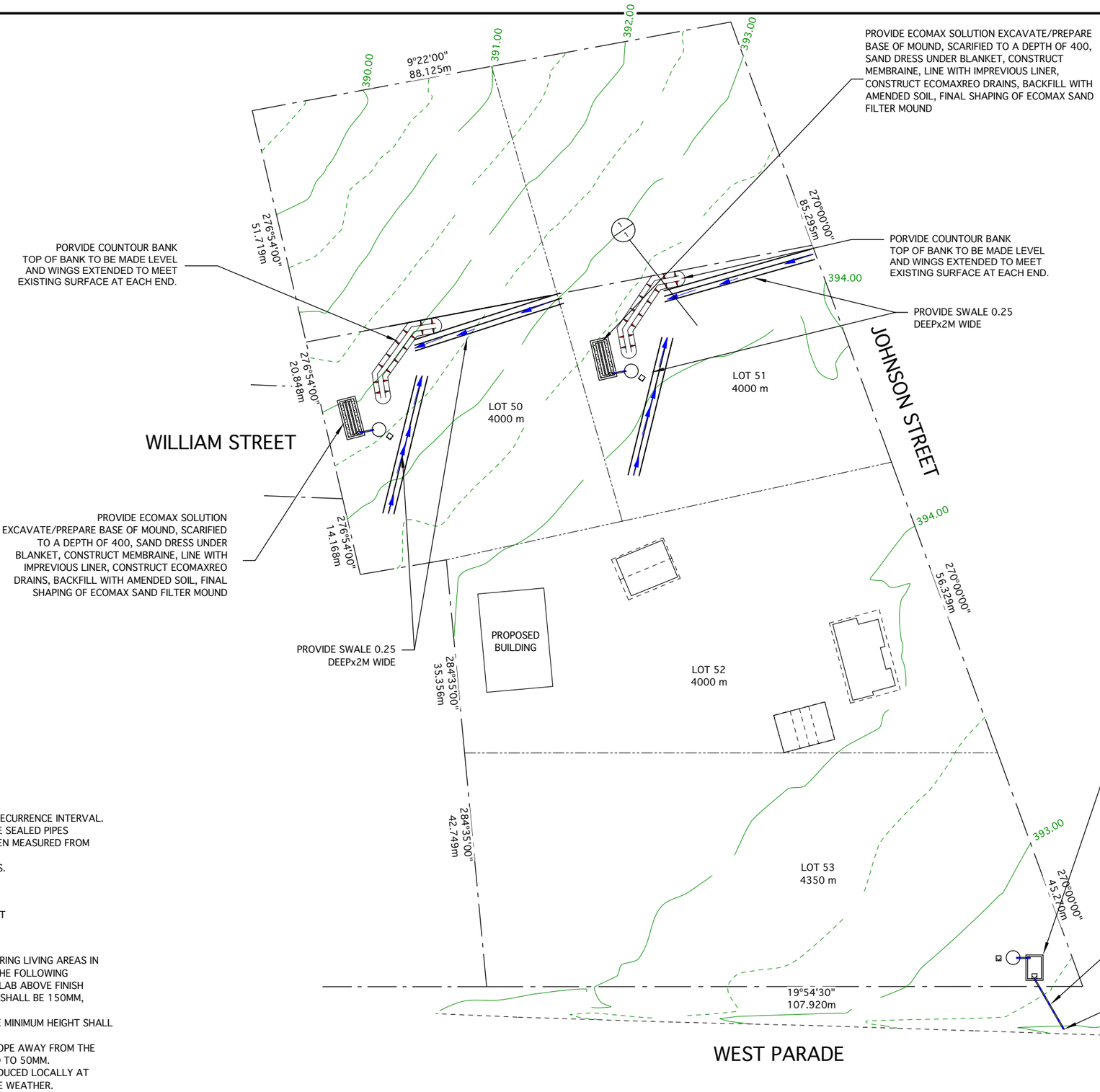
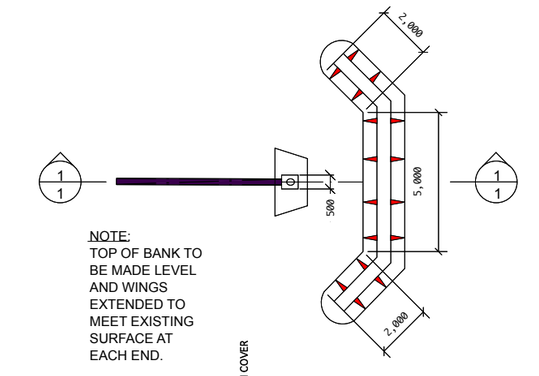
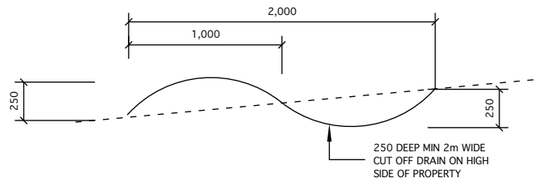
KEY:
CL= CONCRETE LEVEL
IL= INVERT LEVEL
TOK= TOP OF KERB
GL= GRATE LEVEL
I/O= INSPECTION OUTLET
DP= DOWN PIPE
DR= DROPER / RISER PIPE




COUNTOUR BANK DETAIL
NOT TO SCALE




CUT OFF DRAIN DETAIL (1/1)
SCALE 1:20
0.1m 0.3m 0.5m 0.7m 0.9m
0m 0.2m 0.4m 0.6m 0.8m 1m

DRAINAGE CONCEPT PLAN
SCALE
AT A1 - 1:400
AT A3 - 1:800
SCALE 0.5m 1.5m 2.5m 3.5m 4.5m
0m 1m 2m 3m 4m 5m

NOTE:
• THE ADVANCED ALTERNATIVE TERTIARY WASTEWATER EFFLUENT SYSTEM (ECOMAX) WILL NEED TO BE CONSTRUCTED IN ACCORDANCE WITH THE MANUFACTURER

NOTE:
• ALL FLOWS ARE FOR 10 YEAR ANNUAL RECURRENCE INTERVAL.
• ALL CHARGED PIPES TO BE SEWER GRADE SEALED PIPES
• ALL GRADES AND PIPE LENGTH HAVE BEEN MEASURED FROM THE CENTRE OF EACH PIT.
• LEVELS TAKE PRECEDENCE OVER GRADES.

NOTE:
- LOCATION OF SERVICES TO BE CHECKED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

SURFACE DRAINAGE NOTES.
THE POSSIBILITY OF SURFACE WATER ENTERING LIVING AREAS IN CLASS 1 BUILDINGS MAY BE REDUCED BY THE FOLLOWING MEASURES. THE MINIMUM HEIGHT OF THE SLAB ABOVE FINISH GROUND, LANDSCAPING OR PAVING LEVEL SHALL BE 150MM, EXCEPT IN THE FOLLOW CASES:
a) IN SANDY, WELL-DRAINING AREA THE MINIMUM HEIGHT SHALL BE 100MM.
b) WHERE ADJOINING PAVED AREAS SLOPE AWAY FROM THE BUILDING THESE HEIGHTS CAN BE REDUCED TO 50MM.
c) THESE HEIGHTS MAY BE FURTHER REDUCED LOCALLY AT ENTRANCES THAT ARE SHIELDED FROM THE WEATHER.

| AMEND | DATE | DESCRIPTION | DRAWN |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| B | 08/10/18 | MINOR CHANGES TO THIS PAGE | AR |

GENERAL NOTES:
- DO NOT SCALE
- GRADES INDICATIVE ONLY, LEVELS TO TAKE PRECEDENCE OVER GRADES.
- LEVELS MAY VARY WITH FINAL DETAIL DESIGN.
- ALL DIMENSIONS ARE IN MM UNLESS SHOWN OTHERWISE.
- THE BUILDER IS TO CHECK ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.
- ALL WORK IS TO BE IN ACCORDANCE WITH AUSTRALIAN CODES AND COUNCIL REGULATIONS.

IE Aust
**David Turner**
MIEAust CPEng
Chartered Professional Engineer
Membership No. 47157
The Institution of Engineers, Australia

CERTIFICATION.
DESIGNED IN ACCORDANCE WITH RELEVANT AUST CODES
D. TURNER.B.E.(MIEA) CPENG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PH (02) 4647 4014
engineer@dmceng.com.au


PROJECT:- PROPOSED DEVELOPMENT
CLIENT:- JOANNE TAPP TOWN PLANNING
ADDRESS:- 600 WEST PARADE, BUXTON
DRAWN AR
CHECKED DLT
DATE 08/10/18
SCALE AS SHOWN
SHEET C1
DWG No 170545

11:18 AM 10/10/18