BG Date 09/10/14
AN 161894
Audited SL Date 06/02/15
AN 1061882
Approved TL Date 13/02/15
AN 883557
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
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Drawing File: C:\Users\jdo\Documents\11726-MERRIFIELD - Precinct 1 - Stage 6\Acad\VD\11726POS01.dwg - 11726POS01
Date/Time: Fri Jul 03, 2015 - 9:23am --Byron.Shade--

PLAN OF SUBDIVISION		LV use only EDITION	Plan Number PS 724935E
Location of Land Parish: MICKLEHAM Township: - Section: - Crown Allotment: - Crown Portion: 24 (PART) Title Reference: VOL FOL Last Plan Reference: LOT G PS724938X Postal Address: DONNYBROOK ROAD (at time of subdivision) MICKLEHAM 3064 MGA 94 Co-ordinates E 314920 Zone: 55 (of approx. centre of land in plan) N 5844060		Council Name: HUME CITY COUNCIL Council Ref:	
Vesting of Roads and/or Reserves		Notations	
Identifier	Council/Body/Person	Staging This is /is not a staged subdivision Planning Permit No. P16701	
ROAD R1 RESERVE No.1	HUME CITY COUNCIL JEMENA ELECTRICITY NETWORKS (VIC) LTD	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 H) - 2-720ha LOTS 1 TO 600 (BOTH INCLUSIVE) AND LOTS A TO G (BOTH INCLUSIVE) HAVE BEEN OMITTED FROM THIS PLAN EASEMENTS E-2, E-7, E-8, E-9, E-10 AND E-18 HAVE BEEN OMITTED FROM THIS PLAN TANGENT POINTS ARE SHOWN THUS:	
<u>OTHER PURPOSE OF PLAN</u> TO REMOVE THAT PART OF DRAINAGE AND SEWERAGE EASEMENT E-3 ON PS724938X NOW CONTAINED IN ALBION CRESCENT AND BALMAIN ROAD ON THIS PLAN. TO REMOVE THAT PART OF DRAINAGE EASEMENT E-4 ON PS724938X NOW CONTAINED IN BALMAIN ROAD ON THIS PLAN. TO REMOVE THAT PART OF DRAINAGE AND SEWERAGE EASEMENT E-5 ON PS724938X NOW CONTAINED IN BALMAIN ROAD AND ALBION CRESCENT ON THIS PLAN. TO REMOVE THE WHOLE OF DRAINAGE EASEMENT E-10 ON PS724938X (NOW CONTAINED IN ALBION CRESCENT, LOTS 601, 602, 603 AND 604 ON THIS PLAN). TO REMOVE THAT PART OF DRAINAGE AND SEWERAGE EASEMENT E-17 ON PS724938X NOW CONTAINED IN HIGHFIELD DRIVE AND BALMAIN ROAD ON THIS PLAN. TO REMOVE THE WHOLE OF DRAINAGE AND SEWERAGE EASEMENT E-18 ON PS724938X (NOW CONTAINED IN BALMAIN ROAD ON THIS PLAN). <u>GROUND'S FOR REMOVAL OF EASEMENTS</u> AGREEMENT BY ALL INTERESTED PARTIES.			
Easement Information Land Benefited/In Favour Of			
Legend: E - Encumbering Easement, Condition in Crown Grant in the Nature of an Easement or Other Encumbrance A - Appurtenant Easement R - Encumbering Easement (Road)			
Subject Land	Purpose	Width (metres)	Origin
E-1 E-1	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS711404L PS711404L
E-3 E-3	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS714641E PS714641E
E-4	DRAINAGE	SEE DIAG	PS711404L
E-5 E-5	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS714645V PS714645V
E-6 E-6 E-6	TRANSMISSION OF ELECTRICITY DRAINAGE SEWERAGE	SEE DIAG SEE DIAG SEE DIAG	C/E AL349952C PS711404L PS711404L
E-11	TRANSMISSION OF ELECTRICITY	SEE DIAG	C/E AL349952C
E-12 E-12	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS724936C PS724936C
SEE SHEET 2 FOR CONTINUATION			
MERRIFIELD - 6 43 LOTS AND BALANCE LOT H		LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER	Sheet 1 of 9 sheets
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		SIGNATURE ..DIGITALLY SIGNED..... DATE / / REF 29005063 27/01/15 VERSION J DWG 2900506AJ	Original sheet size A3

PLAN OF SUBDIVISION		Plan Number PS 724935E		
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-13 E-13	TRANSMISSION OF ELECTRICITY DRAINAGE	SEE DIAG SEE DIAG	C/E AL349952C PS711404L	JEMENA ELECTRICITY NETWORKS (VIC) LTD HUME CITY COUNCIL
E-14	DRAINAGE	SEE DIAG	PS724936C	HUME CITY COUNCIL
E-15	POWERLINE	SEE DIAG	PS724936C - SEC 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-15 E-15	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS724936C PS724936C	HUME CITY COUNCIL YARRA VALLEY WATER CORPORATION
E-16	POWERLINE	SEE DIAG	PS724936C - SEC 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-17 E-17	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS724938X PS724938X	HUME CITY COUNCIL YARRA VALLEY WATER CORPORATION
E-19 E-19	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	THIS PLAN THIS PLAN	HUME CITY COUNCIL YARRA VALLEY WATER CORPORATION
MERRIFIELD - 6				
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			LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER	Sheet 2
SIGNATURE ..DIGITALLY SIGNED..... DATE / / REF 29005063 27/01/15 VERSION J DWG 2900506AJ			Original sheet size A3	

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REV	AMENDMENTS	DATE	APP'D.

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AN 1031119
Verified BG Date 09/10/14
AN 161895
Audited SL Date 06/02/15
AN 1061683
Approved TL Date 13/02/15
AN 883558
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

AS CONSTRUCTED



Coords: MGA
Levels: AHD



Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
PLAN OF SUBDIVISION
SHEET 1 OF 3
Drawing No. 11726POS01 Rev 1
Sheet No. 19 **AS CONSTRUCTED**
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255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 8888
F 61 3 9888 8880
W www.dceprofile.com
58 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com

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Drawn DT Date 15/04/14
Designed DT Date 10/09/14
AN 1031163
Verified BG Date 09/10/14
AN 161896
Audited SL Date 06/02/15
AN 1061684
Approved TL Date 13/02/15
AN 883559
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
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Coords: MGA
Levels: AHD

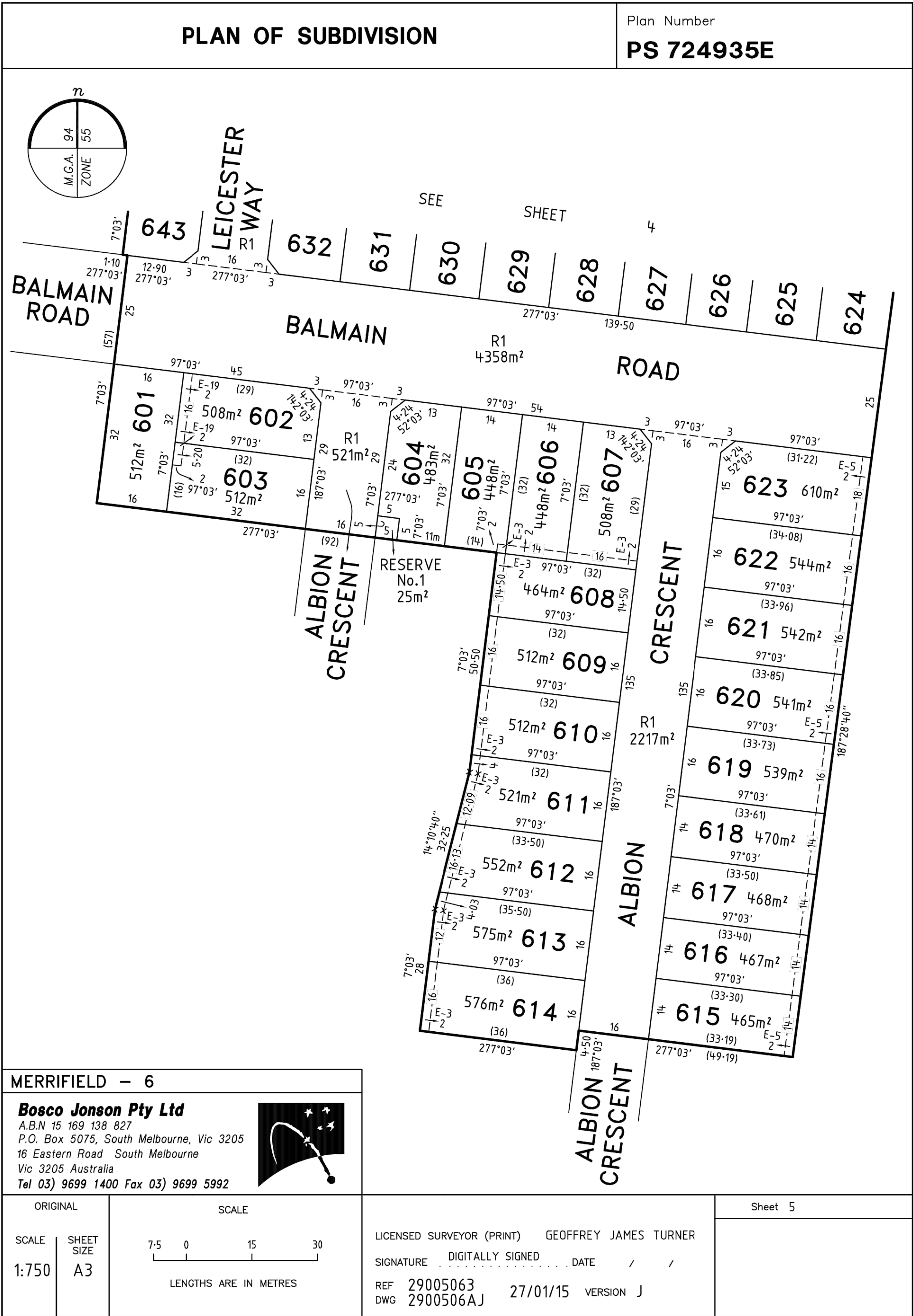
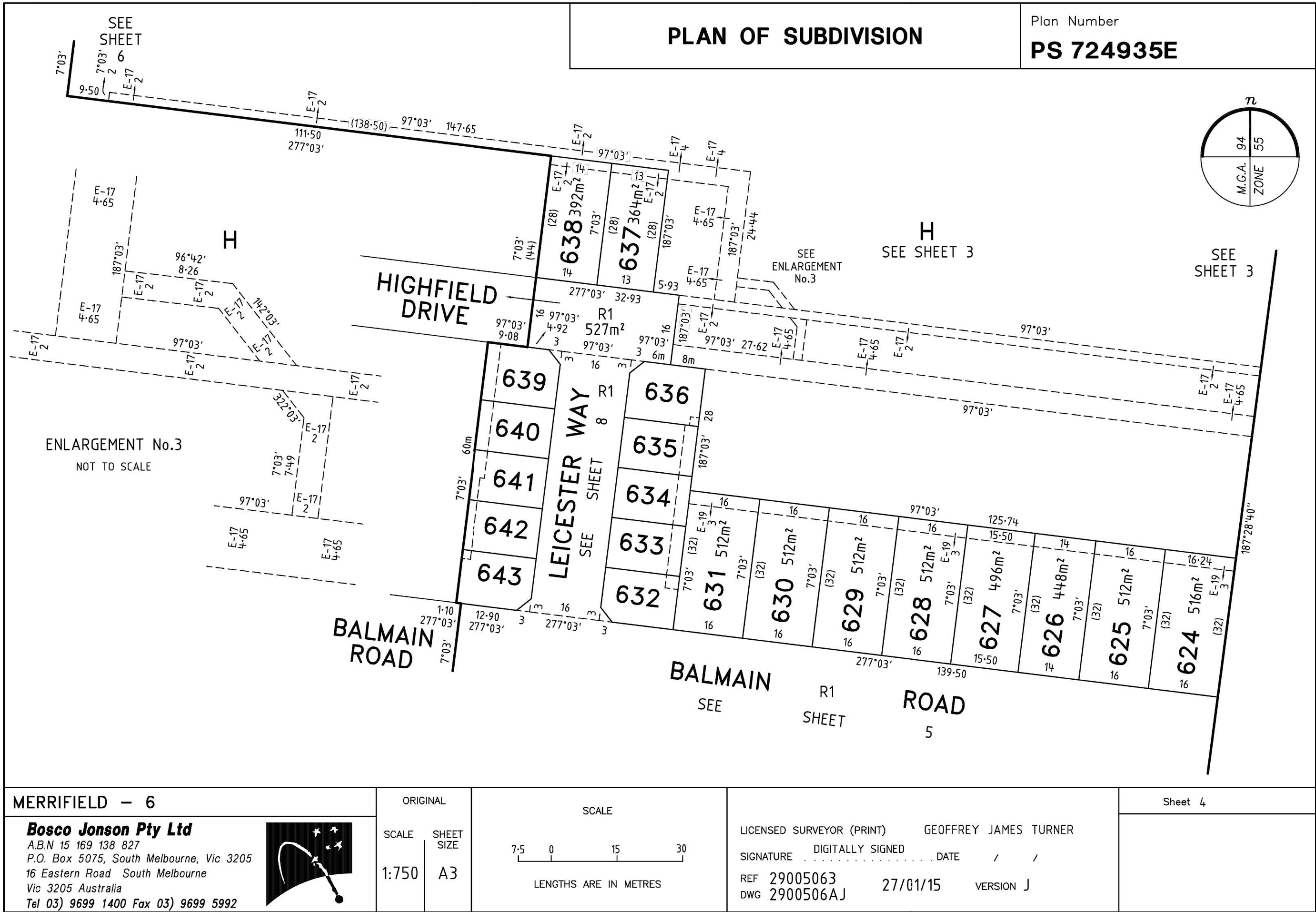
Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
PLAN OF SUBDIVISION
SHEET 2 OF 3
Drawing No. 11726POS02 Rev 1
Sheet No. 20 AS CONSTRUCTED

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255 Whitehorse Road
PO Box 348
Balwyn Victoria 3103
Australia
T 61 3 9888 8888
F 61 3 9888 8880
W www.dceprofile.com

DCE
dalton consulting engineers
56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com



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REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
Designed DT
Date 10/09/14
AN 1031203
Verified BG
Date 09/10/14
AN 162037
Audited SL
Date 06/02/15
AN 1061685
Approved TL
Date 13/02/15
AN 883560
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Coords: MGA
Levels: AHD

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
PLAN OF SUBDIVISION
SHEET 3 OF 3
Drawing No. 11726POS03 Rev 1
Sheet No. 21 **AS CONSTRUCTED**
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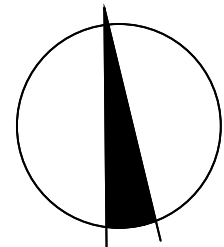
**DCE**
dalton consulting engineers
255 Whitehorse Road
PO Box 348
Balwyn Victoria 3103
Australia
T 61 3 9888 8888
F 61 3 9888 8880
W www.dceprofile.com
56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com

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1	AS CONSTRUCTED	02/07/15	TL
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REV	AMENDMENTS	DATE	APP'D.

Drawn DT Date 15/04/14
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AN 1031164
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AN 161897
Audited SL Date 06/02/15
AN 1061686
Approved TL Date 13/02/15
AN 883561
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
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Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m

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

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
FILL PLAN

Drawing No. 11726FP01 Rev 1
Sheet No. 22 AS CONSTRUCTED

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 **DCE**
dalton consulting engineers

255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6888
F 61 3 9888 6880
W www.dceprofile.com

Suite 17
46 Douglas Street
PO Box 1178
Milton QLD 4084
Australia
T 61 7 3367 1732
E info@dceprofile.com

FILL PLAN NOTES

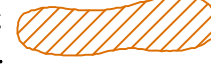
THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE NATURAL SURFACE OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT PRIOR TO REGISTRATION OF THE PLAN OF SUBDIVISION, BEING FILL PLACED ON THE LAND TO THE EXTENT AND DEPTH SHOWN ON THIS PLAN.

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'.

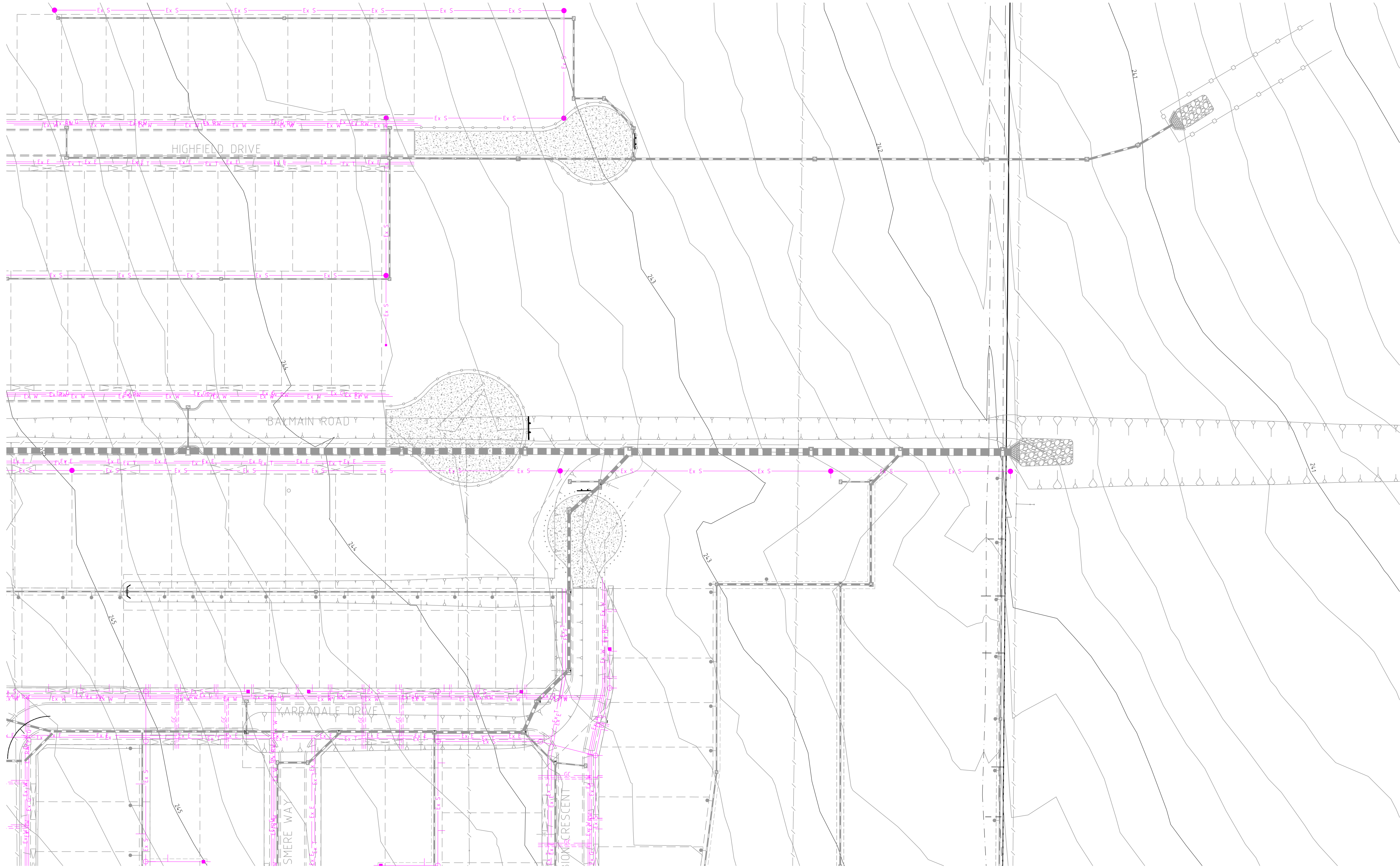
FILLING SHOWN LESS THAN 200mm DEEP IS GRADED OR SPREAD OVER ALLOTMENTS TO CORRECT MINOR SURFACE IRREGULARITIES SUCH AS FURROWS ETC AND LOT GRADING.

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.

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Date/Time: Fri Jul 03, 2015 - 9:24am --Byron Ashdale--

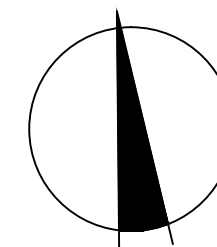


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Drawn DT Date 15/04/14
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AN 161898
Audited SL Date 06/02/15
AN 1061687
Approved TL Date 13/02/15
AN 883562
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions 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
 - PREVIOUS STAGE SW DRAIN & PIT

AS CONSTRUCTED



Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:1000/1:2000

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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 6
EXISTING FEATURES PLAN

Drawing No. 11726EF01 Rev 1
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 **DCE**
dalton consulting engineers
255 Whitehorse Road
PO Box 349
Balwyn Victoria 3103
Australia
T 61 3 9888 6866
F 61 3 9888 6880
W www.dceprofile.com
56 Peel Street
South Brisbane QLD 4101
Australia
T 61 7 3217 2177
F 61 7 3844 7588
E info@dceprofile.com