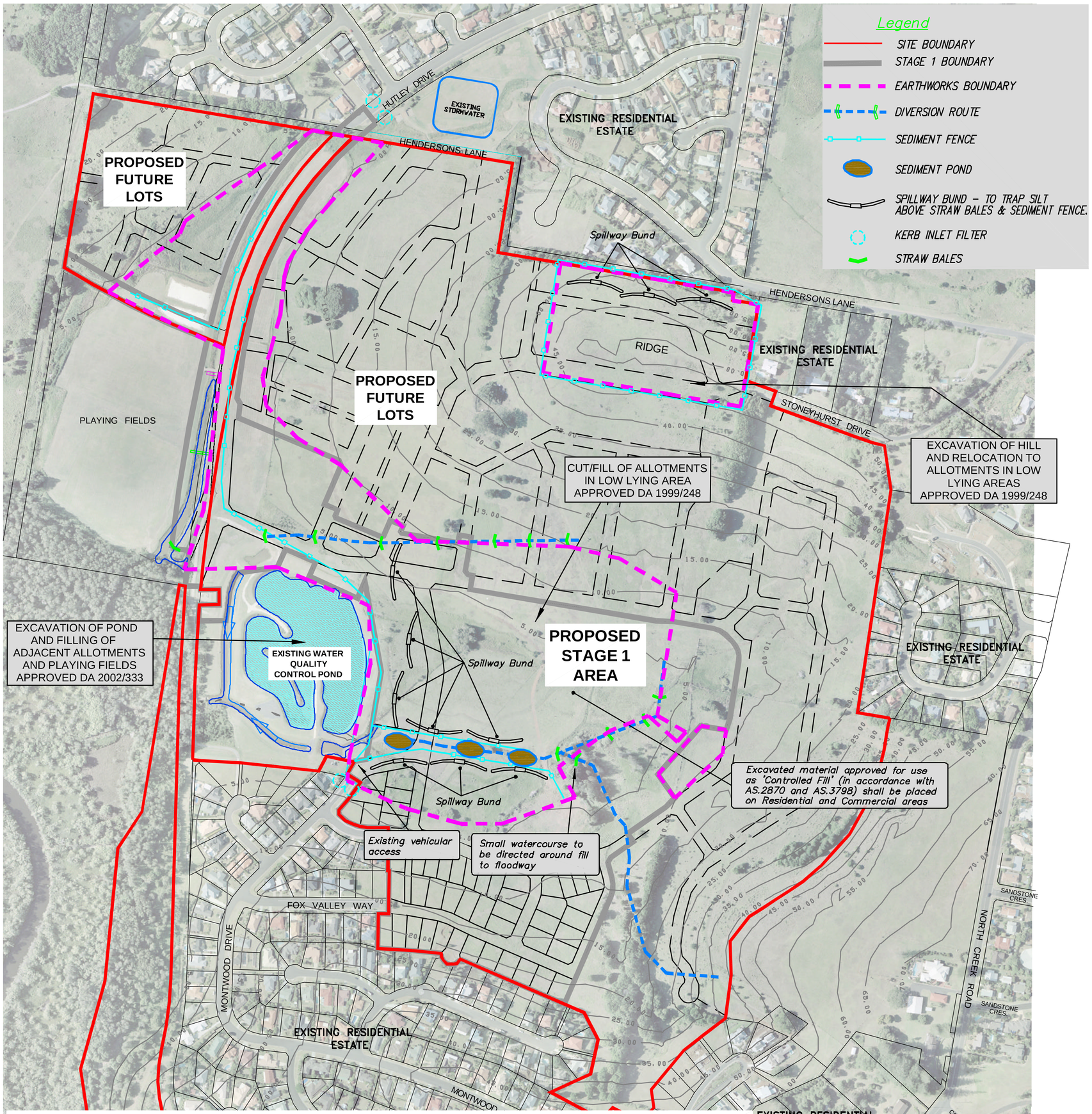

Notes – Erosion and Sedimentation Control

1. All erosion and sedimentation controls shall be in accordance with the guidelines and specifications as detailed in the Department of Housing's 'Managing Urban Stormwater: Soils and Construction' and the EPA's 'Managing Urban Stormwater' series.
2. Construction shall be phased so that land disturbance is confined to areas of workable size. This will limit the duration disturbed areas are exposed to erosion. Stabilisation shall be applied to the first disturbed area before the next section is opened up. Any disturbed areas that will not be stabilised within 30 days shall be revegetated and any that fail to establish shall be resown.
3. Topsoil stockpiles are to be located away from any natural drainage watercourse and are to have hay bales and/or silt stop sediment control fences placed around them to act as sedimentation controls.
4. Temporary earthen diversion drains are to be constructed to divert waters away from all disturbed areas and towards haye bale check dams located in natural drainage depressions.
Temporary sediment detention barriers are to be placed around outlet headwalls and drainage discharge points as detailed and permanent energy dissapators are to be installed at all outlets as shown to limit velocities and thus the potential for scouring. With all drainage outlets, all waters are to be released in a non-erodible manner. Temporary sediment traps are to be constructed at all drainage inlet points as detailed.
5. Sediment and debris are to be removed from detention barriers when they are 60% full. All the sediment removed shall be disposed of as directed by the Supervising Engineer.
6. Upon completion of shaping and drainage works, batters and drainage lines shall be topsoiled to a minimum depth of 100mm with stockpiled material and any areas with insufficient grass/topsoil mix are to be seeded and mulched with any failed areas resown or revegetated as directed by the Supervising Engineer. A 400mm wide turf strip shall be installed next to all kerb and gutter, or kerb, to stabilise the interface between kerb and footpath.
7. Temporary erosion and sedimentation controls are to be installed during the construction phase and shall be retained and maintained while disturbed areas remain or are contributing sediment to the stormwater system. No device shall be removed until directed by the Supervising Engineer.

PACIFIC PINES ESTATE
LENNOX HEAD

ILLUSTRATION P7 STAGE 1 EROSION & SEDIMENT CONTROL PLAN

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