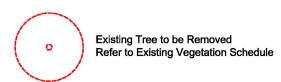


LEGEND







EXISTING VEGETATION SCHEDULE

No.	BOTANICAL NAME	COMMON NAME	HEGHT X WIDTH	Tree Protection Zone (TPZ) Radius	RETAIN / REMOVE	COMMENTS
REES*						
1	Eucalyptus obliqua	Messmate Strignybark	25 x 13m	15.0m	Retain	-
2	Chamaecyparis lawsoniana	Law sons Cypress	14 x 12m	7.4m	Retain	-
3	Fraxinus excelsior 'aurea'	European Golden Ash	8 x 8m	-	Remove	-
4	Cedrus deodara	Deodar Cedar	23 x 14m	-	Remove	-
5	Melaleuca styphelioides	Pirckly Paperbark	14 x 8m	-	Remove	-
6	Magnolia sp.	Willow-leaved gimlet	5 x 5m	-	Remove	-
7	Eucalyptus macrorhyncha	Red Stringybark	15 x 9m	-	Remove	-

TREE PROTECTION NOTES

Tree Protection measures are to be in accordance with Australian Standard AS 4970 -2009 Protection of Trees on Development Sites

- 1. All trees to be retained are to be identified and fenced off prior to demolition and construction works commencing, or any heavy machinery entering the site. Tree protection fencing is to be established to create an exclusion zone around the tree at the distance from the trunk specified as the Tree Protection Zone (TPZ) or as indicated on the Landscape Plan. Once erected, these areas are to be maintained as damage by construction vehicles and equipment during construction. Fencing is to remain in place until soft landscaping works commence as part of the final stage of

 No fill to a depth greater than 100mm is to be installed;
- 2. If access or temporary relocation of protective fencing is required e.g. to allow for the

 No trenched services are to pass through the TPZ. If services are required they are to demolition of existing structures, it must be with the approval and supervision of a Project Arborist. The appointed Project Arborist is to be an appropriately experienced and skilled professional with a minimum qualification of Certificate V (or equivalent) in • No drainage or subsurface irrigation lines are to be installed; Arboriculture.
- 3. Tree Protection fencing is to be constructed of temporary security fencing (or similar) securely fixed to block bases. No holes are to be dug for fence construction unless outside the specified TPZ. Fencing is to be of a minimum height of 1.8m and is to be secure, so as to deter easy entry. At least one weatherproof sign per side is to be attached to each fenced TPZ and is to clearly state "TREE PROTECTION ZONE, ENTRY RESTRICTIONS APPLY, DO NOT REMOVE FENCE, CONTACT THE CONTRACTOR IF ENTRY IS REQUIRED. NO EXCAVATING OR TRENCHING, NO

 • All machinery is to be kept clear of the tree canopy to prevent impact damage. STORAGE OF MATERIALS OR WASTE" and is to have the Contractor's (or appointed site foreman) and Project Arborist's contact details
- 4. The ground within all TPZs within the site (both fenced and unfenced) and outside of the building footprints is to be maintained with a 50-100mm layer of coarse woodchips. Woodchips are to be well composted and are to be kept a minimum of 300mm back from the tree's trunk. The soil surface is to be thoroughly wet immediately prior to the installation of the mulch layer. Unless during water restrictions, irrigation is to be provided for each of the trees from December to March inclusive. A weed control program is to be implemented for mulched areas .
- 5. Any root and branch pruning requirements are to be carried out by the appointed Project Arborist and be in accordance with Australian Standard AS 4373-2007 Pruning of Amenity Trees. Where a root diameter of 20mm or greater is encountered during site works, these shall be cleanly pruned by hand, and never torn from the ground by machinery.

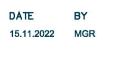
- 6. Throughout construction works the Project Arborist is to undertake regular inspections of trees and carry out remedial works as required to ensure trees retain good health and where necessary install additional trunk, branch or ground protection.
- 7. These general protection requirements apply throughout the development process: No heavy machinery is to enter the fenced areas of the TPZ without the express
- permission of the Project Arborist (emergency service vehicles excluded);
- 'no go' zones to limit trafficking through the TPZs and avoid inadvertent mechanical

 No trenching or removal of soil is to take place. Existing levels must be maintained. Garden beds must be constructed using existing site soil;

 - Any vegetation located within Tree Protection Zones is to be removed by hand so that no heavy machinery enters into TPZ;
 - be bored beneath the root zone to a depth approved by the Project Arborist, or non-destructively excavated, such as hydro excavation, to retain significant roots in situ;
 - No fuel, oil dumps or chemicals shall be allowed in or stored on the Tree Protection Zone. The servicing and refuelling of equipment and vehicles must be carried out away
 - from the root zone; No storage of materials, equipment or temporary buildings will take place over the root
 - No fixtures of any sort shall be attached to the trees for any reason; The Project Arborist is to be consulted prior to heavy machinery accessing any of the

 - If damage of any sort is to occur to any tree on site, the Project Arborist must be
 - contacted to take immediate remedial action. Any changes to the building/landscaping design which alter surface or below ground
 - works within the fenced TPZ are to be subject to the approval of the Project Arborist prior to proceeding.

REVISION JOHN PATRICK LANDSCAPE ARCHITECTS PTY LTD A Council RFI 324 Victoria Street, Richmond, VIC 3121 T +61 3 9429 4855 F +61 3 9429 8211 admin@johnpatrick.com.au



PROJECT

Existing Vegetation Plan for Town Planning



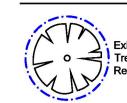
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1A Gear Avenue, Mt Evelyn

LINE OF DEFENDABLE SPACE PROPOSED NEW STREET TREE TO COUNCIL APPROVAL 0 LINE OF FLOOR ABOVE PROPOSED DOUBLE CROSSOVER B M DDA CAR SPACE STAFF ONLY PROPOSED NEW STREET TREE TO COUNCIL APPROVAL 2 RAINWATE M LOGS KITCHEN JUNIOR WC FFL 229.08 DDA WC ROOM 2 AMBU WC \v \v \v 16 PLACES ROOM 3 PROPOSED NEW STREET TREE 0-1 yrs TO COUNCIL APPROVAL 20 PLACES PREP 2-3 yrs UP FFL 229.27 CLIMBABLE-ROOM LANDSCAPE JUNIOR WC ROCKS 16 PLACES EXISTING TREE SANDPIT 1-2- yrs (NOT ASSESSED) LINE OF FLOOR ABOVE **OUTDOOR PLAY SPACE** TO LATER DETAIL FFL 229.27 PLAY UNIT TEEPEE O **VERANDAH ABOVE** EXISTING TREE √ (NOT ASSESSED)
√ **EXISTING TREE #2** OUTDOOR PLAY SPACE TO LATER DETAIL OPEN-SIDE SANDPIT EXISTING TREE #1 CUBBY MUD KITCHEN CHALKBOARD & INSTRUMENT BOARD

LEGEND



Tree Protection Zone (TPZ) Dashed Blue

Refer to Plant Schedule Refer to Existing Vegetation Plan (TP01)







Aggregate Concrete Driveway To Later Detail



Proposed New Raingarden Refer to Plant Schedule



Proposed New Synthetic Turf

Refer to Specification (TP04)



Reinstated/Repaired Naturestrip Refer to Specification (TP04)



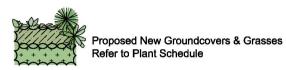
Refer to Plant Schedule



Proposed New Softfall Mulch Certified Pine Bark or Similar Approved Refer to Specification (TP04)



Area of Defendable Space Refer to Vegetation Management



PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	D/E N/Ex*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY
TREES						
TIL	Tristaniopsis laurina 'Luscious'	Luscious Water Gum	E/N	7 x 5m	2mH TOTAL	1 1
SHRUBS						
AcMC	Acacia cognata 'Mini Cog'	Dwarf River Wattle	E/N	1 x 1m	200mm pot	
BsCC	Banksia spinulosa 'Cherry Candles'	Cherry Candles Banksia	E/N	0.5 x 0.8m	200mm pot	
Cg	Correa glabra	Rock Correa	E/N	1 x 1m	200mm pot	
PWR	Philotheca 'Winter Rouge'	Winter Rouge Wax Flower	E/N	0.8 x 0.8m	200mm pot	
RsFB	Rhagodia spinescens 'Flat Bush'	Flat Bush Creeping Saltbush	E/N	0.4 x 1m	200mm pot	
WJG	Westringia fruticosa 'Jervis Gem'	Native Rosemary	E/N	1 x 1m	200mm pot TOTAL	
GROUNDC	OVERS & GRASSES					
AGV	Anigozanthos 'Gold Velvet'	Kangaroo Paw	E/N	0.5 x 0.5m	140mm pot	
Ae	Aspidistra elatior	Cast Iron Plant	E/Ex	1 x 0.6m	140mm pot	
Bm	Brachyscome multifida	Cut-leaf Daisy	E/N	0.4 x 0.4m	140mm pot	
Cap	Chrysocephalum apiculatum	Common Everlasting	E/N	0.5 x 0.8m	140mm pot	
CDB	Correa 'Dusky Bells'	Dusky Bells	E/N	0.5 x 1.5m	200mm pot	
DtT	Dianella tasmanica 'Tasred'	Tasred Flax Lily	E/N	0.4 x 0.4m	140mm pot	_
Go	Goodenia ovata 'Gold Cover'	Groundcover Goodenia	E/N	0.1 x 1m	140mm pot	TAIL
HSP	Hardenbergia violacea 'Sea of Purple'	Sea of Purple Coral Pea	E/N	0.4 x 1m	140mm pot	Е
LI	Lomandra longifolia	Spiny-headed Mat-rush	E/N	1 x 1-m	140mm pot	
LIT	Lomandra longifolia 'Tanika'	Tanika Mat-rush	E/N	0.6 x 0.6m	140mm pot	œ
Om	Orthrosanthus multiflorus	Morning Flag	E/N	0.5 x 0.5m	140mm pot	TE
Pl	Poa lab illardieri	Tussock Grass	E/N	0.8 x 0.8m	140mm pot TOTAL	LAT
GROUNDC	OVERS (Less than 100mm in height)				TOTAL	0
CgCl	Casuarina glauca 'Cousin It'	Cousin It Groundcover	E/N	0.1 x 1-1.5m	140mm pot	ĭ
Dr	Dichondra repens	Kidney Plant	E/N	0.1 x 1m	140mm pot	
MpY	Myoporum parvifolium 'Yareena'	Creeping Boobialla Yareena	E/N	0.1 x 1m	140mm pot	
Та	Trachelospermum asiaticum	Yellow Star Jasmine	E/Ex	0.1 x Spreading	140mm pot	
Vh	Viola hederacea	Native Violet	E/N	0.15 x Spreading	140mm pot TOTAL	
CLIMBERS					10172	
Ar	Aphanopetalum resinosum	Gum Vine	E/N	Tw ining Climber	140mm pot	
Hs	Hibertia scandens	Guinea Flower	E/N	Tw ining Climber	140mm pot TOTAL	
RAINGARD	EN					
Ca	Carex appressa	Tall Sedge	E/N	0.8 x 0.6m	140mm pot	
Fn	Ficinia nodosa	Knobby Club-rush	E/N	0.5-1.5 x 0.5-1m	140mm pot TOTAL	
		*D/E = Deciduous/Evergreen N/E	x = Native/Exc	tio		

VEGETATION MANAGEMENT REQUIREMENT

Defendable space is provided and is managed in accordance with the following requirements:

- Grass must be short cropped and maintained during the declared fire danger period.
- All leaves and vegetation debris must be removed at regular intervals during the declared fire danger period. Within 10 metres of a building, flammable objects must not be located close to the vulnerable parts of the
- Plants greater than 10 centimetres in height must not be placed within 3 metres of a window or glass feature of
- Shrubs must not be located under the canopy of trees. • Individual and clumps of shrubs must not exceed 5 square metres in area and must be separated by at least 5
- Trees must not overhang or touch any elements of the building. The canopy of trees must be separated by at least 5 metres.
- There must be a clearance of at least 2 metres between the lowest tree branches and ground level. Unless specified in a schedule or otherwise agreed in writing to the satisfaction of the relevant fire authority.

Construction of Play Equipment within TPZs

- Design of permanent play equipment is to be in accordance with the following when inside the Tree Protection Zone of trees to be retained;
- Existing grade is to be maintained within TPZs.
- Any decking is to be designed above existing
- grade (no-dig profile) Any excavation required (eg. for support posts or

encountered during excavation.

decking footings) is to be by hand only. Any footings are to be designed to be as widely spaced as possible with enough tolerance to allow slight relocation should significant roots be







1A Gear Avenue Mt Evelyn



CHECKED CAD FILE 22-444-TP Rev A.dwg

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AUG 2022

SCALE

2mh ACOUSTIC FENCE TO ARCHITECT'S DETAIL VEGGIE GARDEN OUTDOOR SAND PIT WITH KITCHEN SHADE SAIL ABOVE B —2mh CLEAR GLASS BALUSTRADE TO ARCHITECT'S DETAIL ANIMAL TRACKS + 227.61 NS OUTDOOR PLAY SPACE TO LATER DETAIL WORK BENCH -MOUND WITH LINE OF VERANDAH ROOF ABOVE STAFF ROOM FFL 232.67 JUNIOR WC PLANNING ROOM 5 ROOM 4 22 PLACES 4-5 yrs FFL 232.67 STORAGE 22 PLACES 4-5 yrs OFFICE (excluding storage and door swings) (excluding storage and door swings) MEETINGS/ MANAGER obs screening obs screening obs screening + 230.75 NS + 230.14 NS + 229.50 NS + 230.59 NS + 230.83 NS

LEGEND



Proposed New Pot Plants Refer to Plant Schedule



Proposed New Synthetic Turf Refer to Specification (TP04)



+ + + + + + Proposed New Raised Veggie Garden
To Later Detail

PLANT SCHEDULE

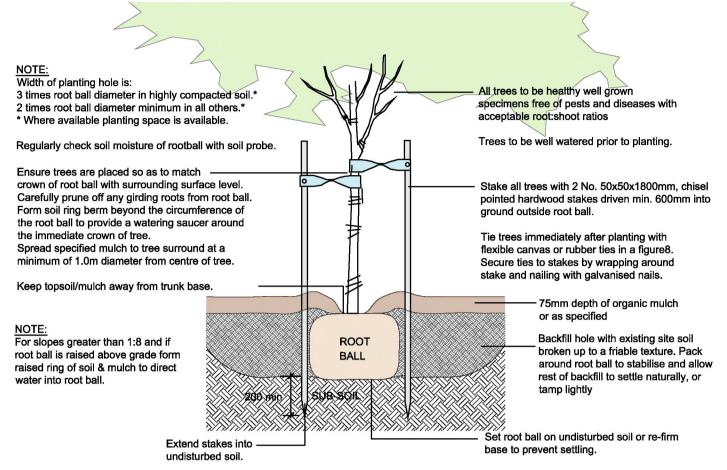
SYM	BOTANICAL NAME	COMMON NAME	D/E N/Ex*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	QTY
ROUNDC	OVERS & GRASSES					
ALL	Aloe x hybrida 'Lemon Lime'	Yellow Aloe	E/Ex	0.3 x 0.3m	200mm pot	
Ag	Agave geminifolia	Tw in Flower Agave	E/Ex	1 x 1m	200mm pot	_
CaBW	Crassula arborescens 'Blue Waves'	Blue Waves Crassula	E/Ex	0.45 x 0.45m	200mm pot	뒫
Ss	Senecio serpens	Blue Chalk Sticks	E/Ex	0.2 x 0.6m	200mm pot	
					TOTAL	
		*D/E = Deciduous/Evergreen	N/Ex = Native/Exotic			

DATE BY 15.11.2022 MGR





TYPICAL DETAILS



D1 TYPICAL TREE PLANTING DETAIL

Scale N.T.S.

Provide mounded topsoil berm to hold water during maintenance & establishment. Mulch 75mm depth or as specified. - New topsoil 300mm depth, or as specified, cultivated into existing subsoil min.150mm depth Break up sides and base of hole.

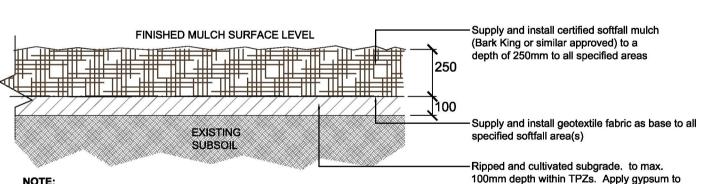
1. Dig hole twice as deep as root ball and allow at least 200mm around sides for backfilling with topsoil.

- Apply fertiliser in base of hole, cover with topsoil (type & rate as per spec.). Avoid root contact.
- 3. Place plant in centre of hole, backfill with specified topsoil, firming progressively.
- 4. Water well into saucer around crown of plant.

surface at manufacturer's rates.

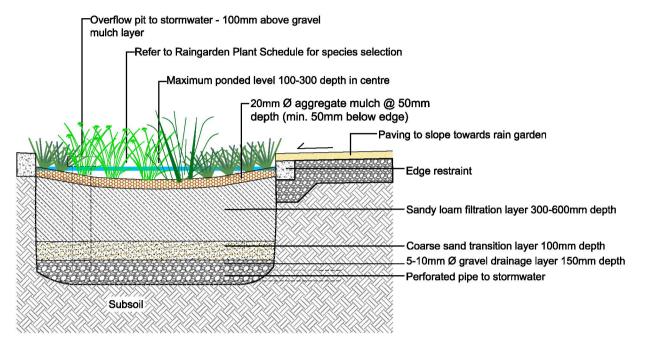
5. Stake larger shrubs where necessary using 50x50x1200mm hardwood stakes.

D2 TYPICAL SHRUB PLANTING DETAIL



All soft fall areas which fall within tree protection zones (TPZ) are to be cultivated no more than 100mm

D3 SOFTFALL DETAILS _ / Scale 1:20



D4 TYPICAL RAIN GARDEN IN GROUND DETAIL - Refer to Civil Documentation



D5 TYPICAL SYNTHETIC LAWN DETAIL _ / Scale 1:20

SPECIFICATION NOTES

Crushed rock, concrete spillage and any other material restrictive to plant growth (e.g. large rocks) shall be removed from the site of any planting beds and semi-advanced trees. All trees to be removed shall be stump ground and all rubbish/vegetative spoil is to be removed from site. Existing top soil in planting areas is to be preserved so that it does not receive additional compaction from site machinery and so that no rubble or building supplies are stored in these areas.

No imported top soil is to be used within the root zones of trees to be protected. Any preparation of existing soil for planting within these areas is to be done by hand only. Holes (e.g. as the result of plant removal) and uneven soil levels may be patched using topsoil as specified below.

Any imported topsoil is to be free of weeds, rubble and other materials damaging to plant growth and is to be of a medium texture (sandy loam) with a pH of 6.0-7.0. Top soil is to be laid over a prepared sub-base which has had any materials damaging to plant growth (e.g. rubble and large rocks) removed, spread to the appropriate depth and cultivated into the existing site soil to a minimum depth of 150mm.

Imported top soil is to be lightly and uniformly compacted in 150mm layers to a minimum depth of 100mm on lawn areas and 300mm on excavated planting beds.

All weeds shall be thoroughly removed. All vegetative material, including roots and rhizomes of non-woody perennials and woody suckering weeds, is to be removed or appropriately controlled using chemical means. The stumps of non-suckering woody perennials are to be stump ground. All vegetative material shall be appropriately disposed of off site in a manner which will not allow their re-establishment elsewhere. Any chemical controls are to be used in accordance with manufacturer's instructions and standard occupational health and safety procedures.

Care must be taken to ensure that all trees to be retained are not damaged during weed removal. This also implies that any herbicides used are suitable for use around the vegetation to be

Planting shall be carried out using accepted horticultural practices with all plants conforming to the species, size and quantities indicated on the Landscape Plan and Plant Schedule. Plants shall be thoroughly soaked through immersion in water prior to planting and if the planting soil is very dry then the planting hole is also to be filled with water and allowed to drain completely.

All plants shall be appropriately hardened off in the nursery. Use plants with the following characteristics: Large healthy root systems with no evidence of root curl or pot bound restriction or damage, vigorous, well established, free from disease and pests and of good form, consistent with the species or variety.

Planting holes for shrubs and groundcovers are to be of minimum size 75mm larger than the planting pot in all directions. Semi-advanced tree planting holes are to be the same depth as the rootball and 2-3 times its diameter, with the top of the rootball being at grade. A 75mm high berm is to be constructed at edge of root-ball to hold water. All plants are to be thoroughly watered after planting and slow release fertiliser added at the quantities specified by the manufacturer.

Mulch - Play Areas

A certified mulch as per AS 4422 (Bark King or similar approved) is to be supplied to all play areas and is to be an organic type laid to a minimum depth of 300mm, consisting of coarse grade pine bark with zero fines. Mulch shall be free of sharp materials and damaging matter such as soil, weeds and sticks.

Mulch - Garden Beds

Mulch is to be supplied to all garden beds and is to be an organic type laid to a minimum depth of 75mm, consisting of fine dark coloured chipped or shredded pine bark or hardwood with not more than 5% fines content by volume (preferably zero fines). The average size of the woodchip must be approximately 10mm x 20mm x 5mm and the maximum length is not to exceed 30mm. Mulch shall be free of damaging matter such as soil, weeds and sticks and is to be stockpiled and thoroughly weathered prior to delivery. Mulch is to be kept back 100mm from the stems of all plants to prevent collar rot.

Synthetic Lawn

Supply and install 'Tru Lawn Cool Plus', or similar approved, synthetic lawn to areas as shown. Preparation: Lay 100mm crushed rock base, compact to 15-20mm below finished height of surrounding edging/paving. Install to manufacturer's directions then top dress synthetic lawn

a broom to sweep in and brush grass blades straight.

with a fine, dry 'ecofill' silica sand to a thickness of 15-20mm. Use

Provide 75 x 25mm treated pine edges to all borders between paths, mulched play areas and garden beds using 75x25x300mm long treated pine stakes at 1200mm maximum centres. An additional stake is to be provided at joins in the plinth.

An approved drip irrigation system is to be supplied to all planter boxes & garden beds. It is the responsibility of the contractor to ensure that all irrigation meets manufacturers specifications. The system is to be connected to mains supply and include a rain-shut off device. All dripline is to be buried with approx. 50mm of topsoil cover and shall be anchored at regular intervals to ensure the tubing cannot be dislodged.

Raised Planter Boxes Raised planter construction is to include, but not necessarily be

limited to, the supply and installation of agricultural drains, drainage cells at base, filter fabric, planting medium, mulch and rrigation. Planter boxes must be effectively tanked and lined with coreflute to prevent leaking.

Drainage cells are to be provided at the base of the planter and are to be covered with a layer of filter fabric. A drainage outlet is to be installed in the base of the planter with the floor of the planter sloped towards it. Provide a root anchor if trees are to be planted in a windy location.

Supply and spread evenly a special planter mix. (to be advised) Compact evenly in 100mm layers. Avoid differential subsidence and excess compaction and produce a finished surface that is graded evenly and ready for planting. Allow for 50mm layer of specified mulch to top of beds and a finished level 25-50mm below the planter rim. Drip irrigation as specified is to be installed beneath the mulch layer.

Repair/Restoration of damaged Nature-strips

Nature strips are to be restored to current grades with any depressions filled with topsoil to specifications above and lightly compacted in 150mm layers. Areas are then to be re-seeded using an appropriate and matching turf type and the area fenced off to allow the re-establishment of lawn. Re-seeded areas are to be well irrigated and the area supplied with a slow release fertiliser at the quantities recommended by the manufacturer.

Any areas of lawn which have failed to germinate (achieve an evenly green 95% covering of a consistent height) are to be re-seeded within one month of original sowing date.

Plant Establishment Period

There shall be a 13 weeks Plant Establishment Period following the approval of Practical Completion by the responsible authority. During this period the landscape contractor shall make good all defects in his/her scope of works. Maintenance and Establishment means the care and maintenance of the contract area by accepted horticultural practices, as well as rectifying any defects that become apparent in the work under normal use. This shall include, but shall not be limited to watering, fertilising, weeding, pruning, pest and disease control, cultivation, re-staking and replacement of any plants that fail with plants of the same species and size.

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DATE 15.11.2022 MGR

PROJECT **Proposed Childcare**

1A Gear Avenue Mt Evelyn

Typical Details & Specification Notes for Town Planning

SCALE AS SHOWN @ A1 AUG 2022 CHECKED 22-444 L-TP04 Rev A CAD FILE 22-444-TP Rev A.dwg