



LEGEND

- EXISTING TREES TO BE RETAINED
- EXISTING TREES TO BE REMOVED DUE TO DEVELOPMENT
- EXISTING TREES TO BE REMOVED DUE TO HEALTH
- ASSET PROTECTION ZONE (APZ)
- PROPOSED TREE
- PROPOSED SHRUBS & GROUNDCOVERS
- GRASS SEED VERGE TO COUNCIL REQUIREMENTS
- 1m WIDE FIRE EGRESS PATH TO BUILDING

- GOLF COURSE AREAS:**
- PROPOSED GREEN
 - PROPOSED FAIRWAY
 - PROPOSED SHORT ROUGH
 - MOWN LONG ROUGH INCLUDING EXISTING TREES

NOTE: REFER TRAVERS 'FLORA & FAUNA SURVEY REPORT AND RESULTS' FOR DETAILS ON ALL REVEGETATION AND REGENERATION WORKS ON SITE

Issue:	Rev:	Description:	Date:
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Project title:
WALLACIA COUNTRY CLUB

Drawing title:
LANDSCAPE PLAN 1

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01 DETAIL PLANTING WITHIN APZ - AROUND BOWLING GREEN & SOUTH CARPARK
1:200



PLANTING SCHEDULE

Key	Botanical Name	Common Name	Mat Ht	Pot Size	No's
Trees and Large Shrubs					
ACL	<i>Acacia cognata</i> 'Lime Magik'	Bower Wattle	5m	25 litre	5
AS	<i>Acmena smithii</i>	Lily Pilly	8m	25 litre	9
BUS	<i>Bursaria spinesca</i>	Blackbloom	2-3m	25 litre	5
CC	<i>Callistemon citrinus</i>	Crimson Bottlebrush	3m	25 litre	5
CM	<i>Corymbia maculata</i>	Spotted Gum	15-22m	75 litre	11
ER	<i>Elaeocarpus reticulatus</i>	Bluesberry Ash	11m	25 litre	12
SC	<i>Syzygium Cascade</i>	Cascade Lily Pilly	2.5m	25 litre	21
SP	<i>Syzygium sinuata</i>	Pineapple Lily Pilly	6-10m	25 litre	4
TL	<i>Tristanopsis laurina</i>	Water Gum	15m	75 litre	10
Small and Medium Shrubs					
AC	<i>Acacia cognata</i>	Little Cog	0.9m	5 litre	9
BHP	<i>Banksia spinulosa</i> 'Honey Pots'	Honey Pots	1m	5 litre	20
BVN	<i>Baeckea virgata</i> 'Nana'	Dwarf Baeckea	1m	5 litre	23
CAW	<i>Callistemon Anzac White</i>	Anzac White	1m	5 litre	23
DE	<i>Doryanthes excelsa</i>	Gymea Lily	1-2m	5 litre	36
DL*	<i>Dianella aedonifolia</i>	Conee Bitter Pea	1m	5 litre	27
DV*	<i>Dodonaea viscosa</i>	Hop Bush	2m	5 litre	24
GFC	<i>Grevillea Fire Cracker</i>	Fire Cracker	1m	5 litre	36
GO*	<i>Goodenia ovata</i>	Goodenia	1.5m	5 litre	6
HGN	<i>Hymenoporum 'Gold Nugget'</i>	Gold Nugget Frangipani	0.7m	5 litre	26
LLS	<i>Leptospermum 'Little Lemon Scents'</i>	Little Lemon Scents	1m	5 litre	14
LP	<i>Leptospermum polygalifolium</i>	Yellow Tea Tree	2-3m	5 litre	4
MT	<i>Malaleuca thymifolia</i>	Thyme Honey Myrtle	1m	5 litre	4
STT	<i>Syzygium 'Tiny Tree'</i>	Tiny Tree	0.7m	5 litre	124
WF	<i>Westringia fruticosa</i>	Coastal Rosemary	1.5m	5 litre	6
Grasses					
DL*	<i>Dianella longifolia</i>	Smooth Flax Lily	0.8m	150mm	187
DRV*	<i>Dianella revoluta</i>	Paro Lily	0.6m	150mm	606
DT	<i>Dianella 'Tasara'</i>	Tasara Lily	0.6m	150mm	165
LLF*	<i>Lomandra filiformis</i>	Wattle Mat-Rush	0.4m	150mm	90
LLT	<i>Lomandra 'Tanika'</i>	Tanika Mat-Rush	0.6m	150mm	225
LM*	<i>Lomandra multiflora</i>	Mary Flashed Mat-Rush	0.7m	150mm	274
Groundcovers and Climbers					
AJ*	<i>Ayuga australis</i>	Australian Bugle	0.2m	150mm	160
GBR	<i>Grevillea 'Bronze Rambler'</i>	Bronze Rambler	0.2m	150mm	579
GMT	<i>Grevillea 'Mt Tamboritha'</i>	Mount Tamboritha	0.2m	150mm	601
HFW	<i>Hardenbergia 'Flat White'</i>	Flat White Twinning-Pea	0.2m	150mm	333
HMM	<i>Hardenbergia 'Mini Meema'</i>	Mini Meema	0.4m	150mm	855
HD*	<i>Hibbertia diffusa</i>	Guinea Flower	0.3m	150mm	114
PP	<i>Pandorea pandorana</i>	Wonga-Wonga Vine	0.3m	150mm	281
TJ	<i>Trachelospermum jasminoides</i>	Star Jasmine	0.2m	150mm	81
WFM	<i>Westringia fruticosa</i> 'Mund'	Mund	0.3m	5 litre	670

SPECIFICATION NOTES

PREPARATION & CULTIVATION:
General
 All builders rubble, spoil and excess materials are to be removed from all areas prior to planting. In natural ground garden beds the original site topsoil is to be waived prior to the commencement of all soil works.

Weed Eradication
 All noxious plants, weeds and grasses on the site and within planting areas shall be eradicated before the commencement of landscape works.

Cultivation of natural ground planting beds under the canopy of existing trees
 Hand cultivate to 200mm in proposed garden beds beneath the canopy spread of existing trees to be retained under the supervision and to the satisfaction of a qualified Arborist. Incorporate 100mm of organic matter to AS 4419 into cultivated soil and feather out at edges. Ensure soil for 2m radius around trunk remains at original level.

Cultivation of natural ground planting outside canopy of existing trees
 All natural ground garden areas are to be excavated to a depth of 150mm. Existing topsoil is to be stockpiled on site for reuse. Stockpiled topsoil is to be free from any foreign or deleterious material.
 The resultant subgrade is to be hand cultivated to a depth of 300mm. Where cultivation intrudes into podzol soils gypsum is to be added at the rate of 0.25 kg / square metre. A 150mm depth of first quality imported topsoil to AS 4419 or site topsoil, shall be added to garden beds and thoroughly turned in and incorporated into the cultivated subgrade prior to planting.

Imported topsoil is to be free from any material toxic to plant growth, stumps, roots, stones, clay lumps or other extraneous material and free from noxious or troublesome weeds such as nut grass, water couch, mulumbimby couch, onion weed or oxalis.
 Top Soil: To AS 4419

TREE PROTECTION MEASURES FOR EXISTING TREES TO BE RETAINED:
Tree Protection fencing
 Trees to be retained are to be physically protected by the installation of 1.8m high steel mesh/aluminium fencing, which is to be located a minimum of 2m away from the trunk (ideally to enclose the whole extent of the dripline) and fully enclose the tree. This fencing shall be installed prior to the commencement of demolition and construction works and shall remain in place until all works are completed. Indicate tree protection zone with signage on tree protection fencing. Sign to clearly display words "TREE PROTECTION ZONE", "DO NOT ENTER".

Above Ground Root Protection
 No storage of materials or machinery or site offices/sheds is to occur within the dripline of existing trees to be retained. Do not mix or dispose of cement or chemicals, or stockpile any soil or rubble within this zone. Any works required under the dripline of existing trees to be retained (only as approved on the construction certificate) shall be under the direction of and to the satisfaction of a qualified Arborist.

Excavation in rootzone
 Any excavations required for footings, structures, retaining walls, paving, etc within 3.5 metres of the trunk shall be undertaken by hand and under the direction of and to the satisfaction of a qualified Arborist. Ensure any roots which require cutting are cut cleanly.

SUBSOIL DRAINAGE:
Natural Grade Areas
 In general a flexible 90mm sub soil drainage coil with sock is to be installed to all planting areas defined by retaining walls and along the interfaces between planting / lawn areas and adjacent paved areas, kerb lines, footpath edges etc on natural ground. The sub soil drainage lines will be installed and covered with free draining gravel at the base of retaining walls and in garden and lawn areas and is to be sufficiently buried to ensure that they are covered with a 100mm of free draining gravel and 150mm of topsoil. The free draining gravel bed is to be covered with a 3-4 oz non-woven filter fabric. The sub soil drainage line is to be connected to the site stormwater system or the nearest drainage sump pit.

IRRIGATION:
 An irrigation system is to access all garden areas. It is to be designed and installed by or under the supervision of a Landscape Contractor licensed for irrigation installation and is to include an automatic timing device, installed in lockable, dustproof, rustproof metal cabinet and backflow prevention device, installed to AS 3500 part 1-section 4. Ensure drip lines are spaced no further than 400mm apart for adequate irrigation coverage. The Landscape Contractor is to submit drawings and specifications for the system to the Project Manager for approval prior to commencing any installation work.

PLANTING:
 All plants used are to have been grown, selected and planted in accordance with the Natspec specifications. Planting is to be overseen by, and plant selection to be carried out by, a qualified Horticulturalist (Minimum Australian Qualification Framework Level 4).
 Plant sizes are to be in accordance with the Plant Schedule. Plants will not be substituted with other species, varieties or container sizes without consulting the Landscape Architect who will seek Council approval.

STAKING:
 Stake all trees in 75 litre pot sizes or larger. Stakes are to be driven into the ground for 1/3 of their length. Stakes are to be straight, with no knots, and 50mm x 50mm x 1800mm treated pine, pointed at one end.
 Three stakes are to be used per tree. Stakes are to form a triangular pattern surrounding the trunk of the tree, with each stake placed to avoid damage to the roots of the tree. Stakes are to be tied with three Hessian ties of 30mm thickness, one at bottom of stakes, one midway and one at top. Configure hessian ties in a triangle, encompassing wooden stakes. Twist Hessian tie once before stapling to each stake.

FERTILISER:
 Fertiliser is to be slow release fertiliser equivalent to 'Osmocote' for ornamentals and 'Osmocote' low phosphorous for indigenous species and is to be applied to the bed at manufacturer's specified rates before mulch is applied.

MULCH:
 Mulch is to be 35mm of pea gravel and/or river pebbles.

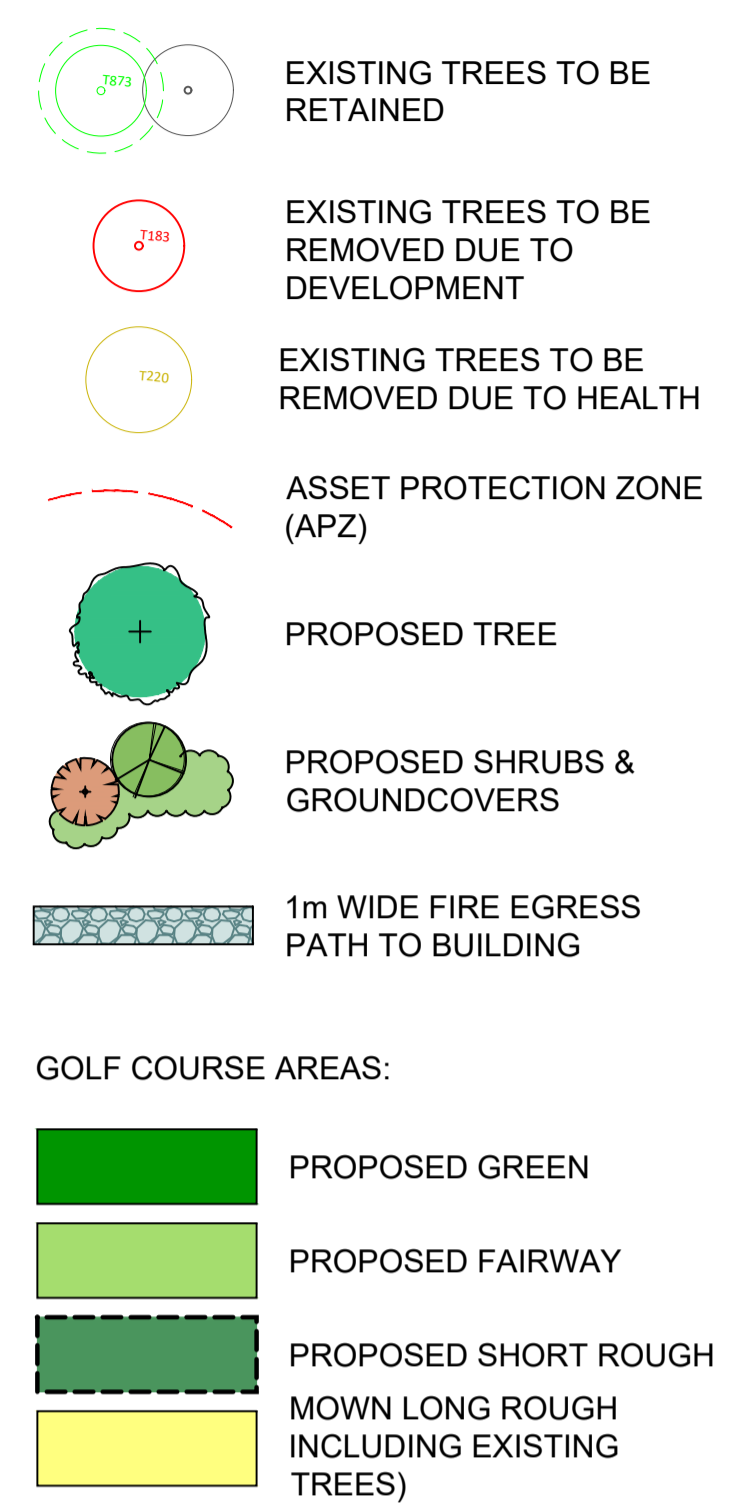
GARDEN EDGE:
 Garden edging is to be metal edging by Formboss or equivalent.

MAINTENANCE REQUIREMENTS FOR THE LIFE OF THE DEVELOPMENT:

- Maintain minimal free fuel at ground level.
- Grass mowed or grazed.
- Trees and shrubs pruned regularly to ensure they are retained as clumps or islands.
- Lower limbs of trees removed up to a height of 2 metres above the ground.
- As trees mature, where necessary, the canopies of adjacent trees should be pruned to ensure a minimum 2.5 metres distance between canopies is maintained at all times.
- All groupings of single species are to be maintained and clipped as a single clump

GENERAL MAINTENANCE REQUIREMENTS
 All landscape works are to be maintained for a period of 12 months after construction. Plants, which have failed to thrive, are to be replaced. Mulch is to be maintained at specified depths. All planting is to be watered on a regular basis to maintain moisture levels required for optimum growth. All beds and areas around plants are to be maintained free from weeds. After proper establishment all plants are to be clipped to encourage dense growth and maintain shape to all plants. Plants of the same species are to be maintained as one band of planting and not individual specimens.

LEGEND



GOLF COURSE AREAS:

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Drawing title:
 LANDSCAPE PLAN 2

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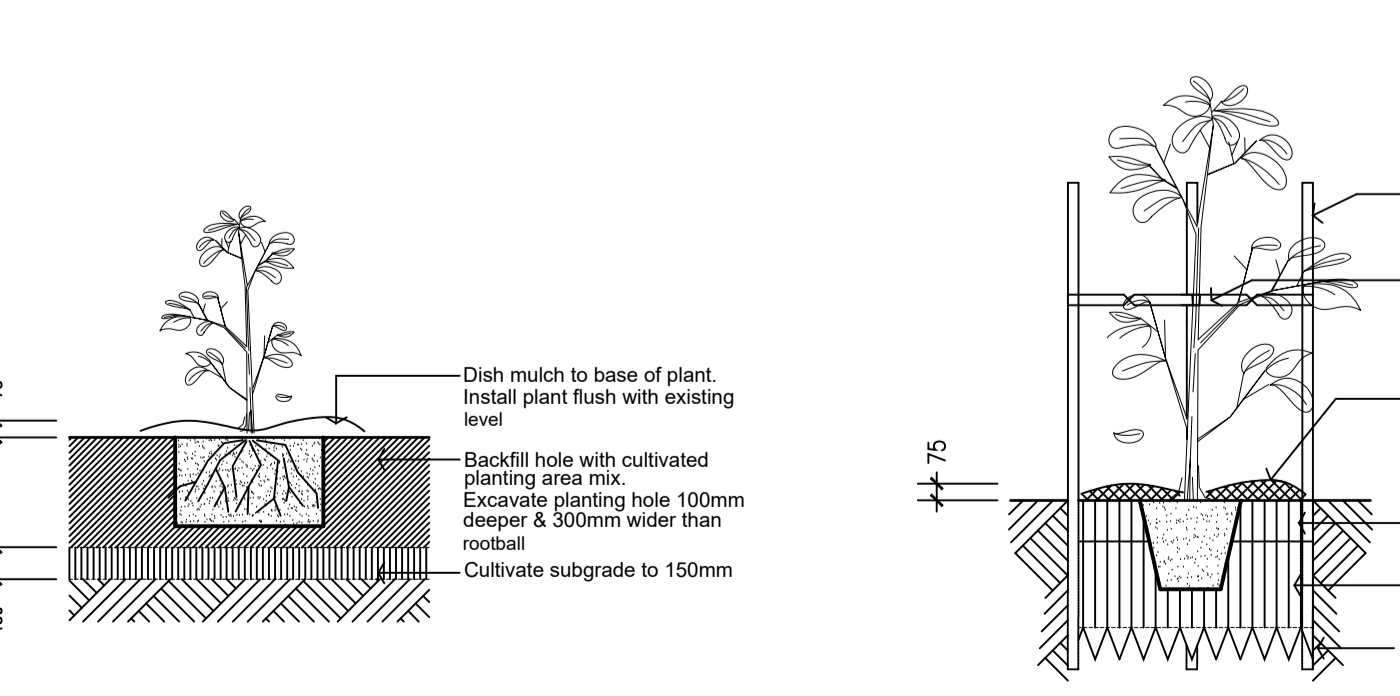
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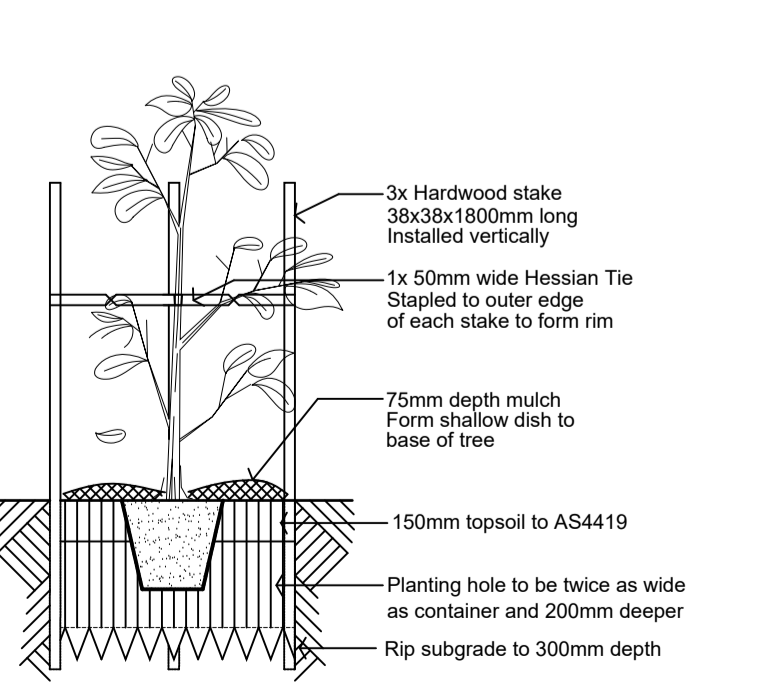
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01 DETAIL PLANTING WITHIN APZ AROUND POOL/GYM & NORTH CARPARK
 1:200



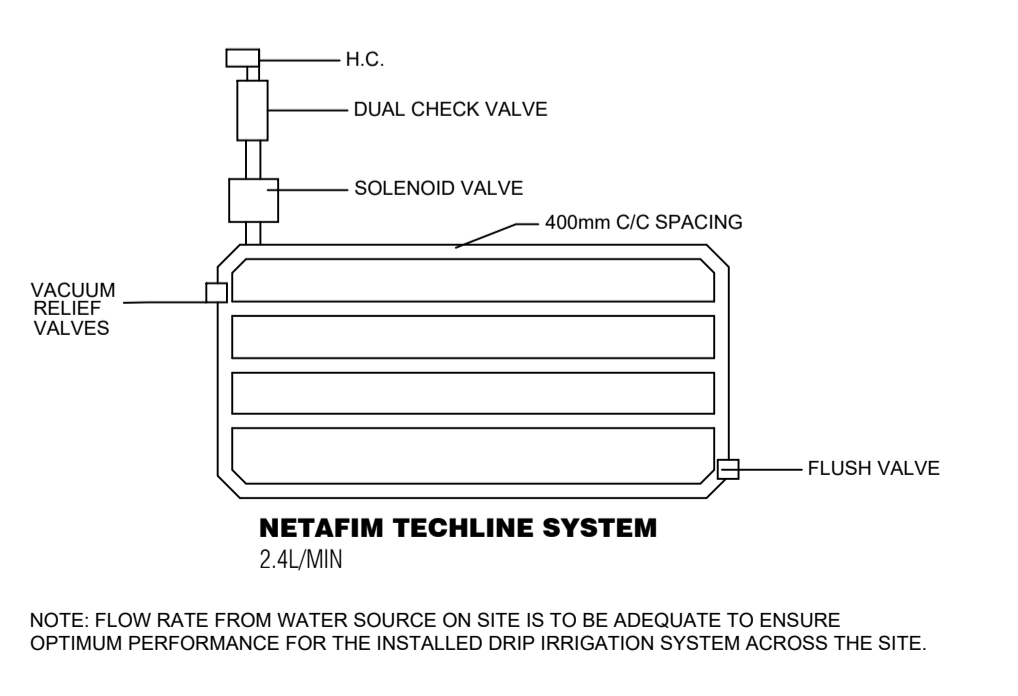
02 SHRUB PLANTING DETAIL
 NTS

03 TREE PLANTING DETAIL
 NTS



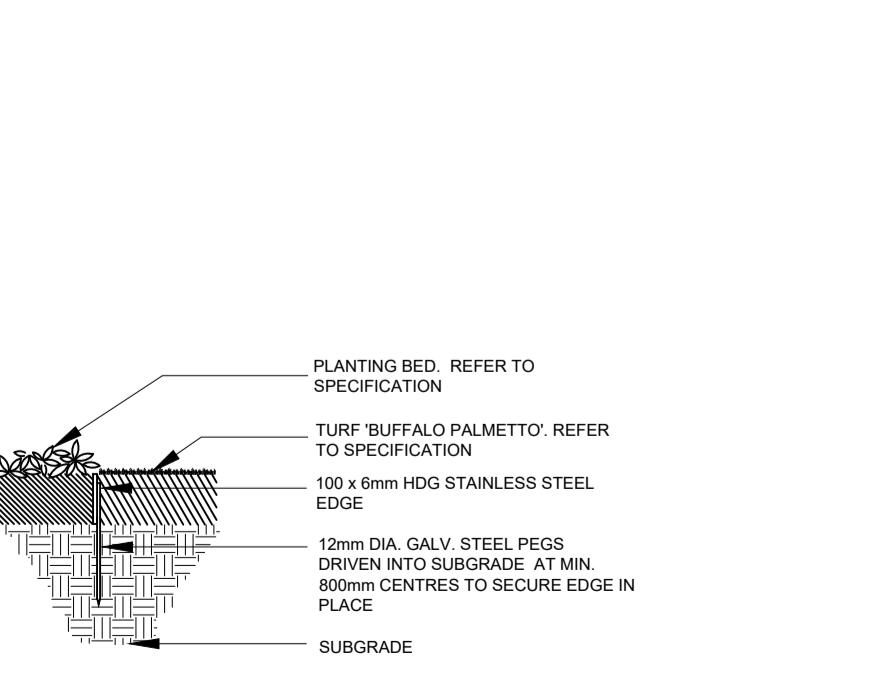
03 TREE PLANTING DETAIL
 NTS

04 TYPICAL IRRIGATION DETAIL
 NTS



04 TYPICAL IRRIGATION DETAIL
 NTS

05 'FORM BOSS' MILD STEEL EDGE DETAIL
 NTS



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 NTS