<ul> <li>0 10% composited manures.</li> <li>0 10% composted manures.</li> <li>0 10% composted manures.</li> <li>0 10% washed river sand, and</li> <li>0 20% black soil.</li> <li>20% black soil.</li> <li>Spread topsoil to the following typical depths:</li> <li>Planting on ground</li> <li>0 Improved Site Soil or Soil Mix Type A: top 225mm of soil profile, and</li> <li>0 Soil Mix Type B: below top 225mm of soil profile to 100mm below base of rootball.</li> <li>1 Trees on ground</li> <li>0 Soil Mix Type B: below top 225mm of soil profile to 100mm below base of rootball base for trees &lt;75L and 300mm below base of rootball base for trees ≥75L.</li> <li>1.5 Fertiliser</li> <li>Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacture or vendor, weight, fertiliser type, N:P:K ratio, recommended uses and application rates.</li> <li>The following application is to be used as a minimum, and may vary in accordance with results and recommendations established from soil tests:</li> </ul>	<ul> <li>Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:</li> <li>Finished to design levels, allowing for mulch or turf, which is to finish flush with adjoining hard surfaces such as paths and edge,</li> <li>Smooth and free from stones or lumps of soil,</li> <li>Graded to drain freely, without ponding, to catchment points,</li> <li>Graded evenly to adjoining surfaces, and</li> <li>Ready for planting.</li> <li>Supply and install the following imported topsoil mixes:</li> <li>Soil Mix Type A <ul> <li>10% mushroom compost.</li> <li>10% pine bark fines,</li> </ul> </li> </ul>	38-55 25-35 2-15 2-15 (S) (mg/L) (S) (mg/L) (Ca) (mg/L) (Ca) (mg/L) (Ca) (mg/L) (M) (mg/L) (Rg/m2) (kg/m2) (kg/m2) (kg/m2) t t t t t t t t t t t t t t t t t t t	Excavate all garden beds to bring the subsoil to at least 30mm below finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees to be retained. Cultivate the subsoil to a further depth of 100mm. Remove stones exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Do not disturb services or tree roots, if necessary cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil, as recommended in the soil testing results and to manufacturer's recommendations. Trim the surface to design levels after cultivation. Improved topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Improved topsoil particle size (% passing by mass) O AS sieve aperture Site of 100 100 1.18 90-100 95-100 95-100 0.60 75-100 95-100 95-100 0.60 75-00 55-85 30-46	<ul> <li>Protect from damage the trees and shrubs to be retained, including those beyond the site area, both above and below the ground. If a tree becomes damaged during the works or it is proposed to perform work on a tree, give written notice immediately and obtain instructions.</li> <li>Keep the area of the drip-line free from construction material and debris. Do not place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown materials such as cement from harming trees and plants.</li> <li><b>1.4 Soll</b></li> <li>Undertake at least two (2) soil tests, in locations as advised by Project Manager, and provide results and recommendations for the improvement of plant growth and to adjust the soil to achieve appropriate planting medium (including pit levels) for successful plant growth.</li> </ul>	<ul> <li>1.1 Cenerally         The whole of the landscape works shall be carried out by a completer landscape contractor who is experienced in horticultural practice, landscape contractor shall hold a current building contractors association.     </li> <li>The contractor shall place orders for the delivery of all materials, supplies, etc., immediately after signing the contract and ensure the suppliers guarantee delivery at all times to accord with the contractor shall plan and carry out the work so as to avoid ensure the contractor shall plan and carry out the work so as to avoid ensure incontractor shall plan and carry out the work so as to avoid ensure incontractor shall plan and carry out the work so as to avoid ensure.     </li> <li>1.3 Trees to be Retained and Protected         Identify and mark trees and shrubs to be retained using a suitable non-injurious, easily visible and removable means of identification. Trees to be retained are as shown on the landscape drawings.     </li> <li>Refer to Arborist report, if available, for primary root zone protection measures. If arborist report, if available, for primary root zone protection measures. If arborist reports in or available, then provide temporary protective enclosures at the drip-line of trees to be retained or guards where construction access is limited. Enclosure to be mean enclosure, containing F62 reinforcing mesh 1800mm high wired to 2400mm long 1800mm apat. </li> </ul>
<ul> <li>plants root system.</li> <li>Provide ties fixed securely to the stakes, one tie at half the height of the main stem, others as necessary to stabilise the plant, allowing a small degree of movement but not affording any damage to the stem. Ties shall be 50 mm hessian webbing installed around the stake and stem in a figure of eight pattern and stapled to the stake.</li> <li>1.10 Turf shall be Sir Walter Butfalo or approved equivalent, delivered to site as 25mm minimum thick cut rolls.</li> <li>Obtain turf from a specialist grower of cultivated turf. Provide turf of even thickness, free from weeds and other foreign matter. Deliver turf to the site within 24 hours of being cut, and lay it within 24 hours of delivery. Prevent it form drying out between cutting and laying.</li> <li>In stretcher pattern with the joints staggered and close butted.</li> <li>Parallel with the long sides of level areas, and with contours on slopes, and</li> <li>To finish flush, after tamping, with adjacent finished surfaces of ground, paving edges, and timber edges.</li> <li>Lightly tamp to an even surface immediately after laying. Do not use a roller.</li> </ul>	<ul> <li>Place mulch in all garden beds to a depth of 75mm, when all specified plants are installed, clear of all plant stems, and rake to an even surface flush with the surrounding finished levels and evenly graded between design surface levels. The specified depth shall be achieved after the mulch has settled.</li> <li><b>1.9 Stakes and Ties</b> Stakes shall be durable hardwood, straight, free from knots or twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes: <ul> <li>Plants (&gt;25L): One (1) of 38 x 38 x 1200mm,</li> <li>Semi-advanced plants (&gt;75L): Two (2) of 50 x 50 x 1800mm, or</li> <li>Advanced (&gt;100L): Three (3) of 50 x 50 x 2400mm.</li> </ul> Drive stakes into the ground a minimum one third of their length, making sure they are plumb, equal in height and avoids damage to the state.</li></ul>	<ul> <li>Supply and install root control barriers to all new and existing tree plantings, where their proximity poses a threat to the stability of road kerbs, road paving and footpaths and other hard landscape elements shuld be installed where trees are located within 2 metres of the element, and are to extend along the element for 2 metres either side of the tree trunk.</li> <li>Root barriers shall be equivalent to Root Wall, as supplied by Treemax, and installed alongside the landscape element to be protected in accordance with manufacturer's recommendations.</li> <li><b>1.8 Mulching</b></li> <li>Garden mulch shall conform to AS4454 and be free of deleterious and extraneous matter such as soli, weeds, sticks, wood slivers, stones and vegetative reproductive parts of undesirable plants.</li> <li>Mulch shall be approved recycled mulch recovered from site clearing, if available, otherwise equivalent to "Forest Fines" as supplied by Australian Native Landscapes.</li> </ul>	<ul> <li>wetting agent equal to 'terra-sorb', pre-mixed with one (1) litre of water, at the bottom of each planting hole, at the following rates: <ul> <li>Virocell or Virotube: 1 tablet, or</li> <li>Semi-advanced plants (&lt;75L): 2 tablets, or</li> <li>Advanced (&lt;75L): 3 tablets.</li> </ul> </li> <li>Thoroughly water the plants before planting, immediately after planting, and as required to maintain growth rates free of stress. No plant material shall show signs of water stress at any time.</li> <li>When placing, remove the plant from the container with minimum disturbance to the root ball. Ensure that the root ball is moist and place ti in its final position, in the centre of the hole and plumb, and with the top sol level of the plant not ball level with the finished surface of the surrounding sol. All plants are to be positioned in the centre of the hole.</li> <li>In planting beds and individual plantings, apply fertiliser peliets, as recommended in the soil testing results and in accordance with the manufacturer's recommendations around the plants at the time of planting. Provide proprietary fertilisers, delivered to the site in sealed containers displaying manufacturer or vendor's name, weight, fertiliser type, N:P:K ratio, recommended uses and application rates.</li> <li>Backfill the planting holes with topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure the topsoil is not placed over the top of the rootball, so that the plant sem remains the same height above the ground as it was in the container.</li> </ul>	<ul> <li>due to nursery conditions.</li> <li>Do not plant in unsuitable weather conditions such as extreme heat, cold, wind or rain. In other than sandy soils, suspend excavation when the soil is wet, or during frost periods.</li> <li>Do not vary the plant locations from those shown on the drawings unless otherwise directed. If it appears necessary to vary the locations and spacings to avoid service lines, or to cover the area uniformly, or for other reasons, apply for directions. Allow for sufficient notice for approval by the Landscape Architect and Project Manager of the location of mature and feature trees and plants.</li> <li>For tree plantings, excavate a hole to twice the diameter of the root ball and at least 100mm - 300mm deeper than the root ball. Break up the base of the hole to a further depth of 100mm, and loosen compacted sides of the hole to prevent confinement of root growth.</li> <li>Following excavation of the planting hole place and spread 15gms of</li> </ul>	<ul> <li>Burness of Kokel poliets or equivalent.</li> <li>Mass planted areas - apply 500(2m) for an under during of the 44.8.3) or equivalent.</li> <li>Turf areas - apply to manufacturer's recommendations granulated pelletised chicken manure (with N:P:K ratio of 9:4:6) prior to laying or seeding and biannually, as well as Nitram 6 weeks after laying.</li> <li><b>16 Plants</b> Supply plants in accordance with the landscape drawings and schedules, which have the following characteristics: <ul> <li>Large healthy root systems, with no evidence of root curl, restriction or damage, and suitable for planting in the natural climatic conditions prevailing at the slie, and in particular shade conditions. <ul> <li>Trees, unless for required to be multi-stemmed, shall have a single leading shoot, and</li> <li>Containers shall be free from weeds and of appropriate size in relation to their container.</li> <li>All plant specimens are to be true to name and variety listed in the plants shall not exhibit signs of having been stressed at any stage during their development and delivery due to inadequate watering, excessive shade/sunlight, physical damage or have restricted growth</li> </ul></li></ul></li></ul>

100 unti and as Protec I grass necessary to k t newly turfed a s established. b keep the d areas against d. Keep the turf

as and

n depth of 10mm sions or irregular t any

andscape Establishment and Maintenance

tion and Juration

contract areas by the tural practices for 52 shall include, but not be

pest co

ng m



