

NOTE:
 ANY USE OF THE ELECTRONIC DRAWINGS OR DATA PROVIDED BY TGM GROUP PTY LTD (TGM) SHALL BE USED AT THE USER'S RISK. NO RESPONSIBILITY WILL BE TAKEN BY TGM AS TO THE ACCURACY OF THE DIGITAL DRAWING OR DATA. ANY SET OUT WORKS UNDERTAKEN USING TGM DIGITAL DRAWINGS OR DATA SHOULD BE CHECKED AGAINST EXISTING TITLE PLANS, TEMPORARY AND/OR PERMANENT SURVEY MARKS AS NOMINATED BY THE PROJECT'S LICENSED SURVEYOR. THE SET-OUT INFORMATION PROVIDED ON ARCHITECTURAL AND/OR OTHER PROJECT RELATED DRAWINGS AND DOCUMENTS, IN CONJUNCTION WITH THE APPROVED HARD COPY DRAWINGS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

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 CITY OF BALLARAT STANDARD DRAWING SD-D2-1

NOTE:
 THE ORIENTATION OF ALL STORMWATER DRAINAGE ACCESS COVERS & GRATES ARE SHOWN INDICATIVELY AND ARE TO BE MANUFACTURED & INSTALLED IN ACCORDANCE WITH AS3996-2006.

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

NOTE:
 THE CONTRACTOR IS TO CONFIRM INVERT LEVELS OF THE EXISTING END PIPE AT EP01 PRIOR TO ANY DRAINAGE WORKS COMMENCING.

NOTE:
 ALL DRAINAGE OFFSET DIMENSIONS SHOWN ARE TO CENTRE LINE OF STORMWATER PIPE/PIT

NOTE:
 ALL DISTURBED SURFACES, FENCING & OTHER ITEMS TO BE RE-INSTATED TO ORIGINAL CONDITION.

NOTE:
 ALL KERB & CHANNEL IS CITY OF BALLARAT TYPE BCC2 UNLESS OTHERWISE NOTED.

ROAD & DRAINAGE LAYOUT
 SCALE 1:250

- LEGEND**
- DESIGN SURFACE CONTOURS
 - PROPOSED STORMWATER DRAINAGE PIPE
 - PROPOSED ADJOINING STORMWATER DRAINAGE PIPE
 - EXISTING KERB & CHANNEL
 - PROPOSED TITLE BOUNDARY
 - PROPOSED ROAD KERB & CHANNEL (NO. 2 BARRIER KERB)
 - PROPOSED ROAD CENTRELINE
 - PROPOSED SIDE ENTRY PIT
 - FALL
 - LOT NUMBER & DIRECTION OF SURFACE FALL
 - PROPOSED FOOTPATH
 - EXTENT OF PROPOSED ROAD PAVEMENT
 - TACTILE GROUND SURFACE INDICATORS (TGSIs) (WARNING / DIRECTIONAL) INSTALL IN ACCORDANCE WITH AS1428.4
 - FINISHED SURFACE LEVEL
 - EXISTING SURFACE LEVEL
 - PROPOSED HOUSE DRAIN CONNECTION & PROPERTY INLET PIT: (P) PIPE-(K) KERB
 - PROPOSED NBN ALIGNMENT
 - PROPOSED ADJOINING SEWER MAIN
 - PROPOSED SEWER MAIN ALIGNMENT
 - PROPOSED ADJOINING WATER MAIN
 - PROPOSED WATER MAIN ALIGNMENT

SUGGESTED SERVICES OFFSET TABLE

STREET NAME	TELECOM	ELEC. LV	ELEC. HV	GAS	WATER	SEWER
MARXSEN PARADE	6.9m (N)	6.3m (N)	-	6.8m (S)	6.1m (S)	1.0m (BOTH SIDES)

THE CONTRACTOR IS TO CONFIRM ALL EXISTING AND PROPOSED SERVICE OFFSETS AND CLEARANCES TO ANY EXISTING INFRASTRUCTURE WITH THE RESPONSIBLE AUTHORITY PRIOR TO CONSTRUCTION.

FOR CONSTRUCTION

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED	DATE
01	PRELIMINARY	17/06/16	M.A.		08	INFORMATION - REVISED DESIGN	01/12/17	M.A.		M. ANTON	JUNE 2016
02	PRELIMINARY	24/06/16	M.A.		09	INFORMATION - REVISED DESIGN	05/12/17	M.A.		M. ANTON	AS SHOWN
03	APPROVAL	08/07/16	L.D.		10	INFORMATION - REVISED DESIGN	22/12/17	C.B.		G. MANSELL	A1
04	APPROVAL	08/08/16	M.A.		11	APPROVAL	16/01/18	M.A.		D. TRIGG	
05	APPROVAL	29/08/16	M.A.		12	CONSTRUCTION	18/01/18	M.A.			
06	CONSTRUCTION	30/08/16	M.A.								08/07/16
07	CONSTRUCTION	03/04/17	C.B.								30/08/16

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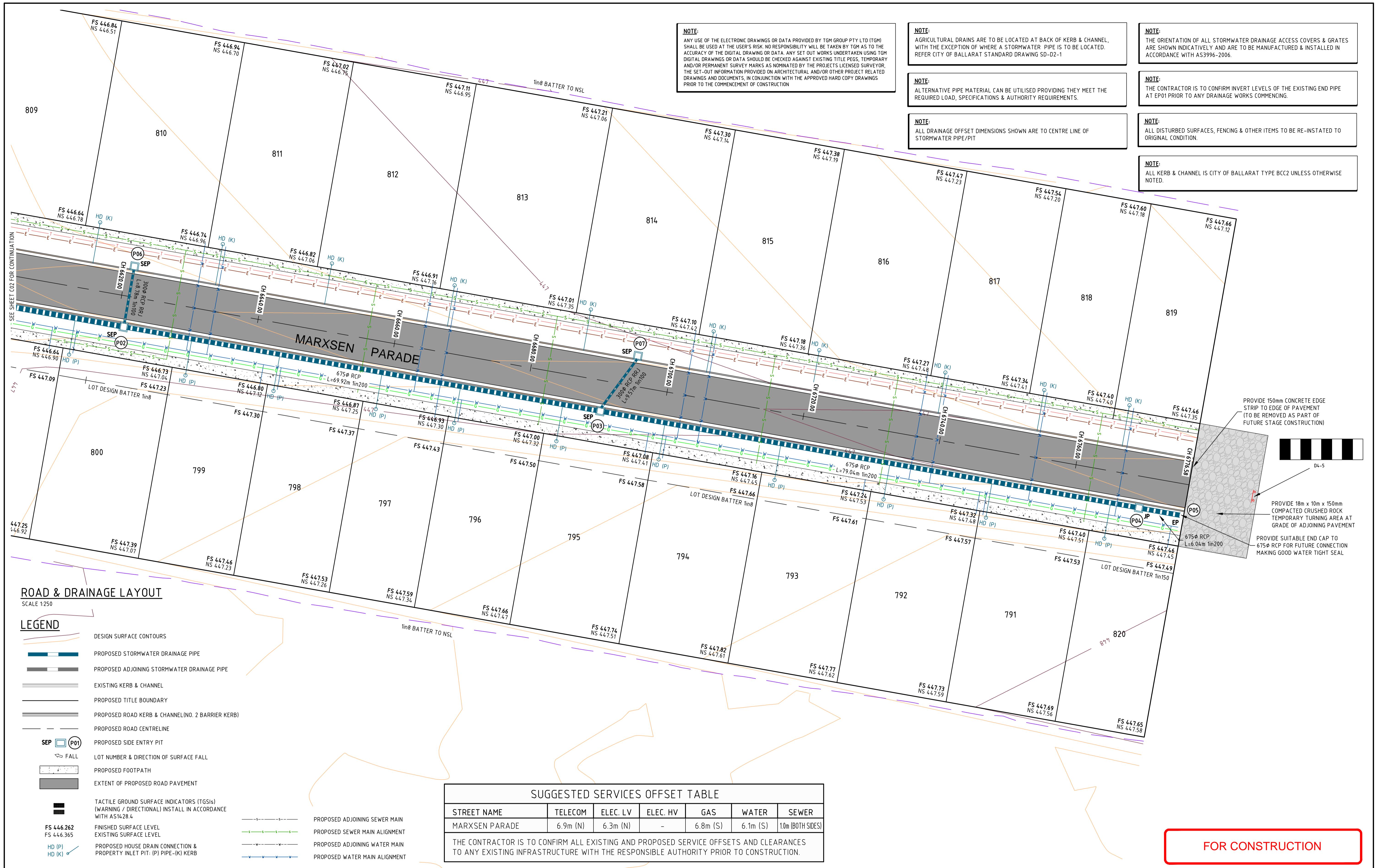
CLIENT: **Integra**

PROJECT: **Lucas**
 RESIDENTIAL SUBDIVISION
 STAGE C10

CIVIL DRAWING

DRAWING TITLE: **PROPOSED ROAD & DRAINAGE LAYOUT**
SHEET 1 OF 2

TGM REF. No: **15347-01** SHEET **C02** OF **6** REV. **12**



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NOTE:
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ROAD & DRAINAGE LAYOUT

SCALE 1:250

LEGEND

- DESIGN SURFACE CONTOURS
- PROPOSED STORMWATER DRAINAGE PIPE
- PROPOSED ADJOINING STORMWATER DRAINAGE PIPE
- EXISTING KERB & CHANNEL
- PROPOSED TITLE BOUNDARY
- PROPOSED ROAD KERB & CHANNEL (NO. 2 BARRIER KERB)
- PROPOSED ROAD CENTRELINE
- PROPOSED SIDE ENTRY PIT
- LOT NUMBER & DIRECTION OF SURFACE FALL
- PROPOSED FOOTPATH
- EXTENT OF PROPOSED ROAD PAVEMENT
- TACTILE GROUND SURFACE INDICATORS (TGSIs) (WARNING / DIRECTIONAL) INSTALL IN ACCORDANCE WITH AS1428.4
- PROPOSED ADJOINING SEWER MAIN
- PROPOSED SEWER MAIN ALIGNMENT
- PROPOSED ADJOINING WATER MAIN
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CLIENT:

Integra

PROJECT:

Lucas

RESIDENTIAL SUBDIVISION
 STAGE C10

CIVIL DRAWING

DRAWING TITLE:
PROPOSED ROAD & DRAINAGE LAYOUT
SHEET 2 OF 2

TGM REF. No. **15347-01**

SHEET **C03** OF **6** REV. **12**