

BALLYMANUS

RESIDENTIAL DEVELOPMENT

ALFREDTON

STAGE K

CONTROLLED COPY No. _____

ROAD & DRAINAGE PLANS

This set of drawings has been compiled in accordance with the requirements of the client as specified in the Task Brief and any Variation Orders, using a Quality System conforming to AS/NZS ISO 9001:2008

Signed: _____ Quality Assurance Representative

WEXFORD STREET DESIGN LINE		
CHAINAGE	EASTING	NORTHING
2270.000	747124.517	5839171.789
2280.000	747134.365	5839170.049
2290.000	747144.212	5839168.309
2300.000	747154.060	5839166.570
2310.000	747163.907	5839164.830
2314.959	747168.791	5839163.968
2320.000	747173.755	5839163.091
2330.000	747183.602	5839161.351
2340.000	747193.450	5839159.612
2350.000	747203.297	5839157.872
2355.000	747208.222	5839157.002

LONGFORD ROAD DESIGN LINE		
CHAINAGE	EASTING	NORTHING
6000.000	747168.791	5839163.968
6010.000	747167.051	5839154.120
6020.000	747165.312	5839144.273
6030.000	747163.572	5839134.425
6040.000	747161.833	5839124.577
6050.000	747160.093	5839114.730
6060.000	747158.354	5839104.882
6070.000	747156.614	5839095.035
6080.000	747154.874	5839085.187
6090.000	747153.135	5839075.340
6100.000	747151.395	5839065.492
6110.000	747149.656	5839055.645
6120.000	747147.916	5839045.797
6130.000	747146.177	5839035.950
6140.000	747144.437	5839026.102
6150.000	747142.697	5839016.255
6160.000	747140.958	5839006.407
6170.000	747139.218	5838996.560
6180.000	747137.479	5838986.712
6190.000	747135.739	5838976.864
6200.000	747134.000	5838967.017
6210.000	747132.260	5838957.169
6220.000	747130.521	5838947.322
6230.000	747128.781	5838937.474
6240.000	747127.041	5838927.627
6240.600	747126.937	5838927.036
6250.000	747125.302	5838917.779

KILKENNY DRIVE DESIGN LINE		
CHAINAGE	EASTING	NORTHING
1225.000	747161.403	5838920.947
1230.000	747156.480	5838921.817
1240.000	747146.632	5838923.557
1250.000	747136.785	5838925.296
1260.000	747126.937	5838927.036
1270.000	747117.090	5838928.776
1280.000	747107.242	5838930.515
1290.000	747097.394	5838932.255
1300.000	747087.547	5838933.994

SURVEY MARK DETAILS			
STATION	EASTING	NORTHING	RL
PM 109	746808.500	5839372.240	443.214
RIVET 1	747092.756	5839268.179	445.686
RIVET 2	747310.563	5839234.104	447.070
SPIKE 1	747118.453	5839167.589	443.614
SPIKE 2	746760.347	5839286.906	442.960
SPIKE 3	746660.019	5838890.916	439.876

General Notes
1. FOR INTERSECTION SETOUT DETAILS REFER TO
BMK-CD-003

SAFETY FIRST
SAFETY STARTS WITH YOU



1728 Sturt St, Alfredton
Post Office Box 4226
Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
GEOMETRIC PLAN

Status
APPROVED
ISSUED FOR CONSTRUCTION

Designer
T. Oldaker
Scale (A1) 1:500
HOR 0 5 10 15 20 25
VER

Checker
D. Georgalas
Scale (A3) 1:1000

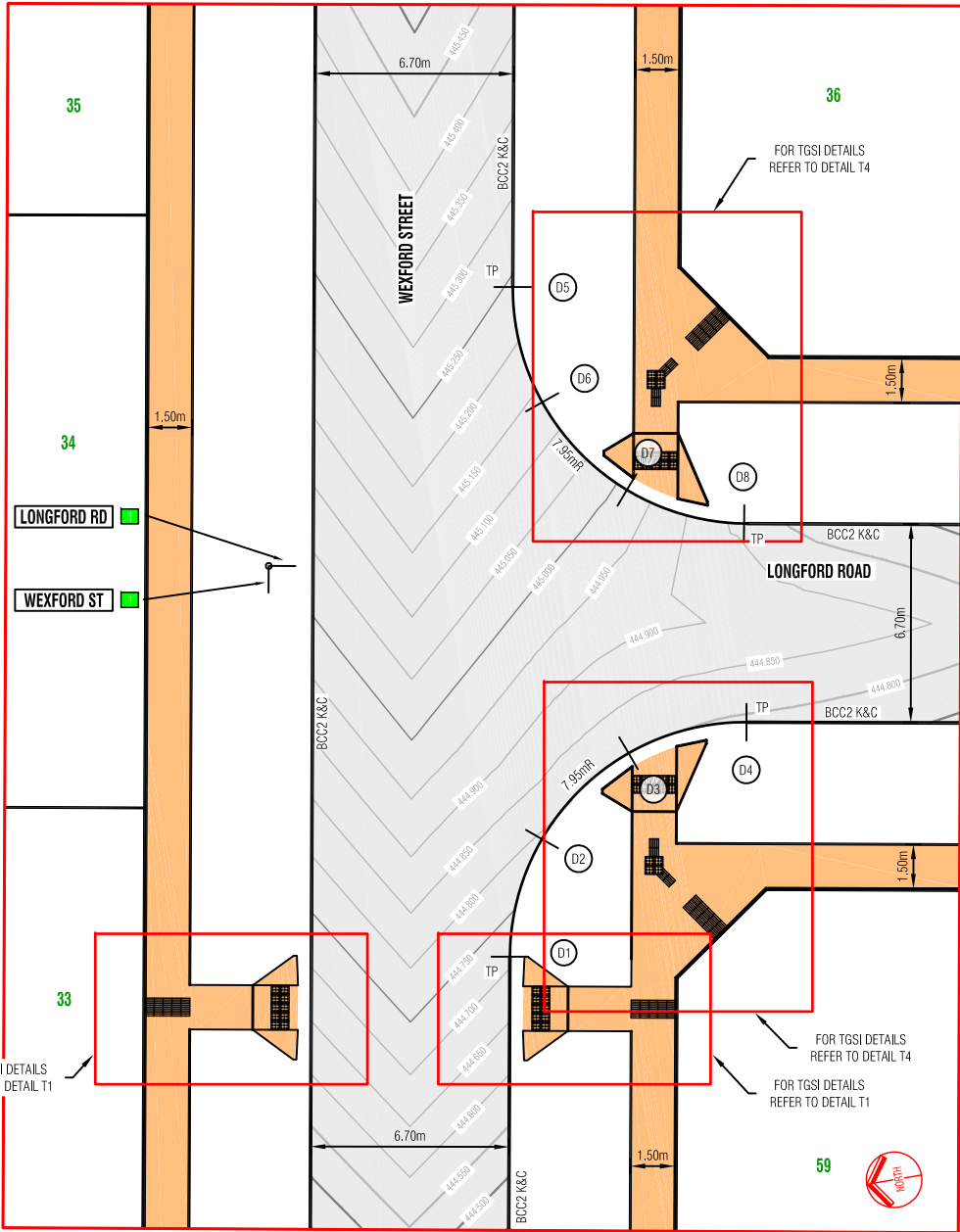
Verified

Sheet Number
2 of 13

Drawing Number
BMK-CD-002

Revision
B

DETAIL D



SETOUT COORDINATES			
POINT	EASTING	NORTHING	RL
D1	747157.081	5839162.634	444.711
D2	747160.810	5839160.894	444.792
D3	747163.169	5839157.522	444.808
D4	747163.526	5839153.423	444.792
D5	747179.337	5839158.703	445.241
D6	747175.338	5839158.382	445.137
D7	747171.935	5839156.068	444.984
D8	747170.144	5839152.363	444.833

NOTE: SETOUT POINTS ARE TO LIP OF KERB

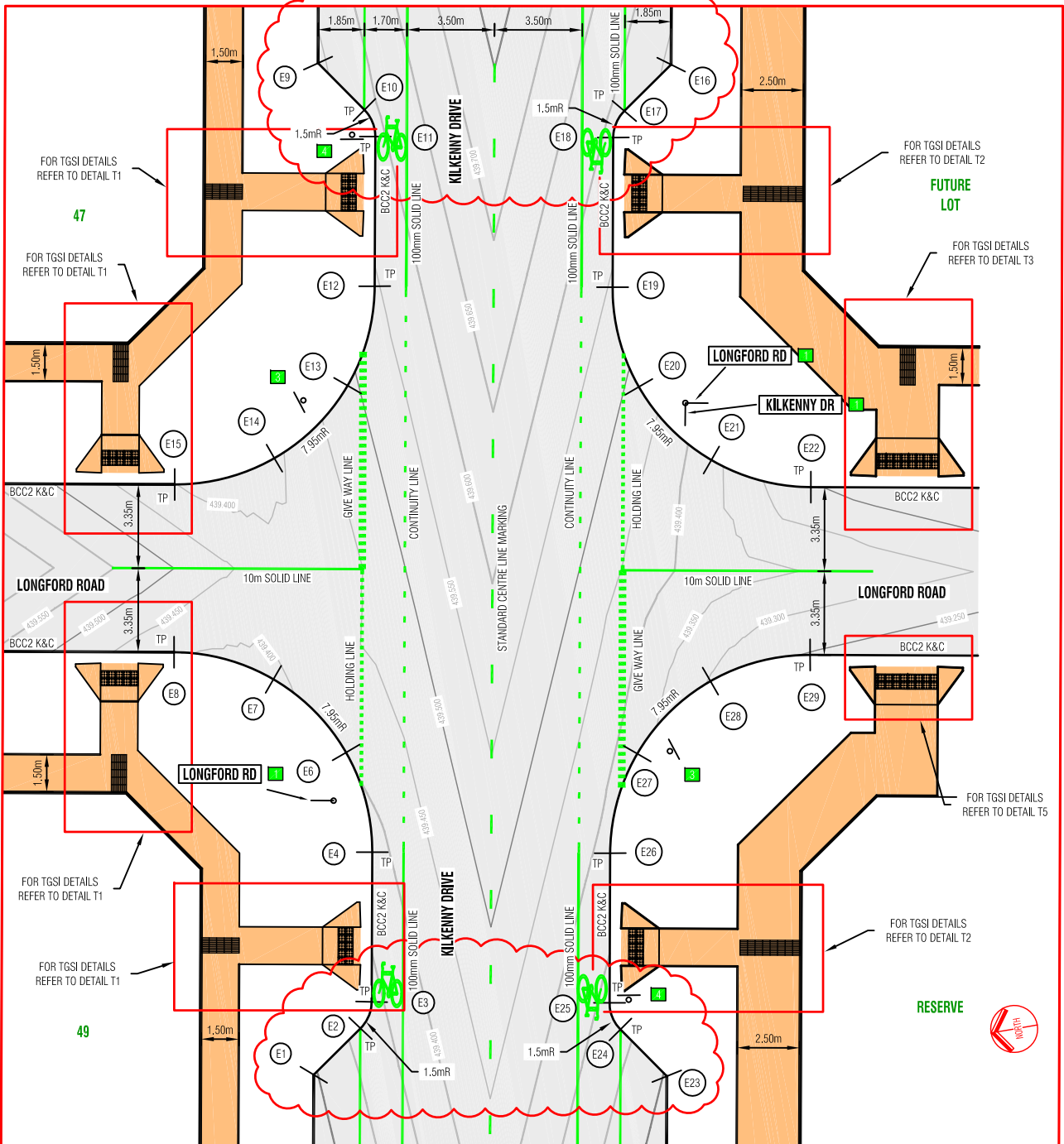
PAVEMENT LEGEND

	ASPHALT
	FOOTPATH
	TOOLING
	LINEMARKING

SIGN LEGEND

NUMBER	SIGN
1	ROAD NAME
3	GIVE WAY R1-2A
4	LANE R7-1-4

DETAIL E



SETOUT COORDINATES			
POINT	EASTING	NORTHING	RL
E1	747108.273	5838937.492	439.245
E2	747109.781	5838935.336	439.318
E3	747110.749	5838934.719	439.336
E4	747116.636	5838933.679	439.379
E6	747120.735	5838934.037	439.403
E7	747124.107	5838936.396	439.397
E8	747125.847	5838940.125	439.408
E9	747148.054	5838930.465	439.540
E10	747145.898	5838928.956	439.584
E11	747144.777	5838928.708	439.588
E12	747138.891	5838929.748	439.544
E13	747135.162	5838931.488	439.488
E14	747132.803	5838934.860	439.392
E15	747132.445	5838938.960	439.402
E16	747145.601	5838916.580	439.540

NOTE: SETOUT POINTS ARE TO LIP OF KERB

SETOUT COORDINATES			
POINT	EASTING	NORTHING	RL
E17	747144.093	5838918.736	439.584
E18	747143.124	5838919.353	439.587
E19	747137.238	5838920.393	439.544
E20	747133.139	5838920.035	439.483
E21	747129.767	5838917.676	439.366
E22	747128.027	5838913.947	439.258
E23	747105.820	5838923.607	439.245
E24	747107.976	5838925.116	439.318
E25	747109.097	5838925.364	439.335
E26	747114.983	5838924.324	439.380
E27	747118.712	5838922.584	439.371
E28	747121.071	5838919.212	439.296
E29	747121.429	5838915.112	439.246

NOTE: SETOUT POINTS ARE TO LIP OF KERB



- General Notes
1. LANE WIDTHS AND KERB RADII ARE TO LIP OF KERB
 2. ALL SIGNAGE AND LINEMARKING TO COMPLY WITH AS 1742.2
 3. FOR TACTILE DETAILS T6 AND T7 REFER TO BMA-CD-004

SAFETY FIRST
SAFETY STARTS WITH YOU

Rev	Amendment	Initials	Date
D			
C			
B	KERB NIDS CHANGED		15/12/16
A	ISSUED FOR CONSTRUCTION	TO	27/07/16



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Post Office Box 4226
Alfreton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFRETON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
INTERSECTION PLAN

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker

Checker
D. Georgalas

Scale (A1)
Scale (A3) 1:250

HOR 0 2.5 5 6.25
VER

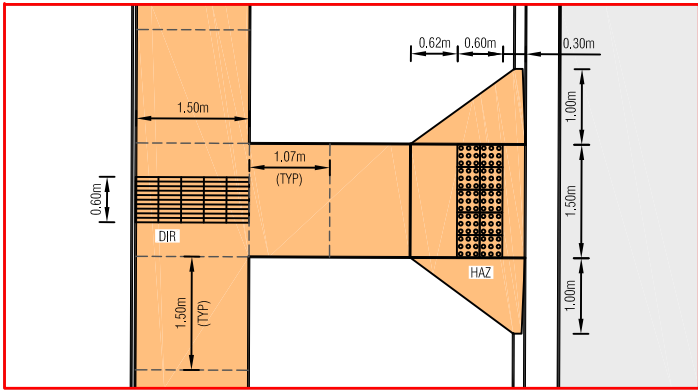
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3 of 13

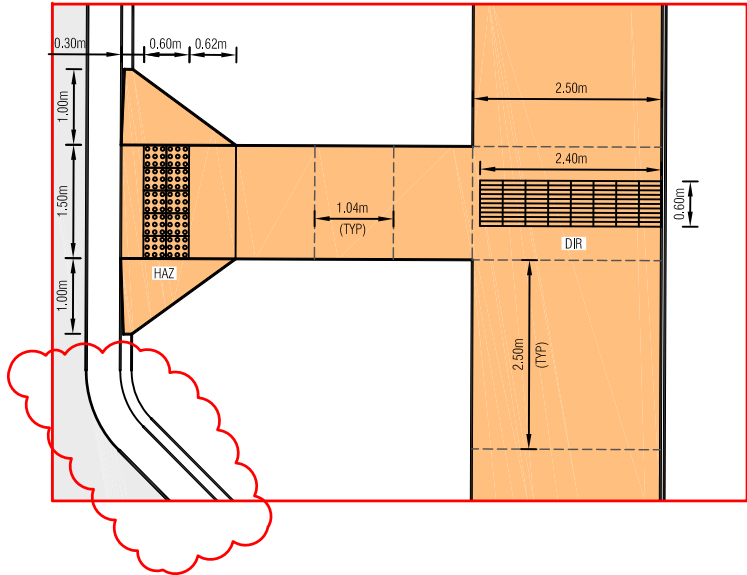
Drawing Number
BMK-CD-003

Revision
B

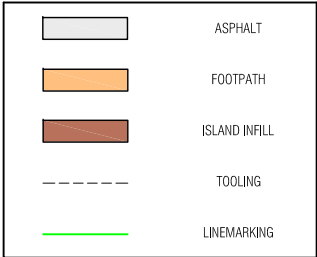
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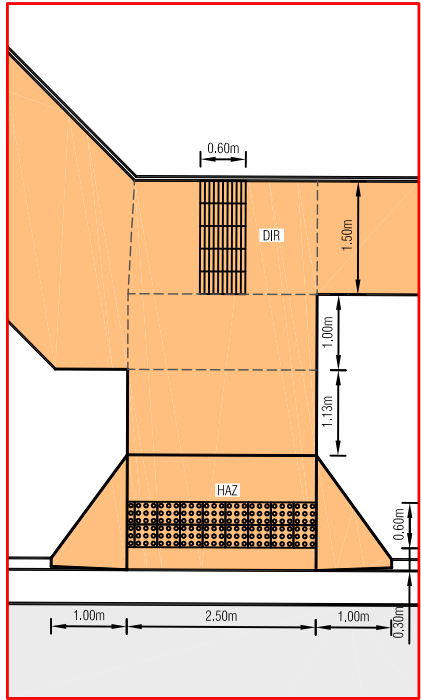
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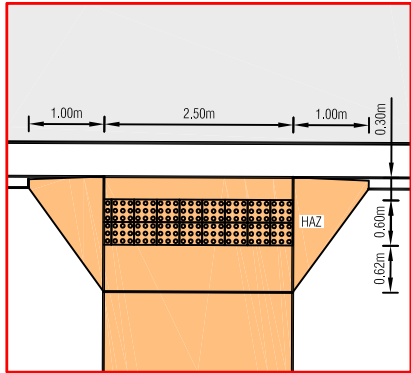
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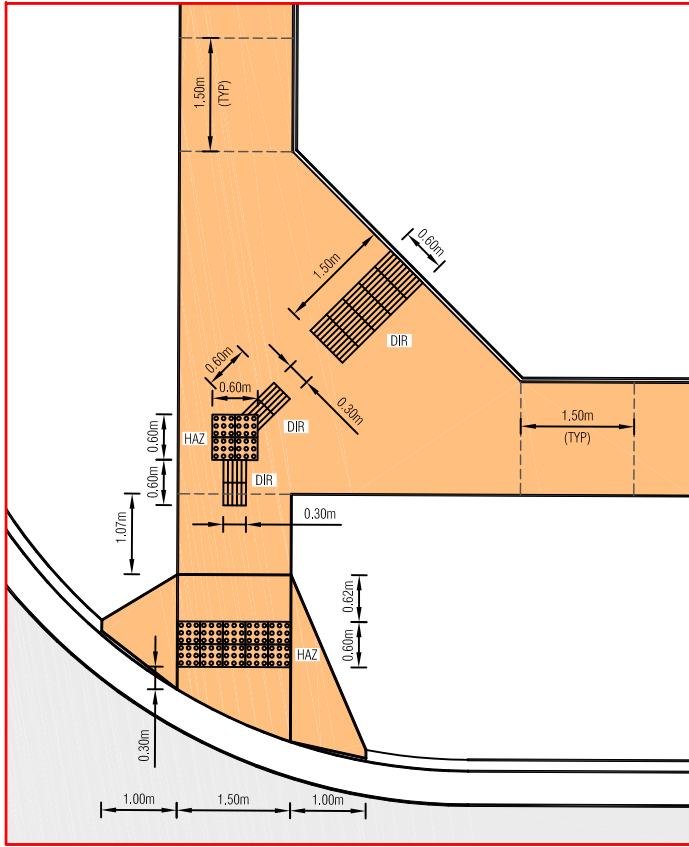
DETAIL T3



DETAIL T5



DETAIL T4



- General Notes
1. LANE WIDTHS AND KERB RADII ARE TO LIP OF KERB
 2. ALL SIGNAGE AND LINEMARKING TO COMPLY WITH AS 1742.2
 3. FOR TACTILE DETAILS T6 AND T7 REFER TO BMA-CD-004

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Post Office Box 4226
Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
INTERSECTION PLAN

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker
Scale (A1)
HOR
VER

Checker
D. Georgalas
Scale (A3)
NOT TO SCALE

Verified

Sheet Number
4 of 13



Drawing Number
BMK-CD-004

Revision
B

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Alfredton Victoria 3350
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Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
DRAINAGE PROFILES

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker

Checker
D. Georgalas

Scale (A1) 1:500 H, 1:100 V Scale (A3) 1:1000 H, 1:200 V

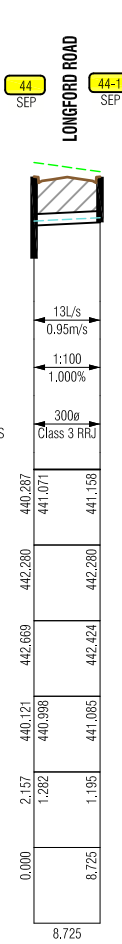
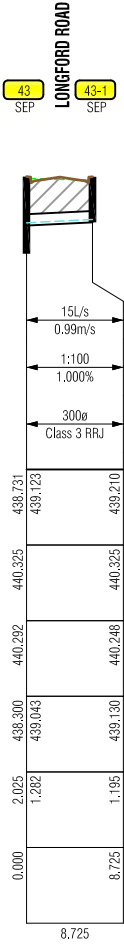
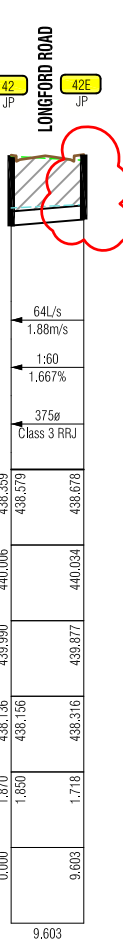
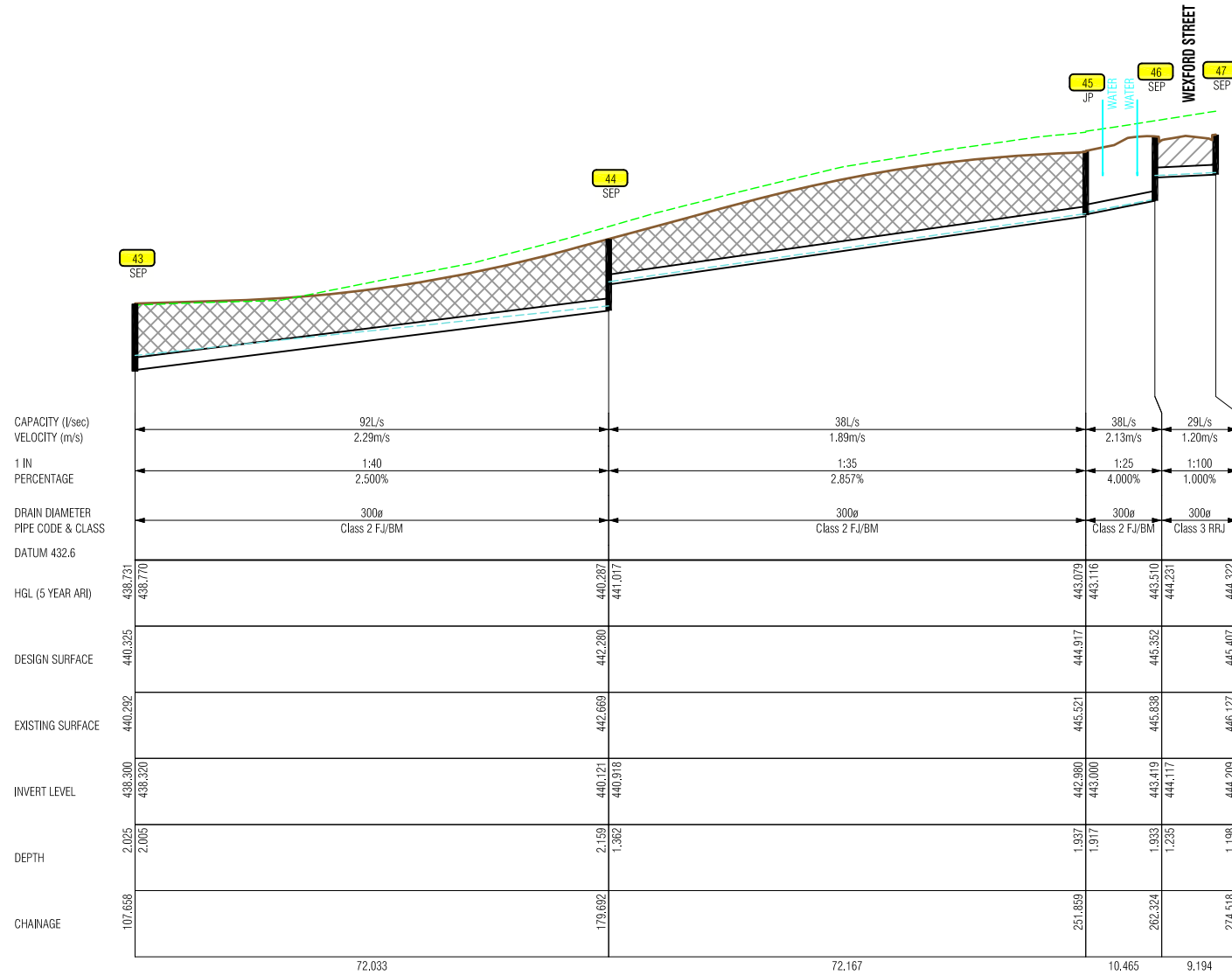
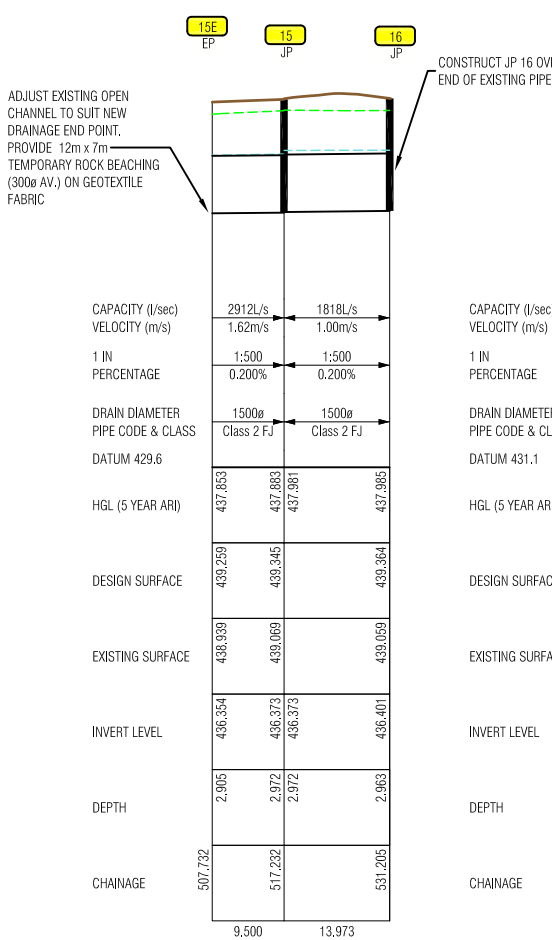
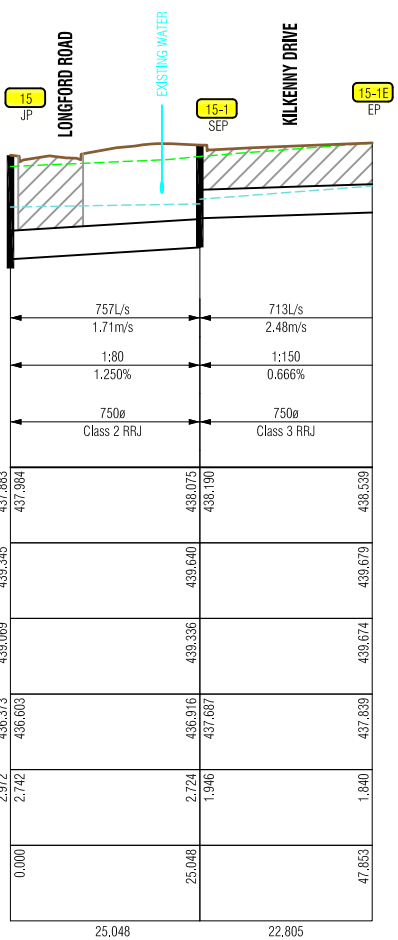
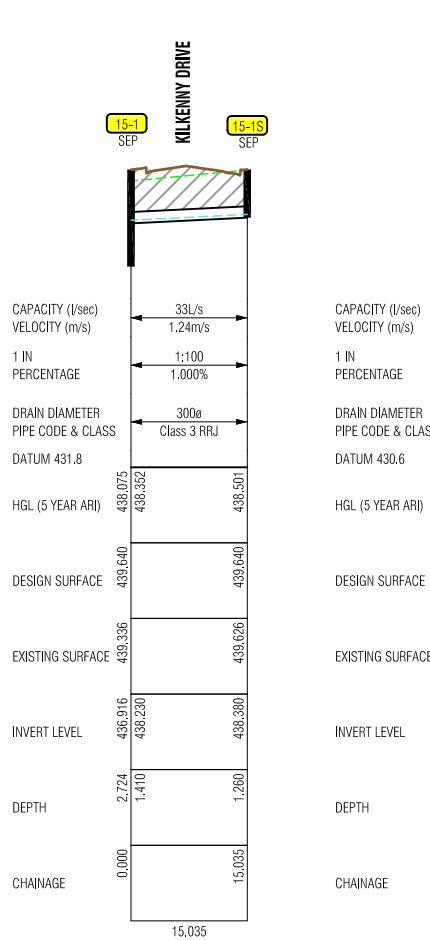
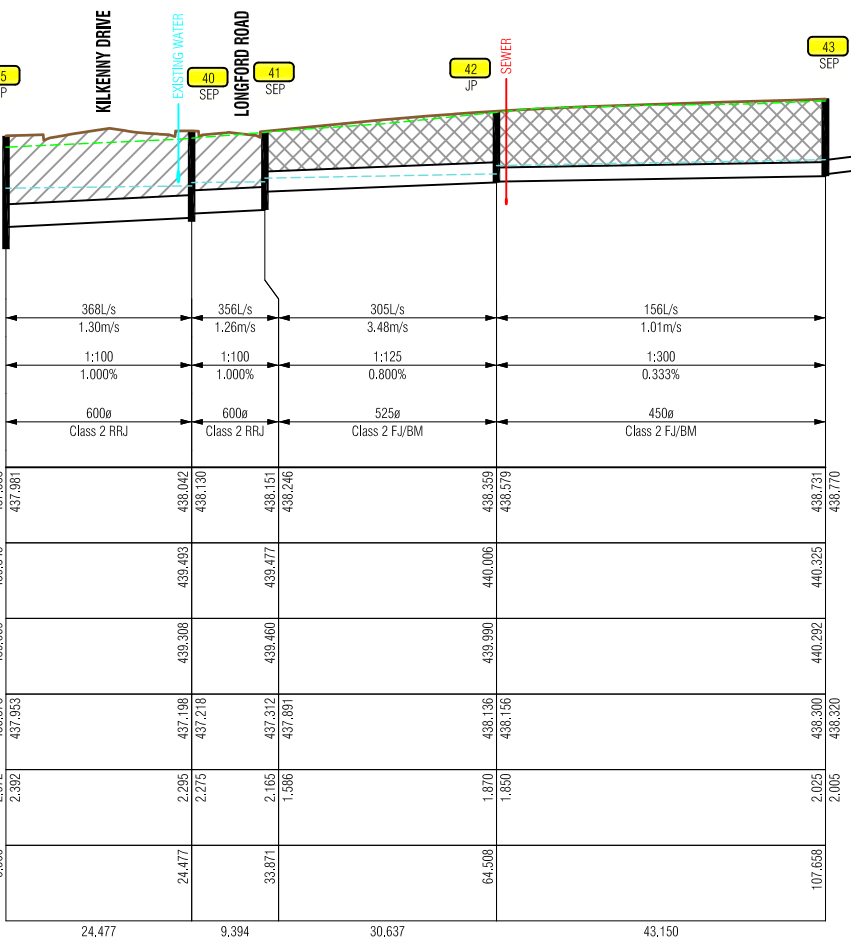
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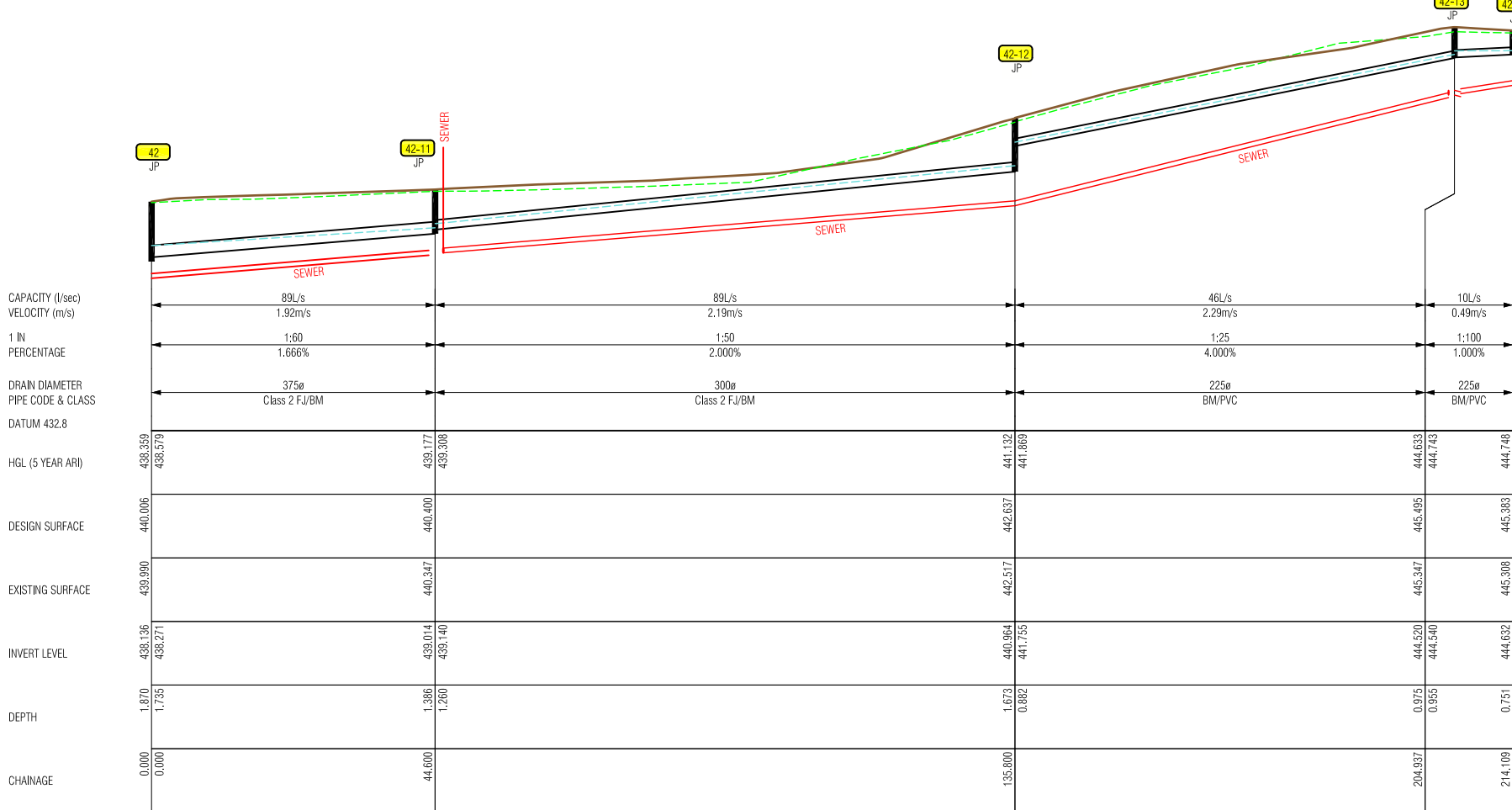
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6 of 13

Drawing Number
BMK-CD-006

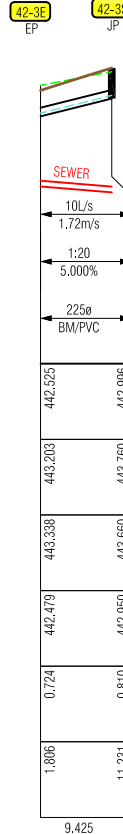
Revision
C

LEGEND	
FCR BACKFILL	
NDCR BACKFILL	
DESIGN SURFACE	
EXISTING SURFACE	
5 YEAR HGL	
DRAINAGE INFRASTRUCTURE	



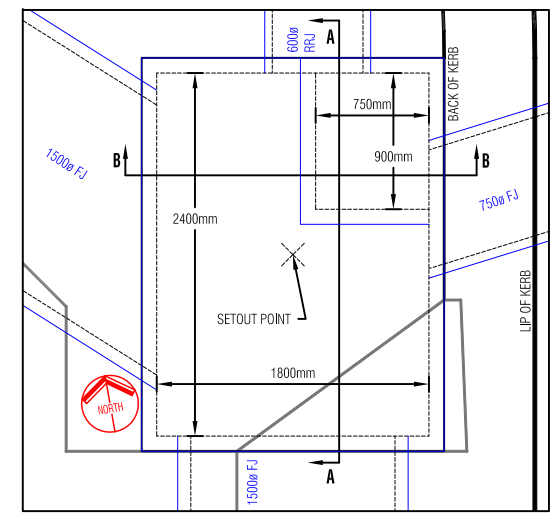


CAPACITY (l/sec)
VELOCITY (m/s)
1 IN PERCENTAGE
DRAIN DIAMETER
PIPE CODE & CLASS
DATUM 435.9
HGL (5 YEAR ARI)
DESIGN SURFACE
EXISTING SURFACE
INVERT LEVEL
DEPTH
CHAINAGE

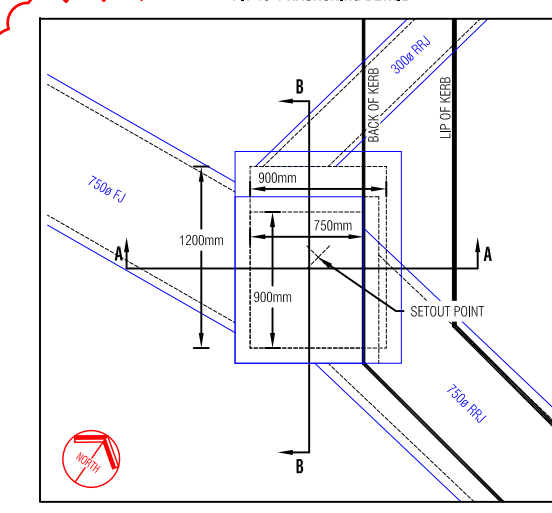


LEGEND	
FCR BACKFILL	
NDCR BACKFILL	
DESIGN SURFACE	
EXISTING SURFACE	
5 YEAR HGL	
DRAINAGE INFRASTRUCTURE	

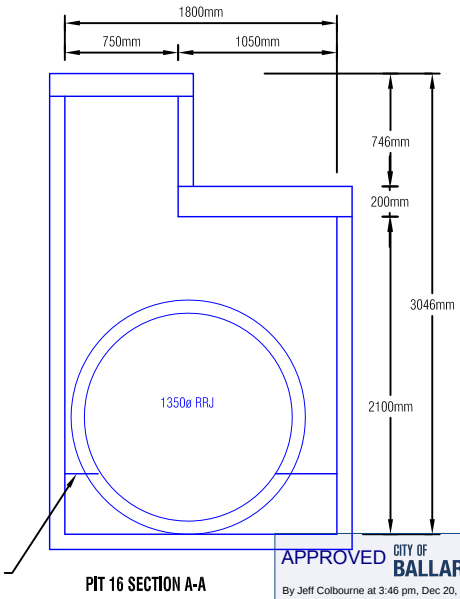
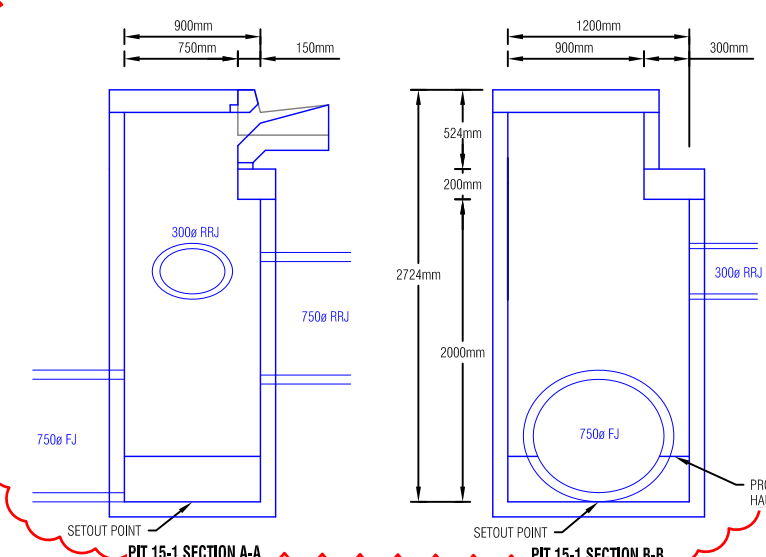
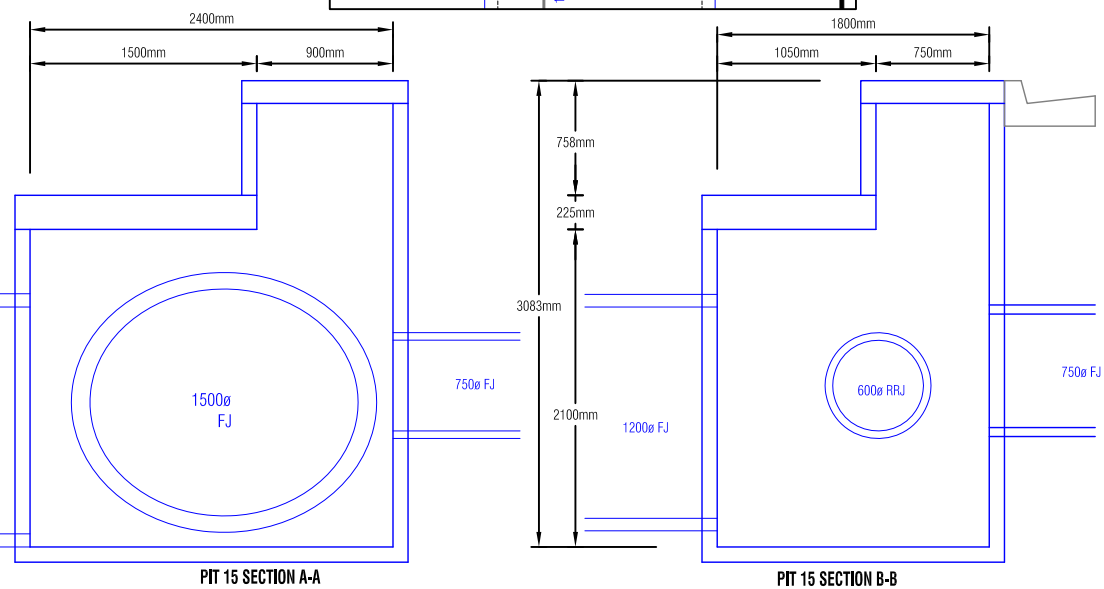
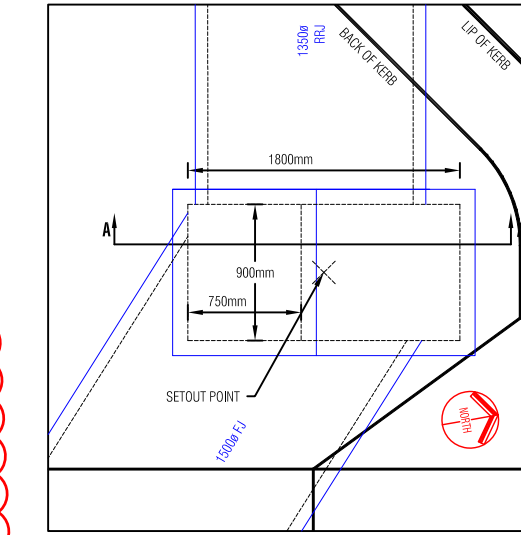
PIT 15 HAUNCHING DETAIL



PIT 15-1 HAUNCHING DETAIL



PIT 16 HAUNCHING DETAIL



General Notes

SAFETY FIRST
SAFETY STARTS WITH YOU

D			
C			
B	PIT 15-1 CHANGED		15/12/16
A	ISSUED FOR CONSTRUCTION	TO	27/07/16
Rev	Amendment	Initials	Date

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Post Office Box 4226
Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
DRAINAGE PROFILES

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker

Checker
D. Georgalas

Verified

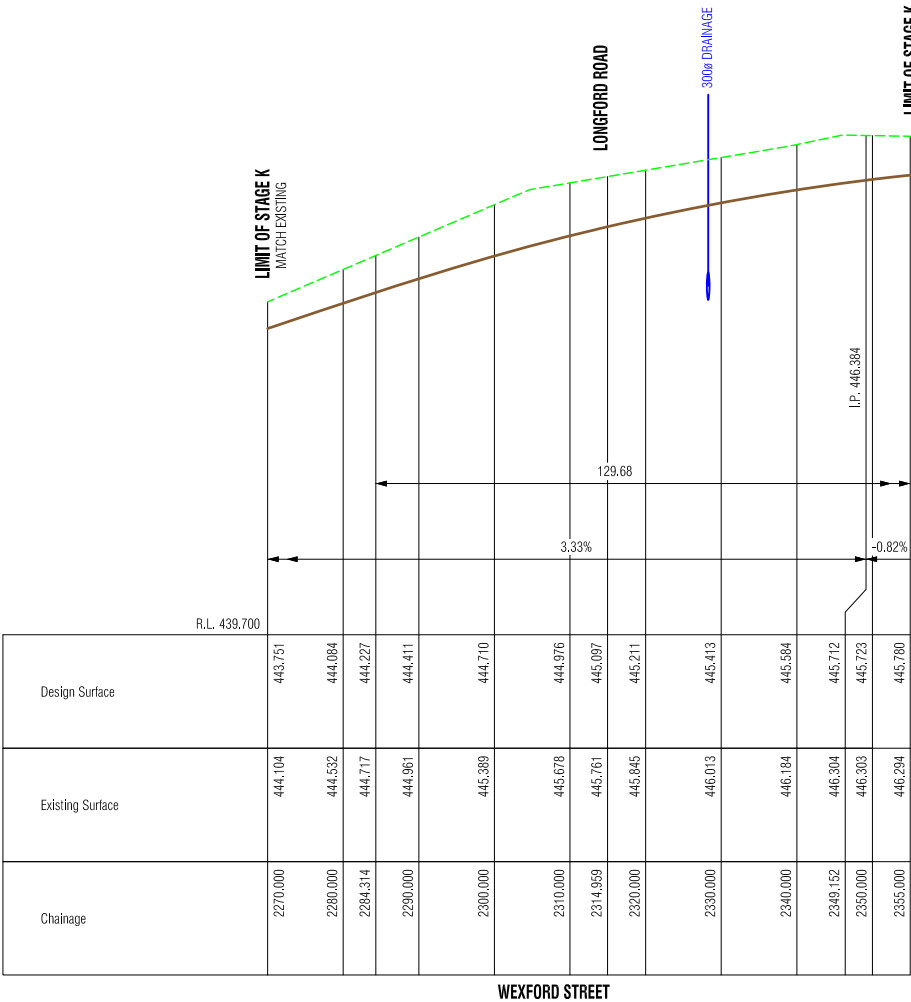
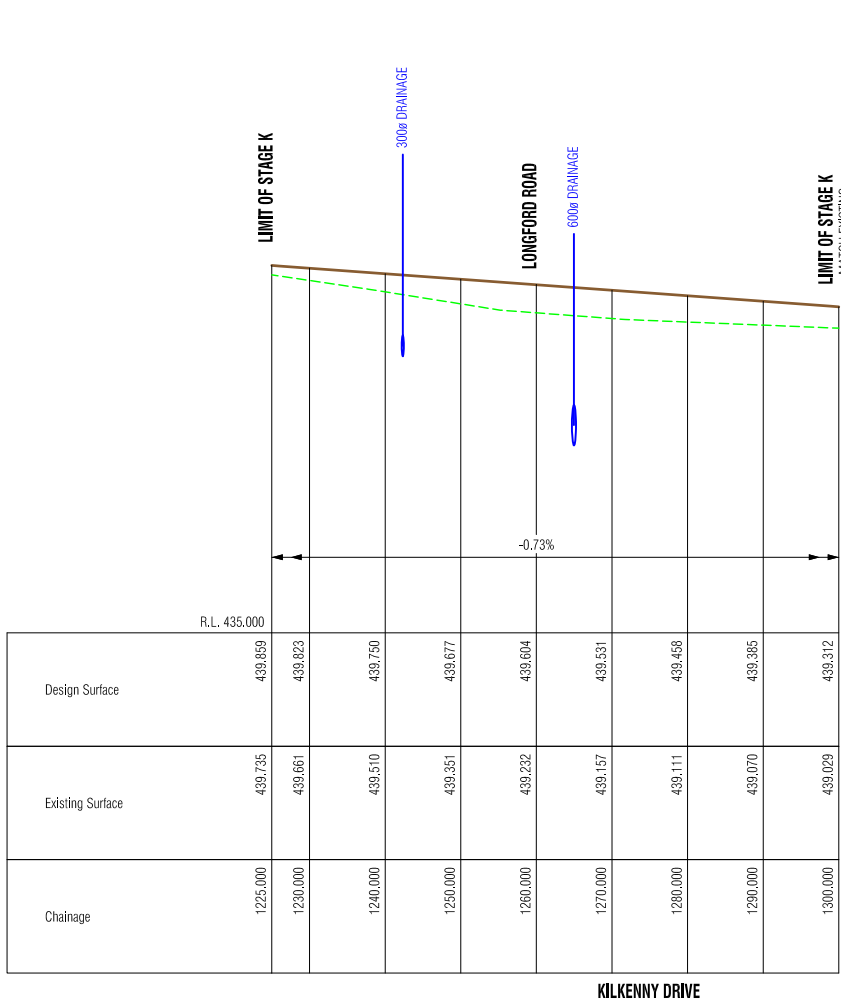
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VER 0 1 2 3 4 5

Sheet Number
7 of 13

Drawing Number
BMK-CD-007

Revision
B



General Notes

SAFETY FIRST

SAFETY STARTS WITH YOU

D			
C			
B			
A	ISSUED FOR CONSTRUCTION		27/07/16
Rev	Amendment	Initials	Date

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Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
LONGITUDINAL SECTIONS

Status
APPROVED
ISSUED FOR CONSTRUCTION

Designer
T. Oldaker

Checker
D. Georgalas

Verified

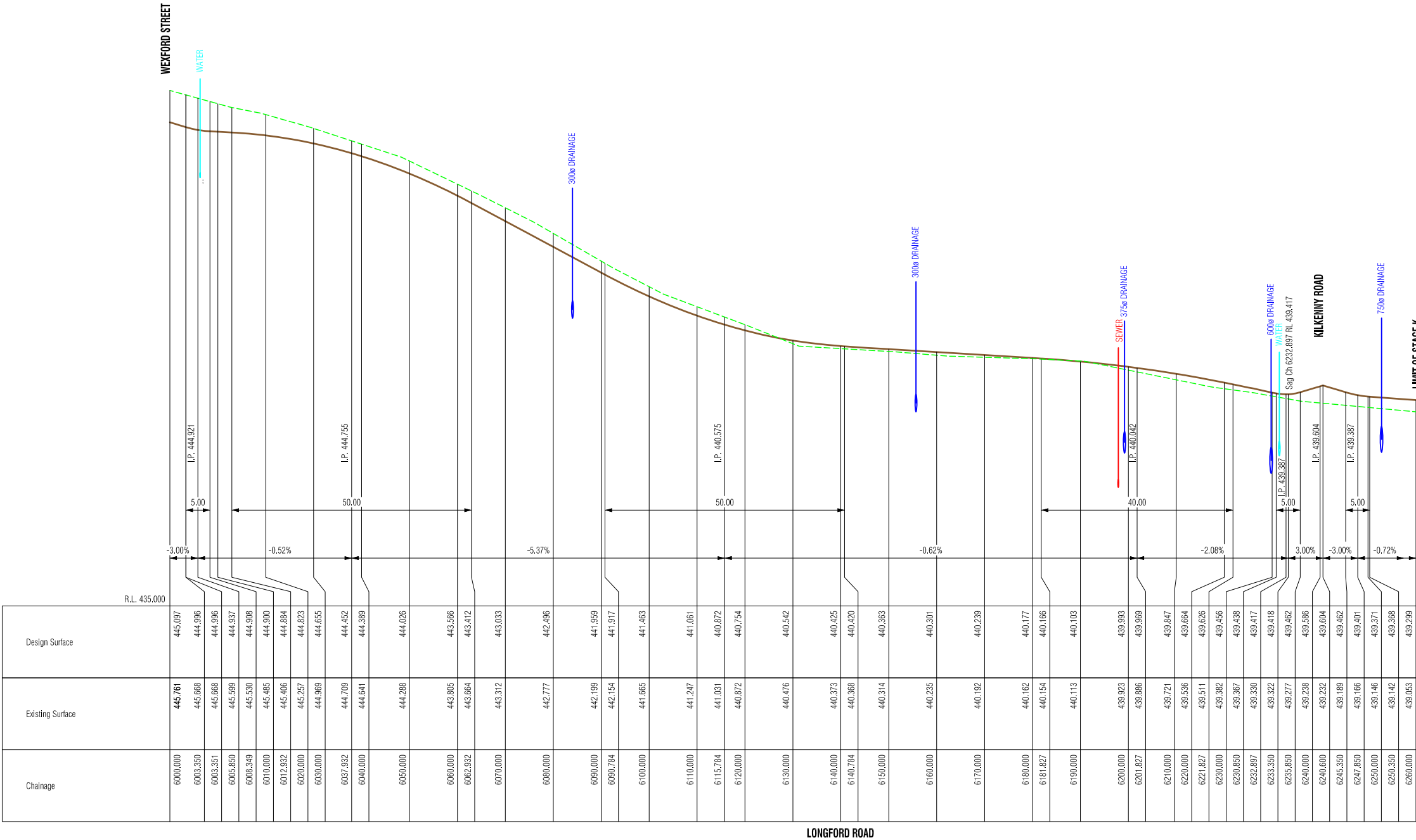
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VER 0 1 2 2.5

Sheet Number
8 of 13

Drawing Number
BMK-CD-008

Revision
A



General Notes

SAFETY FIRST

SAFETY STARTS WITH YOU

D	.		.
C	.		.
B	.		.
A	ISSUED FOR CONSTRUCTION		27/07/16
Rev	Amendment	Initials	Date

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Post Office Box 4226
Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project

BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON

Authority

Ballarat City Council - (03) 5320 5500

Drawing Title

LONGITUDINAL SECTION

Status

APPROVED
ISSUED FOR CONSTRUCTION

Designer

T. Oldaker

Checker

D. Georgalas

Verified

Scale (A1) 1:500 H, 1:50 V

Scale (A3) 1:1000 H, 1:100 V

HOR 0 5 10 15 20 25

VER 0 1 2 2.5

Sheet Number

9 of 13

Drawing Number

BMK-CD-009

Revision

A

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Alfredton Victoria 3350
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Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
**CROSS SECTIONS
KILKENNY DRIVE
CH 1225.000 - CH 1300.000**

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker

Checker
D. Georgalas

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Scale (A3) 1:400 H, 1:200 V

HOR 0 2 4 6 8 10
VER 0 1 2 3 4 5

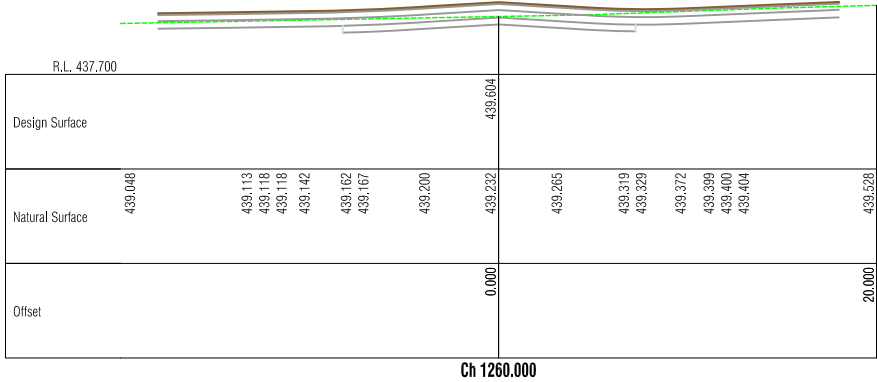
Sheet Number
10 of 13

Drawing Number
BMK-CD-010

Revision
A

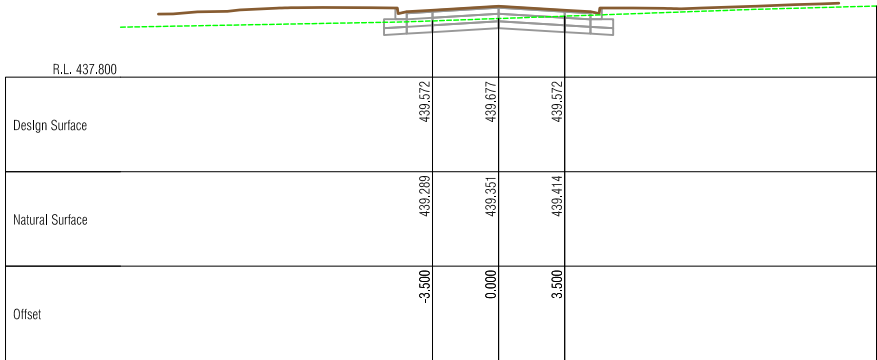
LONGFORD ROAD

FOR SETOUT DETAILS REFER
TO DRAWING No. BMK-CD-003

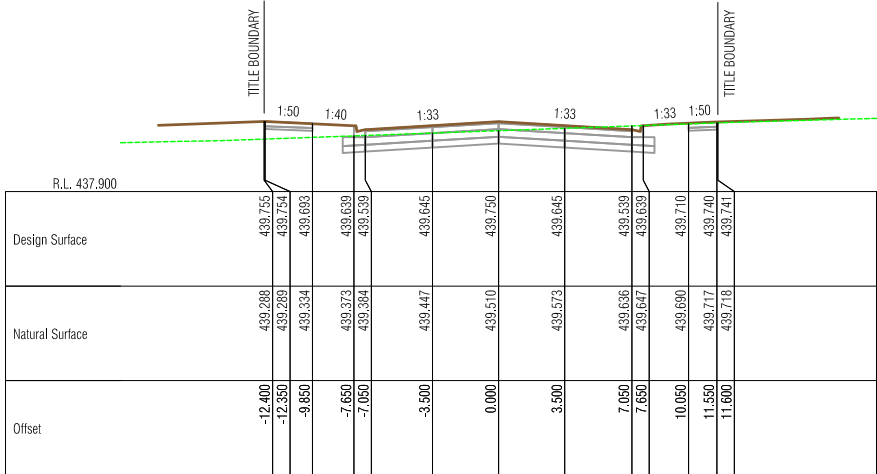


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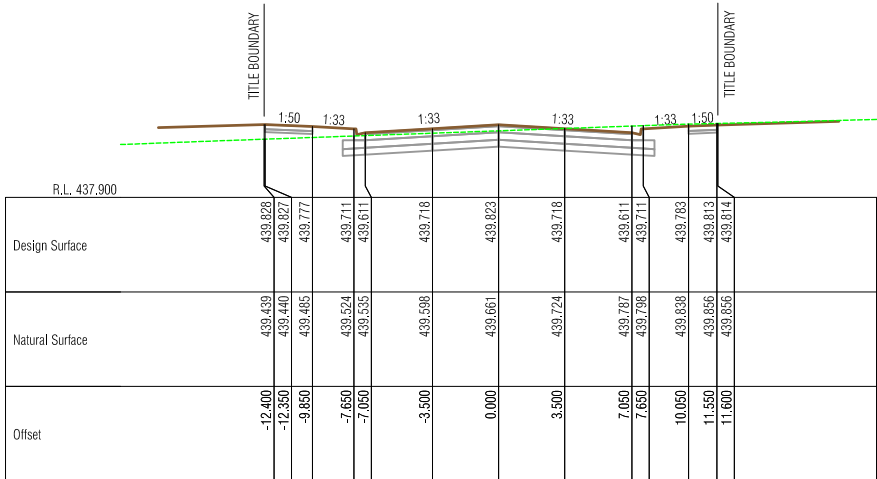
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Ch 1250.000



Ch 1240.000



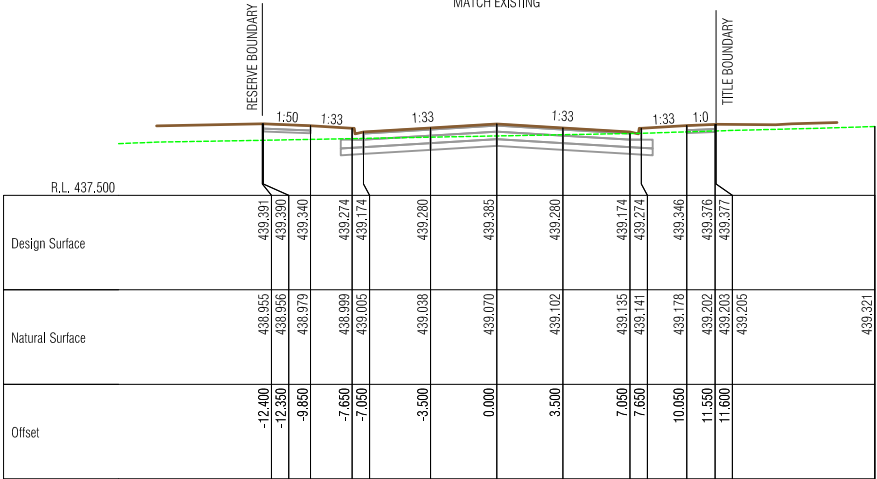
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RESERVE BOUNDARY



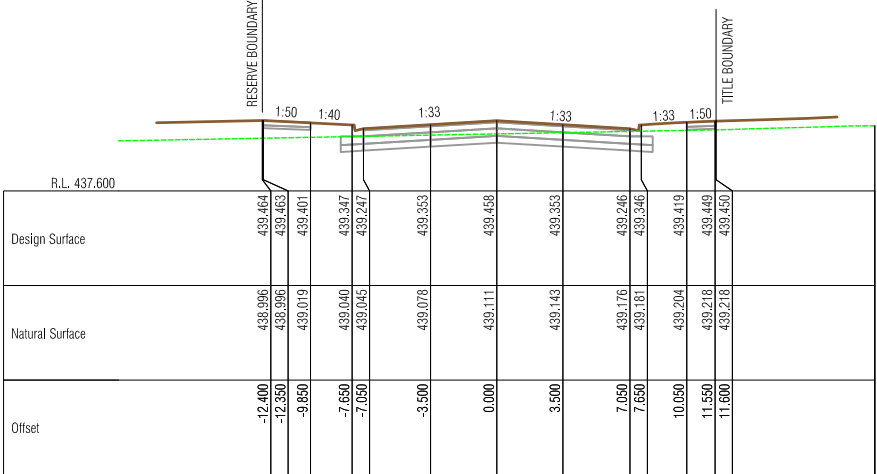
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MATCH EXISTING

RESERVE BOUNDARY



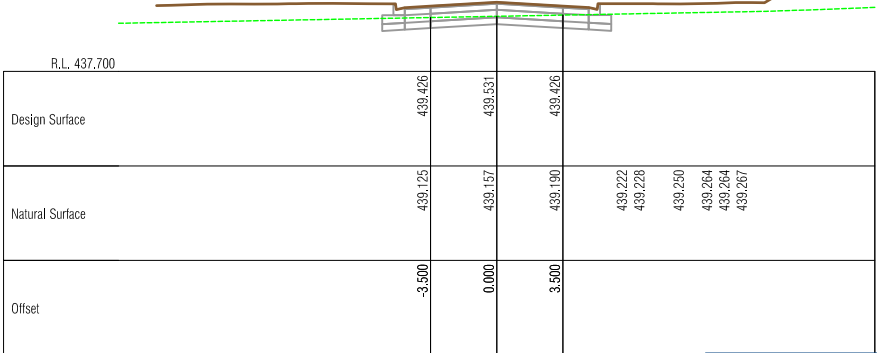
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RESERVE BOUNDARY



Ch 1280.000

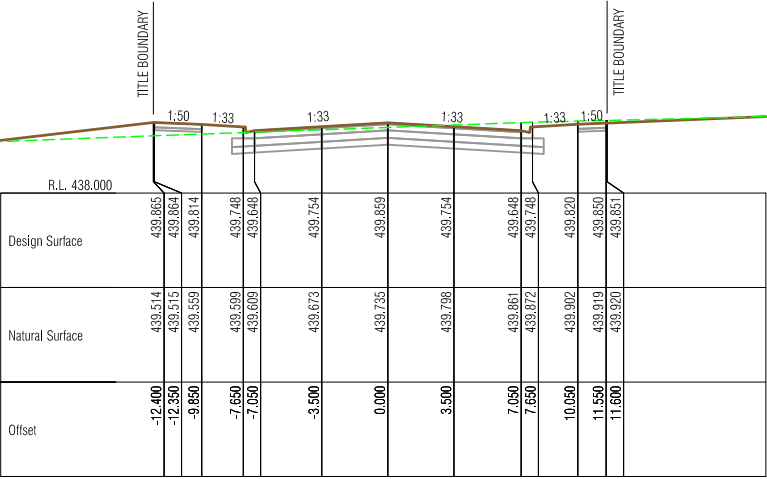
FOR SETOUT DETAILS REFER
TO DRAWING No. BMK-CD-003



Ch 1270.000



By Jeff Colbourne at 7:44 am, Jul 28, 2016



Ch 1225.000 - LIMIT OF STAGE K

SAFETY FIRST
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Rev	Amendment	Initials	Date
D			
C			
B			
A	ISSUED FOR CONSTRUCTION		27/07/16



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Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
**CROSS SECTIONS
WEXFORD STREET
CH 2270.000 - CH 2355.000**

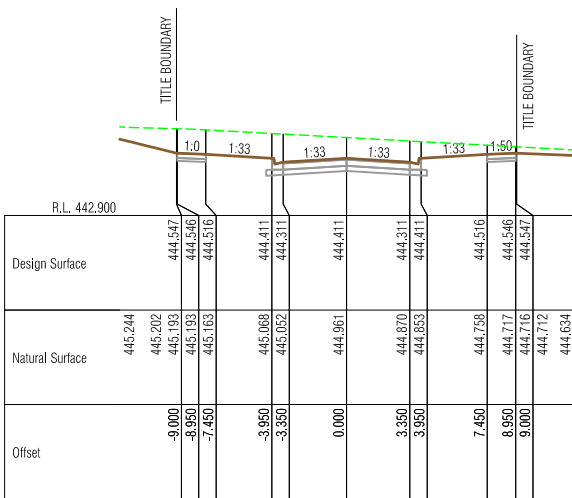
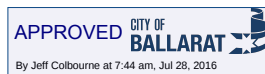
Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker
Checker
D. Georgalas
Scale (A1) 1:200 H, 1:100 V Scale (A3) 1:400 H, 1:200 V
HOR 0 2 4 6 8 10
VER 0 1 2 3 4 5

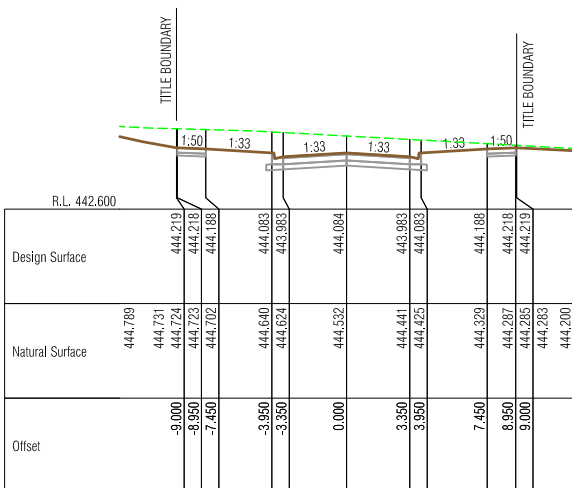
Sheet Number

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Drawing Number
BMK-CD-011
Revision
A



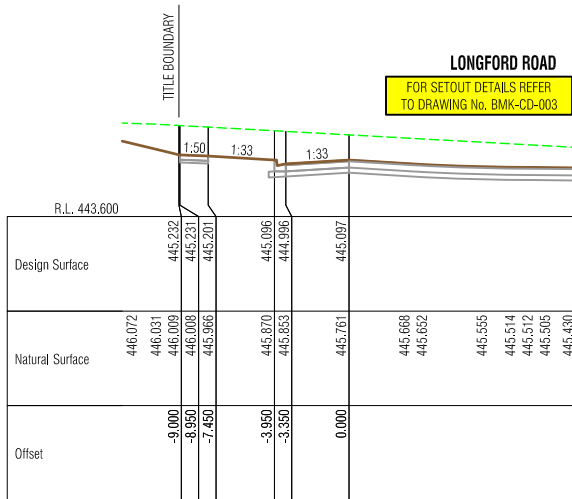
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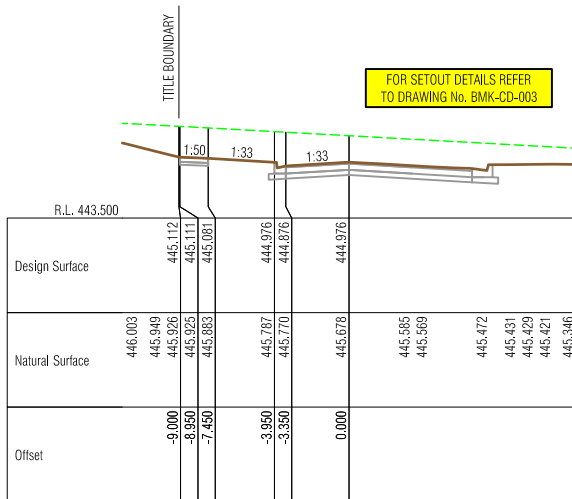
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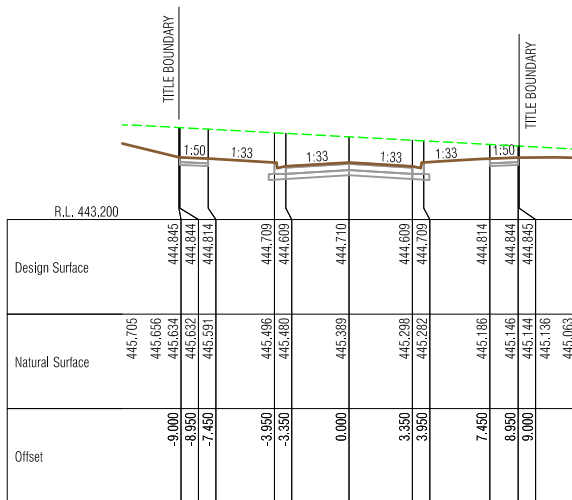
Ch 2270.000 - LIMIT OF STAGE K
MATCH EXISTING



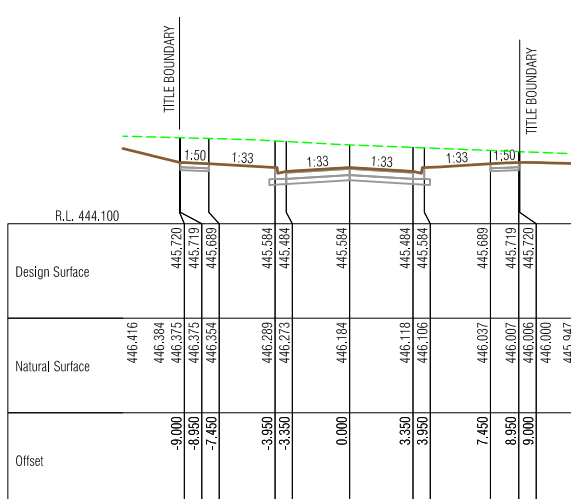
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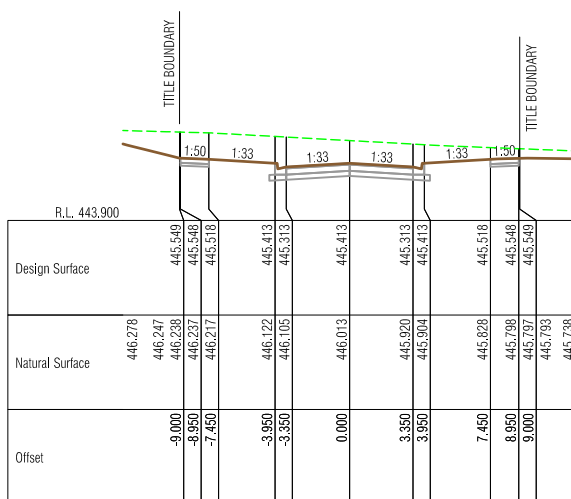
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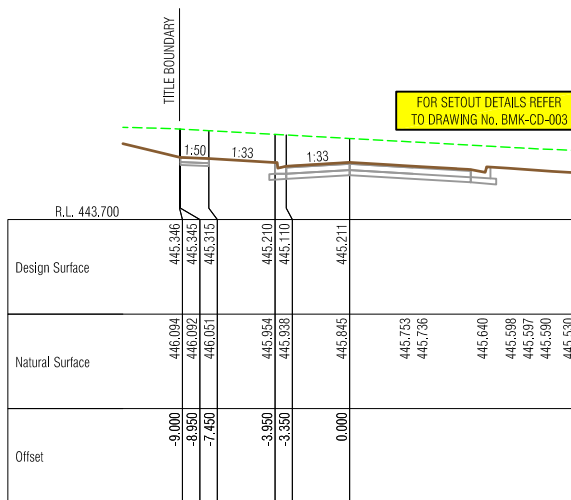
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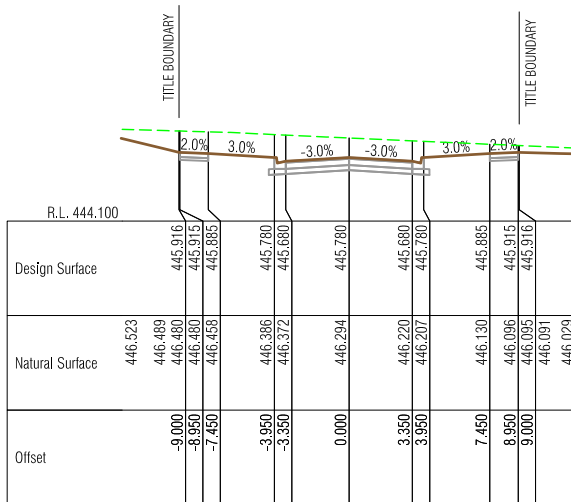
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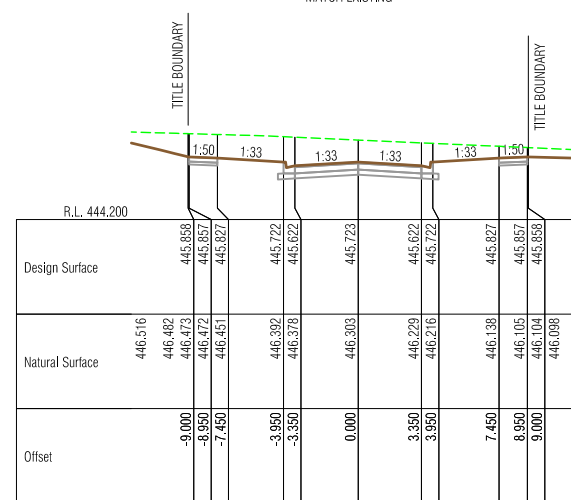
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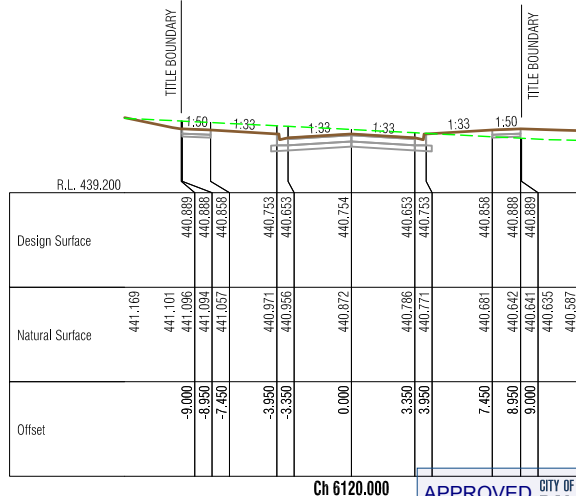
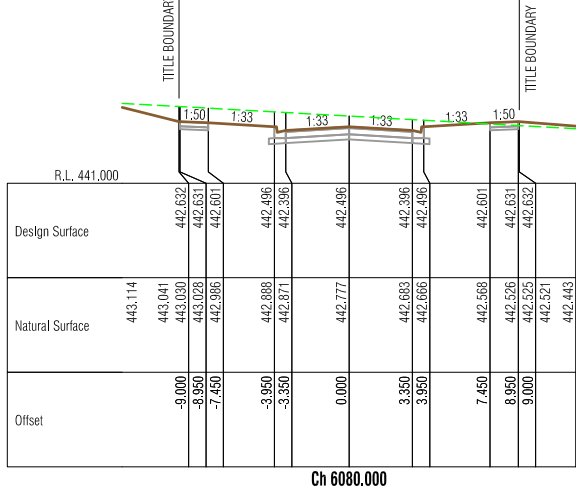
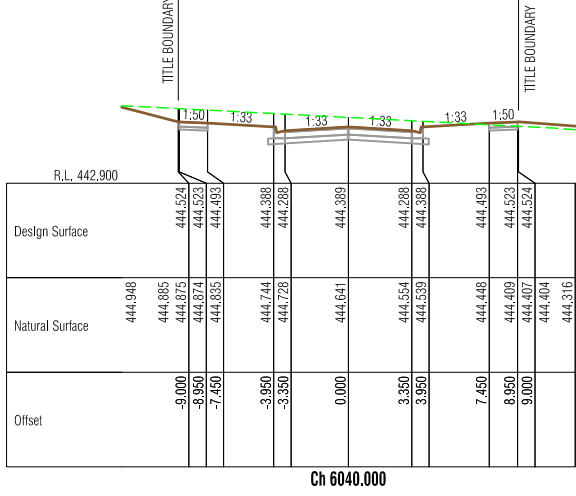
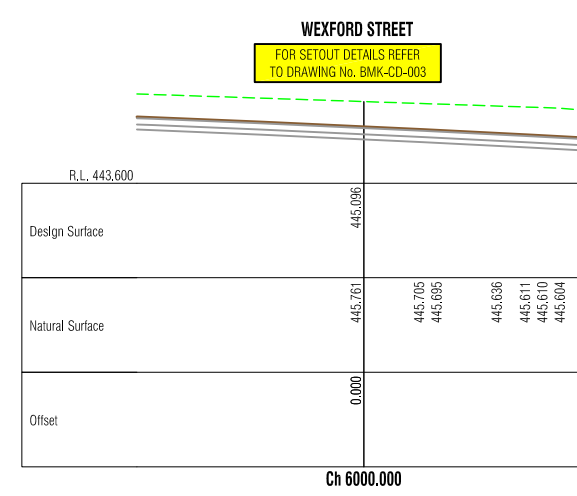
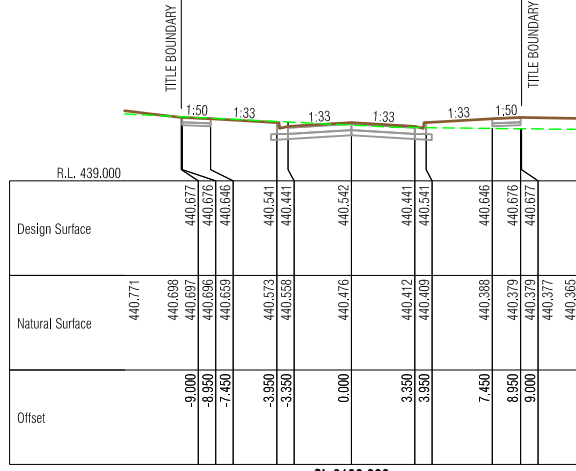
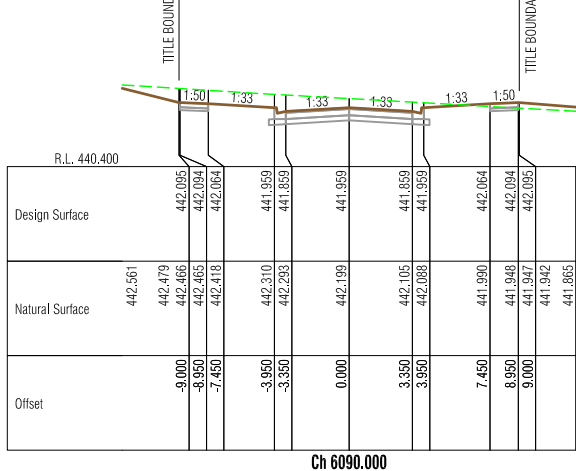
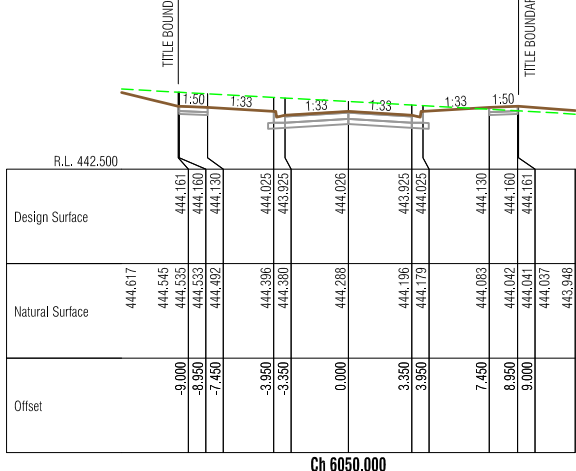
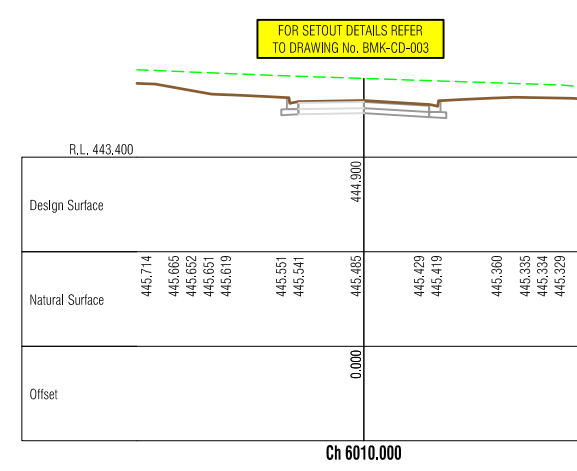
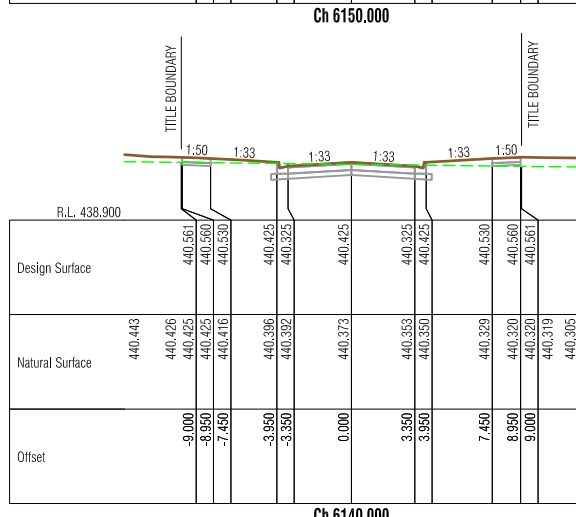
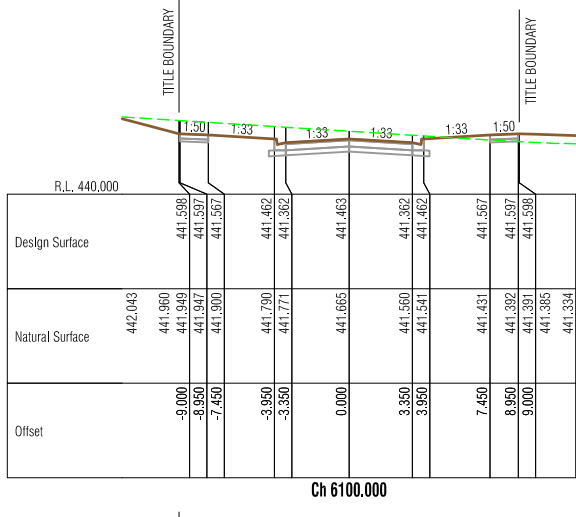
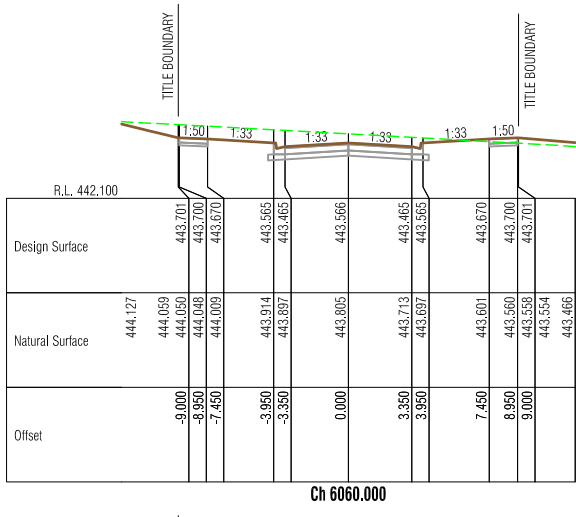
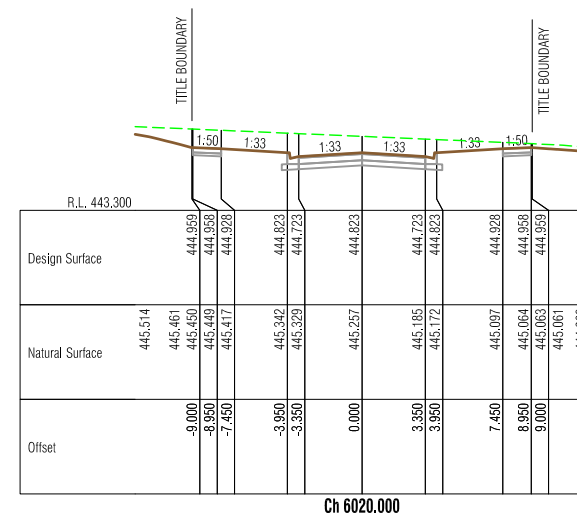
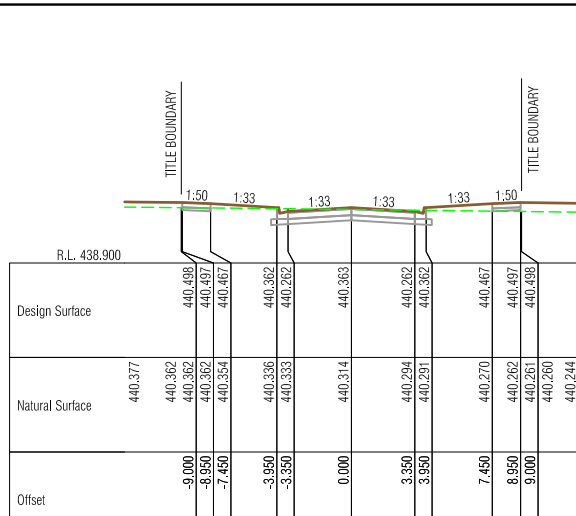
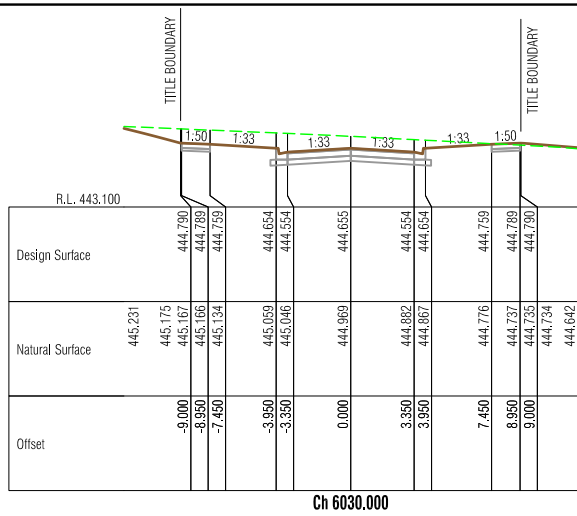
Ch 2320.000



Ch 2355.000 - LIMIT OF STAGE K
MATCH EXISTING



Ch 2350.000



General Notes

SAFETY FIRST
SAFETY STARTS WITH YOU

Rev	Amendment	Initials	Date
A	ISSUED FOR CONSTRUCTION		27/07/16
B			
C			
D			



1728 Sturt St, Alfredton
Post Office Box 4226
Alfredton Victoria 3350
T: 03 5322 5999 F: 03 5322 5995

Project
**BALLYMANUS ESTATE
RESIDENTIAL SUBDIVISION
STAGE K
ALFREDTON**

Authority
Ballarat City Council - (03) 5320 5500

Drawing Title
**CROSS SECTIONS
LONGFORD ROAD
CH 6000.000 - CH 6150.000**

Status
**APPROVED
ISSUED FOR CONSTRUCTION**

Designer
T. Oldaker
Scale (A1) 1:200 H, 1:100 V Scale (A3) 1:400 H, 1:200 V
VER 0 1 2 3 4 5

Sheet Number
12 of 13

Drawing Number
BMK-CD-012
Revision
A

