LANCEFIELD SOLAR FARM 313 COLLIVER'S ROAD, LANCEFIELD 3435, LOT 1 TP168495

LANDSCAPE ARCHITECTURE - DESIGN DOCUMENTATION

ALL DRAWINGS ARE DESIGNED TO BE PRINTED AND READ IN COLOUR

POTENTIAL DISCREPANCIES IF DRAWINGS

GENERAL NOTES

Tree Protection:

All trees to be retained are to be suitably protected. Maintain existing ground levels at the interface between the ground and the tree trunk. Install a maximum depth of 100mm approved organic mulch, e.g. woodchips, to the radius of the Root Protection Zones (RPZs) beneath the canopy (for grassed areas and garden beds- tapering soil depth towards tree trunk). Area beneath the canopy of the protected trees should be fenced prior to the commencement of the construction activities. No excavation, filling, machinery or storage of materials shall occur within the fenced off area. Roots requiring severance beyond the tree canopy shall be clean cut with hand saw and kept moist. All roots over 40mm dia. Any roots within the fenced area should not be cut without the approval from an experienced and approved arborist.

Soil Preparation:

All planting areas to be deep ripped to 500mm at 500mm spacing.

Only existing site soil is to be used.

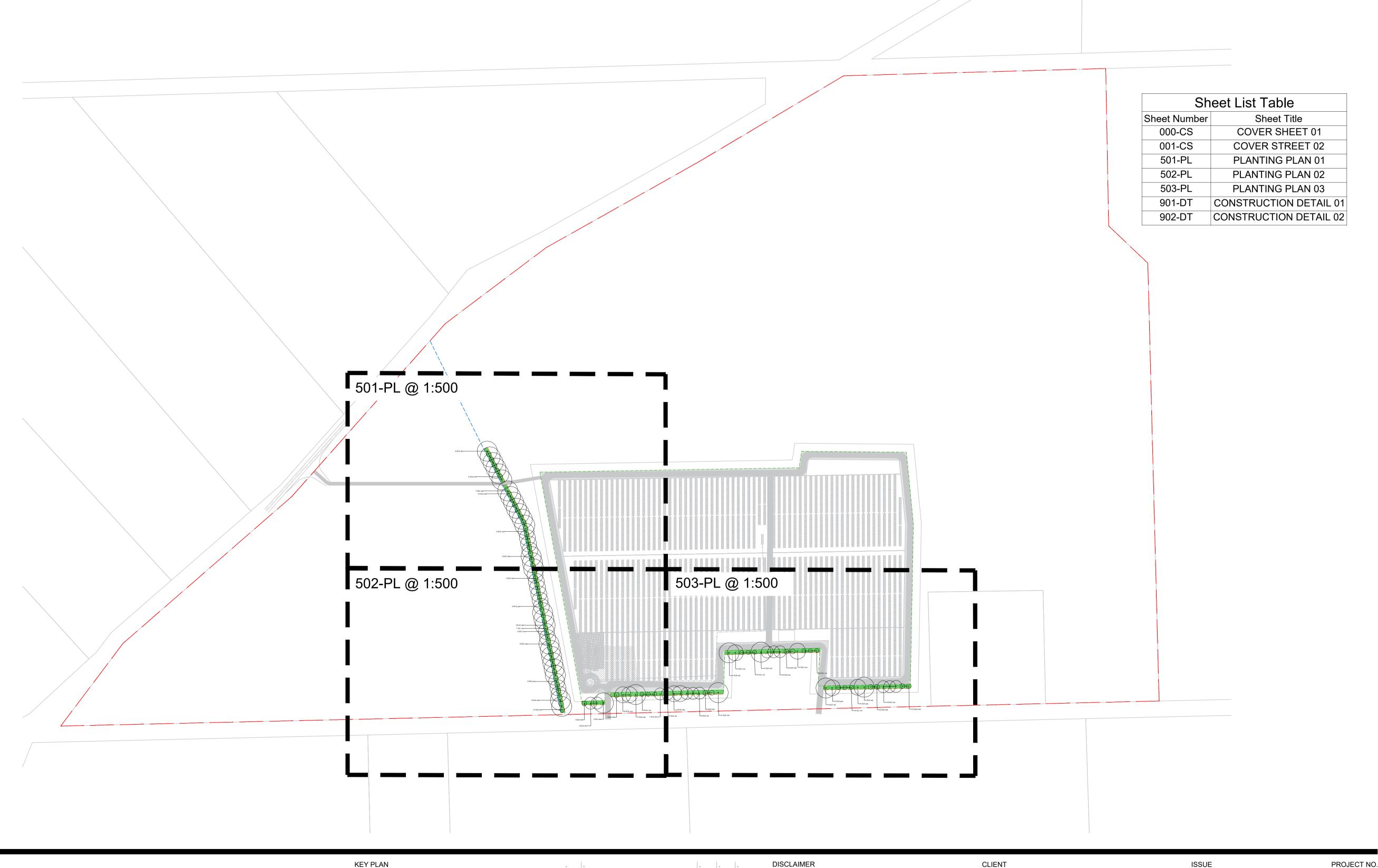
All plants are to be true to species, healthy, free from pests disease and

WARNING:

Beware of underground services. The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown.

All dimensions are to be verified on site prior to construction commencing. Any discrepancies are to be immediately reported to the Project Manager for further instruction

PROJECT





LANCEFIELD SOLAR FARM

DETAILED DESIGN

313 COLLIVER'S ROAD, LANCEFIELD 3435, LOT 1 TP168495

Olderfleet, Level 10, 477 Collins Street | Melbourne VIC 3000 AUSTRALIA | +61 3 8663 4888 | URBIS Pty Ltd | ABN 50 105 256 228

A DRAFT REV DESCRIPTION DWN CHK DATE PROJECT DIRECTOR: PETER HAACK

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DRAWING TITLE **COVER SHEET 01** LANDSCAPE PLAN

BNRG LEESON

DRAFT SCALE

P0034444 NORTH

1:2500 @ A1 1:5000 @ A3 25 50 75 100 125 m DRAWING NO.

000-CS

REVISION Α

PROPOSED TYPOLOGY 1: HIGH DENSITY

Spacing

Size

Qty.

195

195 195

Qty.

505 505

Qty. 192

192 192

Common Name

Trees

Botanic Name

KEY PLAN

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ADVERTISED

•						,
ACA mel	Acacia melanoxylon	Blackwood	AS SHOWN	45L pot, min 2.5m. ht, 30mm cal.	5-18m x 6m	44
ALL ver	Allocasuarina verticillata	Drooping She-oak	AS SHOWN	45L pot, min 2.5m. ht, 30mm cal.	5-9m x 3-5m	7
EUC obl	Eucalyptus obliqua	Messmate/Stringybark	AS SHOWN	45L pot, min 2.5m. ht, 30mm cal.	20-90m x 10-35m	27
EUC ova	Eucalyptus ovata	Swamp Gum	AS SHOWN	45L pot, min 2.5m. ht, 30mm cal.	8-25m x 8-20m	6
EUC pau	Eucalyptus pauciflora	Snow GUm	AS SHOWN	45L pot, min 2.5m. ht, 30mm cal.	5-30m x 5-20m	9
Mix 1						
Key	Botanic Name	Common Name	Density m ²	Pot	Size	Qty
BUR spi	Bursaria spinosa	Sweet Bursaria	1/m ²	200mm	2-6m x 2-3m	195
GOD ova	Goodenia ovata	Hop Goodenia	1/m ²	200mm	1-2.5m x 1-3m	195
LEP lan	Leptospermum lanigerum	Woolly tea-tree	1/m ²	200mm	5m x 3m	195
CAS arc	Cassinia arcuata	Drooping Cassinia	1/m ²	200mm	1-3m x 1-2m	195
Mix 2						
Key	Botanic Name	Common Name	Density m ²	Pot	Size	Qty
CAD arc	Cassinia arcuata	Drooping Cassinia	1/m ²	200mm	1-3m x 1-2m	505
LEP con	Leptospermum continentale	Prickly Tea-tree	1/m ²	200mm	3m x 1.5m	505
MEL den	Melicytus dentata	Tree Violet	1/m ²	200mm	2-4m x 1-2.5m	521
Mix 3						
Key	Botanic Name	Common Name	Density m ²	Pot	Size	Qty
ACA ver	Acacia verticillata	Prickly Moses	1/m ²	200mm	2.5m x 1.5m	192
BAN mar	Banksia marginata	Silver Banksia	1/m ²	200mm	1-3m x 0.5-2m	192
LEP lan	Leptospermum lanigerum	Woolly tea-tree	1/m ²	200mm	5m x 3m	192
MEL den	Melicytus dentata	Tree Violet	1/m ²	200mm	2-4m x 1-2.5m	192

LANCEFIELD SOLAR FARM DETAILED DESIGN

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DWN CHK DATE PROJECT DIRECTOR: PETER HAACK

DRAWING TITLE COVER STREET 02 LANDSCAPE PLAN

ISSUE DRAFT SCALE AS SHOWN @ A1

PROJECT NO. P0034444 NORTH

DRAWING NO.

001-CS

REVISION

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A DRAFT

REV DESCRIPTION

DWN CHK DATE

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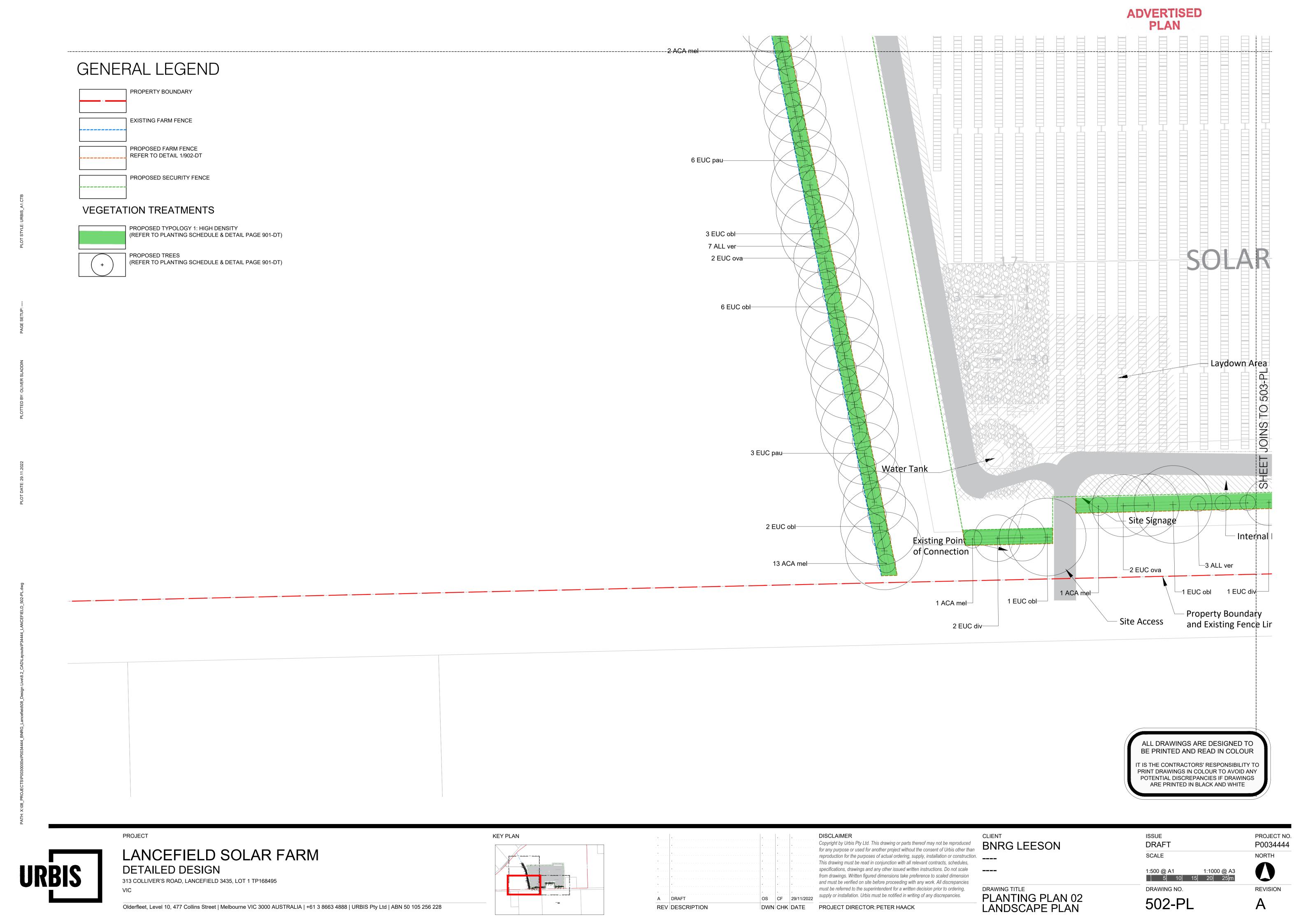
PLANTING PLAN 01 LANDSCAPE PLAN

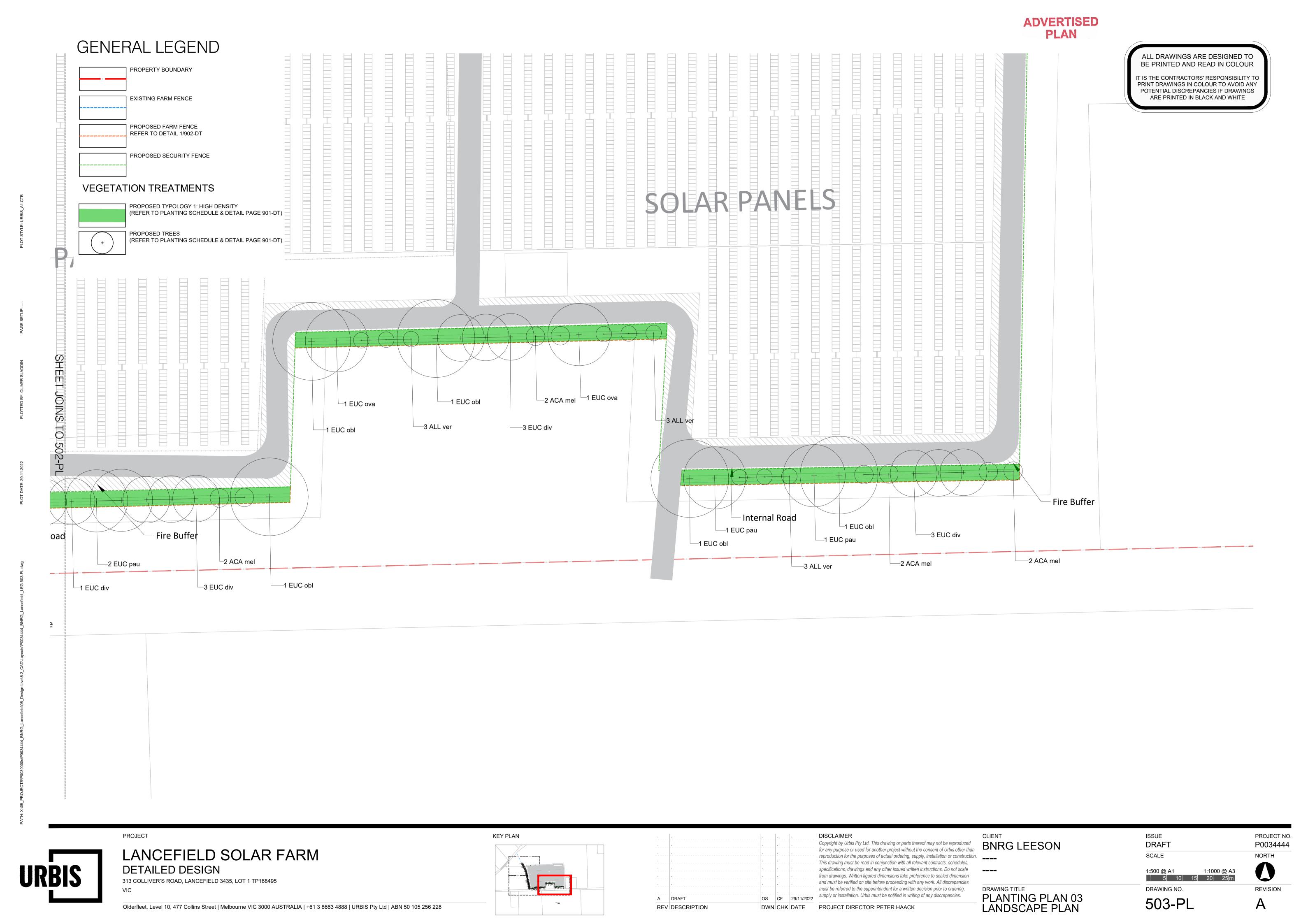
501-PL

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PROJECT DIRECTOR: PETER HAACK





150MM IMPORTED TOPSOIL WITH GARDEN BEDS, CULTIVATED BY MECHANICAL MEANS

'SURE GROW' TREE MAX SLEEVE TREE GUARD OR SIMILAR APPROVED BIODEGRADABLE TREE GUARD. TO BE FIXED WITH 3 NO. BAMBOO STAKES.

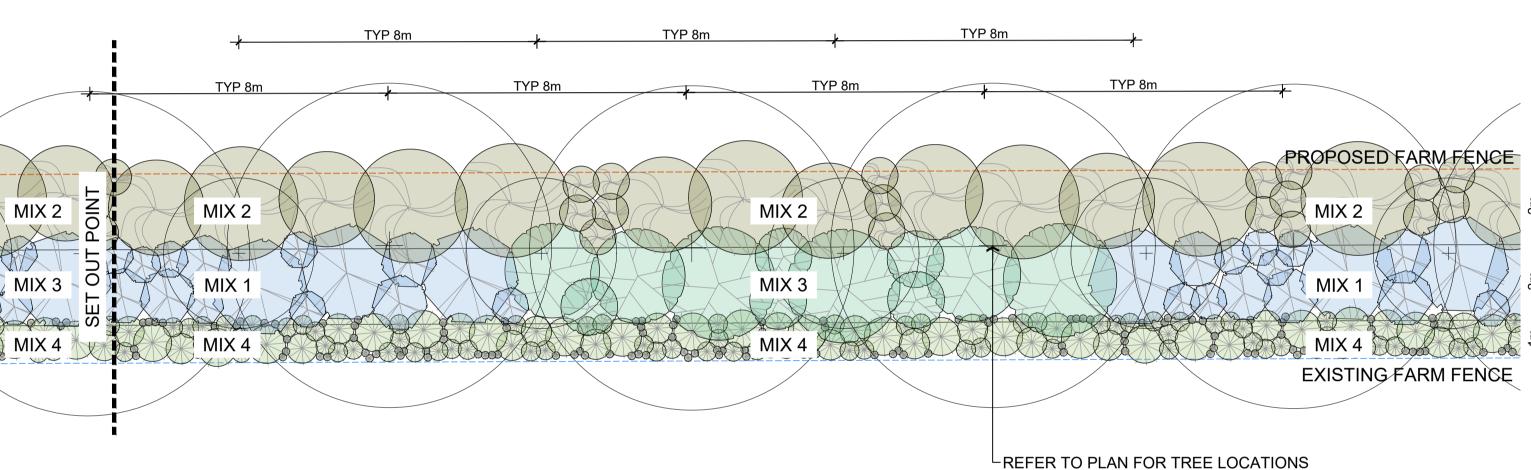
- 100MM DEEP SEMI-COMPOSED NATIVE/INDIGENOUS MULCH LAYER. ENSURE MULCH IS NOT IN DIRECT CONTACT WITH THE PLANT

OVER EXCAVATE HOLE BY AT LEAST TWICE POT SIZE. ENSURE SIDES OF HOLE ARE ROUGHENED.

BACKFILL WITH SITE TOPSOIL. IF BACKFILLING WITH IMPORTED TOPSOIL, ENSURE IT IS WELL MIXED WITH EXISTING SITE TOPSOIL AT APPROX 50:50 RATIO. MIX SLOW RELEASE FERTILISER WITH BACKFILL MATERIAL TO PREVENT DIRECT CONTACT OF FERTILISER

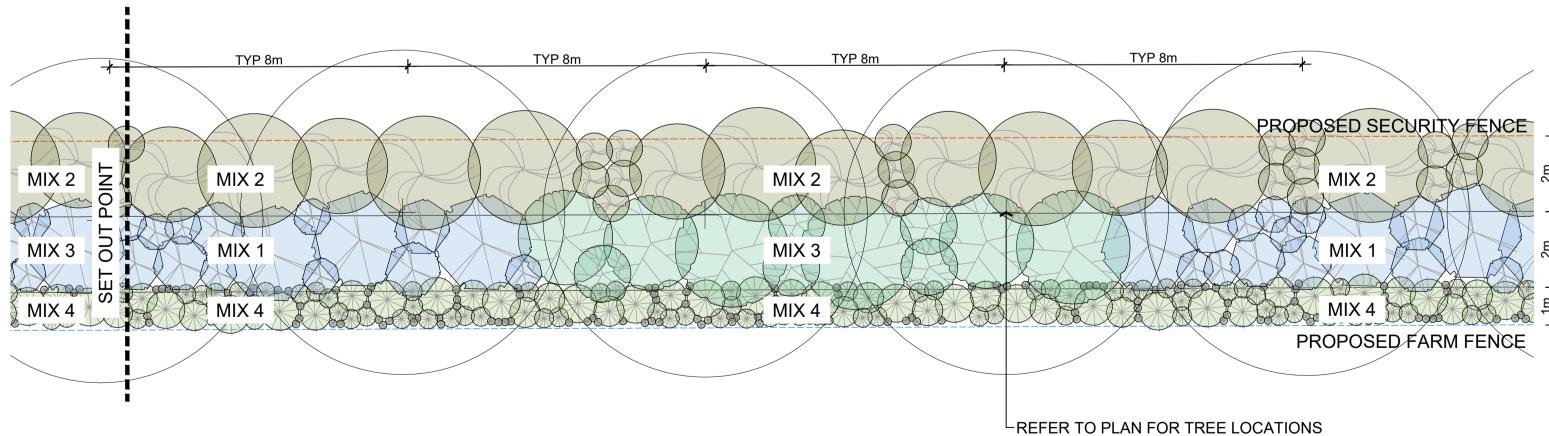
SUBSOIL RIPPED TO A DEPTH OF 450MM RIP LINES TO BE NOMINALLY 0.5M APART. RIPPING TO COVER A MIN. 25M² PER TREE

TYPICAL TUBESTOCK PLANTING IN MULCHED GARDEN BED DETAIL 901-DT DETAIL 1:20 @ A1



TYPICAL TYPOLOGY 1: HIGH DENSITY PLANTING

WESTERN BOUNDARY



KEY PLAN

TYPICAL TYPOLOGY 1: HIGH DENSITY PLANTING

SOUTHERN BOUNDARY

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PROJECT DIRECTOR: PETER HAACK

DRAWING TITLE CONSTRUCTION DETAIL 01 LANDSCAPE PLAN

CLIENT

BNRG LEESON

ISSUE DRAFT SCALE AS SHOWN @ A1

PROJECT NO. P0034444 NORTH

DRAWING NO.

901-DT

REVISION Α

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STAR PICKETS **EVENLY SPACED** BETWEEN POSTS. 1800MM LONG. INTERMEDIATE INDICATIVE DIMENSIONS ONLY POST 1800MM LONG HIGH TENSILE PLAIN WIRES. EITHER REEVED THROUGH HOLES BORED IN POSTS, OR STAPLED TO POSTS. BARBED WIRE → WIRE TO BE PLACED ON THE POST MAXIMUM ----SIDE OF THE FENCE WHERE 1150MM ABOVE THE ANIMALS ARE. GROUND. BARBED WIRE **MAXIMUM 100MM** <u>_KWaMyMWMJMNWXKWJwMyMwM</u> ANNO MANANA M KWWWWWW DISTANCE FROM GROUND. MINUMUM 25MM POST MINIMUM 650 BELOW GROUND. STRAINER POSTS REQUIRE A CONCRETE FOOTING STAY 3000-3600MM ANCHOR BLOCK LONG (NOT SHOWN TO SCALE)

KEY PLAN

LANCEFIELD SOLAR FARM

DETAILED DESIGN

1 TYPICAL CATTLE FENCE

902-DT DETAIL

PROJECT

313 COLLIVER'S ROAD, LANCEFIELD 3435, LOT 1 TP168495

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DRAWING TITLE

BNRG LEESON CONSTRUCTION DETAIL 02 LANDSCAPE PLAN

ISSUE PROJECT NO. DRAFT P0034444 SCALE NORTH AS SHOWN @ A1

REVISION

Α

DRAWING NO.

902-DT