1A TRUMAN AVENUE, RIVERWOOD, NSW 2210 PROPOSED CHILDCARE CENTRE DEVELOPMENT

LANDSCAPE CONCEPT DESIGN

DRAWING LIST -

SHEET:	TITLE:
H292_LP_00	COVER SHEET
H292_LP_01	LANDSCAPE CONCEPT PLAN - GROUND FLOOR
H292_LP_02	LANDSCAPE CONCEPT PLAN - FIRST FLOOR
H292_LP_03	LANDSCAPE PLANTING PLAN - GROUND FLOOR
H292_LP_04	LANDSCAPE PLANTING PLAN - FIRST FLOOR
H292_LP_05	LANDSCAPE CHARACTER IMAGERY
H292_LP_06	NOTES & PRELIMINARY SPECIFICATION
H292_LP_07	CONSTRUCTION DETAILS



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certification purposes.

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Issue	Code	Issue Description	Ву	Chk	Date
Α	CA	FOR APPROVAL	NZ	GT	16.06.25
PRE - Preliminary CA - Council Approval T - Tender CON - Construction					

LANDSCAPE DESIGN STATEMENT

CHILD CARE CENTRE:

The intent of the landscape design is to create functional and highly robust landscape that contributes positively to the local landscape character, provides a high level of amenity and allows children to safely explore and experience the natural environment. The landscape design also aims to deliver consistent planning outcomes and design quality for centre-based child care facilities in accordance with the NSW Child Care Planning Guideline 2021 and the Georges River Council 2021 DCP Part 4 - General Land Use, Section 4.2 'Early Education and Child Care Facilities' and all other relevant DCP sections

Minimum requirements for unencumbered outdoor play space have been achieved with the design tailored to provide a variety of experiences that facilitate the development of cognitive and physical skills, provide opportunities for social interaction and appreciation of the natural environment. In addition, there has been a focus to enhance outdoor learning, socialisation and recreation by positioning outdoor furniture and play equipment in configurations that facilitate interaction.

Design details, finishes and materials will be complimentary to the architectural style to provide visual consistency throughout the development whilst being low-maintenance and hard wearing to reflect the intended use. The softscape palette has been selected in response to the climatic conditions of the local area with the planting hierarchy reflecting Crime Prevention through Environmental Design (CPTED) principles. A balance of sunlight and shade have been provided to play areas to ensure the health and wellbeing of children and staff with a combination of built and natural shade elements included throughout the play spaces in key locations.

Species have been selected based on their reliability and low maintenance characteristics. A focus has been given to the inclusion of locally endemic species where possible to compliment the landscape character of the area whilst also contribute to the local biodiversity. Where necessary, accent and exotic species have been utilised in key locations to achieve the desired planting effects, amenity and visual interest.

Landscape buffers and screen planting have been implemented to the boundary interfaces with adjoining allotments where possible and to provide a high level of visual and acoustic privacy, prevent overlooking as well as soften the built form to reduce any visual impact and contribute to the public amenity.



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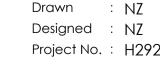
COVER SHEET

CLIENT



Homes

NSW



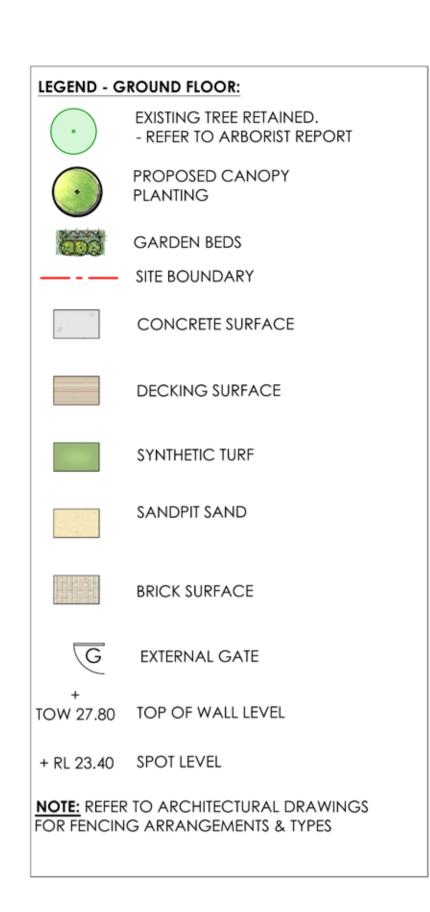


SHEET NUMBER H292_LP_00

REVISION

RIVERWOOD

PROJECT







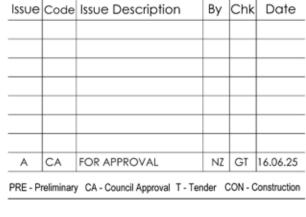
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PROJECT

PROPOSED DEVELOPMENT 1A TRUMAN AVENUE,

DRAWING TITLE

LANDSCAPE CONCEPT PLAN

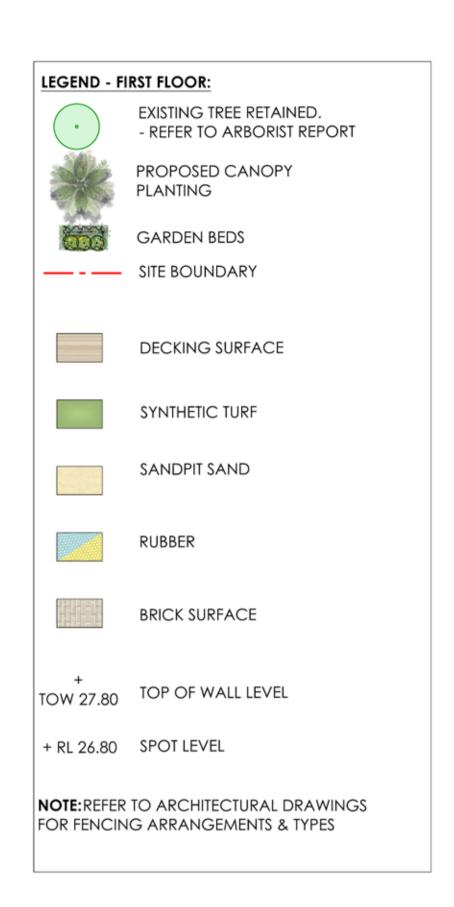


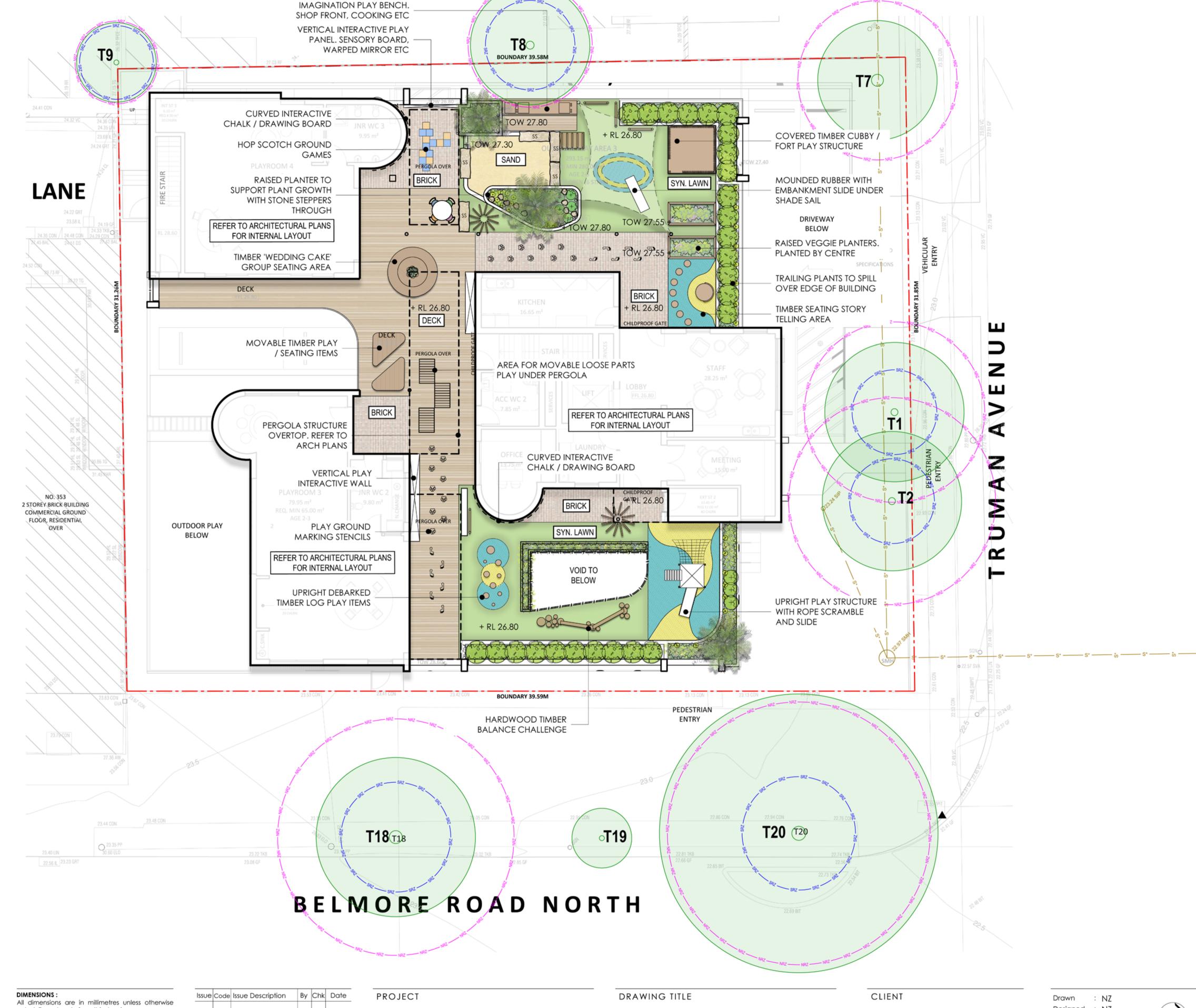
Drawn : NZ Designed : NZ Project No.: H292

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RIVERWOOD - GROUND FLOOR

Homes NSW





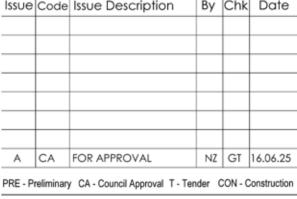


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PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD

LANDSCAPE CONCEPT PLAN

- FIRST FLOOR



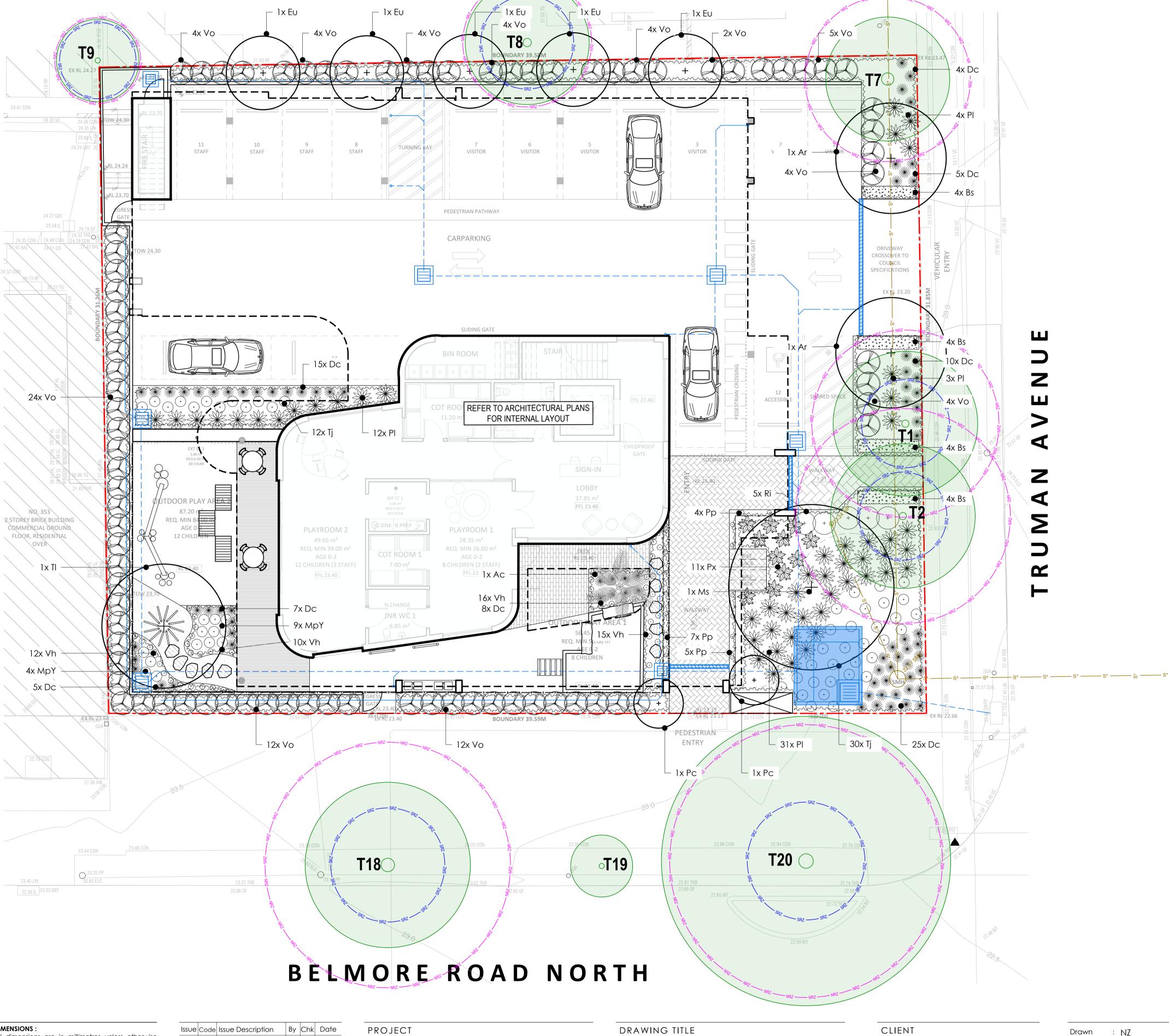


Designed : NZ Project No.: H292

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Homes NSW

	PLA	ANT SCHEDULE - GRO	OUND FLC	OR		
CODE	BOTANICAL NAME	COMMON NAME	HEIGHT	SPACING	POT SIZE	QTY
TREES	& PALMS		1			
Ar	Acer rubrum 'Fairview Flame'	Fairview Flame Maple	10m	As Shown	75L	2
Ac	Archontophoenix cunninghamiana	Bangalow Palm	10m	As Shown	75L	1
Eu	Elaeocarpus eumundi	Smooth Leaved Quandong	8m	As Shown	75L	5
Ms	Melaleuca styphelioides	Prickley Leaved Paperbark	10m	As Shown	75L	1
Pc	Pyrus calleryana 'Capital'	Ornamental Pear	10m	As Shown	75L	2
TI	Tristaniopsis laurina 'Luscious'	Water Gum	10m	As Shown	75L	1
HEDGE	S, SHRUBS & ACCENTS					
Bs	Buxus sempervirens	Common Box	1.5m	As Shown	300mm	16
Px	Philodendron 'Xanadu'	Xanadu Philo	1m	As Shown	300mm	11
Ri	Rhaphiolepis indica 'Snow Maiden'	Indian Hawthorn	1m	As Shown	300mm	5
Vo	Viburnum odoratissimum	Sweet Viburnum	3m	As Shown	300mm	83
GRASS	ES, GROUNDCOVERS & CL	IMBERS				
Dc	Dianella caerulea	Blue Flax Lilly	0.5m	As Shown	140mm	79
MpY	Myoporum parvifolium 'Yareena'	Creeping Boobialla	Creeper	As Shown	140mm	13
PI	Poa labillardieri 'Eskdale'	Tussock Grass	1m	As Shown	140mm	51
Рр	Pandorea pandorana 'Lady Di'	Wonga Wonga Vine	Climber	As Shown	140mm	16
Tj	Trachelospermum jasminoides	Star Jasmine	Climber	As Shown	140mm	43
Vh	Viola hederacea	Native Violet	0.2m	As Shown	140mm	53

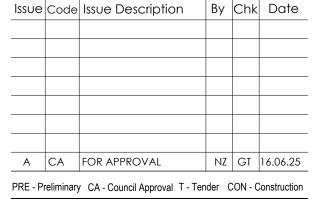




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PROJECT

PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD

DRAWING TITLE

LANDSCAPE PLANTING PLAN - GROUND FLOOR



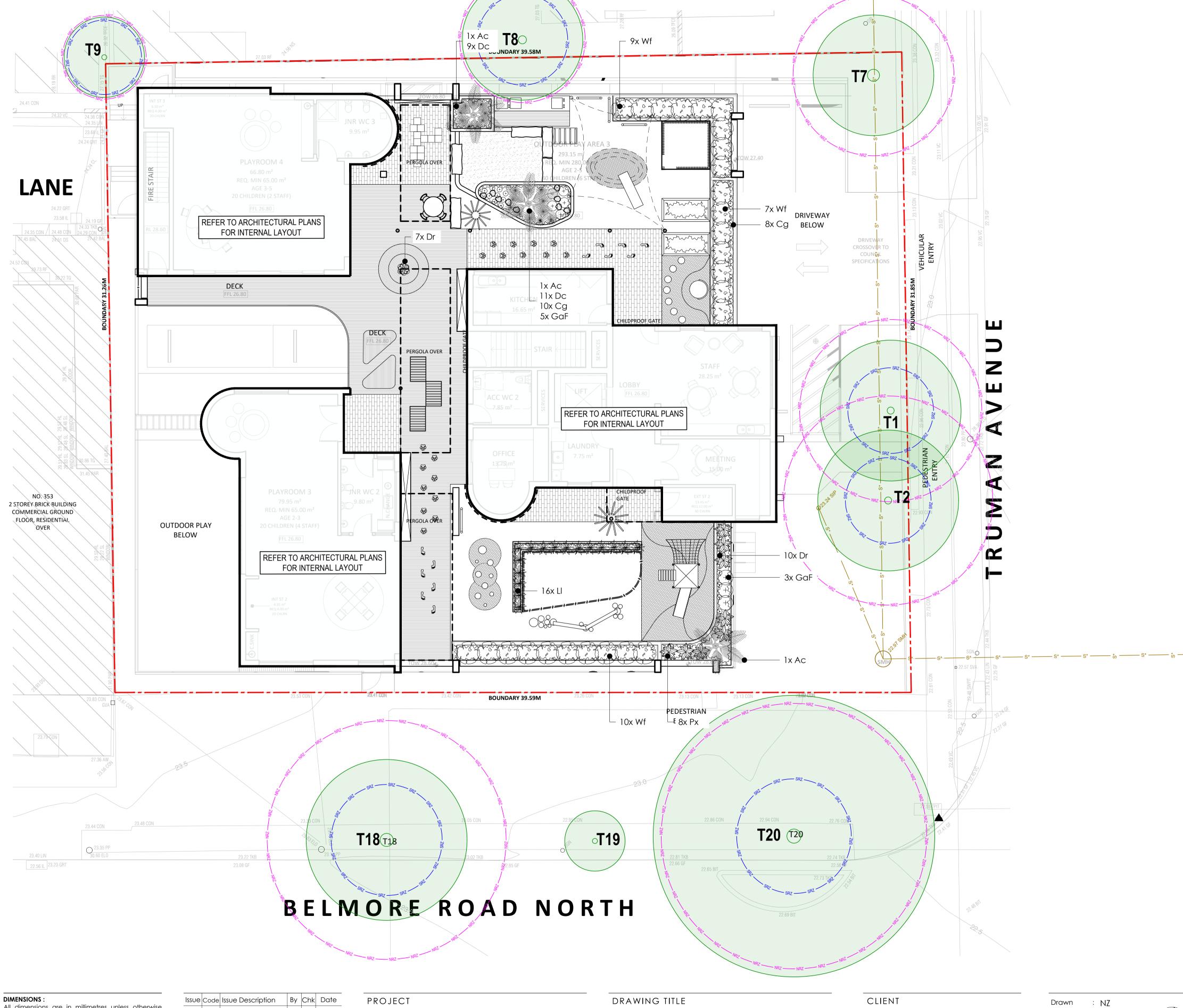
Homes

NSW

Drawn : NZ Designed : NZ Project No.: H292

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PLANT SCHEDULE - FIRST FLOOR							
CODE	BOTANICAL NAME	COMMON NAME	HEIGHT	SPACING	POT SIZE	QTY	
TREES	& PALMS						
Ac	Archontophoenix cunninghamiana	Bangalow Palm	10m	As Shown	75L	3	
HEDGES, SHRUBS & ACCENTS							
GaF	Gardenia augusta 'Florida'	Gardenia 'Florida'	1.5m	As Shown	300mm	8	
Px	Philodendron 'Xanadu'	Xanadu Philo	1m	As Shown	300mm	8	
Wf	Westringia fruticosa	Coastal Rosemary	1.5m	As Shown	300mm	26	
GRASSES, GROUNDCOVERS & CLIMBERS							
Dc	Dianella caerulea	Blue Flax Lilly	0.5m	As Shown	140mm	20	
Dr	Dichondra repens 'Silver Falls'	Kidney Weed	Creeper	As Shown	140mm	17	
Cg	Casuarina glauca 'Cousin It	Shagpile She-Oak	Creeper	As Shown	140mm	18	



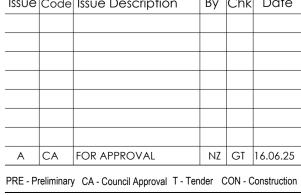


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PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD



Designed : NZ Project No.: H292

1:100 @ A1 / 1:200 @ A3 SHEET NUMBER H292_LP_04 REVISION

LANDSCAPE PLANTING PLAN - FIRST FLOOR Homes NSW





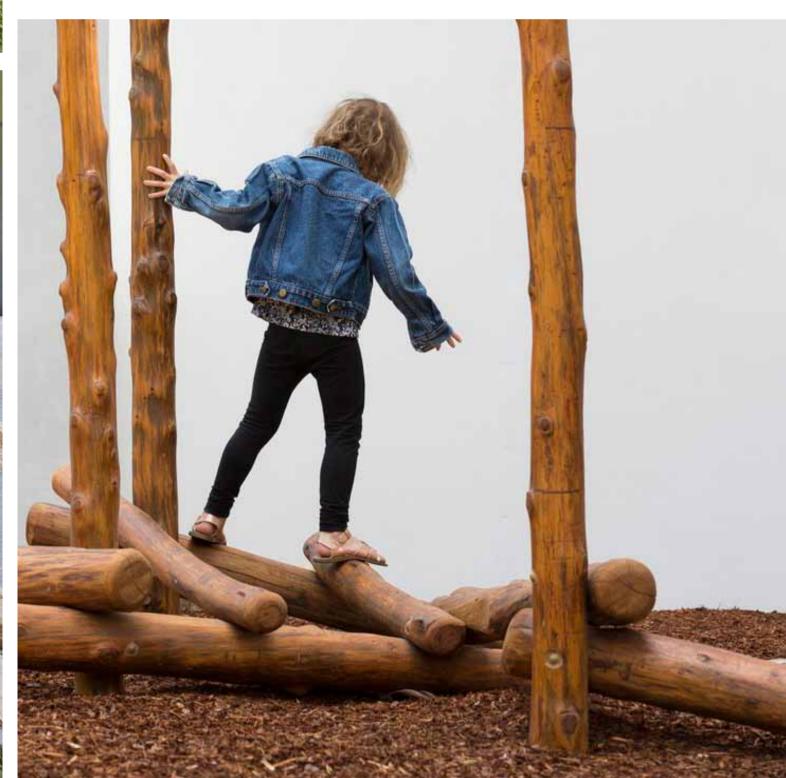
















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PROJECT

PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD

DRAWING TITLE

LANDSCAPE CHARACTER **IMAGERY**



CLIENT

Drawn : NZ Designed : NZ Project No.: H292

Homes

SHEET NUMBER H292_LP_05

PRELIMINARY SPECIFICATION

BEFORE LANDSCAPE WORK IS COMMENCED THE LANDSCAPE CONTRACTOR IS TO ESTABLISH THE POSITION OF ALL SERVICE LINES AND ENSURE TREE PLANTING IS CARRIED OUT A SUFFICIENT DISTANCE AWAY FROM THESE SERVICES TO AVOID CONFLICT, SERVICE LIDS, VENTS AND HYDRANTS SHALL BE LEFT EXPOSED AND NOT COVERED BY ANY LANDSCAPE FINISHES (TURFING, PAVING, GARDEN BEDS ETC.) FINISH ADJOINING

SURFACES FLUSH WITH PIT LIDS. ARBORIST MANAGEMENT OF TREE PROTECTION

AN ARBORIST WITH MINIMUM AQF5 QUALIFICATIONS IS TO BE CONTRACTED TO UNDERTAKE OR MANAGE THE INSTALLATION OF PROTECTIVE FENCING AND TO UNDERTAKE SUCH MEASURES AS THEY DEEM APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO UNDERTAKE ONGOING MANAGEMENT AND REVIEW OF THE TREES. PODIUM PLANTING

ENSURE AN ADEQUATE WATERPROOFING MEMBRANE TO ENGINEER'S DETAIL TO HAS BEEN APPLIED ALL PODIUM PLANTERS ON SITE. FOLLOWING APPLICATION OF THE MEMBRANE, CORFLUTE SHEETING IS TO BE APPLIED TO THE BOTTOM AND SIDES OF ALL PLANTERS TO PREVENT FUTURE RUPTURING. PODIUM PLANTERS ARE TO THEN INCLUDE AN APPROVED 'DRAINAGE CELL' PRODUCT TO COMPREHENSIVELY COVER THE BOTTOM OF THE STRUCTURE. OVER THE DRAINAGE CELL, A GEOTEXTILE LINING IS TO BE INSTALLED, TURNED UP 300MM AND TAPED TO THE PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE OUTLETS/HOLES. INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO INSTALLATION OF A SUITABLE PLANTER SOIL MIX. **RETAINING WALLS**

RETAINING WALLS AND ASSOCIATED DRAINAGE MATERIAL IS TO BE CONSTRUCTED TO THE STRUCTURAL ENGINEER'S DETAIL.

EXISTING SUB-GRADE IN PLANTING AREAS TEST SUBSOIL DRAINAGE TO ALL TREE PLANTING POSITIONS AND PLANTING AREAS. IF NECESSARY EXCAVATE UNDER TREE PLANTING POSITION DOWN THROUGH IMPERMEABLE MATERIAL TO A PERMEABLE SUB-GRADE DEPTH. REMOVE EXCAVATED MATERIAL FROM SITE AND REPLACE WITH A POROUS MATERIAL AND SUITABLE GROWING MEDIUM FOR NOMINATED SPECIES. SETTLE BACKFILL TO PREVENT SUBSIDENCE.

FINISHED LEVELS AND GRADES CONSTRUCT FINISHED GRADES TO THE FINISHED LEVELS SHOWN ON THE CIVIL DRAWINGS. ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PLANTED AREAS AND PATHWAYS ARE TO DRAIN TO SPECIFIED Drainage Collection Points as indicated on the Hydraulic Engineer's Drawings. Ensure a maximum grade of 1:4 to all planted and turfed areas.

INSTALL METAL GRATE, PVC BODY DRAINAGE PITS AS INDICATED ON THE HYDRAULIC ENGINEER'S DRAWINGS. CONNECT PITS TO STORMWATER SYSTEM - BY PLUMBER.

PAVEMENT SETOUT AS PER SETOUT PLAN. FINISHED LEVELS, MATERIALS AND PAVING INSTALLATION TO ARCHITECT'S SPECIFICATION.

CULTIVATE ALL PLANTING AREAS AND SET DOWN SUB-GRADE TO ACCOMMODATE IMPORTED TOPSOIL TO BE INSTALLED TO A MINIMUM 300MM DEPTH. IF DEEMED SUITABLE BY THE LANDSCAPE ARCHITECT, IMPROVED SITE SOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL PENDING COMPLIANCE WITH THE PROVISIONS OUTLINED IN AS4419.

APPLY APPROVED ORGANIC MULCH (ANL 'FOREST FINES' OR SIMILAR) TO A DEPTH OF 75MM TO ALL PLANTED AREAS. ENSURE CLEARANCE TO PLANT STEMS AND RAKE TO AN EVEN SURFACE FINISHING 25MM BELOW ADJOINING LEVELS. ENSURE MULCH IS WATERED IN DURING INSTALLATION.

FOR GENERAL PLANTED AREAS; APPLY APPROVED FERTILISER INTENDED FOR SLOW RELEASE OF PLANT NUTRIENTS OVER A PERIOD OF APPROXIMATELY NINE (9) MONTHS. THOROUGHLY MIX FERTILISER WITH PLANTING MIXTURE AT THE RECOMMENDED RATE AND IN ACCORDANCE WITH RECOGNISED HORTICULTURAL PRACTICE PRIOR TO INSTALLING PLANTS. FOR LAWN AREAS; APPROVED 'LAWN FOOD' OR EQUIVALENT SHALL BE THOROUGHLY MIXED THROUGH TOPSOIL PRIOR TO PLACING TURF. FOR ESTABLISHED TREE PLANTING; 'AGRIFORM PLANTING TABLETS' OR EQUIVALENT ARE TO BE APPLIED AT THE RECOMMENDED RATE WITHIN THE PLANTING MEDIUM ADJACENT TO THE BASE OF THE ROOT BALL AT TIME OF PLANTING.

ALL PLANTS SUPPLIED ARE TO CONFORM WITH THOSE SPECIES LISTED IN THE PLANT SCHEDULE ON THE LANDSCAPE DRAWINGS, GENERALLY PLANTS SHALL BE: VIGOROUS, WELL ESTABLISHED, HARDENED OFF, OF GOOD FORM CONSISTENT WITH SPECIES OR VARIETY, NOT SOFT OR FORCED, FREE FROM DISEASE OR PESTS, HAVE LARGE HEALTHY ROOT SYSTEMS AND NO EVIDENCE OF HAVING BEEN RESTRICTED OR DAMAGED. TREES SHALL HAVE A LEADING SHOOT. IMMEDIATELY REJECT DRIED OUT, DAMAGED OR UNHEALTHY PLANT MATERIAL BEFORE PLANTING. ALL STOCK IS TO BE CONTAINER GROWN FOR A MINIMUM OF SIX (6) STAKING AND TYING

STAKES SHALL BE STRAIGHT, UNPAINTED HARDWOOD FREE FROM KNOTS AND TWISTS, POINTED AT ONE END AND SIZED ACCORDING TO SIZE OF PLANTS TO BE STAKED.

A. 5 - 15 LITRE SIZE PLANT 1 x (1200X25X25MM) 35 - 75 LITRE SIZE PLANT 2 x (1500X38X38MM)

C. 100 - ≥200 LITRE 3 x (1800X50X50MM)

TIES SHALL BE 50MM WIDE HESSIAN WEBBING OR APPROVED EQUIVALENT NAILED OR STAPLED TO STAKE. DRIVE STAKES A MINIMUM ONE THIRD OF THEIR LENGTH (AVOIDING DAMAGE TO THE ROOT SYSTEM) ON THE WINDWARD SIDE OF THE PLANT.

TURF IS TO BE OF A SPECIES CONSISTENT WITH THAT SHOWN ON THE LANDSCAPE DRAWINGS AND IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25MM. OBTAIN TURF FROM AN APPROVED GROWER, DELIVER TO SITE WITHIN TWENTY FOUR (24) HOURS OF BEING CUT, AND LAY WITHIN TWENTY FOUR (24) HOURS OF BEING DELIVERED, TO PREPARE GRADED AREAS TO RECEIVE TURF, EXCAVATE THE AREA AND CULTIVATE SO AS TO ALLOW FOR IMPORTING OF 100MM OF TURF UNDERLAY SOIL. REMOVE ALL STONES OVER 20MM Ø AS WELL AS ALL WEEDS AND FOREIGN MATTER. SPREAD TURF UNDERLAY SOIL TO A DEPTH OF 100MM AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE OUTLETS INSTALLED BY OTHERS - TURF AREAS ARE TO HAVE MINIMUM 1:50 CROSSFALL TO ENSURE MINIMUM DRAINAGE REQUIREMENTS. TURF IS TO BE LAID ALONG RESOLVED LAND CONTOURS WITH STAGGERED, CLOSE BUTTED, JOINTS SO THAT THE FINISHED TURF SURFACE IS FLUSH WITH ADJACENT FINISHED SURFACES OF PAVING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90KG PER METRE OF WIDTH. WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM. PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. TWO (2) WEEKS AFTER INSTALLATION, APPLY APPROVED ORGANIC TOP DRESSING SOIL (ANL 'ORGANIC TOP DRESSING' OR SIMILAR) TO A DEPTH OF 15MM TO ALL TURFED AREAS. RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACES. TREATED PINE TIMBER EDGING

TIMBER EDGE: 100 X 25MM H4 TREATED PINE.

TIMBER STAKES: 50 X 50 X 500MM H4 TREATED PINE-SHARPENED AT ONE END.

INSTALL IN LOCATIONS SHOWN ON THE DRAWINGS FLUSH TO FINISHED SURFACE LEVELS.

MARK TREES AND SHRUBS TO BE RETAINED WITH SUITABLE NON-INJURIOUS, EASILY VISIBLE AND REMOVABLE MEANS OF IDENTIFICATION CONSISTENT WITH THE TREE NUMBERING SYSTEM INDICATED ON THE LANDSCAPE DRAWINGS.

GENERAL TREE PROTECTION NOTES*

*PLEASE NOTE: THE FOLLOWING INFORMATION IS FOR GUIDANCE PURPOSES ONLY, WHERE EXISTING TREES ARE TO BE RETAINED, IT IS RECOMMENDED THAT A PROJECT ARBORIST WITH MINIMUM AQF5 QUALIFICATIONS BE ENGAGED TO PREPARE A DEDICATED TREE PROTECTION SPECIFICATION PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR LANDSCAPE WORKS.

PROTECTION AND REPAIR: PROTECT TREES AND SHRUBS TO BE RETAINED FROM DAMAGE, INCLUDING THOSE BEYOND THE SITE AREA, BOTH ABOVE AND BELOW GROUND. REPAIR ANY DAMAGE TO THE TREES TREE PROTECTION FENCING: PROVIDE TEMPORARY PROTECTIVE FENCING TO THE TREE DRIP LINE PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION, CONSTRUCTION OR LANDSCAPE WORKS. FENCING IS TO BE

OF CHAIN WIRE MESH PANELS WITH SHADE CLOTH ATTACHED AND IS TO BE HELD IN PLACE WITH CONCRETE FEET. WORK NEAR TREES: THE AREAS WITHIN THE DRIPLINE OF THE TREES ARE TO BE KEPT FREE OF CONSTRUCTION MATERIALS AND DEBRIS. DO NOT PLACE BULK MATERIALS AND HARMFUL MATERIALS UNDER OR NEAR TREES. DO NOT PLACE SPOIL FROM EXCAVATION WITHIN THIS AREA. PREVENT WIND-BLOWN MATERIALS SUCH AS CEMENT FROM HARMING TREES AND PLANTS. PREVENT DAMAGE TO TREE BARK. DO NOT ATTACH STAYS, GUYS AND THE LIKE TO TREES. DO NOT REMOVE TOPSOIL FROM, OR ADD TOPSOIL TO THE AREAS WITHIN THE DRIPLINE OF THE TREES. IF EXCAVATION IS REQUIRED NEAR TREES TO BE RETAINED, GIVE NOTICE AND OBTAIN INSTRUCTIONS FROM A SUITABLY QUALIFIED AQF5 ARBORIST. OPEN UP EXCAVATIONS UNDER TREE CANOPIES FOR AS SHORT A PERIOD AS POSSIBLE. USE HAND METHODS TO LOCATE, EXPOSE AND CLEANLY REMOVE THE ROOTS ON THE LINE OF EXCAVATION. IF IT IS NECESSARY TO EXCAVATE WITHIN THE DRIPLINE, USE HAND METHODS SUCH THAT ROOT SYSTEMS ARE PRESERVED INTACT AND UNDAMAGED. DO NOT CUT TREE ROOTS EXCEEDING 50MM IN DIAMETER. WHERE IT IS NECESSARY TO CUT THESE ROOTS, USE MEANS SO TO NOT UNDULY DISTURB THE REMAINING ROOT SYSTEM. BACKFILL TO EXCAVATIONS NEAR TRE ROOTS WITH A MIXTURE CONSISTING OF 3 PARTS BY VOLUME OF TOPSOIL AND 1 PART OF WELL ROTTED COMPOST WITH A NEUTRAL PH VALUE, FREE FROM WEED GROWTH AND HARMFUL MATERIALS. PLACE THE BACKFILL LAYERS, EACH OF 300MM MAXIMUM DEPTH COMPACTED TO A DRY DENSITY, SIMILAR TO THAT OF THE ORIGINAL STATE. DO NOT BACKFILL AROUND TRUNKS TO A EIGHT GREATER THAN 300MM ABOVE THE ORIGINAL GROUND SURFACE. IMMEDIATELY AFTER BACKFILLING THOROUGHLY WATER THE ROOT ZONE SURROUNDING THE TREE. DO NOT COMPACT THE GROUND UNDER TREES - IF COMPACTION OCCURS, GIVE

NOTICE AND OBTAIN INSTRUCTIONS. WATER THE TREES AS NECESSARY, INCLUDING WHERE ROOTS AREA EXPOSED AT AN AMBIENT TEMPERATURE. COMPLIANCE WITH AUSTRALIAN STANDARDS: ALL TREE PROTECTION WORKS ARE TO BE COMPLIANT WITH THE PROVISIONS OUTLINED WITHIN AS4970-2009 - PROTECTION OF TREES ON DEVELOPMENT SITES

LANDSCAPE MAINTENANCE PROGRAM

MAINTENANCE SHALL MEAN THE CARE AND MAINTENANCE OF THE LANDSCAPE WORKS BY ACCEPTED HORTICULTURAL PRACTICE AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE LANDSCAPE WORKS UNDER NORMAL USE. THIS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO; WATERING, MOWING, FERTILISING, RESEEDING, RETURFING, WEEDING, PEST AND DISEASE CONTROL, STAKING AND TYING, REPLANTING, CULTIVATION, PRUNING, AERATING, RENOVATING, TOP DRESSING, MAINTAINING THE SITE IN A NEAT AND TIDY CONDITION AS FOLLOWS:

THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE WORKS FOR THE TERM OF THE MAINTENANCE (OR PLANT ESTABLISHMENT) PERIOD TO THE SATISFACTION OF THE COUNCIL. THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL ATTEND TO THE SITE ON A FORTNIGHTLY BASIS. THE MAINTENANCE PERIOD SHALL COMMENCE AT PRACTICAL COMPLETION AND CONTINUE FOR A PERIOD OF TWENTY SIX (26) WEEKS.

WATERING GRASS, TREES AND GARDEN AREAS SHALL BE WATERED REGULARLY SO AS TO ENSURE CONTINUOUS HEALTHY GROWTH.

DURING THE TERM OF THE MAINTENANCE PERIOD THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL REMOVE RUBBISH THAT MAY OCCUR AND REOCCUR THROUGHOUT THE MAINTENANCE PERIOD. THIS WORK SHALL BE CARRIED OUT REGULARLY SO THAT AT FORTNIGHTLY INTERVALS THE AREA MAY BE OBSERVED IN A COMPLETELY CLEAN AND TIDY CONDITION. REPLACEMENTS

THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL REPLACE ALL PLANTS THAT ARE MISSING, UNHEALTHY OR DEAD AT THE LANDSCAPE MAINTENANCE CONTRACTOR'S COST. REPLACEMENTS SHALL BE OF THE SAME SIZE, QUALITY AND SPECIES AS THE PLANT THAT HAS FAILED UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. REPLACEMENTS SHALL BE MADE ON A CONTINUING BASIS, NOT EXCEEDING TWO (2) WEEKS AFTER THE PLANT HAS DIED OR IS SEEN TO BE MISSING, UNTIL THE END OF THE MAINTENANCE PERIOD.

STAKES AND TIES THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL REPLACE OR ADJUST PLANT STAKES, AND TREE GUARDS AS NECESSARY OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. REMOVE STAKES AND TIES AT THE END OF THE MAINTENANCE PERIOD IF SO DIRECTED

TREES AND SHRUBS SHALL BE PRUNED AS DIRECTED BY THE LANDSCAPE ARCHITECT AND PROJECT ARBORIST. PRUNING WILL BE DIRECTED AT THE MAINTENANCE OF THE DENSE FOLIAGE OR MISCELLANEOUS PRUNING AND BENEFICIAL TO THE CONDITION OF THE PLANTS, ANY DAMAGED GROWTH SHALL BE PRUNED. ALL PRUNED MATERIAL SHALL BE REMOVED FROM THE SITE.

MULCHED SURFACES ALL MULCHED SURFACES SHALL BE MAINTAINED IN A CLEAN AND TIDY CONDITION AND BE REINSTATED IF NECESSARY TO ENSURE THAT A DEPTH OF 75MM IS MAINTAINED. ENSURE MULCH IS KEPT CLEAR OF PLANT

STEMS AT ALL TIMES. **PEST AND DISEASED CONTROL**

THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL SPRAY AGAINST INSECT AND FUNGUS INFESTATION WITH ALL SPRAYING TO BE CARRIED OUT IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS. REPORT ALL INSTANCES OF PESTS AND DISEASES (IMMEDIATELY AS THEY ARE DETECTED) TO THE LANDSCAPE ARCHITECT.

GRASS AND TURF AREAS THE LANDSCAPE MAINTENANCE CONTRACTOR SHALL MAINTAIN ALL GRASS AND TURF AREAS BY WATERING, WEEDING, DRESSING, ROLLING, MOWING, TRIMMING OR OTHER OPERATIONS AS NECESSARY. SEED AND TURF SPECIES SHALL BE THE SAME AS THE ORIGINAL SPECIFIED MIXTURE. GRASS AND TURF AREAS SHALL BE SPRAYED WITH APPROVED SELECTIVE HERBICIDE AGAINST BROAD LEAFED WEEDS AS REQUIRED BY THE LANDSCAPE ARCHITECT AND IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS, GRASS AND TURF AREAS SHALL BE FERTILISED ONCE A YEAR IN AUTUMN WITH "DYNAMIC LIFTER" (OR SIMILAR) FOR LAWNS AT A RATE OF 20KG PER 100M2. FERTILISER SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. IRREGULARITIES IN THE GRASS AND TURF SHALL BE WATERED IN IMMEDIATELY AFTER APPLICATION. GRASS AND TURF AREAS SHALL BE KEPT MOWN TO MAINTAIN A HEALTHY AND VIGOROUS SWARD. MOWING HEIGHT: 30-50MM.

ERADICATE WEEDS BY ENVIRONMENTALLY ACCEPTABLE METHODS USING A NON-RESIDUAL GLYPHOSATE HERBICIDE (EG. 'ROUNDUP') IN ANY OF ITS REGISTERED FORMULAE, AT THE RECOMMENDED MAXIMUM RATE. REGULARLY REMOVE BY HAND. WEED GROWTH THAT MAY OCCUR OR RECUR THROUGHOUT GRASSED. PLANTED AND MULCHED AREAS. REMOVE WEED GROWTH FROM AN AREA 750MM DIAMETER AROUND THE BASE OF TREES IN GRASSED AREAS. CONTINUE ERADICATION THROUGHOUT THE COURSE OF THE WORKS AND DURING THE MAINTENANCE PERIOD.

ANY SOIL SUBSIDENCE OR EROSION WHICH MAY OCCUR AFTER THE SOIL FILLING AND PREPARATION OPERATIONS SHALL BE MADE GOOD BY THE LANDSCAPE CONTRACTOR AT NO COST TO THE CLIENT.

IRRIGATION SYSTEM

IRRIGATION SYSTEM: SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH AREA-SPECIFIC SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT. A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY A SUITABLY QUALIFIED IRRIGATION CONTRACTOR; SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE SUPERINTENDENT PRIOR TO

THE IRRIGATION CONTRACTOR IS TO LIAISE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL COUNCIL AND WATER BOARD CODES AND

THE IRRIGATION SYSTEM IS TO INCLUDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR CUSTOMIZABLE SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL FEATURE A MANUAL OVERRIDE FUNCTION AND PROGRAMMING SHALL BE UNDERTAKEN BY THE IRRIGATION CONTRACTOR WHO SHALL ADVISE ALL RELEVANT PARTIES ON THE OPERATION OF THE SYSTEM. PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER IS TO BE POSITIONED IN A LOCATION CONFIRMED BY THE SUPERINTENDENT. WIRING TO CONNECT REMOTE SOLENOID LOCATIONS IS TO BE PROVIDED. THE CONTROLLER SHALL BE LOCATED IN A DRY PLACE, PROTECTED FROM THE WEATHER, AND ALL CABLE CONNECTIONS SHALL BE MADE WITH WATERPROOF CONNECTORS.

WATER SUPPLY POINTS ARE TO BE SUPPLIED BY THE BUILDER.

IT SHALL BE THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO ENSURE AND GUARANTEE SATISFACTORY OPERATION OF THE IRRIGATION SYSTEM, AFTER THE SYSTEM HAS BEEN INSTALLED TO THE SATISFACTION OF THE SUPERINTENDENT, THE INSTALLATION SHALL BE TESTED UNDER KNOWN WORKING CONDITIONS. ACCEPTANCE OF THE INSTALLED PLANT AND EQUIPMENT SHALL BE SUBJECT TO THESE BEING SATISFACTORY.

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All dimensions are in millimetres unless otherwise noted. Do not scale from this drawing. Verify all dimensions on site prior to construction.

CIVIL, STRUCTURAL, HYDRAULIC, ELECTRICAL AND SPECIALIST WATER FEATURE WORKS: Refer to specialist and consultant's drawings for all information contained within these documents relating to and nominated as specialist and consultant work. Specialist and consultant drawing information contained in the landscape documents are indicative only and not for construction or

certification purposes.

Issue Code Issue Description | By Chk Date A CA FOR APPROVAL

PRE - Preliminary CA - Council Approval T - Tender CON - Construction

PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD

PROJECT

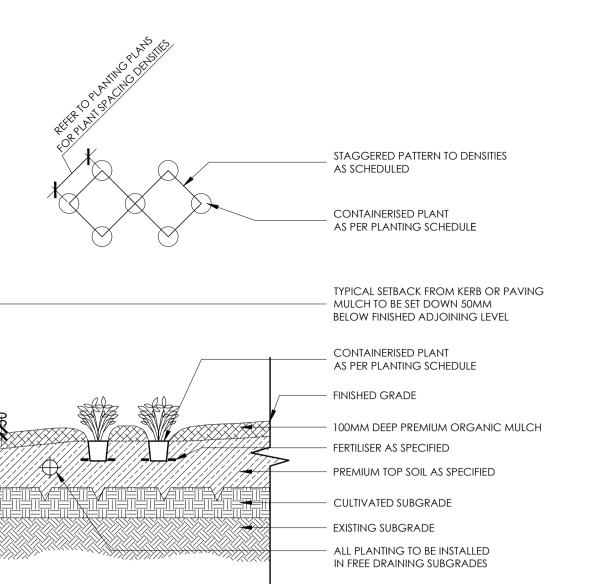
DRAWING TITLE

NOTES & PRELIMINARY

CLIENT

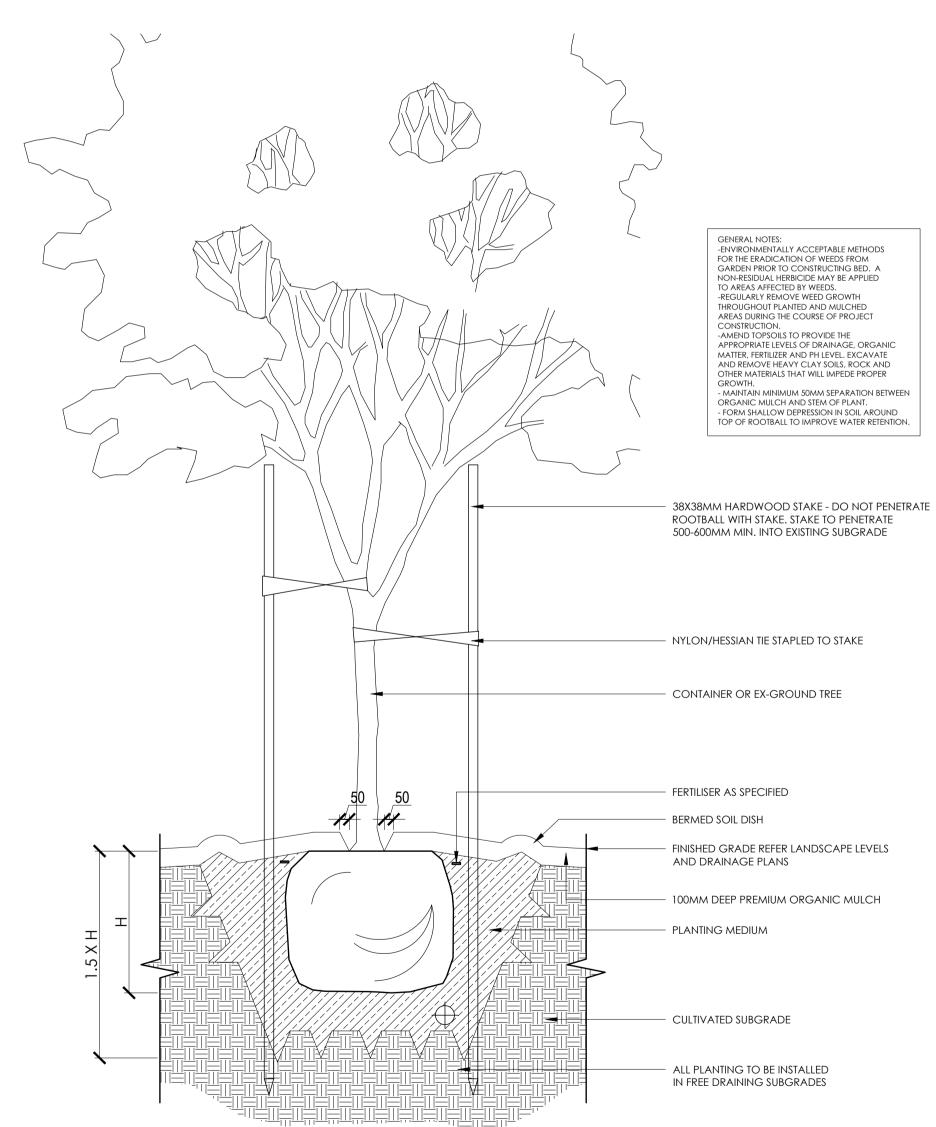
Designed : NZ Project No.: H292

REVISION SHEET NUMBER H292_LP_06



SHRUB PLANTING DETAIL

SCALE 1:25 @A1



TREE PLANTING ON GRADE DETAIL

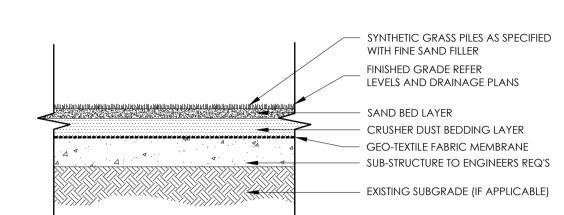
SCALE 1:20 @A1

DIMENSIONS:

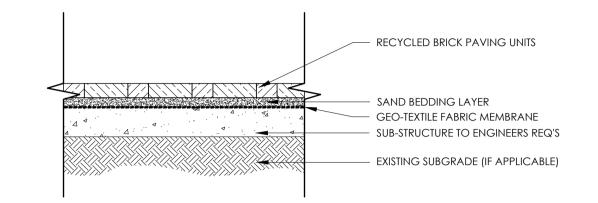
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CIVIL, STRUCTURAL, HYDRAULIC, ELECTRICAL AND **SPECIALIST WATER FEATURE WORKS:**

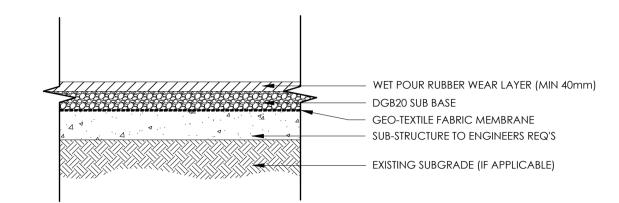
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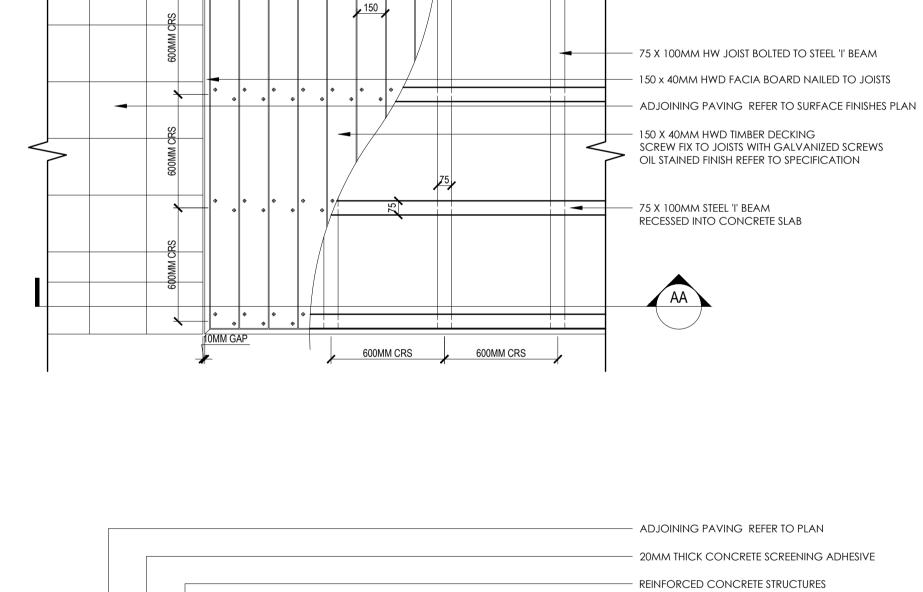
SYNTHETIC TURF DETAIL SCALE 1:20 @A1

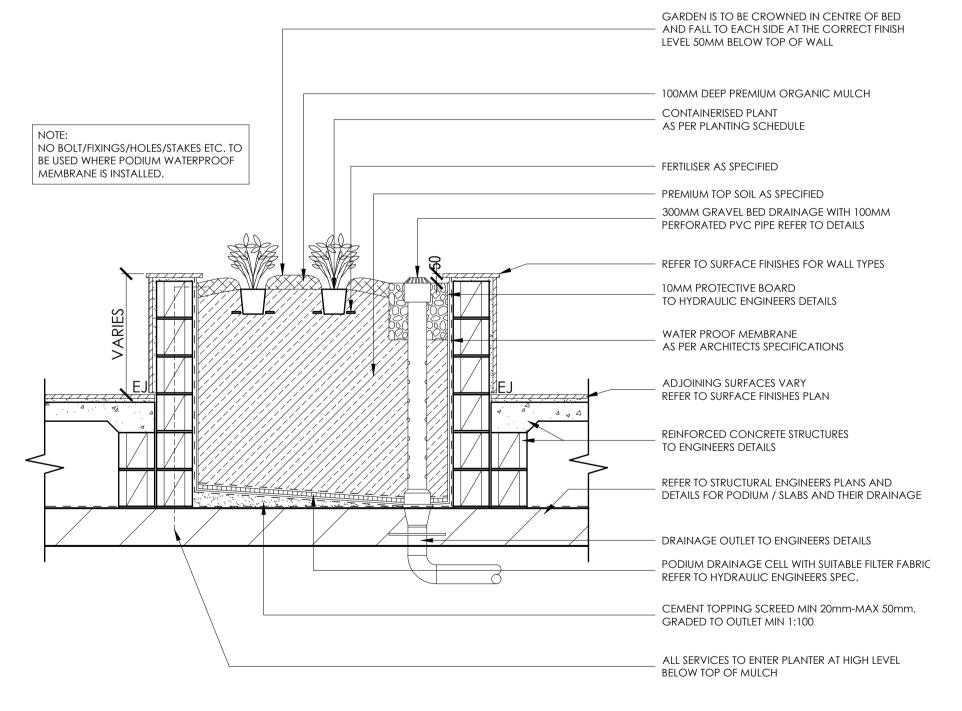


BRICK SURFACE DETAIL SCALE 1:20 @A1

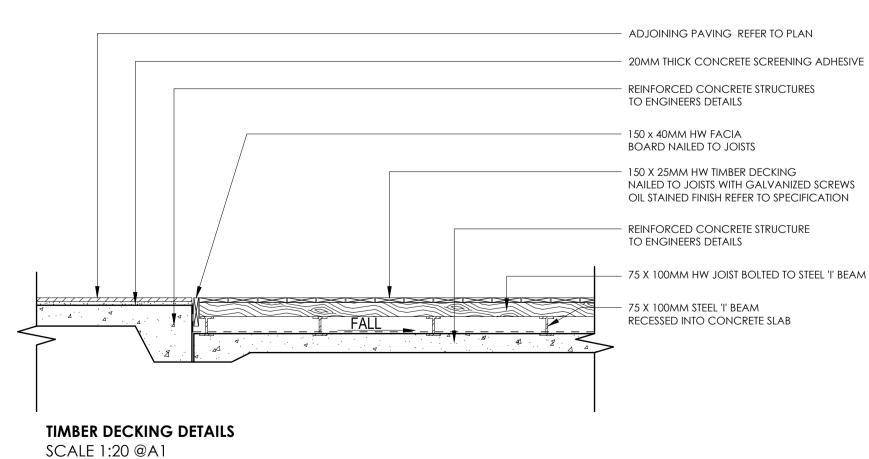


RUBBER SURFACE (NO ATTENUATION) DETAIL SCALE 1:20 @A1





TYPICAL SHRUB PODIUM PLANTING DETAIL SCALE 1:20 @A1



Issue Code Issue Description By Chk Date A CA FOR APPROVAL NZ GT 16.06.25 PRE - Preliminary CA - Council Approval T - Tender CON - Construction

PROJECT

PROPOSED DEVELOPMENT 1A TRUMAN AVENUE, RIVERWOOD

DRAWING TITLE

CONSTRUCTION DETAILS



Homes

Drawn : NZ Designed : NZ Project No.: H292

AS SHOWN SHEET NUMBER REVISION H292_LP_07

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