**BPD Ref: 11139** 13 December 2024



Assem Labib
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Dear Assem,

## Re: 2 Collegium Ave, Wheelers Hill

Further to our discussion, the broad drainage proposal to service the development of the site at 2 Collegium Ave in Wheelers Hill is detailed below and shown on the attached plans.

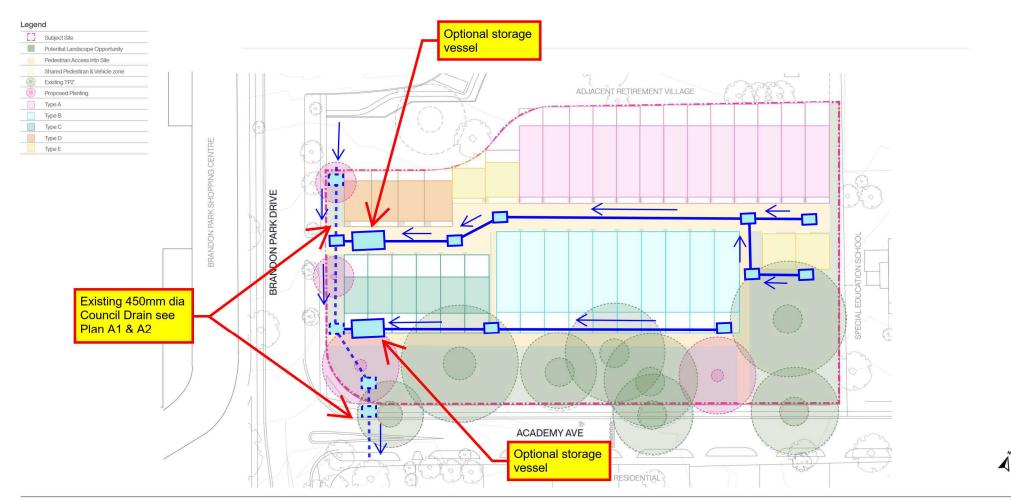
- The site has a gentle fall to the Southwest generally towards the intersection of Brandon Park Drive / Academy Avenue.
- Internal pipes will connect to the existing drainage pit at the corner of Brandon Park Drive and Academy Avenue, Council maps indicated that the pipes immediately downstream of this pit are 375mm dia – 450mm dia and 1050mm dia. It is however noted that the feature survey indicates that existing 450mm dia pipes are located within the Western boundary of the site that are proposed to be utilised.
- Internal pipes within the proposed development will be sized to cater for the expected 5yr developed flows, all proposed dwellings will be provided a connection point at an appropriate location.
- Underground storage to be provided to manage the increase in runoff generated by the
  development of the site and an associated increase in the hardstand areas and roofs etc.
   Detailed design will determine the best configuration of this storage. 2 locations are proposed
  and are expected to utilise oversized pipes or similar.
- The proposed site layout appears to have appropriate land set aside to accommodate the required assets.

Please don't hesitate to call to discuss as needed.

Kind regards,

Darren Barker Director 12/13/24, 12:42 PM PDF.js viewer

## Proposed Scheme



ROTHELOWMAN

2 Collegium AvenueWheelers HillDrainage Strategy Plan



**Sequence No: 242910731** Job No: 37298327

8 Academy Avenue, Wheelers Hill, VIC 3150



