PROPOSED LANDSCAPE WORKS

FOR: EUGOWRA COMMUNITY CHILDREN'S CENTRE
AT: 21 NOBLE ROAD EUGOWRA NSW 2806

DATE: THURSDAY 13TH MARCH, 2025

- LANDSCAPE DESIGN PLAN DWG NO: 06/24 DATED 13/3/2025.
- PLANTING SCHEDULE DATED 13/3/2025
- GENERAL LANDSCAPE SPECIFICATION FOR WORKS DATED 13/3/2025.

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PLANTING SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	NO	SIZE	STAKING	MAT. SIZE
EVERGREEN & SEMI DECIDUOUS SHADE TREES:						
BP	BRACHYCHITON POPULUS	'KURRAJONG'	4	45 LITRE	2 X 1800X50M50M	10M H X 5M WIDE
CS	CITRUS SPECIES	'DWARF CITRUS SPECIES'	4	STOCK ON SITE	1 X 1500X38X38MM	2.5 H X 2.5M WIDE
HF	HYMENSPORUM FLAVUM	'NATIVE FRANGIPANII'	6	45 LITRE	2X1800X50X50MM	10M H X 5M WIDE
FG	FRAXINUS GRIFFITHII	'EVERGREEN ASH'	7	45 LITRE	2X1800X50X50MM	6M H X 4M WIDE
UP	ULMUS PARVIFOLIA TODD	'TODD CHINESE ELM'	7	45 LITRE	2X1800X50X50MM	4M H X 7M WIDE
SMALL DECIDUOUS SHADE TREE						
LTus	LAGERSTROEMIA 'TUSCARORA'	'CRIMSON CREPE MYRTLE'	2	45 LITRE	2X1800X50X50MM	4M H X 4M WIDE
EVERGREEN GLOSSY LOW ROUNDED SHRUBS						
CKR	COPROSMA 'KARO RED'	'BRONZE MIRROR PLANT'	5	2.5 LITRE	NIL	800MM H X 1M W
ROP	RHAPHIOLEPSIS 'ORIENTAL PEARL'	'ORIENTAL PEARL HAWTHORN'	6	2.5 LITRE	NIL	700MM H X 1M W
EVERGREEN ORNAMENTAL GRASSES & NATIVE GROUNDCOVER						
LH	LOMANDRA HYSTRIX	'HYSTRIX MATT RUSH'	55	2.5 LITRE	NIL	1M H X 1M W
LT	LOMANDRA TANIKA	'TANIKA MATT RUSH'	53	2.5 LITRE	NIL	800MM H X 800MM W
PR	PENNISETUM RUBRUM	'RED FOUNTAIN GRASS'	13	2.5 LITRE	NIL	1M H X 1M W
RS	RHAGODIA SPINESCENS	'AUSSIE FLAT BUSH'	58	2.5 LITRE	NIL	800MM H X 1200MM W

POCKETS OF GROUNDCOVER PLANTINGS:

PLANT LIST A: LUSH NATIVE GROUNDCOVER

CARPOBROTUS GLAUCENSCENS 'CAR10'	'PINK PIG FACE'	5	TUBESTOCK	NIL	GROUNDCOVER

PLANT LIST B: LOW 'FOODY MIX' (30 IN TOTAL) INSTALLED IN MIXED GROUPINGS:

ORIGANUM VULGARE 'AUREUM'	'GOLERN OREGANO'	10	2.5 LITRE	NIL	GROUNDCOVER
MENTHA SPECIES 'PEPPERMINT & CHOCOLATE MINTS'		10	2.5 LITRE	NIL	GROUNDCOVER
THYMUS X CITRIODORUS	'LEMON SCENTED THYME'	10	2.5 LITRE	NIL	GROUNDCOVER

PLANT LIST C: LOW 'SENSORY' MIX (30 IN TOTAL) INSTALLED IN MIXED GROUPINGS:

CASUARINA 'COUSIN IT'	'COUSIN IT'	10	2.5 LITRE	NIL	GROUNDCOVER
ERIGERNON KARVINSKIANUS	'SEASIDE DAISY'	5	2.5 LITRE	NIL	GROUNDCOVER
LOMANDRA FLIVIATILIS 'SHARA	'SHARA MATT RUSH'	10	2.5 LITRE	NIL	GROUNDCOVER
SANTOLINA CHAMAECYPARISSIS	'COTTON LAVENDER'	5	2.5 LITRE	NIL	GROUNDCOVER
STACHYS BYZANTINA 'BIG EARS'	'LAMBS EAR'	10	2.5 LITRE	NIL	GROUNDCOVER

PLANT LIST D: WIRADJURI CULTURAL PLANTINGS INSTALLED IN CORTEN RIMS:

BULBINE BULBOSA	'ORNATIVE LEEK	5	TUBESTOCK	NIL	GROUNDCOVER
DICHOPOGON STRICTUS	'CHOCOLATE LILY/ DIRRAMAAY'	2	TUBESTOCK	NIL	GROUNDCOVER
MICROSERIS LANCEOLATA	'NATIVE YAM/ NGARRIDYU'	2	TUBESTOCK	NIL	GROUNDCOVER

PLANT LIST E: LOW HARDY GROUNDCOVERS (20 IN TOTAL) INSTALLED IN MIXED GROUPINGS:

CHRYSOCEPHALUM APICULATUM	'YELLOW BUTTONS'	10	2.5 LITRE	NIL	GROUNDCOVER
LOMANDRA FLIVIATILIS 'SHARA	'SHARA MATT RUSH'	10	2.5 LITRE	NIL	GROUNDCOVER

GENERAL SPECIFICATION FOR WORKS AT: EUGOWRA COMMUNITY CHILDREN'S CENTRE

General specifications for landscape works read in conjunction with Landscape Design Plan Dwg No: 06/24 dated 13/3/2025.
The landscape works include the following:

2.1 PROPOSED EARTHWORKS & REMOVAL/ DEMOLITION WORKS
2.2 PRESERVATION OF EXISTING TREES
2.3 GENERAL DRAINAGE WORKS
2.4 PREPARATION OF SOIL
2.5 RAISED EARTH MOUND SURFACED IN KIKUYU TURF
2 6 HARD SURFACE ACCESS LINK & BIKE PATHS SUCH AS: COVE FINISHED CONCRETE & OR TEXTURAL SENSORY FINISH AS SELECTED
2.7 CRUSHED GRANITE SURFACES
2.8 RECONSTITUTED DECKING
2.9 NEW SYNTHETIC TURF SURFACES
2.10 SANDPITS
2.11 RUBBER POUR SURFACES
2.12 RIVER PEBBLE ON DRY CREEK BED, AROUND WATER PLAY ELEMENTS & SURFACE IN GARDEN BED
2.13 WATER PLAY ELEMENT
2.14 SANDSTONE BLOCKS ENCLOSE, RETAIN & OFFER INFORMAL SEATING
2.15 BOULDERS ROUNDED IN SHAPE LOCALLY SOURCED ENCLOSE & OFFER INFORMAL SEATING
2.16 RECYCLED H/W LOGS OFFER INFORMAL SEATING
2.17 H/W LOG PLINTHS ENCLOSE & OFFER INFORMAL SEATING
2.18 HARDWOOD PLINTHS/ TOTEM POLES OFFER VERTICAL INTEREST
2.19 HARDWOOD SLEEPERS LAID ON FLAT
2.20 STEPPING PADS SUCH AS FLAT STONE PEICES
2.21 CONCRETE TUNNEL
2.22 NET CLIMB
2.23 SLIDE
2.24 TRAMPOLINE
2.25 RAISED GAL. VEGGIE BEDS
2.26 PEDESTRIAN ARBOR
2.27 CORTEN RIMS
2.28 INTERACTIVE BOARDS
2.29 NEW STEEL EDGE FLAT BAR RUSTED FINISH 100 X 5MM
2.30 INSTALLATION OF PLANT MATERIAL
2.31 OPEN KIKUYU LAWN AREAS
2.32 ORGANIC MULCHED SURFACES AS APPROVED UNDER BUSH FIRE REPORT
2.33 IRRIGATION

2.1 PROPOSED EARTHWORKS, REMOVAL & DEMOLITION WORKS

2.1.1 Generally – Proposed earthworks shall include but not be limited to required cut, fill & grading of site levels to install proposed works and the removal of all unwanted hard surfaces, materials & vegetation. Ground levels shall be graded to ensure the site drains freely.
No major soil disturbance shall occur around the base of existing tree, north of site to be retained. Ensure investigation of services is undertaken prior to any earthworks, removal & demolition works. Dial before you dig prior to any earthworks, removal & demolition works www.1100.com.au

2.2 PRESERVATION OF EXISTING TREE

2.2.1 Generally - Protect existing tree, north of site as shown on Landscape Design Plan to be retained prior to commencement of works.
2.2.2 Tree roots - During excavation tree roots in excess of 50mm shall not be cut. Hand digging & tunneling shall be carried out wherever necessary to avoid cutting roots. Where necessary tree roots shall be cut back to a clean cut & treated with an approved bitumen emulsion dressing. Trenches dug under canopy shall remain open for minimal time & backfilling undertaken quickly with soil carefully rammed & watered in around tree roots to eliminate voids.
2.2.3 Around trees – Major disturbance to existing ground levels beneath branch spread, either by compaction, heavy machinery, piling of materials or cutting away soil shall not take place.

2.3 GENERAL DRAINAGE WORKS

2.3.1 General drainage works - levels graded on site to ensure site drains freely, avoid areas prone to water logging & as a result of proposed works, surface discharge of water on site is nil or minimal.
2.3.2 Drainage in the form of grading of levels may be required to facilitate overland flow. Where necessary install surface or sub soil drainage such as suitable grated drains & pits or ag lines in the form of (100mm diameter ag drainage line with sock) in suitable gravel trench. Discharge of all drainage to suitable points or areas. During installation of works ensure & maintain adequate drainage flows to existing pits.

2.4 PREPARATION OF SOIL

Upon total eradication of all unwanted plant species in proposed garden area through use of suitable herbicide as per recommendations by manufacturer, soil in proposed garden beds can be prepared as follows:

Recommended approach to soil preparation:
Generally - Ensure existing soil & imported soil in proposed garden bed is cultivated to a suitable depth, is a free draining medium & well prepared prior to installation of plant material. All site soil free of unwanted matter such as stones or clay lumps, weeds, seeds, tree roots, rubbish & any material toxic to plants. Ensure existing soil & imported manure in proposed garden beds is allowed to settle for 3 weeks prior to plant installation. In heavily compacted areas it is recommended that well prior to planting works garden beds are cultivated to a depth of 300mm & gypsum is added to soil medium.
Materials - Prepare existing site soil well prior to planting with the addition of a soil conditioner providing organic matter such as: locally sourced & imported decomposed manure for example: a composted screened cow manure mix or a 'Nitro humus' equivalent to that supplied from Australian Native Landscapes (ANL) which will: improve soil properties ie structure & fertility, provide instant nutrient benefits, improve soil microbial health & encourage worm life, improve aeration, water holding capacity & increase humus content in the soil.

It is recommended to spread decomposed manure or 'Nitro humus' mix over garden beds to a depth of 25mm (this minimal depth is mindful that the bulk of species installed are 'native species' which require the limited addition of soil conditioning). Allow to settle in preparation for later planting.
To further facilitate the breakdown of manure mix, garden beds can be cultivated via use of rough crow baring, garden fork or rotary hoe (for larger areas) prior to installation of plant material & prior to mulch being spread over.
Installation - Incorporate decomposed manure or 'Nitro humus' mix with site soil minimum 3 weeks prior to plant installation (ideally 3 months prior). Allow to settle & water thoroughly maintaining water supply throughout next month prior to installing plant species.

In heavily compacted areas: it is recommended that well prior (ideally 3 months prior) to planting works garden beds are cultivated to depth of 300mm & gypsum added at recommended rates to soil medium by 'keying into' existing soil medium by rough crow baring, garden fork or rotary hoe (for larger areas). As gypsum is mobile in the soil, this time frame will allow gypsum to percolate through soil medium over time.
Refer to Installation of Plant Material for further soil preparation.

2.5 RAISED EARTH MOUNDS SURFACED IN KIKUYU TURF

Generally – Raised earth mounds surfaced in kikuyu formed in main play area & babies' area to suit space & offer greater gross motor challenge, as indicated on Landscape Design Plan.
Ensure topsoil is free of unwanted matter such as stones, clay lumps, weeds, seeds, tree roots, rubbish & any toxic material to plant material.
Design intent for grade of mound is for levels to flow as if natural but offer greater gross motor challenge for the children.

2 6 HARD SURFACE ACCESS LINK & BIKE PATHS

2.6.1 Generally – Hard surface access link & bike paths offer access in main play area minimum 2m wide & babies' area 1200mm wide for kids to ride bikes, as indicated on Landscape Design Plan.
Materials – Hard surface such as cove finished concrete & or textural sensory finish as selected such as paved or with an exposed aggregate finish, crushed granite finish or pebble mosaic finish as determined during works in liaison with ECCC, landscape contractor & designer.

2.7 CRUSHED GRANITE SURFACES

2.7.1 Generally – Crushed granite shall provide practical pervious surfaces, as indicated on Landscape Design Plan.
2.7.2 Materials – Crushed granite, locally sourced from local quarry or landscape suppliers. Stabilize crushed granite with 5% or 2 x 20kg bags off white cement/ tonne of granite, which is mixed by supplier & delivered to site ready to install.
2.7.3 Installation - Install base course over prepared base of natural cut or compacted subbase. Depth of base course after compaction 75mm. Spread crushed granite over compacted base course & compact using a roller/ vibe plate to ensure material is stable. Finished depth of crushed granite after allowance of 25% compaction 75mm. Ensure level of compacted crushed granite finishes flush with adjoining surfaces.

2.8 RECONSTITUTED DECKING

2.8.1 Generally – Reconstituted Decking offers platform forward of Cubby in NW corner and access steps & platform/ landing to Slide on raised earth Mound in main play area, as indicated on Landscape Design Plan.
Refer to Mod wood Australia https://www.modwood.com.au/decking/ for fixing, installation & specifications. Colour of Mod wood as selected.

2.9 NEW SYNTHETIC TURF SUFACES

2.9.1 Generally – New synthetic turf surfaces with shade sails over installed in selected areas in main play & babies' area, as indicated on Landscape Design Plan.
2.9.2 Levels of ground for future synthetic turf to be even, gradual & flow as if natural. Ensure the subbase is well compacted & stable.
Referring to recommendations for installation by supplier, the subject area may be surfaced with 50mm of crushed metal dust (1-4mm) screened & compacted or equivalent providing a good stable base.
Suggested product: 'Ultimate Botanical 40', equivalent to that supplied by Field turf Australia www.fieldturf.com.au phone: 02 93167244
Supply & Installation of New artificial turf shall comply with relevant Australian standards as per specifications by relevant supplier.
Refer to recommendations for installation by Field Turf Australia.

2.10 SANDPITS

2.10.1 – Sandpits with shade sails over installed in main play area & babies' area, as indicated on Landscape Design Plan.
2.10.2 Materials & installation – Install certified & approved sand, to minimum depth of 500mm over suitable permeable membrane, 100mm deep gravel base & compacted sub grade. Ensure sandpits drain freely. Sub surface drainage (100mm diameter ag drainage line with sock) in suitable gravel trench is recommended to be installed base of sandpit & connected to storm water.

2.11 RUBBER POUR SURFACES

2.11 1 Generally – New rubber pour soft fall surfaces proposed in main play area & babies' area, as indicated on Landscape Design Plan.
2.11. 2 Materials – Rubber Pour surface shall be highly durable & suitable for emergency vehicle access.
It shall be in rustic & earthy style colour to complement the natural play space theme. Final selected surface including colours & pattern as determined during the works in liaison with ECCC, landscape contractor & designer.
2.11.3 Installation – Rubber pour soft fall surface & installation shall comply with relevant Australian standards.
Refer to recommendations for installation by relevant supplier.

2.12 RIVER PEBBLE ON DRY CREEK BED, AROUND WATER PLAY ELEMENTS & SURFACE IN GARDEN BED

2.12.1 Generally – Decorative River pebble provides textural surface on dry creek beds to encourage imaginative play, around Water Play elements & low maintenance surface in designated garden bed, as indicated on Landscape Design Plan.

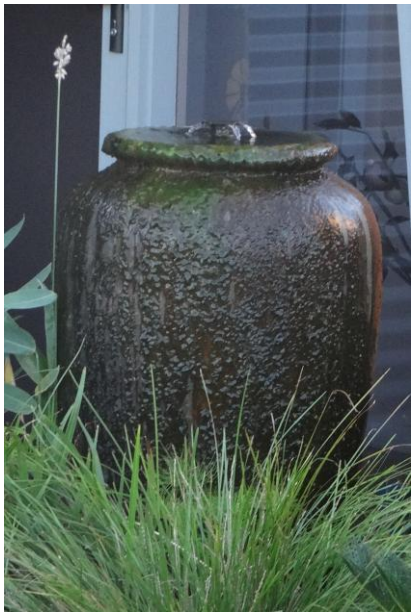
2.12.2 Materials – Compacted Road base layer & top layer of loose decorative river pebbles. Locally sourced pebbles shall be smooth, generally rounded in shape & in random sizes – 20, 40 & up to 200mm in size and in natural earthy brown colours.

2.12.3 Installation - Shape base as required & form levels to accommodate suitable layer of compacted road base with suitable layer of pebbles over. Pebbles laid minimum depth of 100mm to provide suitable depth to cover surface. Ensure suitable drainage is installed within Dry Creek beds & around Water Play elements.

Refer to photos below for intent of Dry Creek Beds & selected natural river pebble

2.13 WATER PLAY ELEMENT

2.13.1 Generally – Water Play elements such as selected Urns provides focal point & sensory cooling features in main play area & babies' area, as indicated on Landscape Design Plan. Decorative pebble/ natural river pebble surround offering feature textural surfacing material.
2.13.2 Materials: Urns as selected by ECCC, to maximum height of 490mm. Urns in a vibrant, but earthy colour recommended.
Urns provide water spill as per design intent of Landscape Plan
If urn is to provide source for water: securely fix on suitable childproof sump with mesh to ensure feature is completely safe to children.
Decorative pebbles, smooth & generally rounded in shape surround urn with larger random sized feature pebbles 75-300mm providing significant feature surrounding urn. Smaller pebbles no smaller than 30-40mm providing infill to cracks & crevices.
Decorative pebbles equivalent to that supplied by Australian Native Landscapes.
2.13.3 Materials: Install pebbles into concrete slurry base in a random pattern using the larger 300mm pebbles predominantly towards edges to provide a practical edge to feature. Remove any top slurry layer of concrete mix with water pressure to expose decorative pebbles.
Design Intent of Water Play Urn - Submersible water pump shall be placed within feature to circulate water so that water drizzles down face of water urn & kids can easily touch & feel the sensation of cool water. Depending upon the shape/ size of the urns mouth, a childproof piece of mesh may need to be installed to ensure that no depth of water is exposed & prevent the risk of any child drowning.
Refer to photo below to provide intent for shape of Urns



2.14 SANDSTONE BLOCKS ENCLOSE, RETAIN & OFFER INFORMAL SEATING

2.14.1 Generally – Sandstone blocks laid on flat to enclose zones, retain and offer informal seating, as indicated on Landscape Design Plan.
2.14.2 Materials & Installation: Bulk sandstone blocks proposed shall be of a general dimension: 1000mm x 500mm x 500mm.
If necessary, provide suitable trench & ensure sub grade below trench is stable.
Install suitable footing to meet requirements of block dimensions & suit site conditions. Sandstone blocks installed level on stabilized base/ footing.
The maximum height of sandstone blocks above ground level shall be 490mm high.
Refer to the photos below to provide intent of Sandstone Blocks offering seating.

2.15 BOULDERS ROUNDED IN SHAPE LOCALLY SOURCED ENCLOSE & OFFER INFORMAL SEATING

2.15.1 Generally – Boulders rounded in shape & locally sourced shall enclose zones & offer informal seating, as indicated on Landscape Design Plan.

2.15.2 Materials - Round basalt locally sourced boulders. General dimensions: 700 x 700 x 500mm deep. Boulder selected with exposed top face generally flat, generally rounded in shape, with no jagged edges & any sharp edges rounded off.

2.15.3 Installation – Depending upon size & shape of boulder, install boulders on existing ground level with minimum 1/3 of each boulder below finished ground level for stability or if necessary, into suitable size concrete footing. Ensure boulders are installed in a stable position, cannot be moved or tilted. Suggested height of boulders 450mm above ground level (maximum height for boulders less than 500mm above surrounding ground levels).

Refer to photo below to provide intent for Boulders rounded in shape informally placed in organic mulched areas

2.16 RECYCLED H/W LOGS OFFER INFORMAL SEATING

2.16.1 Generally – 4 x Recycled hardwood timber logs offer informal seating around Wiradjuri cultural circle, as indicated on Landscape Design Plan.
2.16.2 Materials – Logs or strainers, generally 1.5m to 2m length by 500mm wide. Interesting tree logs with character may be selected, generally rounded in shape, with no jagged edges, exposure of splinters & sharp corners. Ensure no harmful chemicals have previously been used on timber.
2.16.3 Installation - Ensure feature logs are installed in a stable position, cannot be moved or tilted.
Suggested height of log above ground level 450mm high to offer comfortable informal seating.
Refer to photos below for intent of Recycled H/W Logs offering informal seating.

2.17 H/W LOG PLINTHS ENCLOSE & OFFER INFORMAL SEATING

2.17.1 Generally – H/W Log plinths enclose 'Yarning Circle' & shall be placed in open mulched areas to offer informal seating, as indicated on Landscape Design Plan.

2.17.2 Materials – Flat log pieces, locally sourced, average 450mm high x average 400 to 500mm diameter to offer comfortable seat plinths. Ensure no harmful chemicals have previously been used on timber. Plinths selected with exposed top face flat, no jagged edges, exposure to splinters & sharp corners. If necessary, sand timbers to reduce the incidence of splinters.

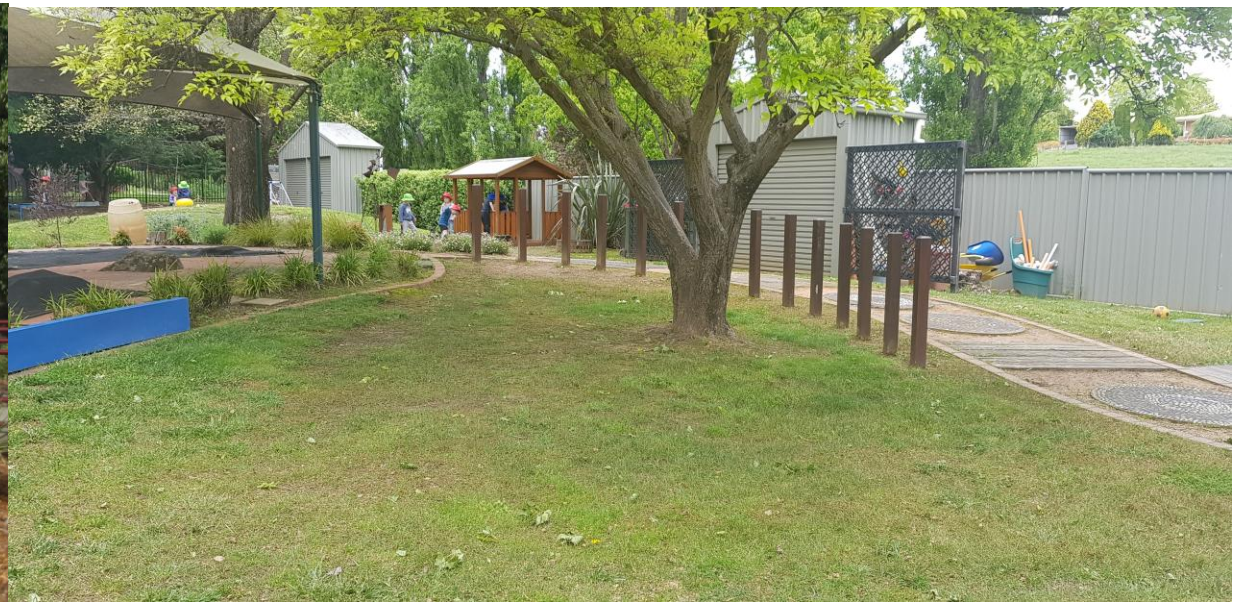
2.17.3 Installation - Secure round log plinths into stable position, on firm compacted bed & backfill where necessary.

All timbers, fixtures & fittings shall comply with relevant Australian & Council standards.

Refer to photos below to provide intent for H/W Log plinths offering informal seating in 'Yarning Circle'.

2.18 HARDWOOD PLINTHS/ TOTEM POLES OFFER VERTICAL INTEREST

2.18.1 Generally – Hardwood plinths/ Totem poles placed in groups to offer vertical interest, as indicated on Landscape Design Plan.
2.18.2 Materials – Recycled, good quality bridge posts (average diameter 250-500mm, square or round depending upon availability) or timber plinths 300mm2 locally sourced. Ensure no harmful chemicals have previously been used on timber. (not CCA).
Timbers selected with no jagged edges, exposure to splinters & sharp corners.
2.18.3 Installation – Secure timbers of varying lengths into suitable size concrete footing. Finish on timbers left as natural. If necessary, sand timbers to reduce the incidence of splinters. Design intent: average height above ground level 1200mm to 1500mm to provide strong vertical interest.
Do not use a combination of posts & plinths on site ie only use one or the other.
Refer to photos below for the intent of hardwood plinths/ Totem poles offering vertical interest.



2.19 HARDWOOD SLEEPERS LAID ON FLAT

2.19.1 Generally – Hardwood railway sleepers shall be laid on flat to offer textural insert & zone of transition, as indicated on Landscape Design Plan.
2.19.2 Materials – A grade hardwood railway timbers or bridge timbers, locally sourced. General dimensions: 100 x 200 x 2400mm lengths.
Timbers selected with no jagged edges, exposure to splinters & sharp corners. Ensure no harmful chemicals have previously been used on the timbers.
2.19.3 Installation - Timbers set in ground until stable & fixed with suitable fixtures & fittings meeting relevant Australian & Council standards.
Ensure timbers laid on stable ground & do not move or rock. Backfill between & behind timbers with soil so finished level meeting timbers flows as if natural.
Refer to photo below for intent of sleepers laid on flat

2.20 STEPPING PADS SUCH AS FLAT STONE PEICES

2.20.1 Generally – stepping pads such as flat stone pieces offer informal access through garden & mulched areas, as indicated on Landscape Design Plan.
2.20.2 Materials – Locally sourced flat stone pieces. Average size 400/ 500 x 400/500 x 50mm deep. Stepping pads selected with exposed top face flat, generally square in shape, with no jagged edges & sharp corners.
2.20.3 Installation - Secure flat stone on firm 50mm bed of sand & cement mix. Ensure minimum gaps between stone pieces.
Ensure recesses join & drainage flows to adjacent garden areas or pervious surface areas.
Refer to photo below for intent of stepping pads

2.21 CONCRETE TUNNEL OFFERS ACCESS UNDER RAISED EARTH MOUND

2.21.1 Generally – Selected concrete tunnel offers feature access under raised earth mound in main play area, as indicated on the Landscape Design Plan. Dimensions of Concrete tunnel: 4m x 1200mm.

Refer to photos below to provide intent for concrete tunnel within raised earth mound.

2.22 NET CLIMB

2.22.1 Generally – Net climb using suitable & all-weather rope offers feature access raised earth mound in main play area, as indicated on the Landscape Design Plan.

Refer to photo below to provide intent for net climb on raised earth mound.

2.23 SLIDE

May be equivalent to: https://moduplay.com.au/product/1200h-dual-rotomould-j-2243/

2.24 TRAMPOLINE

May be equivalent to: https://www.oztrampolines.com.au/trampolines/12ft-in-ground-trampoline

Refer to photo below to provide intent

2.24 T' Pee & Humpies

Refer to photos below to provide ideas

2.25 RAISED GAL. VEGGIE BEDS

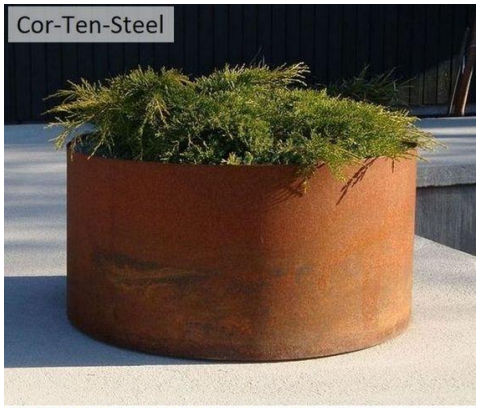
2.25.1 Generally – Raised gal. veggie beds shall be positioned in Veggie Garden room, as indicated on Landscape Design Plan.
2.25.2 Materials – 6 x Raised gal. water tank planters with footprint: 2000 x 1000mm. Ensure planters do not have any jagged edges & exposure sharp edges and are complete with internal bracing to provide reliable structural support to the unit when filled with soil mix & saturated with water.
2.25.3 Installation – Base of planters can be filled with a free draining blue metal aggregate to maximum depth of 300mm.
Ensure planters are installed in stable position, cannot be moved or tilted and are level. Maximum height above ground level 500mm, so planters may be positioned in ground 150mm. Soil medium used to fill planters shall be equivalent to that supplied by ANL's 'Veggie Planter Mix'
Refer to the following link to construct water efficient 'wicking' Veggie beds https://littleveggiepatchco.com.au/blogs/news/building-a-wicking-bed
Refer to photo below to provide intent for Raised Veggie Beds

2.26 PEDESTRIAN ARBOR

2.26.1 Generally - New Pedestrian Arbor offers feature entry into Veggie Garden Room & lovely focal point, as indicated on Landscape Design Plan.
2.26.2 Materials & Installation – Proposed Total Footprint: 2.4m wide x 5.4m maximum length x suggested maximum height 2650mm.
Arbor constructed to match buildings parallel & angled 45 degrees at northern entry point.
Suggested steel construction to reduce long term maintenance: Posts numbers as required to suit construction @ 120mm square.
Beams & Rafters: RHS 150 x 50mm. Install posts into suitable depth & width concrete footing and into sound sub grade.
Structure may be painted Color bond 'Monument' in matt finish
Refer to photographs below to provide intent for Pedestrian Arbors

2.27 CORTEN RIMS

2.27.1 Generally – Corten rims offer raised planters in eastern area of main play area for Wiradjuri plant material, as indicated on Landscape Design Plan.
2.27.2 Materials – 6 x Circular rust-coloured rims. Suggested dimensions: 3 x rims at 1200mm dia x av 300mm high and
3 x rims at 1000mm dia x 500mm high above ground level.
All rim planters selected with no jagged edges, exposed sharp edges and of suitable structural support when filled with soil mix & saturated with water.
2.27.3 Installation - Circular rust-coloured rims equivalent to that supplied by Mills Metal Works Orange. Soil medium used to fill planters shall be a suitable free draining mix & equivalent to Australian Native Landscapes (ANL) 'General Potting Mix'.
Ensure planters are installed in stable position, cannot be moved or tilted and are level.
Refer to photos below to provide intent for Corten Rims

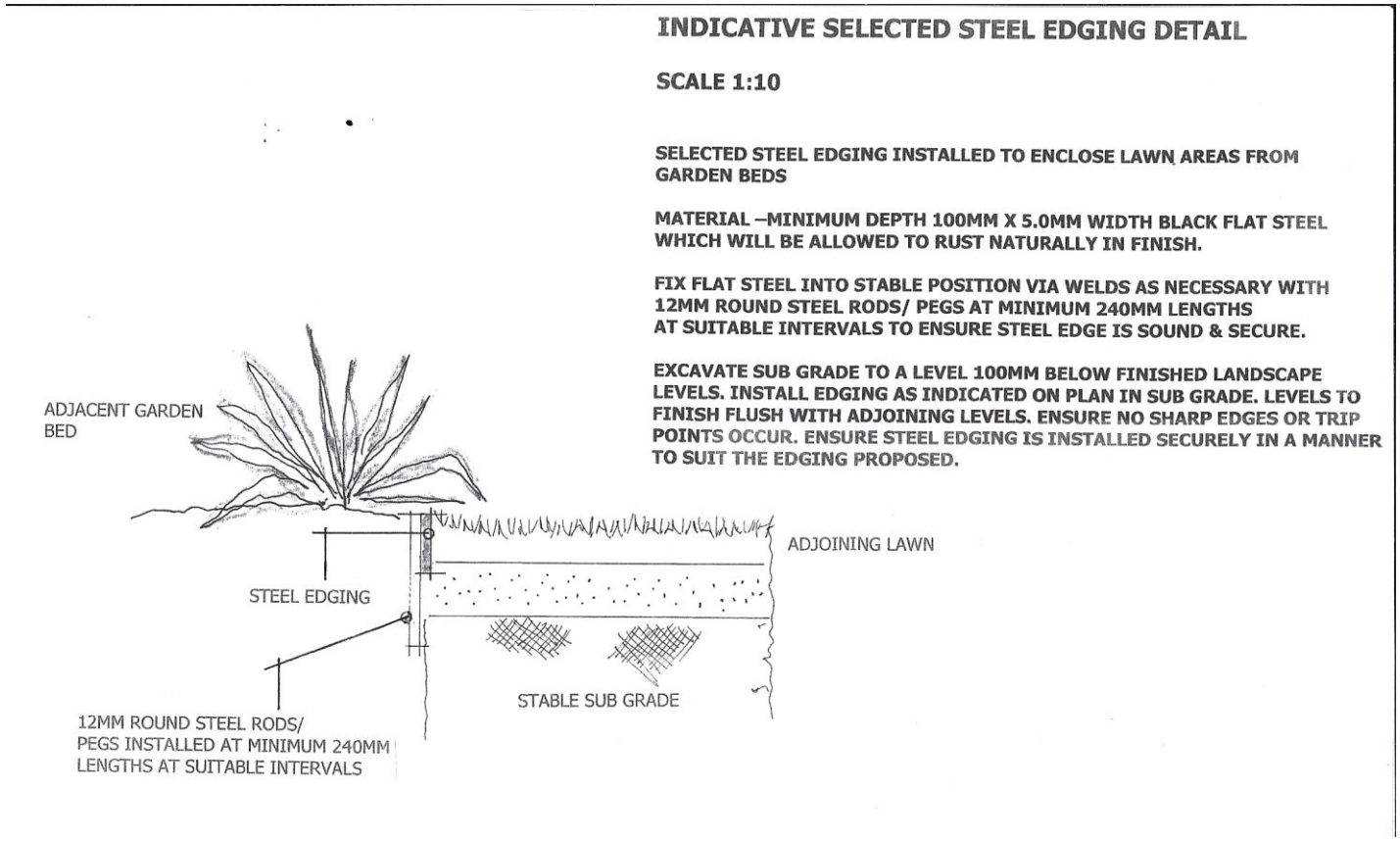


2.28 INTERACTIVE BOARDS

Refer to photos below to provide ideas

2.29 NEW STEEL EDGE FLAT BAR RUSTED FINISH 100 X 5MM

2.29.1 Generally – Suitable steel edging installed to enclose lawn areas from garden beds, as indicated on Landscape Design Plan.
2.29.2 Materials – Steel edging installed using: minimum depth 100mm x 5.0mm width black flat steel which will be allowed to rust naturally in finish. Fix flat steel into stable position via welds as necessary with 12mm round steel rods/ pegs at minimum 240mm lengths. Black flat steel & round pegs available in 6m lengths from Orange Steel, One Steel or local steel supplier.
2.29.3 Installation - Excavate sub grade to a level 100mm below finished landscape levels. Install edging as indicated on plan in sub grade. Levels to finish flush with adjoining levels. Ensure no sharp edges or trip points occur. Ensure steel edging is installed securely in a manner to suit the edging proposed.
Refer to Indicative Steel Edging Detail



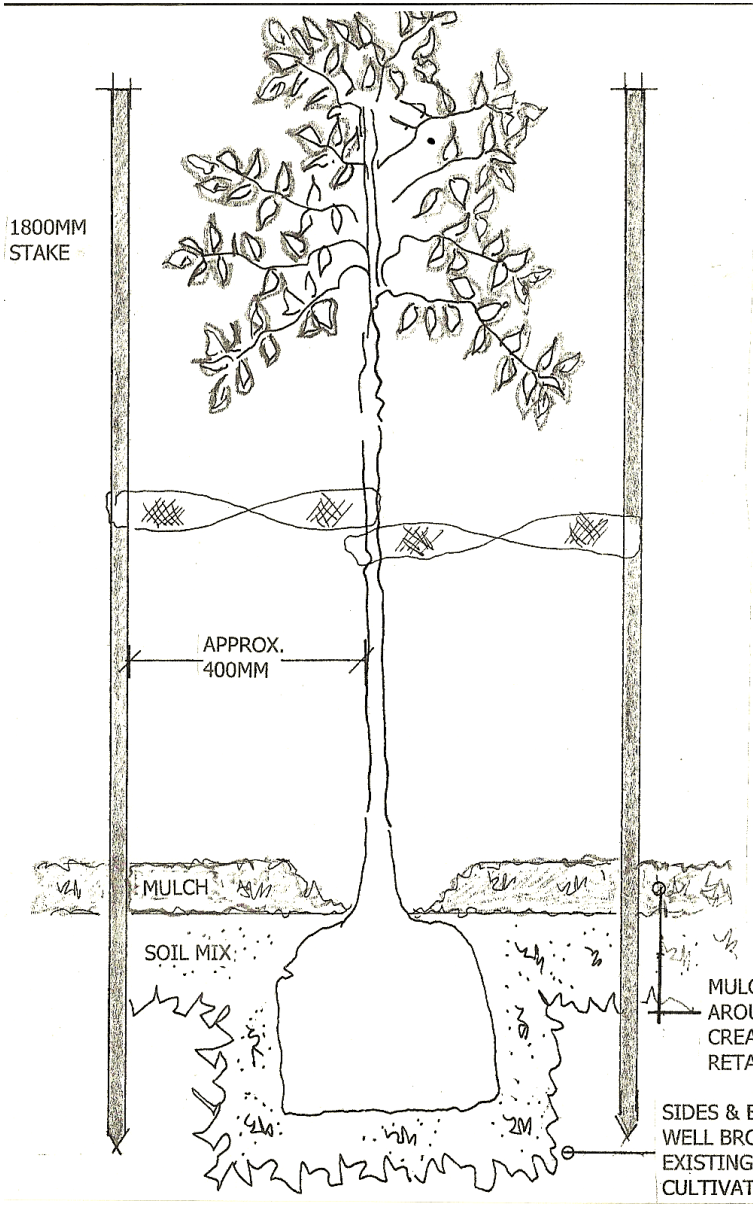
2.30 INSTALLATION OF PLANT MATERIAL

Upon total eradication of all unwanted plant species in proposed garden beds through use of suitable herbicide as per recommendations by manufacturer and preparation of soil as outlined in Specification for Works the plant material can be installed in garden beds as follows:
Generally - All plants true to name, size & variety, in well-developed healthy condition, free from insects & diseases and with well-established root systems. Refer to Planting Schedule for species, container sizes & quantities. Stakes & ties highly recommended to ensure formative training of young plants & provide protection to around the plant whereby avoiding plant losses.

Recommended approach to installation of plant material:
Time of Installation - Due to climatic conditions experienced locally, the threat of repeated drought & water restrictions, it is recommended that installation of plant material occurs during cooler months of the year. This period generally extends from **April to October after good Autumn/ Winter rains have been received & soil moisture is adequate**. Planting shall not be carried out in hot or cold extreme weather conditions including prediction of severe frosts. Ensure plants in containers are deeply watered prior to installation. Remove plants from containers with minimal disturbance.
Consider incorporating an ample quantity of imported 'Organic Garden Mix' available from Australian Native Landscapes mixed thoroughly with existing soil when installing 'exotic' plant material. Incorporate an ample quantity of imported ANL's 'Native Garden Mix' & mix thoroughly with existing soil when installing 'native' plant material Incorporate 'Rain saver' water storing crystals with soil mix as per recommended rate on suppliers packaging when installing plant material. Plants should be planted at the same depth as the plants were in their containers. Allow for a shallow saucer of soil to be formed around the plant to aid water penetration. Avoid hilling up of topsoil around plants. Firm soil around root ball & thoroughly soak & repeat soak after planting.

Note on watering prior to installation – to ensure good plant establishment it is recommend to fully submerging pots prior to planting to ensure root ball is completely saturated. Plant material is often dry & potting mixes can be hydrophobic when dry.

Note on post planting watering:
Generally, irrigation systems cannot be relied upon to sufficiently wet the entire root ball for that crucial 8 - 10 week period after planting.
Most plants installed in spring will need to be hand watered ie double watered, where they are given water to pooling at the base & then secondary watering once this water has partially drained away.
On completion of installation of all plant material: gently rake uneven surfaces if necessary & leave all garden areas in a neat & tidy condition. Remove plant containers from site. Fertilize with Osmocote 8-9 months low phosphorus as per recommended rate on suppliers packaging.
Additional taps installed where necessary within site area to provide adequate water to proposed plantings.
Refer to Indicative Planting Detail



INDICATIVE PLANTING AND STAKING DETAIL

SCALE 1: 10

ENSURE EXISTING SOIL IN PROPOSED GARDEN BEDS IS CULTIVATED TO A SUITABLE DEPTH & WELL PREPARED PRIOR TO PLANT INSTALLATION. GENERALLY, IT IS RECOMMENDED THAT PRIOR TO PLANTING WORKS GARDEN BEDS ARE CULTIVATED TO A DEPTH OF 300MM & AN IMPORTED SOIL CONDITIONER SUCH AS LOCALLY SOURCED & DECOMPOSED COW MANURE OR 'NITRO HUMUS', EQUIVALENT TO THAT SUPPLIED BY AUSTRALIAN NATIVE LANDSCAPES (ANL) IS ADDED TO GARDEN BEDS TO IMPROVE FERTILITY, PROVIDE INCREASED BODY & IMPROVE STRUCTURE. (REFER TO PREPARATION OF SOIL IN SPECIFICATION FOR WORKS). WATER GARDEN BEDS CONSISTANTLY PRIOR TO PLANTING WORKS.

INCORPORATE AN AMPLE QUANTITY OF IMPORTED 'ORGANIC GARDEN MIX' EQUIVALENT TO THAT SUPPLIED BY ANL &MIX THROUGHLY WITH EXISTING SOIL WHEN INSTALLING PLANT MATERIAL.

WATER INSTALLED PLANTS THOROUGHLY. FERTILISE WITH OSMOCOTE 8-9 MONTHS LOW PHOSPHORUS AFTER WATERING.

AS DETAILED IN PLANTING SCHEDULE TIE 50MM JUTE WEBBING TO 45 LITRE TREE & STAPLE TO 2 X 1800 X 50 X50MM HARDWOOD STAKES.

MULCH – INSTALL 100MM TREE LOPPERS 'FOREST BLEND' OR 'FOREST FINES' EQUIVALENT TO THAT SUPPLIED BY ANL TO ALL GARDEN BEDS, COVING MULCH DOWN AROUND PLANT STEMS & FLUSH WITH ADJACENT SURFACES.

MULCH SPREAD & COVED DOWN TO AROUND PLANT STEM.
CREATE DAM AROUND TREE TO ASSIST RETAINING WATER

SIDES & BASE OF PLANTER HOLE WELL BROKEN WITH CROWBAR EXISTING SOIL MEDIUM WELL CULTIVATED WITH IMPORTED SOIL MEDIUM

2.31 OPEN KIKUYU LAWN AREAS

Generally – Lawn shall be kikuyu & installed as per intent of Landscape Design Plan.
Grade area sufficiently to allow minimum depth 100mm of soil to be placed. Topsoil shall be able to hold sufficient moisture & provide drainage to prevent water logging and compaction. A good sandy loam supplemented with organic matter is desirable & or equivalent to Australian Native Landscapes (ANL) 'Turf underlay'. When area has been prepared as above, water whole area & fertilize using Shirley's No 17 fertilizer or equivalent at the manufacturers recommended rate. Spread fertilizer evenly over the surface, lightly rake & re water.
Time of Installation - Due to climatic conditions experienced locally, threat of repeated drought & water restrictions it is highly recommended installation of turf shall only occur during the cooler months of the year. This period generally extends from April to September after good Autumn/ Winter rains have been received & soil moisture is adequate. Turfing shall not be carried out in hot & cold extreme weather condition including severe frosts. Early spring is the optimum time to lay turf. Turf shall be even thickness & green throughout when delivered to site.
Lay each turf roll in a stretcher bond course so joints are staggered & butted against the previously laid roll so no gaps exist.
Turf watered & rolled. If area of turf is prone to retaining moisture, sub surface drains (100mm diameter ag drainage line with sock in suitable gravel trench in herringbone pattern at 3 metre spacing's) shall be installed prior to placement of turf underlay & connected to storm water.

2.32 ORGANIC MULCHED SURFACES AS APPROVED UNDER BUSH FIRE REPORT

2.32.1 Generally – Organic mulch applied to all garden beds (with exception of garden bed to southern front building to be surfaced in decorative River pebble) & through open mulched zones under proposed trees, as indicated on Landscape Master Plan.
2.32.2 Materials –organic mulching material shall be approved under Bush Fire Report but may be a locally sourced recycled tree loppers Eucalyptus based forest fines mulch, available from a local tree lopper or Arborist. Mulch shall be free of soil, weeds, stones, green material & other foreign matter.
2.32.3 Installation - Following planting, rake all garden beds & tamp lightly to provide even graded surface. Spread 100mm mulch over garden beds, coving mulch down around plant stems & flush with surfaces.

2.33 IRRIGATION

A water board approved, fully automatic, vandal-resistant, computerized 'drip' irrigation system or seeping hose, to water all plants in garden beds either early morning or evening to prevent evaporation is highly recommended. All sub ground level pipe work shall be contained poly piping and installed in a maintainable fashion. All plant material are irrigated so no water shadow & overspray onto pavement/ pedestrian areas occurs. The completed system will include a device to prevent watering during periods of rain/ excess moisture. Ensure a 12-month warranty on the system is provided by the supplier.
A water board approved, fully automatic, vandal-resistant, computerized irrigation system to water all turf area's either early morning or evening to prevent evaporation is recommended, though not dictated. Turf irrigated so no water shadow & overspray onto pavement/ pedestrian areas occurs. The completed system will include a device to prevent watering during periods of rain/ excess moisture. Ensure a 12-month warranty on the system is provided by the supplier. Provision of conduits under hard & gravel surfaces recommended for the planning of irrigation pipes.

CRITICAL NOTES:

- LANDSCAPE DESIGN PLAN DWG NO: 06/24 DATED 13/3/2025 FOR PROPOSED WORKS TO EUGOWRA COMMUNITY CHILDRENS CENTRE IS A LANDSCAPE DESIGN ONLY & SHALL BE READ IN CONJUNCTION WITH: PLANTING SCHEDULE & LANDSCAPE SPECIFICATION FOR WORKS PREPARED BY SALLY BOURNE LANDSCAPES DATED 13/3/2025
- LANDSCAPE DESIGN PLAN DWG NO: 06/24 DATED 13/3/2025 HAS BEEN PREPARED AT A 1:200 SCALE ON AN A1 SHEET OF PAPER.
- APPROVAL FOR SUBSTITUTION OF MATERIALS & OR CHANGES TO DESIGN INTENT UNDERTAKEN IN CONSULTATION WITH CLIENT SO INTEGRITY OF DESIGN IS NOT COMPROMISED.
- ALL CIVIL, STRUCTURAL & HYDRALIC WORKS ASSOCIATED WITH THIS PROJECT SHALL BE TO THE RELEVANT ENGINEERS DETAILS AND MEET THE RELEVANT AUSTRALIAN STANDARDS.
  FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALING.
- ALL DIMENSIONS AND LEVELS VERIFIED BY CONTRACTOR ON SITE. DIAL BEFORE YOU DIG WWW.1100.COM.AU PRIOR TO ANY EARTHWORKS, REMOVAL & DEMOLITION WORKS