




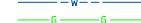





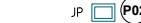




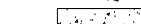




LEGEND

-  DESIGN SURFACE CONTOURS
-  PROPOSED STORMWATER DRAINAGE PIPE
-  EXISTING STORMWATER DRAINAGE PIPE & PIT
-  PROPOSED TELSTRA
-  PROPOSED POWER
-  PROPOSED WATER MAIN
-  PROPOSED GAS MAIN
-  PROPOSED SEWER MAIN - STAGE 4
-  PROPOSED TITLE BOUNDARY
-  PROPOSED EASEMENT
-  PROPOSED ROAD KERB & CHANNEL (BALLARAT TYPE BCC2)
-  PROPOSED ROAD CENTRELINE
-  PROPOSED JUNCTION PIT
-  PROPOSED SIDE ENTRY PIT
-  PROPOSED HOUSE DRAIN CONNECTION & PROPERTY INLET PIT (P) PIPE - (K) KERB
-  LOT NUMBER & DIRECTION OF NATURAL SURFACE FALL
-  PROPOSED FOOTPATH
-  EXTENT OF PROPOSED ROAD PAVEMENT
-  PROPOSED LINEMARKING

NOTE:
ALL CONDUIT TRENCHES UNDER ROAD PAVEMENT AND KERB AND CHANNEL SHALL BE BACKFILLED WITH 20mm NOM. SIZE CLASS 3 FCR.

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NOTE:
AGRICULTURAL DRAINS ARE TO BE LOCATED AT BACK OF KERB & CHANNEL, WITH THE EXCEPTION OF WHERE A STORMWATER PIPE IS TO BE LOCATED. REFER IDM STANDARD DRAWING SD 145

NOTE:
ALTERNATIVE PIPE MATERIAL CAN BE UTILISED PROVIDING THEY MEET THE REQUIRED LOAD, SPECIFICATIONS & AUTHORITY REQUIREMENTS.

NOTE:
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NOTE:
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NOTE:
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NOTE:
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NOTE:
TACTILE GROUND SURFACE INDICATORS FOR ALL PEDESTRIAN ROUTES TO BE INSTALLED TO AUSTRALIAN STANDARDS, DISABILITY DISCRIMINATION ACT, VICROADS AND CITY OF BALLARAT REQUIREMENTS.


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NOTE:
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NOTE:
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DESIGNED	S.LOTAY	DATE	JUNE 2019
DRAWN	J. HADFIELD	SCALE	AS SHOWN
SURVEY	TGM GROUP	SHEET SIZE	A1
CHECKED		APPROVED	
DATE		DATE	




TGM Group 1315 Sturt Street Ballarat Vic 3350 T 03 5330 8888 F 03 5333 3815 PO Box 5633W Ballarat West Vic 3350 ABN 11 125 568 461 www.tgmgroup.com		 Ballarat Melbourne Geelong JAS-ANZ Accredited Quality ISO 9001 - CH&S AS/NZS 4801 - Environment ISO 14001	
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CLIENT: 		PROJECT: LUCAS ESTATE RESIDENTIAL SUBDIVISION STAGE F4 (37 LOTS)	
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DRAWING TITLE: ROAD & DRAINAGE LAYOUT PLAN SHEET 3 OF 5		TGM REF. No: 18775-204	
SHEET: C04 21		REV: 02	

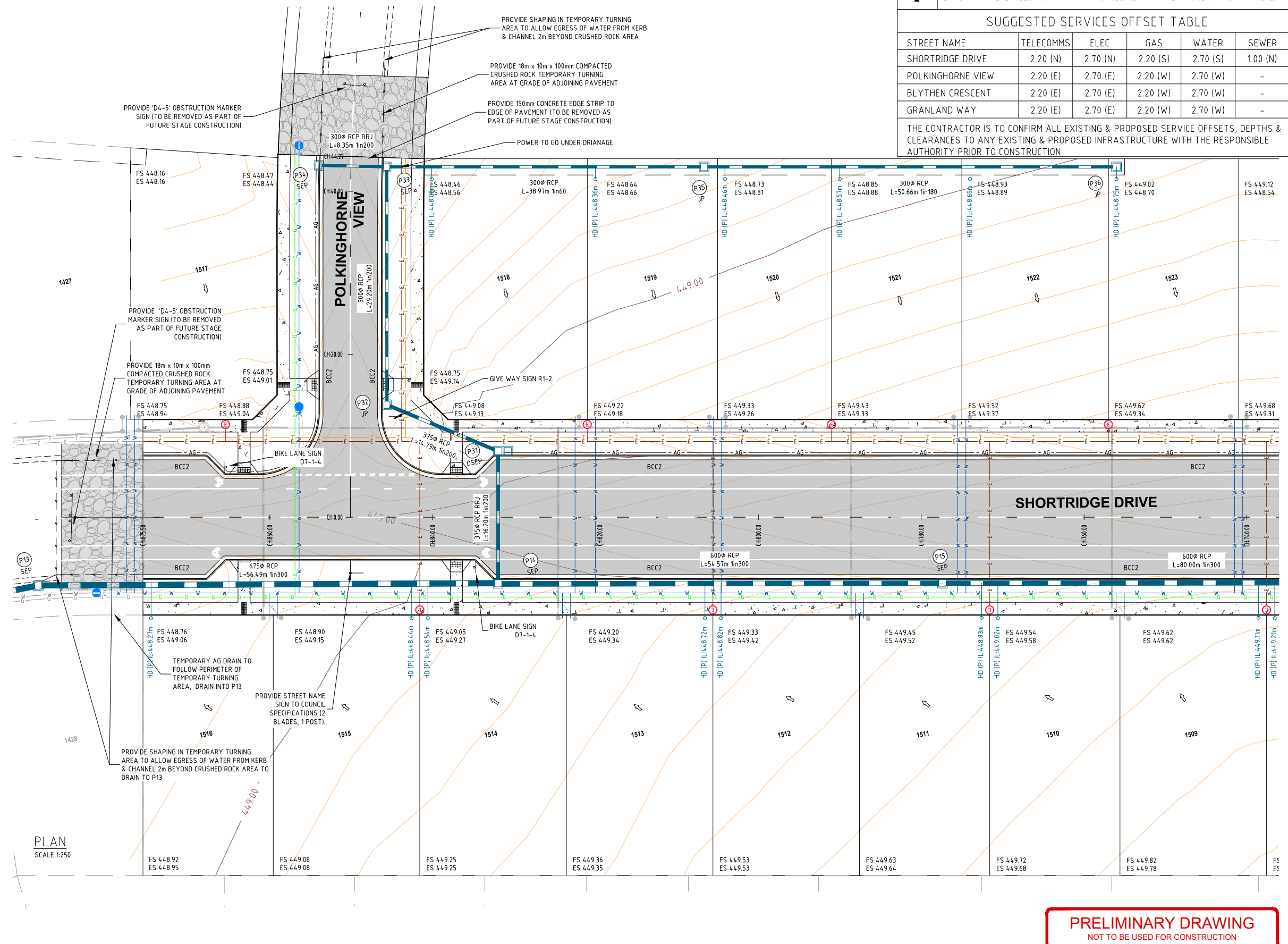
CIVIL DRAWING			
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PRELIMINARY DRAWING NOT TO BE USED FOR CONSTRUCTION			
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	TBM-2	E: 2443904.870	N: 19163757.505	RL: 446.610	"STAR-PICKET"
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SUGGESTED SERVICES OFFSET TABLE					
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- PROPOSED FOOTPATH
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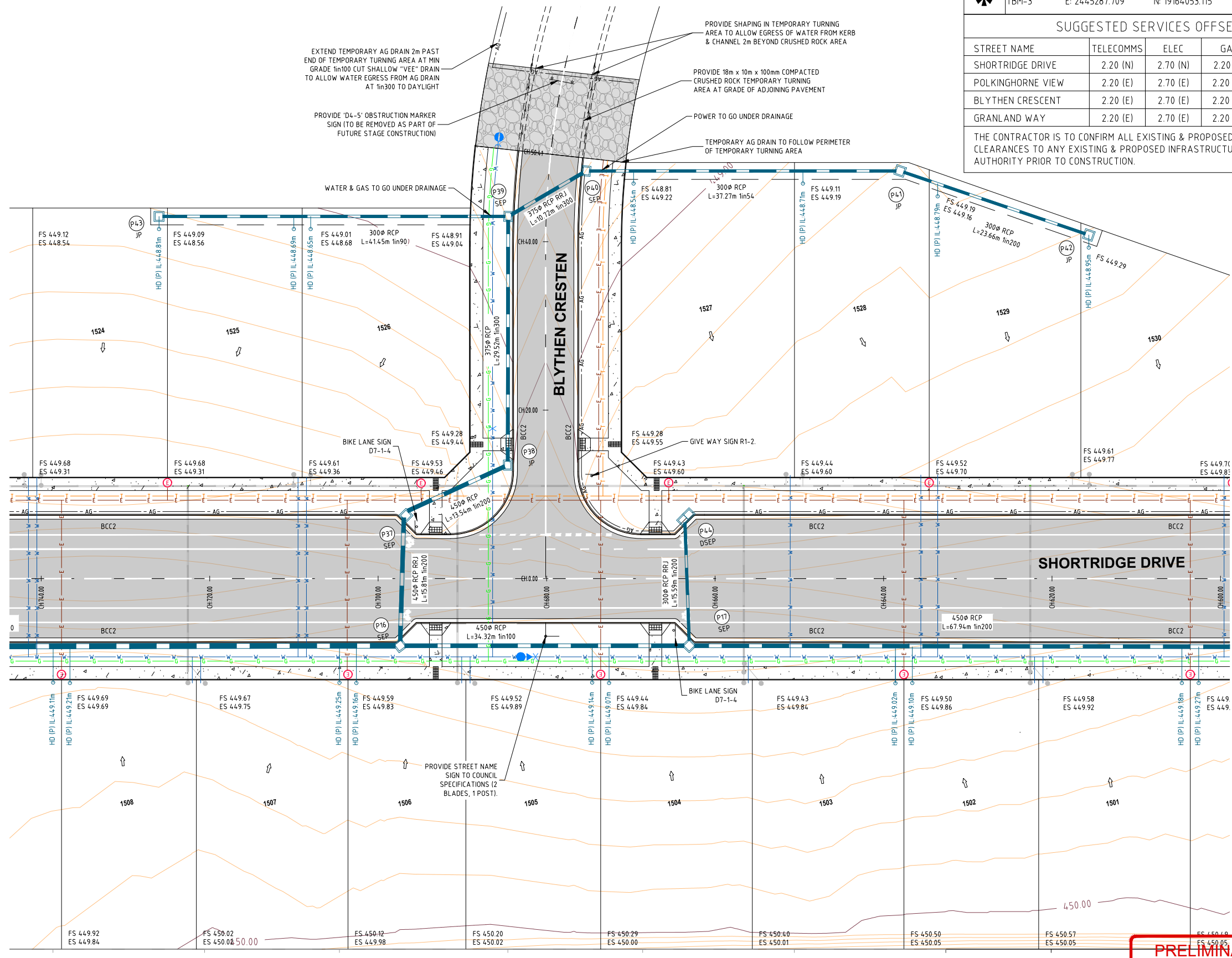
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PLAN
SCALE 1:250

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISSUE</th> <th>ISSUED FOR</th> <th>DATE</th> <th>DRAWN</th> <th>APPROVED</th> <th>ISSUE</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>PRELIMINARY - FOR COMMENTS</td> <td>17/06/19</td> <td>J.H.</td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>PRELIMINARY - FOR COMMENTS</td> <td>21/06/19</td> <td>J.H.</td> <td></td> <td></td> </tr> </tbody> </table>	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	01	PRELIMINARY - FOR COMMENTS	17/06/19	J.H.			02	PRELIMINARY - FOR COMMENTS	21/06/19	J.H.			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>ISSUED FOR</th> <th>DATE</th> <th>DRAWN</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ISSUED FOR	DATE	DRAWN	APPROVED					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED: S LOTAY</td> <td>DATE: JUNE 2019</td> </tr> <tr> <td>DRAWN: J. HADFIELD</td> <td>SCALE: AS SHOWN</td> </tr> <tr> <td>SURVEY: TGM GROUP</td> <td>SHEET SIZE: A1</td> </tr> <tr> <td>CHECKED:</td> <td>APPROVED:</td> </tr> <tr> <td>DATE:</td> <td>DATE:</td> </tr> </table>	DESIGNED: S LOTAY	DATE: JUNE 2019	DRAWN: J. HADFIELD	SCALE: AS SHOWN	SURVEY: TGM GROUP	SHEET SIZE: A1	CHECKED:	APPROVED:	DATE:	DATE:	<p style="text-align: center;"></p> <p style="text-align: center;"></p>	<p style="text-align: center;">LUCAS ESTATE RESIDENTIAL SUBDIVISION STAGE F4 (37 LOTS)</p>	<p style="text-align: center;">CIVIL DRAWING</p> <p style="text-align: center;">DRAWING TITLE: ROAD & DRAINAGE LAYOUT PLAN SHEET 4 OF 5</p> <p style="text-align: center;">TGM REF. No. 18775-204</p> <p style="text-align: center;">SHEET C05 21 OF 02</p>
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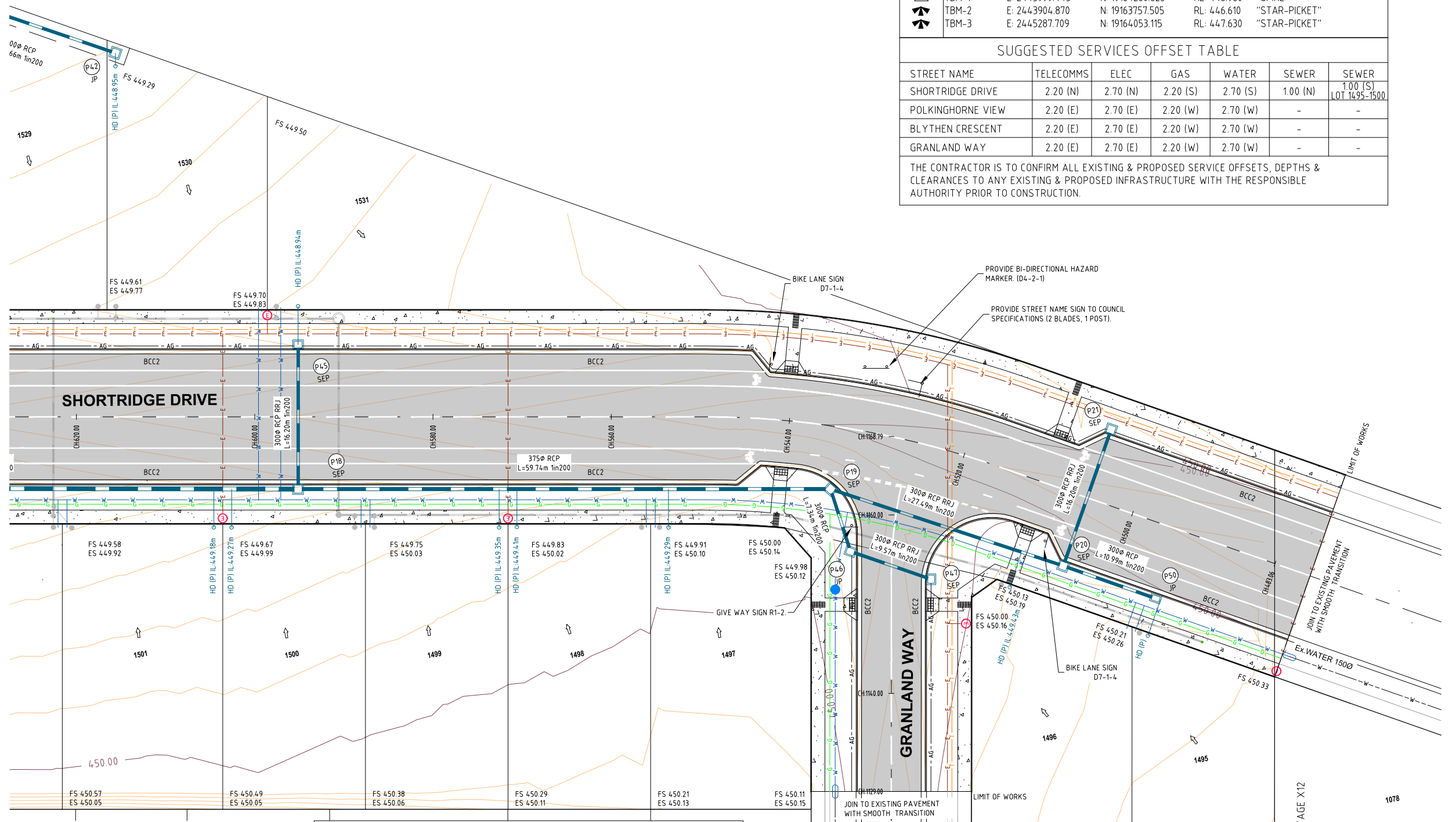
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CLIENT: **Integra**

PROJECT: **LUCAS ESTATE RESIDENTIAL SUBDIVISION STAGE F4 (37 LOTS)**

DRAWING TITLE: **ROAD & DRAINAGE LAYOUT PLAN SHEET 5 OF 5**

TGM Group
1315 Short Street
Ballarat Vic 3300
T: 03 5330 8888
F: 03 5333 3815
PO Box 563W
Ballarat West Vic 3350
ABN 11 125 568 461
www.tgmgroup.com
JAS-ANZ Accredited - Quality ISO 9001 - CH&S AS/NZS 4801 - Environment ISO 14001

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CIVIL DRAWING	
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