

Kwoorabup Native Tree Nursery Proposal



The Wilson Inlet Catchment Committee (WICC) is wanting to partner with the Shire of Denmark (SoD) to build a universal access community native tree nursery in Denmark, WA. The Kwoorabup Native Tree Nursery would grow 300,000 local provenance seedlings per year. It will be a 'classroom' for the adjacent schools to become involved, inspiring the next generation of land carers. All ages and abilities will be able to access and participate. It will be managed by WICC on SoD land using local volunteers. All seed will be sourced by local Aboriginal ranger groups whom we have been training in seed collection.

The Need:

Hands down, planting trees is the single most important thing we can do for the environment. Conservation of native animals, climate change, waterway health, erosion control, drought tolerance, salinity control, farm productivity, pollinators and more rely largely on the planting of trees. There is a huge volume of research that has linked the benefits to mental health and trees. Native trees whose seed comes from the local area (local provenance) are the gold standard.

Unfortunately, southwest of WA is losing native tree nurseries and skilled seed collectors at such a rate that we can no longer address the needs of today, let alone tomorrow. Of the 39 native tree nurseries that established the WA Farm Tree Nurseries in the 1980's, only five are still operational. This trend continues. In 2021, Habitat Tree Farm in Denmark closed

following the passing of one of its long-time owners. WICC purchased their equipment which is being stored at the Shire Depot. The Shire nursery is not suitable for the community to access and has fallen into a state of disrepair. It is of insufficient size to grow what we need to plant. Our most two experienced seed collectors retired last year and this year. We now are now accessing seedlings from Albany that are not local provenance.

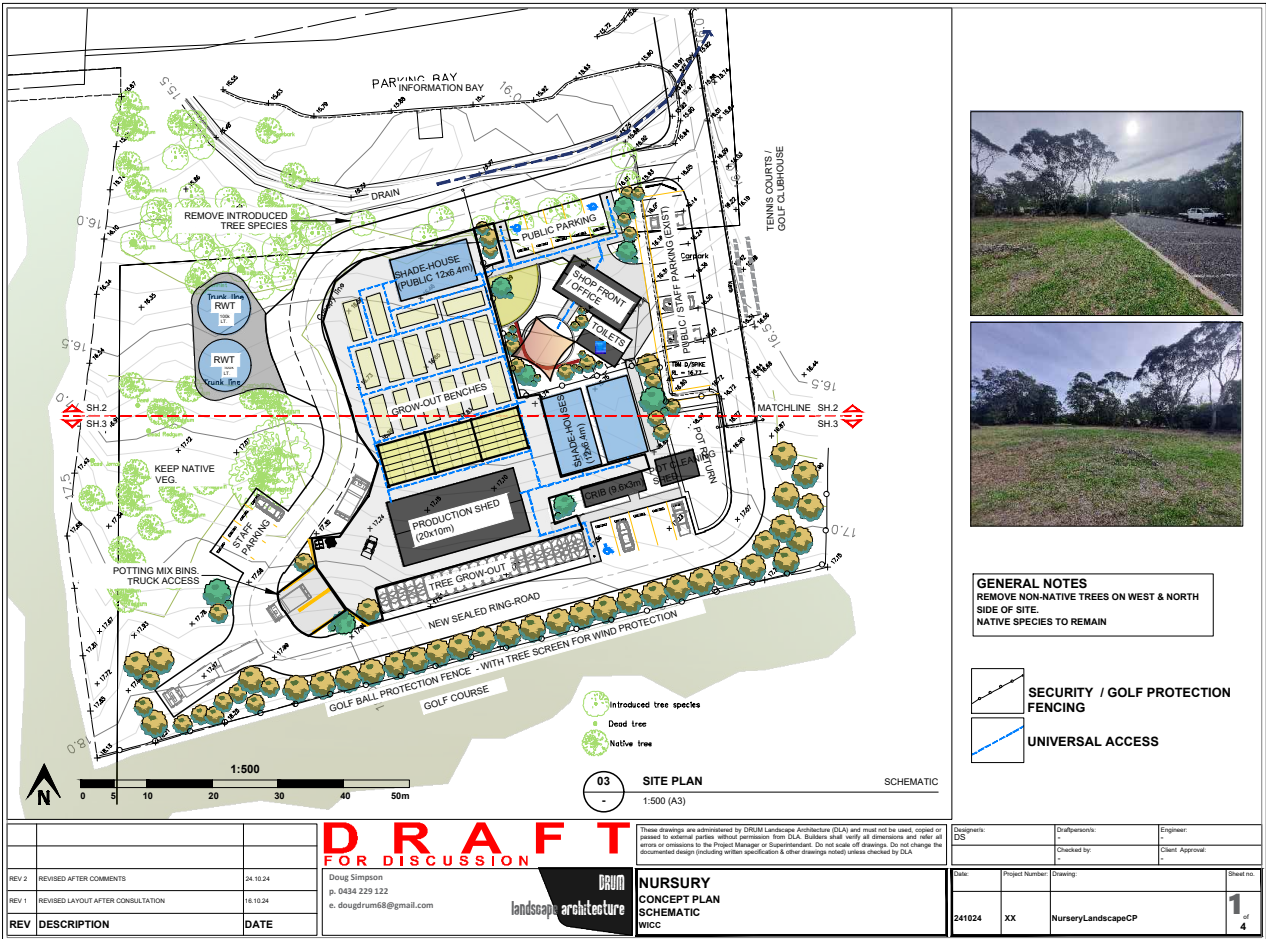


Figure 1-Draft concept plan for nursery

Our Proposal

We will build a community native tree nursery in the heart of Denmark. This universal access nursery will be adjacent to Denmark High School, The WA College of Agriculture and the Denmark TAFE, along with three primary schools within a 3km radius. All of these schools are very keen to partner with WICC and use the nursery in the delivery of their curriculum. Student can become involved in all aspects of growing trees. The nursery will feature an outdoor and indoor classroom. We want to inspire and resource the next generation to be able to grow native trees. This will include apprenticeship opportunities for students that demonstrate a passion and competence.

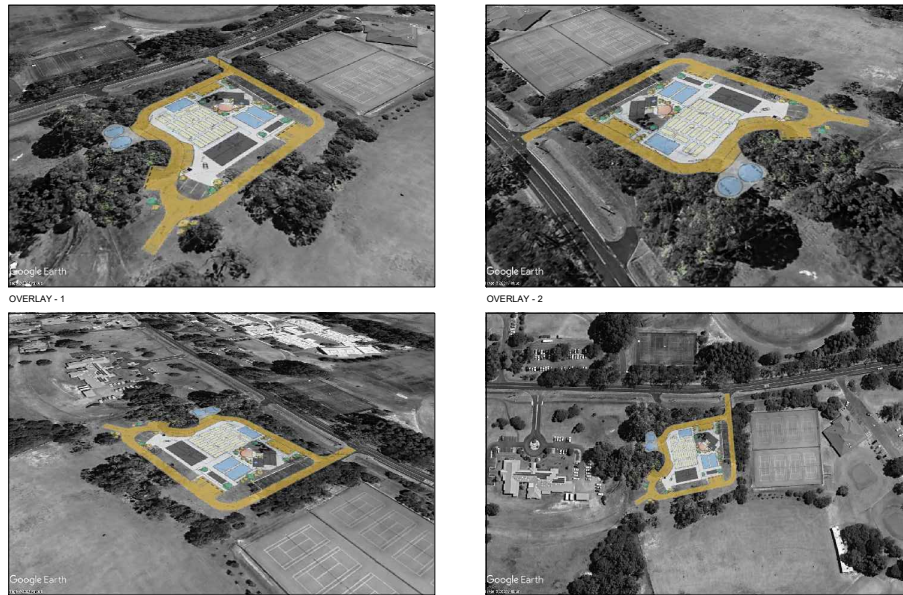


Figure 2-The nursery will be across the road from DSHS, TAFE and WA College of Agriculture



Figure 3-Aboriginal ranger seed collection training

Since early 2023, WICC has been training the Southern Aboriginal Corporation's Moorditj Noongar and Yorgas Aboriginal Rangers to build their capacity to collect, process and store seed so they could commercialise this as an income stream. The rangers will supply local provenance seed for the nursery as a non-grant income stream.

WICC is seeking to lease the 7000m² site from the SoD. The Denmark Country Club has given its in principle agreement to this arrangement. WICC could manage the nursery with paid staff who supervise community volunteers and local students. In return for the lease on the site, WICC could grow up to 10,000 native seedlings per annum for the SoD, which can be used for revegetation on SoD reserves. The remaining seedlings (290,000) will be utilised for revegetation, largely within the Shire of Denmark. A portion of the seedlings will be sold to the public to offset the cost of operating the nursery.

We will be seeking Lotterywest funding to construct the nursery. WICC has been in discussions with Lotterywest and is currently getting a Quantity Surveyor to do cost estimates for the nursery construction. Our aim is to have the nursery operational by November 2026 if this SoD is willing to lease the site to us.

SHEET #	SHEET NAME
1	SITE OVERVIEW
2	SCHEMATIC PLAN - NORTH SECTION
3	SCHEMATIC PLAN - SOUTH SECTION
4	AERIAL IMAGE OVERLAYS



FOR DISCUSSION

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W.I.C.C - PROPOSED NURSERY

LANDSCAPE CONCEPT PLAN

OCT. 2024 - Rev.2



GENERAL NOTES
 REMOVE NON-NATIVE TREES ON WEST & NORTH
 SIDE OF SITE.
 NATIVE SPECIES TO REMAIN

**SECURITY / GOLF PROTECTION
 FENCING**

UNIVERSAL ACCESS

REV	DESCRIPTION	DATE
REV 2	REVISED AFTER COMMENTS	24.10.24
REV 1	REVISED LAYOUT AFTER CONSULTATION	16.10.24

DRAFT
 FOR DISCUSSION

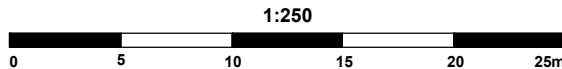
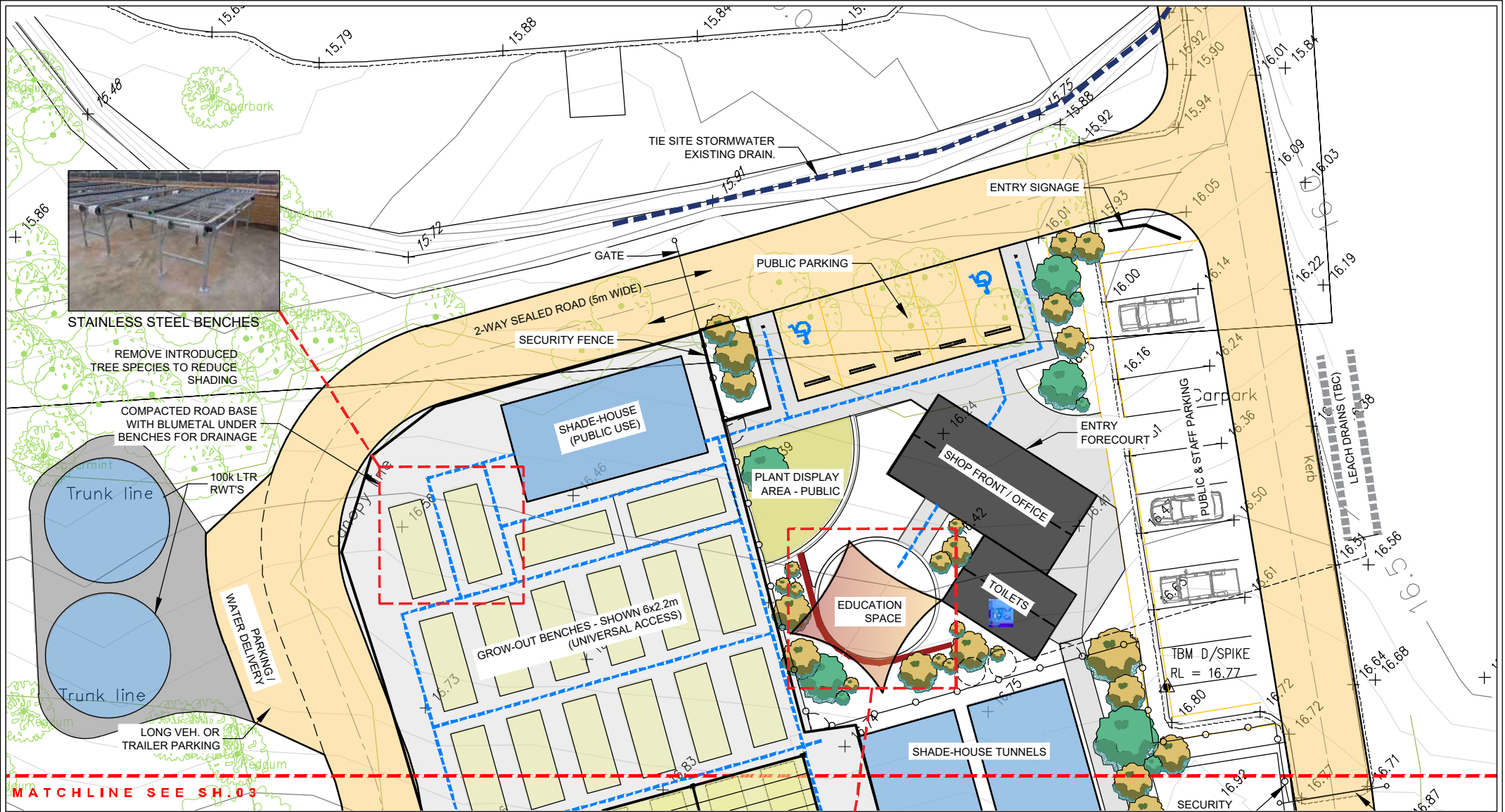
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**NURSERY
 CONCEPT PLAN
 SCHEMATIC
 WICC**

Designer/s: DS	Draftperson/s: -	Engineer: -
	Checked by: -	Client Approval: -
Date: 241024	Project Number: XX	Drawing: NurseryLandscapeCP
		Sheet no. 1 of 4



OUTDOOR EDUCATION AREA



SITE PLAN

1:250 (A3)

SCHEMATIC - NORTH

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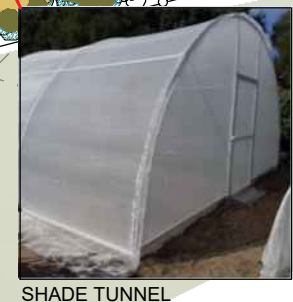
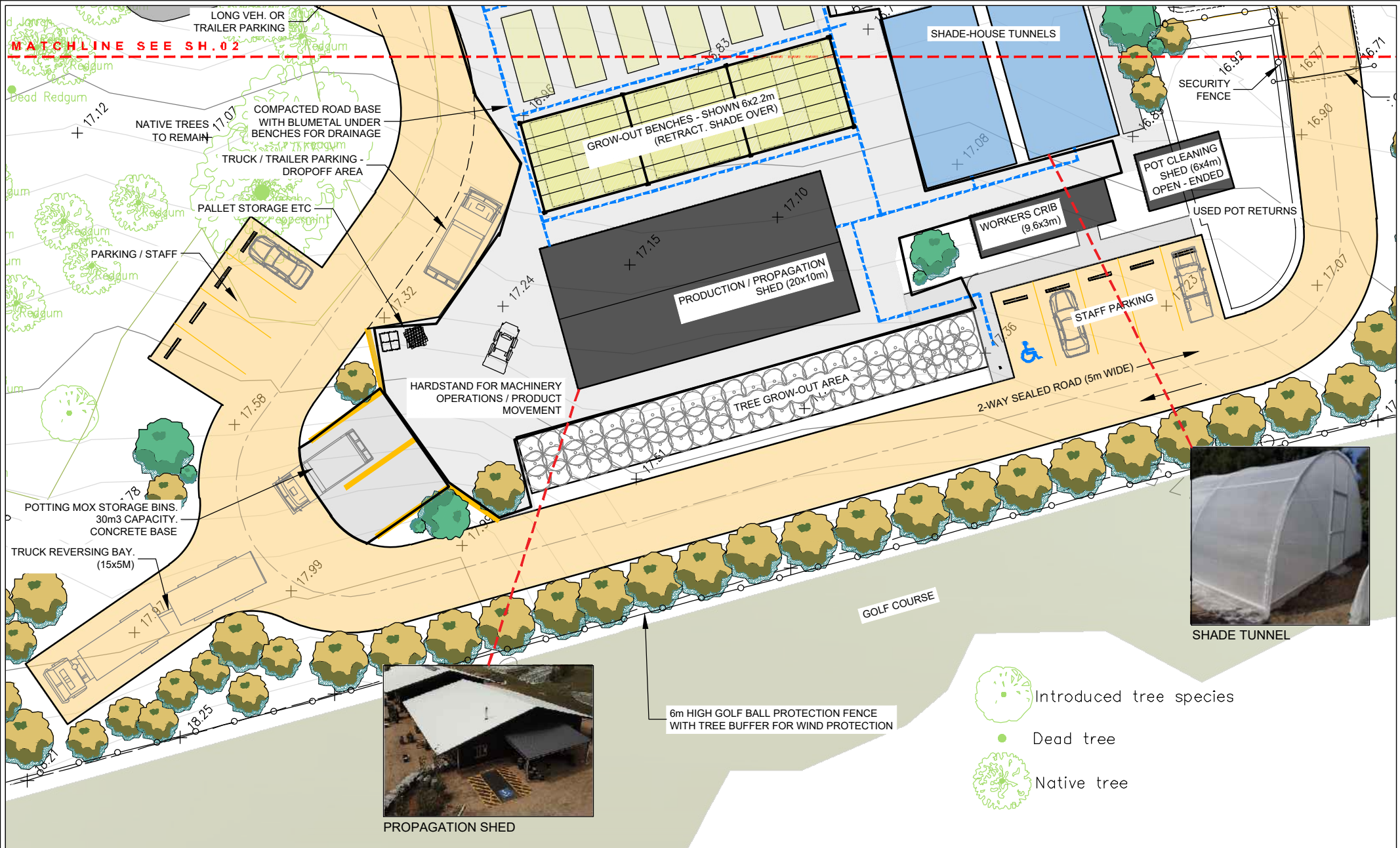
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SCHEMATIC
WICC

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241024	XX	NurseryLandscapeCP
		Sheet no. 2 of 4

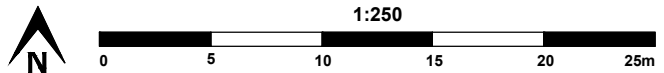


SHADE TUNNEL



PROPAGATION SHED

- Introduced tree species
- Dead tree
- Native tree



03 SITE PLAN SCHEMATIC - SOUTH
1:250 (A3)

REV	DESCRIPTION	DATE
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		Sheet no. 3 of 4



OVERLAY - 1



OVERLAY - 2



OVERLAY - 3



OVERLAY - 4

04
-

IMAGE OVERLAYS

NTS

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		Sheet no. 4 of 4