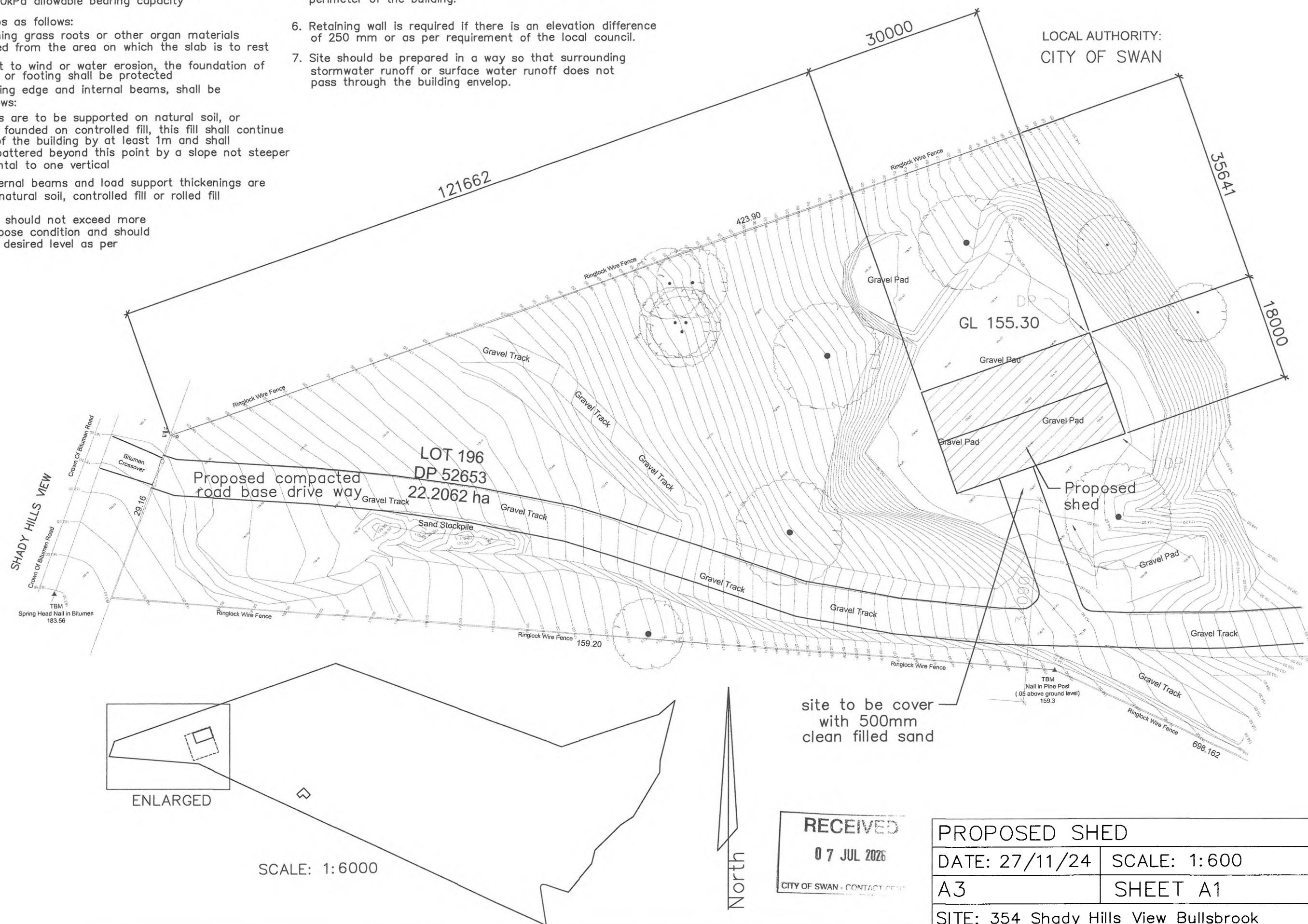
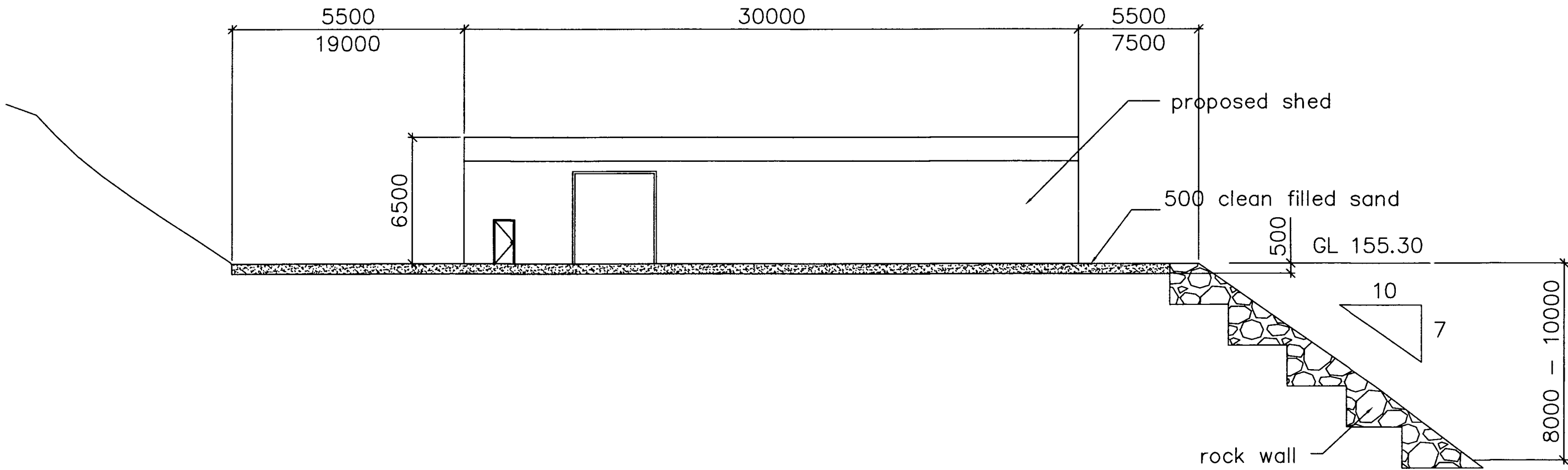


1. The site has been inspected and classified as site class 'S' in accordance with the provisions of AS 2870-2011
2. The slab and footing system has been designed in accordance with engineering principles suitable for site classification 'S' and a minimum 100kPa allowable bearing capacity
3. Foundation for slabs as follows:
 - (a) Top soil containing grass roots or other organic materials shall be removed from the area on which the slab is to rest
 - (b) On sites subject to wind or water erosion, the foundation of the edge beam or footing shall be protected
 - (c) The slab, including edge and internal beams, shall be founded as follows:
 - (i) Slab edge beams are to be supported on natural soil, or controlled fill. If founded on controlled fill, this fill shall continue past the edge of the building by at least 1m and shall be retained or battered beyond this point by a slope not steeper than two horizontal to one vertical
 - (ii) Slab panels, internal beams and load support thickenings are to be founded on natural soil, controlled fill or rolled fill
4. Backfilling material should not exceed more than 300 mm in loose condition and should be compacted to a desired level as per AS 3798-2007.

5. Import and place a minimum 500mm deep, clean sharp sand pad free of deleterious materials compacted to achieve a minimum 7 blows per 300mm increment depth using a standard Perth sand penetrometer test. Pad to extend a min, 1000mm beyond perimeter of the building.
6. Retaining wall is required if there is an elevation difference of 250 mm or as per requirement of the local council.
7. Site should be prepared in a way so that surrounding stormwater runoff or surface water runoff does not pass through the building envelop.



as per recommendation by Local Geotechnics
Before laying foundation, compact the site
up to 1050 mm depth to a dense condition
as per AS 3798-2007.
PSP seating for 0-150 mm, 8 PSP blows
for 150-450 mm, 9 PSP blows for
450-750 mm and 10 PSP blows for
750-1050 mm and 10 PSP blows for every
300 mm of penetration. However, this site
has required compaction at the base.



PROPOSED SHED	
DATE: 27/11/24	SCALE: 1:200
A3	SHEET A2
SITE: 354 Shady Hills View Bullsbrook	

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