



LEGEND - LINEWORK (Proposed)

- PROPOSED Ø150 SEWER MAIN & SEWER MANHOLE
- PROPOSED LAMPHOLE

LEGEND (Existing)

- ▨ ROAD PAVEMENT
- SITE BOUNDARY
- EXIST. SEWER & MANHOLE TO REMAIN
- X—X— SEWER MAIN TO BE REMOVED
- X—X— SEWER MAIN TO BE ABANDONED
- W— WATER MAIN
- D— DRAINAGE
- - - - - KERB & CHANNEL
- T— TELSTRA LINES AND PITS
- OHP— OVERHEAD POWER LINE
- E— UNDERGROUND ELECTRICAL CABLES
- PP POWER POLE
- 4.0— SURFACE CONTOURS

SEWERAGE NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT GLADSTONE REGIONAL COUNCIL SPECIFICATIONS AND STANDARDS.
2. UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
3. THE CONSTRUCTION OF THE SEWERAGE WORK SHOWN ON THIS DRAWING SHALL BE SUPERVISED BY AN ENGINEER WHO HAS RPEQ REGISTRATION.
4. ALL WORK ASSOCIATED WITH LIVE SEWERS OR MAINTENANCE HOLES SHALL BE CARRIED OUT BY COUNCIL AT THE DEVELOPER'S COST.
5. uPVC GRAVITY SEWERS SHALL BE S8 TO A.S. 1260. uPVC RISING MAINS SHALL BE CLASS 12 TO AS1477. DCL SEWERS SHALL BE CLASS K12 TO A.S. 2280 AND POLYETHYLENE SLEEVED.
6. EACH ALLOTMENT SHALL BE SERVED BY A 100mm DIAMETER PROPERTY CONNECTION. FOR ALLOTMENTS OTHER THAN SINGLE RESIDENTIAL, A 150mm DIAMETER PROPERTY CONNECTION SHALL BE PROVIDED.
7. O.B.'S SHALL BE LOCATED 1.2m FROM THE DOWNSTREAM ALIGNMENT. IF THIS IS NOT POSSIBLE, O.B.'S SHALL NOT BE GREATER THAN 3.5m FROM THE DOWNSTREAM ALIGNMENT.
8. PROPERTY CONNECTION BRANCHES SHALL BE INSTALLED IN ACCORDANCE WITH FNOROC STD DRG S3005.
9. WHERE PIPES ARE LAID IN FILL, THE FILLING SHALL BE CARRIED OUT IN LAYERS NOT EXCEEDING 300mm (LOOSE) IN DEPTH AND SHALL BE COMPACTED UNTIL THE COMPACTION IS NOT LESS THAN 95% OF THE MATERIALS MAXIMUM COMPACTION WHEN TESTED IN ACCORDANCE WITH A.S. 1289 (MODIFIED COMPACTION). TESTING SHALL BE CARRIED OUT AFTER EACH ALTERNATE LAYER. IN ALL SUCH CASES APPROVAL OF CONSTRUCTED SEWERS WILL NOT BE ISSUED BY THE COUNCIL UNLESS CERTIFICATES ARE PRODUCED CERTIFYING THAT THE REQUIRED COMPACTION HAS BEEN ACHIEVED.
10. WHERE SEWERS HAVE A GRADE OF 1 IN 6 OR STEEPER, BULKHEADS SHALL BE CONSTRUCTED. REFER GRC STD DRG'S FOR DETAILS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES BEFORE COMMENCING WORKS.

LAYOUT PLAN SCALE 1 : 250

DRAWING IN PROGRESS

EXISTING SERVICES
 NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ALL UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.

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D	28-02-11	SL	AMENDED SEWER LAYOUT	
C	25-02-11	SL	AMENDED SEWER LAYOUT	
B	09-02-11	WZ	AMENDED SEWER LAYOUT	
A	18-01-11	WZ	ORIGINAL ISSUE	

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The Association of Consulting Engineers Australia

Project: PROPOSED DEVELOPMENT
 21 LORD STREET
 GLADSTONE

Title: PROPOSED SEWERAGE LAYOUT PLAN

GLADSTONE REGIONAL COUNCIL

Client: The Quarter Back Group			
Draftsperson: SL	Checked: MJ	Sheet Size A1	Drawing No. C09063-CSK03
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