



**LEGEND**

2/1	- Pit No. 2/Drainline No. 1
→	- Stormwater flow arrow.
- - - - -	- RP boundary.
▲▲▲▲▲	- Top of batter.
▼▼▼▼▼	- Toe of batter.
— — — — —	- Change of grade.
— — — — —	- Invert of drain.
— — — — —	- uPVC water main.
— — — — —	- Poly water main.
— — — — —	- Stormwater drain line.
— — — — —	- Subsoil drainage.
— — — — —	- Stormwater drain line.
— — — — —	- Subsoil drainage.
— — — — —	- Sewer main.
— — — — —	- Sewer manhole.
— — — — —	- Water main.
— — — — —	- Poly water main.

**NOTES:**  
 1. All Q50 flows remain within the road & drainage reserves.

**ROADWAY Q50 STORMWATER LEVELS**

Road Name	Chainage	Description	Q50 Level
SUNBURST STREET	195.900	Roadway	7.790
	214.000	Pits 3/70 & 1/71	7.790
	234.000	Roadway	7.760
	258.000	Pit 1/72	7.670
	306.000	Pits 5/70 & 1/73	7.560
	336.000	Pits 6/70 & 1/74	7.550
SUMMERGOLD STREET	353.500	Roadway	7.540
	403.800	Pit 1/75	7.390
	429.560	Road End	7.390
	475.000	Roadway	7.410
	505.300	Pit 8/70	7.410
	520.000	Roadway	7.470

**ACCEPTED AS CONSTRUCTED**

**LAYOUT PLAN**

**AS CONSTRUCTED**  
 Rowlands Surveys Pty Ltd (ACN 010 025 260) hereby certify that the works detailed on this drawing, denoted \*, have been constructed to the dimensions and levels shown.

Signature: Laurence John Nolan  
 Director/Registered Surveyor  
 Date: 25/6/19

All work has been carried out in accordance with LOCAL AUTHORITIES standard details.

REFER TO DRAWING TUR0807/6 FOR ROAD TYPICAL SECTIONS.

Issue	Description	Date
B	AMENDED TO AS CONSTRUCTED.	25/06/2014
A	ISSUED FOR CONSTRUCTION.	14/03/2013
P1	PRELIMINARY - NOT FOR CONSTRUCTION - ISSUED FOR OPERATIONAL WORKS APPROVAL.	12/06/2012

**REAL PROPERTY DESCRIPTION**  
 Lot 900 on SP241177  
 Parish of BOHLE  
 County of ELPHINSTONE  
 Summergold Street - Mount Low

**LEVEL DATUM A.H.D.**  
 Horizontal Datum GDA' 94 Zone 55  
 Refer P.M. 168932 RL. 7.875  
 Spike in concrete.  
 Cnr ATWOOD ST. & ELLENDALE ST.

**Scale**  
 0 5 10 15 20m

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**SCI QUAL INTERNATIONAL**  
 QUALITY APPROVED TO AS/NZS ISO 9001:2008 REG. NUMBER 1024

**NORTHERN CONSULTING engineers**

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 Email: mail@nceng.com.au  
 Milton Messer & Associates Pty. Ltd.  
 ACN 100 817 356

Drawn: KJM  
 Date: 12/06/2012  
 Checked: [Signature]  
 Approved: [Signature]  
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In Association With  
**BUSHLAND GROVE PTY LTD**

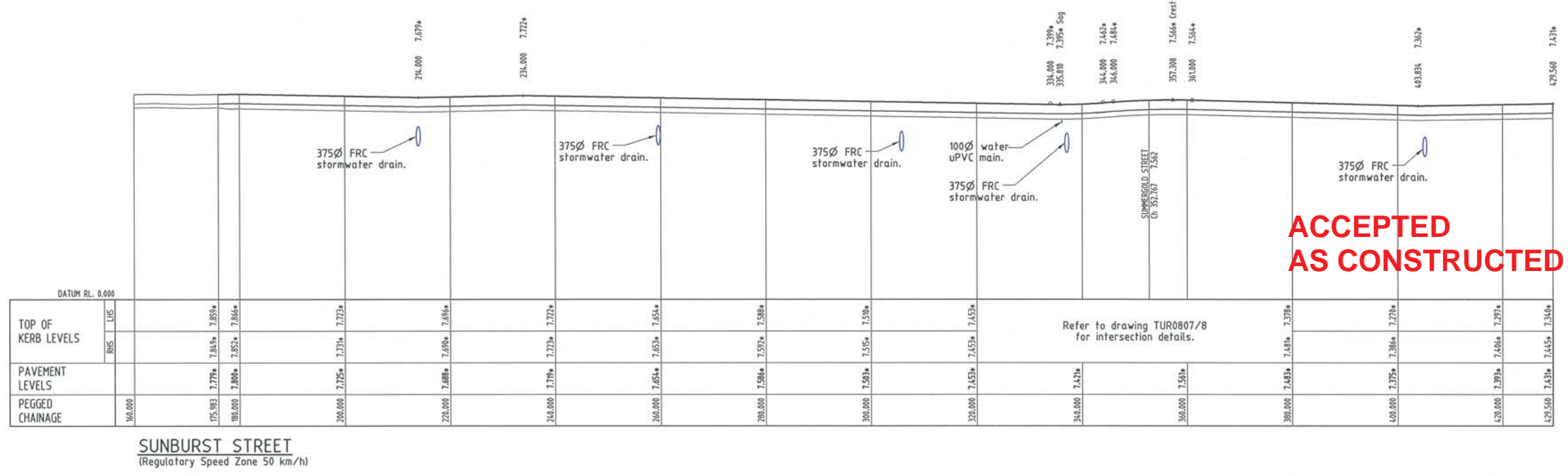
**BUSHLAND GROVE ESTATE STAGE 7, 20 ALLOTMENT RESIDENTIAL SUBDIVISION, SUMMERGOLD STREET, MOUNT LOW**

**LAYOUT PLAN, ROADWORKS & STORMWATER**

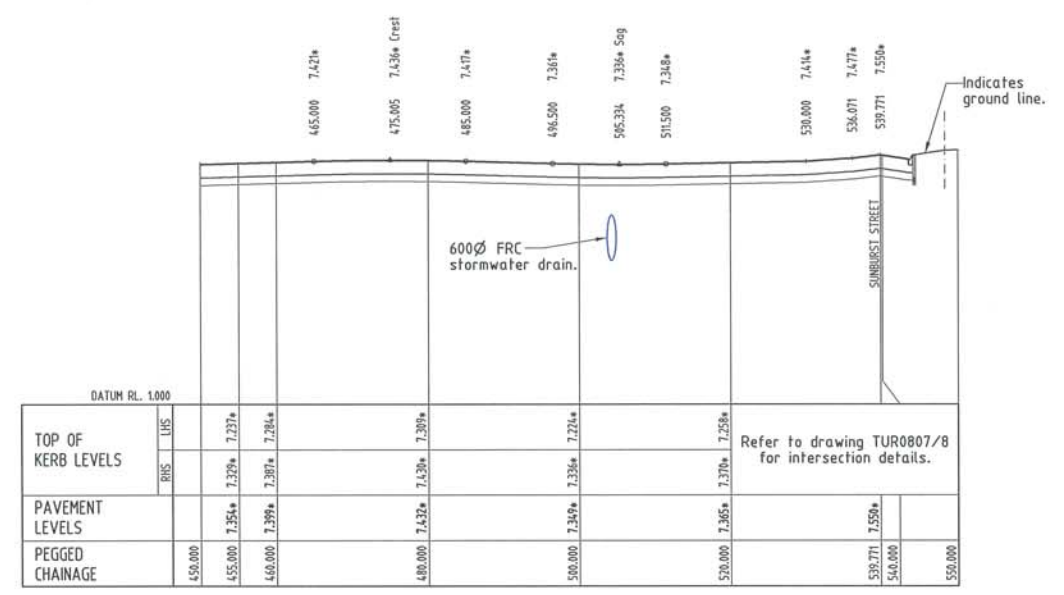
Drawing Number: **TUR0807/3**

Issue: **B**





**SUNBURST STREET**  
(Regulatory Speed Zone 50 km/h)



**SUMMERGOLD STREET**  
(Regulatory Speed Zone 50 km/h)

PAVEMENT TYPE	PAVEMENT DESCRIPTION
Type 1	25mm A.C. wearing course. 130mm base course, DTMR Type 2.1 (CBR80). 100mm sub-base course, DTMR Type 2.3 (CBR45). 100mm lower sub-base course, DTMR Type 2.5 (CBR15). 200mm selected subgrade (CBR10).

**AS CONSTRUCTED**  
Northern Consulting Engineers hereby certify that the works detailed on this drawing have been constructed to the dimensions and levels detailed.

*Andrew Wallace*  
Andrew Ian Wallace Date: 25/6/14

**AS CONSTRUCTED**  
Rowlands Surveys Pty Ltd (ACN 010 025 260) hereby certify that the works detailed on this drawing, denoted \*, have been constructed to the dimensions and levels shown.

*Laurence John Nolan*  
Laurence John Nolan Director/Registered Surveyor Date: 25/6/14

**LONGITUDINAL SECTIONS**  
Scale 'A' - Horizontal  
Scale 'B' - Vertical



All work has been carried out in accordance with LOCAL AUTHORITIES standard details.

REFER TO DRAWING TUR0807/6 FOR ROAD TYPICAL SECTIONS.



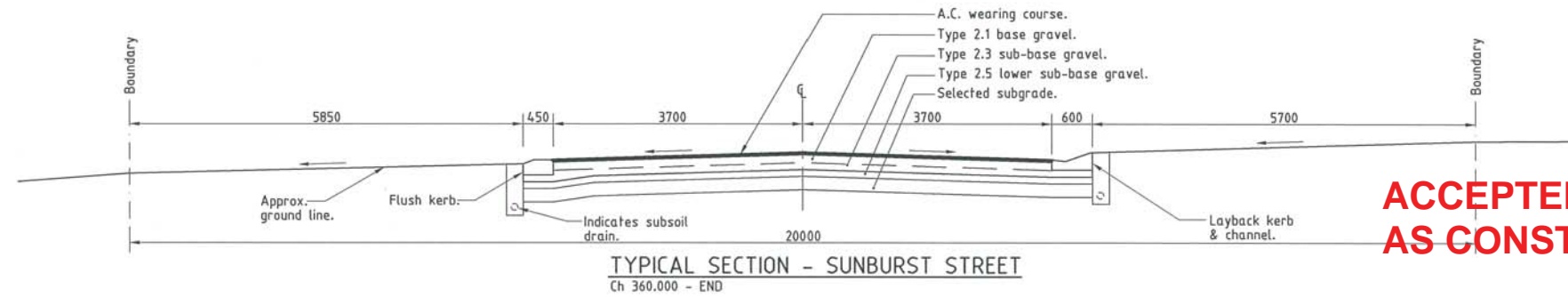
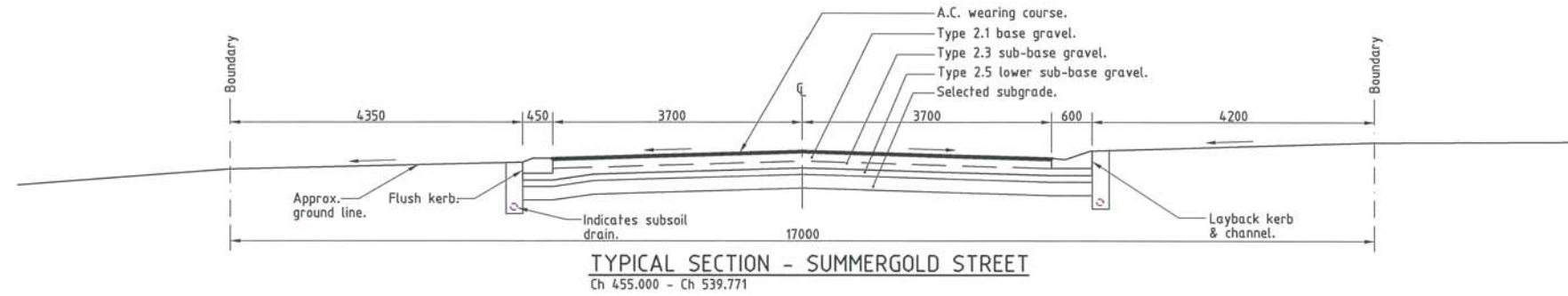
Civil & Structural Engineers  
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Email: mail@nceng.com.au  
Milton Messer & Associates Pty. Ltd.  
ACN 100 817 356

B	AMENDED TO AS CONSTRUCTED.	25/06/2014
A	ISSUED FOR CONSTRUCTION.	14/03/2013
P1	PRELIMINARY - NOT FOR CONSTRUCTION - ISSUED FOR OPERATIONAL WORKS APPROVAL.	12/06/2012
Issue	Description	Date
Drawn KJM	In Association With <b>BUSHLAND GROVE PTY LTD</b>	
Date 12/06/2012		
Checked <i>[Signature]</i>	<b>BUSHLAND GROVE ESTATE STAGE 7, 20 ALLOTMENT RESIDENTIAL SUBDIVISION, SUMMERGOLD STREET, MOUNT LOW</b>	
Approved		
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Drawing Number <b>TUR0807/5</b>		Issue <b>B</b>

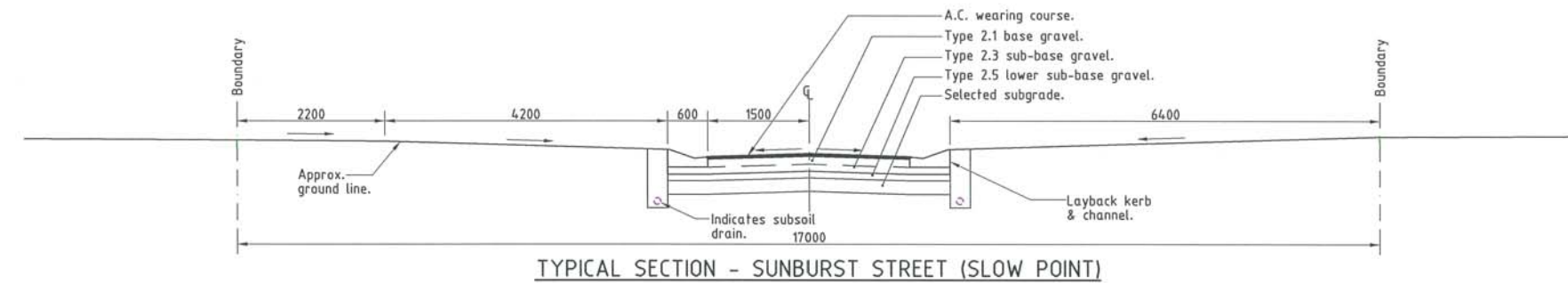
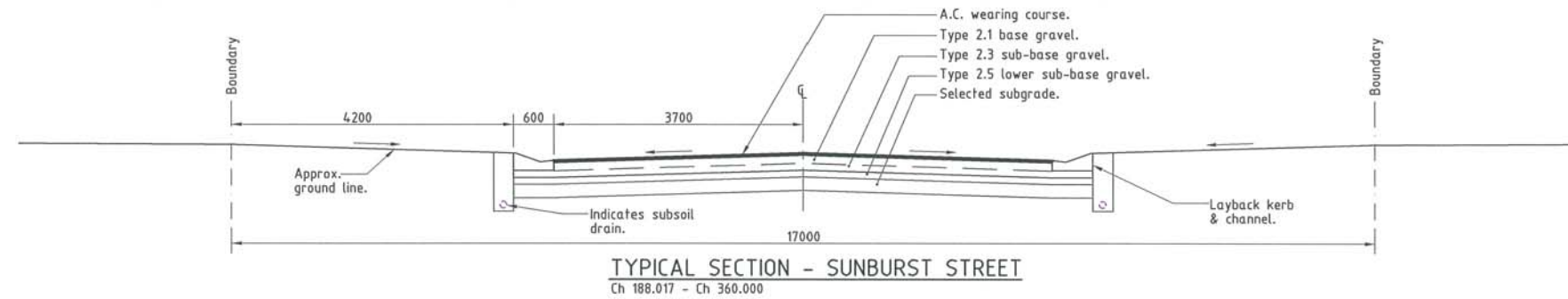
REAL PROPERTY DESCRIPTION  
Lot 900 on SP241177  
Parish of BOHLE  
County of ELPHINSTONE  
Summergold Street - Mount Low

LEVEL DATUM A.H.D.  
Horizontal Datum GDA' 94 Zone 55  
Refer P.M. 168932 RL. 7.875  
Spike in concrete.  
Cnr ATWOOD ST. & ELLENDALE ST.

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**ACCEPTED  
AS CONSTRUCTED**



**CROSS SECTIONS**

**AS CONSTRUCTED**

Northern Consulting Engineers hereby certify that the works detailed on this drawing have been constructed to the dimensions and levels detailed.

*Andrew Ian Wallace*  
Andrew Ian Wallace

Date: .....

All work has been carried out in accordance with LOCAL AUTHORITIES standard details.



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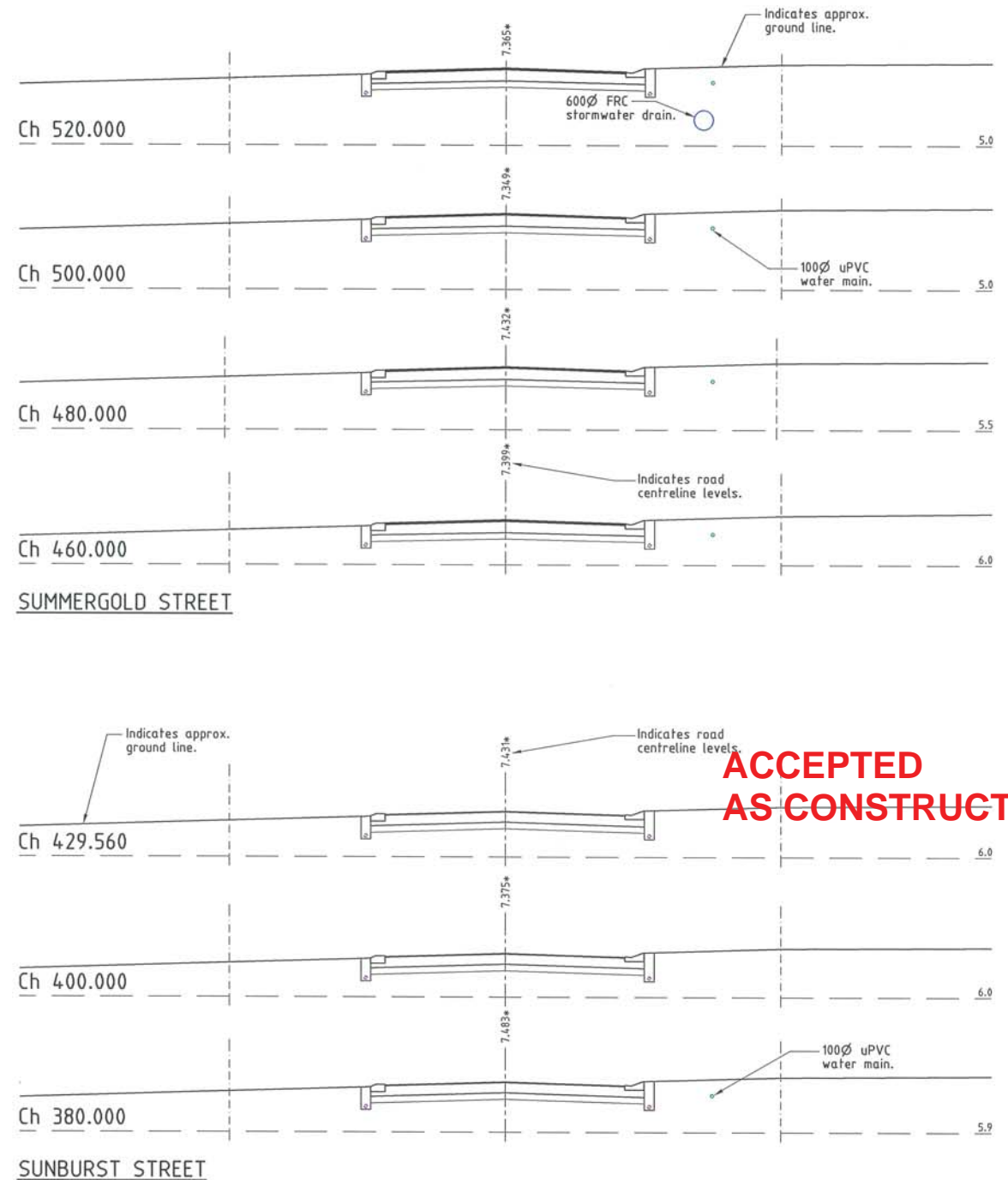
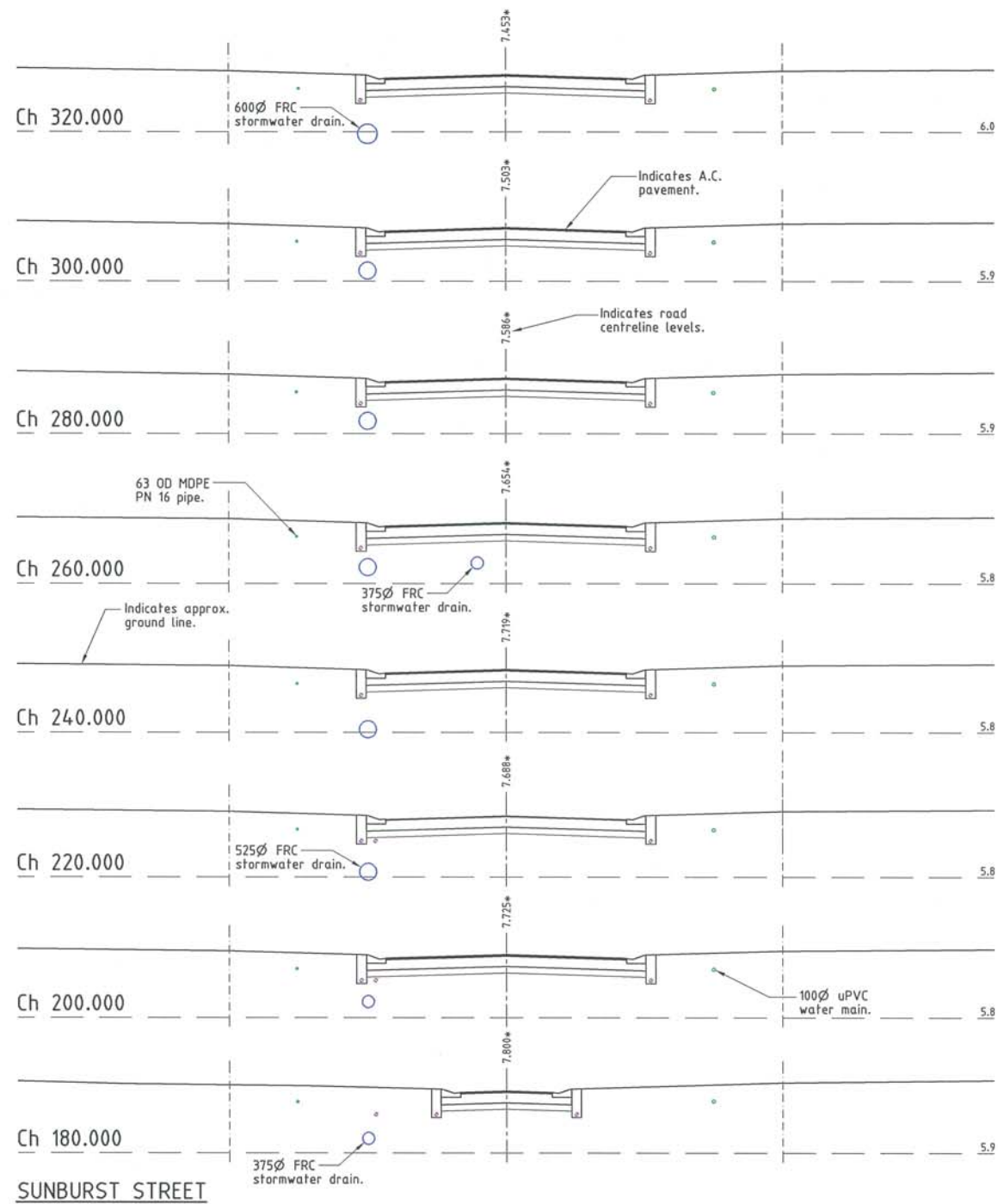
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Issue	Description	Date
Drawn KJM	In Association With <b>BUSHLAND GROVE PTY LTD</b>	
Date 12/06/2012	<b>BUSHLAND GROVE ESTATE STAGE 7, 20 ALLOTMENT RESIDENTIAL SUBDIVISION, SUMMERSGOLD STREET, MOUNT LOW</b>	
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REAL PROPERTY DESCRIPTION  
Lot 900 on SP241177  
Parish of BOHLE  
County of ELPHINSTONE  
Summersgold Street - Mount Low

LEVEL DATUM A.H.D.  
Horizontal Datum GDA' 94, Zone 55  
Refer P.M. 168932 RL. 7.875  
Spike in concrete.  
Cnr ATWOOD ST. & ELLENDALE ST.



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**ACCEPTED AS CONSTRUCTED**

**CROSS SECTIONS**

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Date: 25/6/19  
 Laurence John Nolan  
 Director/Registered Surveyor

All work has been carried out in accordance with LOCAL AUTHORITIES standard details.

REFER TO DRAWING TUR0807/6 FOR ROAD TYPICAL SECTIONS.

REAL PROPERTY DESCRIPTION  
 Lot 900 on SP241177  
 Parish of BOHLE  
 County of ELPHINSTONE  
 Summergold Street - Mount Low

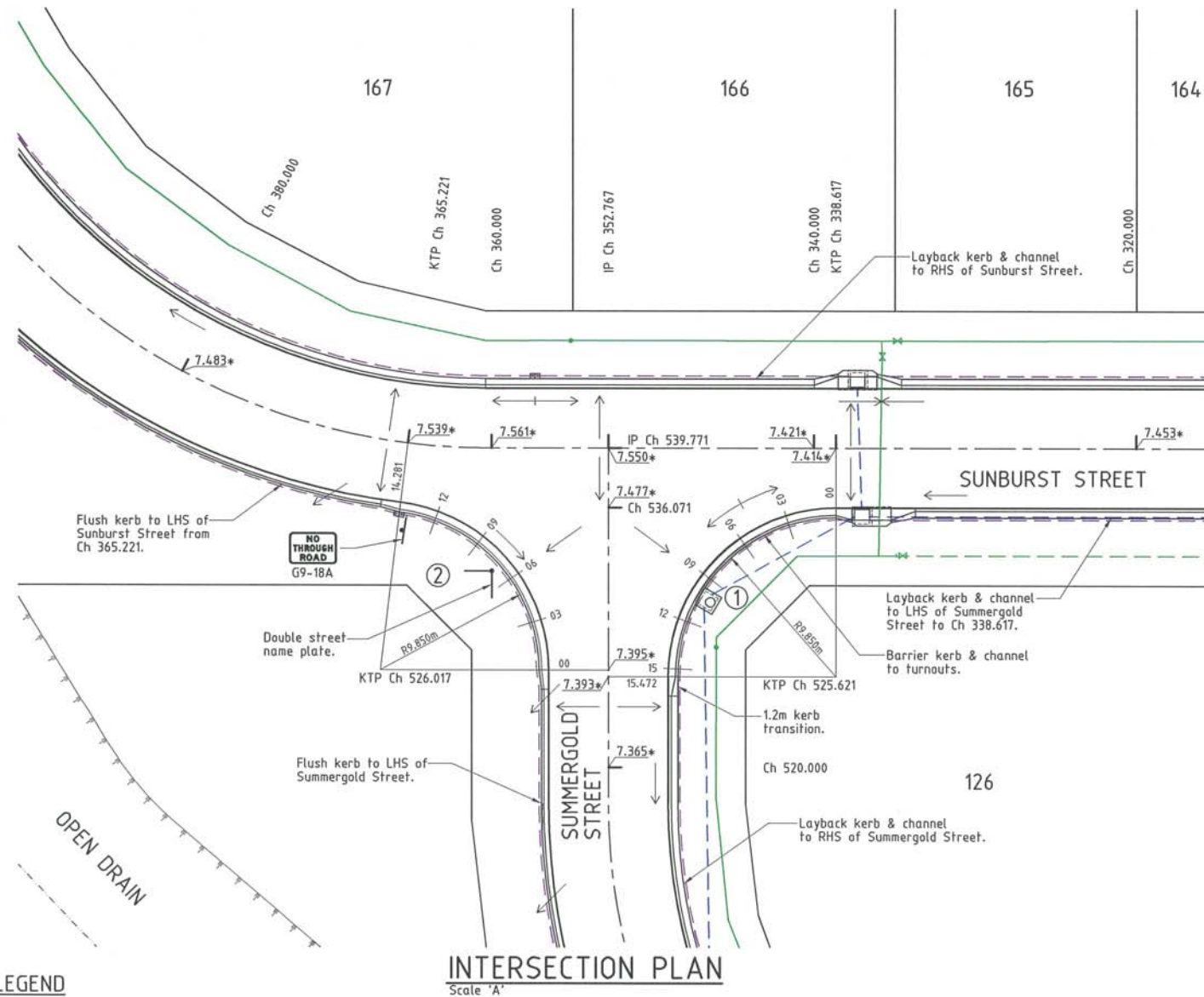
LEVEL DATUM A.H.D.  
 Horizontal Datum GDA '94 Zone 55  
 Refer P.M. 168932 RL. 7.875  
 Spike in concrete.  
 Cnr ATWOOD ST. & ELLENDALE ST.

Scale  
 0 1 2 3 4m  
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Issue	Description	Date
Drawn KJM	In Association With <b>BUSHLAND GROVE PTY LTD</b>	
Date 12/06/2012		
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Approved [Signature]		
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ROAD CROSS SECTIONS		
Drawing Number <b>TUR0807/7</b>		Issue <b>B</b>

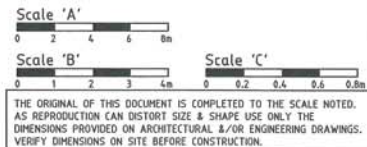


- LEGEND**
- 12.000\* - As constructed surface level.
  - Direction of fall.
  - Top of batter.
  - Toe of batter.
  - Stormwater drain line.
  - Subsoil drainage.
  - uPVC water main.
  - Poly water main.



REAL PROPERTY DESCRIPTION  
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 County of ELPHINSTONE  
 Summergold Street - Mount Low

LEVEL DATUM A.H.D.  
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 Refer P.M. 168932 RL. 7.875  
 Spike in concrete.  
 Cnr ATWOOD ST. & ELLENDALE ST.



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Indicates back of kerb. 5.000 7.437\*

DATUM RL. 6.500						
BACK OF KERB LEVELS	0.000	3.000	6.000	9.000	12.000	15.000
PEGGED CHAINAGE	0.000	3.000	6.000	9.000	12.000	15.000

**TURNOUT 1**  
 Scale 'B' - Horizontal  
 Scale 'C' - Vertical

Indicates back of kerb.

DATUM RL. 6.500						
BACK OF KERB LEVELS	0.000	3.000	6.000	9.000	12.000	15.000
PEGGED CHAINAGE	0.000	3.000	6.000	9.000	12.000	15.000

**TURNOUT 2**  
 Scale 'B' - Horizontal  
 Scale 'C' - Vertical

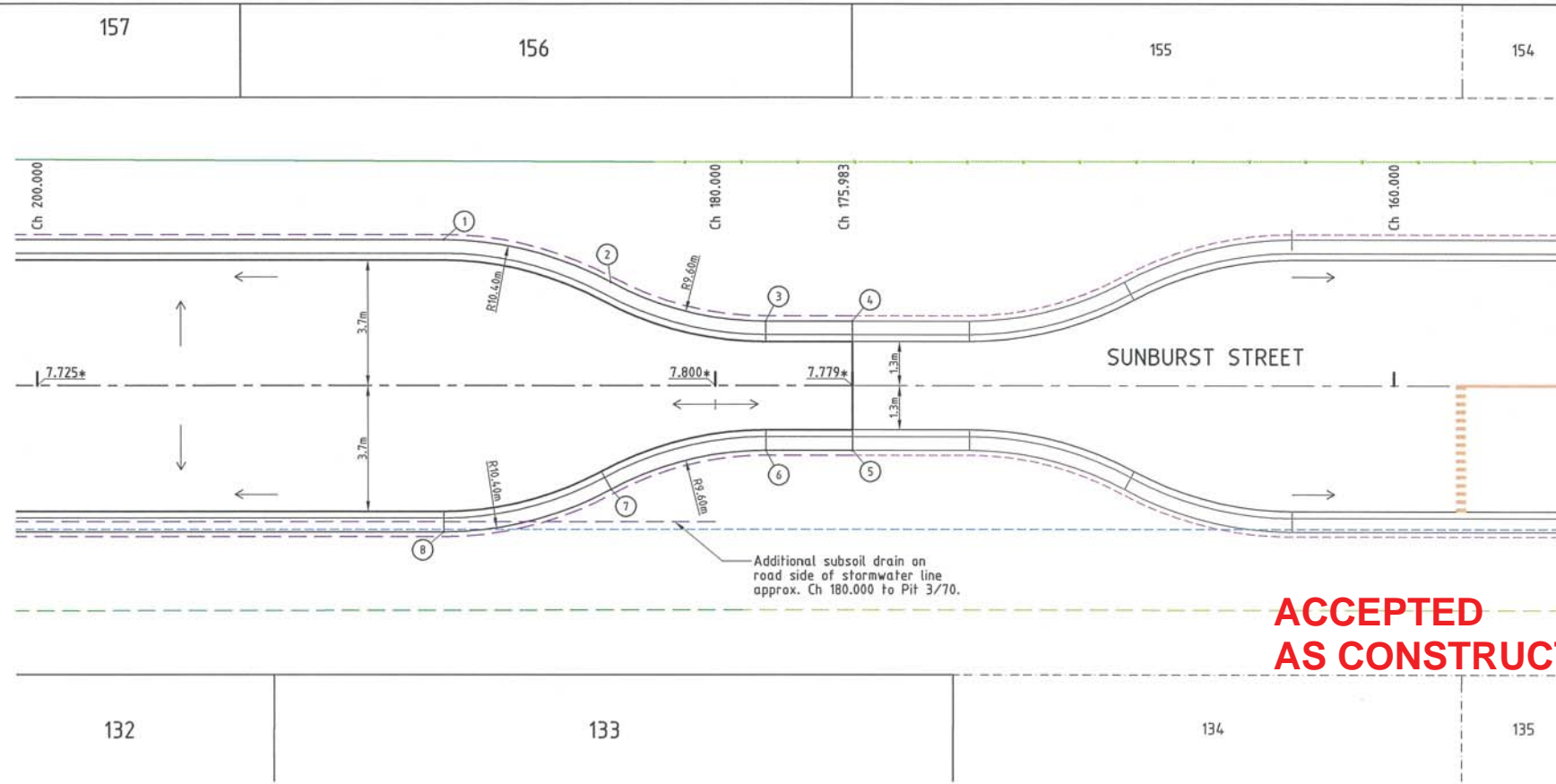
**ACCEPTED AS CONSTRUCTED**

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Laurence John Nolan  
 Director/Registered Surveyor  
 Date: 25/6/12

B	AMENDED TO AS CONSTRUCTED.	25/06/2012
A	ISSUED FOR CONSTRUCTION.	14/03/2013
P1	PRELIMINARY - NOT FOR CONSTRUCTION - ISSUED FOR OPERATIONAL WORKS APPROVAL.	12/06/2012
Issue	Description	Date
Drawn KJM	In Association With <b>BUSHLAND GROVE PTY LTD</b>	<b>INTERSECTION PLAN</b>
Date 12/06/2012	<b>BUSHLAND GROVE ESTATE STAGE 7, 20 ALLOTMENT RESIDENTIAL SUBDIVISION, SUMMERGOLD STREET, MOUNT LOW</b>	
Checked 	Drawing Number	Issue
Approved 	<b>TUR0807/8</b>	<b>B</b>
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SETOUT TABLE			
Point N°	Chainage	Offset Distance (Back of Kerb)	RL (back of K&C)
1	188.017	4.300m (R)	7.803m*
2	183.362	3.052m (R)	7.826m*
3	178.517	1.900m (R)	7.852m*
4	175.983	1.900m (R)	7.867m*
5	175.983	1.900m (L)	7.849m*
6	178.517	1.900m (L)	7.860m*
7	183.362	3.052m (L)	7.832m*
8	188.017	4.300m (L)	7.767m*



LEGEND	
12.000*	- As constructed surface level.
→	- Direction of fall.
---	- Stormwater drain line.
---	- Subsoil drainage.
---	- uPVC water main.
---	- Poly water main.
---	- Stormwater drain line.
---	- Subsoil drainage.
---	- Water main.
---	- Poly water main.

**ACCEPTED  
AS CONSTRUCTED**

**SLOW POINT PLAN**

**AS CONSTRUCTED**  
Rowlands Surveys Pty Ltd (ACN 010 025 260) hereby certify that the works detailed on this drawing, denoted \*, have been constructed to the dimensions and levels shown.

Signature: Laurence John Nolan  
Director/Registered Surveyor  
Date: 25/6/19

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REAL PROPERTY DESCRIPTION  
Lot 900 on SP241177  
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LEVEL DATUM A.H.D.  
Horizontal Datum GDA' 94 Zone 55  
Refer P.M. 16932 RL. 7.875  
Spike in concrete.  
Cnr ATWOOD ST. & ELLENDALE ST.



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Issue	Description	Date
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P1	PRELIMINARY - NOT FOR CONSTRUCTION - ISSUED FOR OPERATIONAL WORKS APPROVAL.	12/06/2012

Drawn KJM Date 12/06/2012	In Association With <b>BUSHLAND GROVE PTY LTD</b>	<b>SLOW POINT LAYOUT PLAN &amp; CONSTRUCTION DETAILS</b>
Checked [Signature] Approved [Signature]	<b>BUSHLAND GROVE ESTATE STAGE 7, 20 ALLOTMENT RESIDENTIAL SUBDIVISION, SUMMERSGOLD STREET, MOUNT LOW</b>	
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		Issue <b>B</b>