

**Mail**

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**From:** "Danny Rose" <DRose@tweed.nsw.gov.au>  
**To:** <mail@claconsultants.com.au>  
**Sent:** 02 December 2008 09:06  
**Subject:** MP08-0034 Uriup Road, Bilambil

Campbell,

As discussed, I provide the following advice in relation to the subject subdivision proposal:

Lawful Point of Discharge

The Tweed DCP Section A5 - Subdivision Manual defines lawful point of discharge for stormwater as:

**Drainage**

**Lawful point of discharge**

- Stormwater runoff and drainage must only be discharged from a subdivision at a "lawful point of discharge". This must be on or immediately adjacent to the development site and may be:
  - a natural watercourse or waterway to which the development site naturally drains;
  - a "lawful point of discharge" agreed to by Council (ie an existing constructed public drain).
- where no acceptable point of discharge presently exists, the subdivider must:
  - acquire and dedicate to Council connecting reserves or easements that provide legal continuity from the development site to an offsite legal point of discharge in a natural watercourse or waterway or suitable (appropriate location, size/capacity) public drain;
  - construct the necessary connecting drainage works.

I consider that Bilambil Creek meets the above criteria as a lawful point of discharge.

Regards  
Danny Rose  
Acting Planning & Infrastructure Engineer  
TWEED SHIRE COUNCIL  
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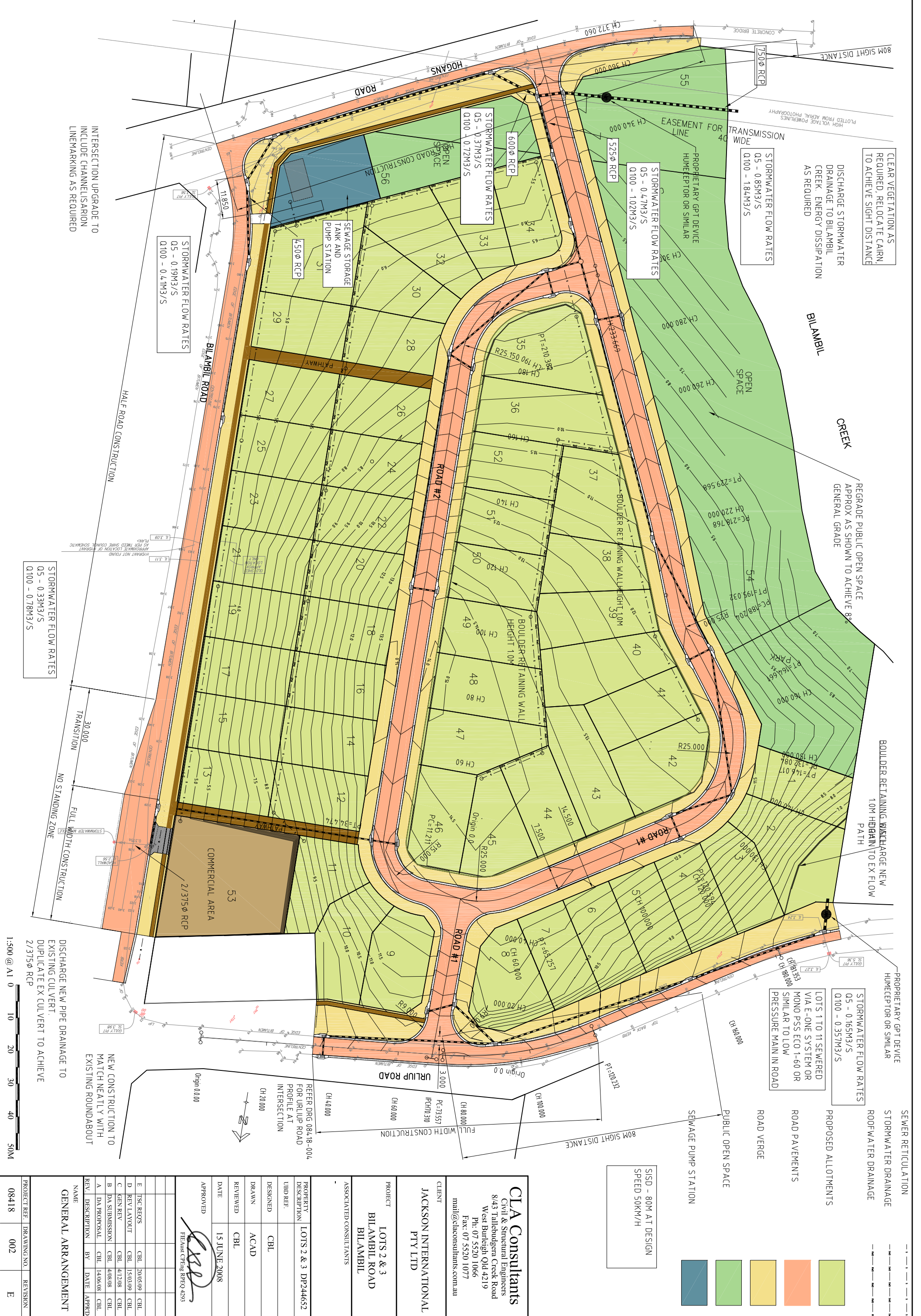
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[www.tweed.nsw.gov.au](http://www.tweed.nsw.gov.au)

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CLEAR VEGETATION AS REQUIRED, RELOCATE CARIN TO ACHIEVE SIGHT DISTANCE

DISCHARGE STORMWATER DRAINAGE TO BILAMBIL CREEK. ENERGY DISSIPATION AS REQUIRED

STORMWATER FLOW RATES  
0.5 - 0.85M<sup>3</sup>/S  
0.100 - 1.84M<sup>3</sup>/S

STORMWATER FLOW RATES  
0.5 - 0.47M<sup>3</sup>/S  
0.100 - 1.02M<sup>3</sup>/S

STORMWATER FLOW RATES  
0.5 - 0.37M<sup>3</sup>/S  
0.100 - 0.72M<sup>3</sup>/S

STORMWATER FLOW RATES  
0.5 - 0.19M<sup>3</sup>/S  
0.100 - 0.41M<sup>3</sup>/S

STORMWATER FLOW RATES  
0.5 - 0.33M<sup>3</sup>/S  
0.100 - 0.78M<sup>3</sup>/S

REGRADE PUBLIC OPEN SPACE APPROX AS SHOWN TO ACHIEVE 8% GENERAL GRADE

BOULDER RETAINING WALL/CHARGE NEW 1.0M HEADRAIN TO EX FLOW PATH

LOTS 1 TO 11 SEWERED VIA E-ONE SYSTEM OR MONO PSS ECO 1-60 OR SIMILAR TO LOW PRESSURE MAIN IN ROAD

STORMWATER FLOW RATES  
0.5 - 0.165M<sup>3</sup>/S  
0.100 - 0.357M<sup>3</sup>/S

SEWER RETICULATION  
STORMWATER DRAINAGE  
ROOF-WATER DRAINAGE

PROPOSED ALLOTMENTS

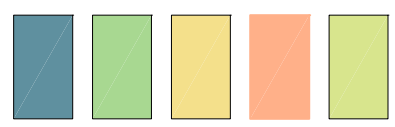
ROAD PAVEMENTS

ROAD VERGE

PUBLIC OPEN SPACE

SEWAGE PUMP STATION

SISD - 80M AT DESIGN  
SPEED 50KM/H



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CLIENT  
**JACKSON INTERNATIONAL PTY LTD**

PROJECT  
**LOTS 2 & 3 BILAMBIL ROAD BILAMBIL**

ASSOCIATED CONSULTANTS

PROPERTY DESCRIPTION  
**LOTS 2 & 3 DP244652**

DESIGNED  
**CBL**

DRAWN  
**ACAD**

REVIEWED  
**CBL**

DATE  
**15 JUNE 2008**

APPROVED  
*[Signature]*  
PLEASEST/Ching\_RPFG/4293

NAME	DESCRIPTION	BY	DATE	APPRD
A	DA PROPOSAL	CBL	14/06/08	CBL
B	DA SUBMISSION	CBL	4/08/08	CBL
C	GEN REV	CBL	4/12/08	CBL
D	REV LAYOUT	CBL	15/03/09	CBL
E	TSC REQS	CBL	20/05/09	CBL

PROJECT REF.	DRAWING NO.	REVISION
08418	002	E

INTERSECTION UPGRADE TO INCLUDE CHANNELISARION LINEMARKING AS REQUIRED

DISCHARGE NEW PIPE DRAINAGE TO EXISTING CULVERT. DUPLICATE EX CULVERT TO ACHIEVE 2/375 RCP

NEW CONSTRUCTION TO MATCH NEATLY WITH EXISTING ROUNDABOUT

REFER DRG 08418-004 FOR URULUP ROAD PROFILE AT INTERSECTION

