

GENERAL NOTES & SPECIFICATIONS

- ENSURE PLANTING IS LOCATED AND LANDSCAPED IN ACCORDANCE WITH DETAILED LANDSCAPE PLAN AND PARKS CHAPTER OF INFRASTRUCTURE DESIGN PLANNING SCHEME POLICY.
- AUSTRALIAN STANDARDS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE REFERENCED AUSTRALIAN STANDARDS EXCEPT WHERE VARIED BY SPECIFICATIONS AND/OR DRAWINGS.
- MATERIAL CHOICES ARE TO BE DETERMINED ON THE GROUNDS OF SUSTAINABILITY, LOW MAINTENANCE, VANDAL RESISTANCE, PRODUCT AVAILABILITY AND SUITABILITY TO THE CLIMATIC CONDITIONS AND PRACTICALITY, WHERE POSSIBLE. MATERIALS ARE TO BE LOCALLY SOURCED.
- ALL DIMENSIONS IN MILLIMETRES (U.N.O.).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND ARRANGING THE DELIVERY INCLUDING OFF LOADING OF ALL TREE, PLANT AND TURF STOCK TO SITE DIRECTLY WITH THE SUPPLIER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE THE UNLOADING EQUIPMENT AS REQUIRED.
- THE CONTRACTOR SHALL CO-ORDINATE WITH THE PLANT SUPPLIERS FOR THE DELIVERY OF PLANT MATERIAL TO ENSURE THAT THE MINIMUM NUMBER OF PLANTS ARE LEFT IN THE ON-SITE STORAGE AREA AT ANY ONE TIME.
- STORAGE OF PLANTS AFTER HOURS SHALL BE WITHIN A SECURE COMPOUND ON-SITE. PLANT MATERIAL IS TO BE KEPT IN GOOD CONDITION DURING STORAGE WITH REGULAR WATERING AND MAINTENANCE.
- SHOULD THE CONTRACTOR, DURING THE CONTRACT PERIOD, OBSERVE OR BE AWARE OF SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF THE PLANT MATERIAL, THEN THE CONTRACTOR MUST ADVISE THE SUPERINTENDENT IMMEDIATELY.

SITE SOIL

- EXISTING SITE TOPSOIL AMELIORATED INSITU OR STOCKPILED FOR RE-USE AS GROWING MEDIUM FOR PLANTING BEDS, TREE PLANTING HOLES AND NEW TURFED AREAS. IF DIRECTED BY THE SUPERINTENDENT OR SPECIFIED ON DRAWINGS THAT SITE MATERIAL IS OF NO USE, THE CONTRACTOR SHALL DISPOSE OF THIS MATERIAL AT AN APPROVED DUMPING SITE.
- SITE TOPSOIL OR ORGANIC MATTER SHALL NOT BECOME CONTAMINATED WITH OTHER MATERIALS ON SITE.

SITE SOIL IMPROVER

- WHERE EXISTING SITE TOPSOIL IS DETAILED TO INCORPORATE A SOIL IMPROVER, THE REQUIRED STANDARD FOR THE SOIL TO MEET IS AS4419-2003 "SOILS FOR LANDSCAPING AND GARDEN USE". THE CONTRACTOR IS TO PROVIDE A SOIL TEST OF THE EXISTING TOPSOIL TO BE RE-USED. BASED ON THE RESULTS OF THIS TEST, THE EXISTING SITE SOIL MAY REQUIRE IMPROVING TO ACHIEVE THE DESIRED STANDARD. IF USING ADDITIVES TO RAISE TOPSOIL TO THE REQUIRED STANDARD, ENSURE COMPLIANCE CERTIFICATE WITH THE RELEVANT TEST CRITERIA IS PROVIDED TO THE SUPERINTENDENT 14 DAYS PRIOR TO USE. THE CONTRACTOR SHALL ALSO PROVIDE A CERTIFICATE OF COMPLIANCE FOR THE FINAL IMPROVED SOIL MIX TO THE SUPERINTENDENT 7 DAYS PRIOR TO USE.

SITE PREPARATION

- SPRAYING/POISONING OF ALL PLANTING BED AREAS AND AREAS WHERE NEW TURF WILL BE LAID TO BE UNDERTAKEN A MINIMUM OF 14 DAYS PRIOR TO ANY SOFTSCAPE WORKS. ALL EXISTING GRASS AND WEEDS SHOULD BE SPRAYED WITH A HERBICIDE. USE ENVIRONMENTALLY ACCEPTABLE METHODS AS APPROVED BY THE SUPERINTENDENT, AT THE MANUFACTURER'S RECOMMENDED MAXIMUM RATE. SUBMIT PRODUCT INFORMATION PRIOR TO USE TO THE SUPERINTENDENT FOR APPROVAL. REMOVE ALL WEEDS, DEBRIS AND OTHER DELETERIOUS MATERIAL FROM THE AREA. REPEAT THE APPLICATION 7 DAYS PRIOR TO SOFTSCAPE WORKS TO ENSURE THAT ALL GRASS AND WEEDS ARE DEAD. PERSISTENT WEEDS MAY NEED TO BE TREATED WITH SELECTIVE HERBICIDES FOR BAHIA GRASS (PASPALUM NOTATUM) AND / OR WICK WIPED FOR EMERGENT GRASS WEEDS AT 100mm HEIGHT (ACCORDING TO MANUFACTURERS DIRECTIONS).
- PROFILE THE EXISTING SUB-GRADE TO ACHIEVE THE DESIRED F.S.L AND DRAINAGE FALLS.

- RIP AND/OR CULTIVATE ALL PLANTING BED AREAS AND AREAS WHERE NEW TURF WILL BE LAID. RIPPING OR CULTIVATING TO BE UNDERTAKEN TO A MINIMUM DEPTH OF 300mm UNLESS NOTED OTHERWISE.
- ALL UNDERGROUND SERVICES SHALL BE LOCATED AND CLEARLY MARKED PRIOR TO DECOMPACTION. ENSURE CAUTION WHEN CULTIVATING OVER SERVICE LINES, PIPES AND AROUND TREE ROOTS AND IF NECESSARY CULTIVATE USING HAND TOOLS. DO NOT CULTIVATE WITHIN 600mm OF PROPOSED OR EXISTING HARD PAVED AREAS AND STRUCTURES

IMPORTED GROWING MEDIA

- IMPORTED GROWING MEDIA IS TO BE USED WHERE SPECIFIED ON DETAILS OR SPECIFIED ON PLANS.
- IMPORTED GROWING MEDIA SHALL COMPLY WITH AUSTRALIAN STANDARD AS4419-2003 'SOILS FOR LANDSCAPING AND GARDEN USE'. SUPPLIER'S CERTIFICATION MUST BE SUPPLIED TO THE SUPERINTENDENT PRIOR TO DELIVERY TO SITE.
- ANY IMPORTED SOIL THAT DOES NOT MEET THE AUSTRALIAN STANDARDS AND/OR THE SUPPLIER'S CERTIFICATION WILL BE REMOVED FROM SITE AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- WHEN PLACING GROWING MEDIA TO GARDEN OR TURF AREAS ENSURE NO AIR POCKETS ARE IN THE BEDS THAT WILL ASSIST IN THE PROMOTION OF DISEASE. LIGHTLY COMPACT SOIL SO THAT THE SURFACE IS SMOOTH, FREE FROM HOLLOWES AND HAS EVEN GRADE FALLS FROM MOUNDS. THE GROWING MEDIA SHALL BE PLACED IN LAYERS NOT EXCEEDING 200mm DEPTH AND CONSOLIDATED TO NO MORE THAN 85% COMPACTION.
- FINISH THE SURFACE LEVEL OF SOIL TO ALLOW FOR 75mm DEPTH OF ORGANIC MULCH ENSURING F.S.L OF MULCH IS 25mm BELOW F.S.L OF PLANTING BED EDGE.
- THE GROWING MEDIA SHALL BE PLACED TO THE DEPTH AND LEVEL ACCORDING DRAWINGS AND DETAILS.

MOUNDING

- MOUNDS SHALL BE FORMED FROM IMPORTED FILL WITH TOPSOIL OVER TO DEPTHS AS REQUIRED. IMPORTED FILL MATERIAL WILL BE USED TO FORM MOUNDS WHERE THE EXISTING SITE SOIL IS INADEQUATE IN TERMS OF QUANTITY OR QUALITY. THE IMPORTED FILL SHOULD MEET CURRENT AUSTRALIAN STANDARD AS4419-2003 'SOILS FOR LANDSCAPING AND GARDEN USE'.
- PLACE CLEAN FILLING IN LAYERS APPROXIMATELY 150mm THICK COMPACTED TO 85% OF THE DRY DENSITY RATIO OF THE SURROUNDING SOIL AS DETERMINED BY AS 1289.5.4.1. MINIMISE SLUMPING AND FURTHER INTERNAL PACKING DOWN. CONSTRUCT CHANGES IN GRADE OVER A MINIMUM WIDTH OF 500mm TO SMOOTH, GRADUAL AND ROUNDED PROFILES. ALLOW FOR PLACEMENT OF TOPSOIL AND TURF OR MULCH WHERE APPLICABLE.
- SLOPES TO MOUNDS SHALL BE NO GREATER THAN 1:3 IN GARDEN AREAS AND 1:4 IN TURFED AREAS UNLESS OTHERWISE SHOWN ON PLAN. ALL INTERSECTIONS OF PLANES SHALL BE ROUNDED AND GRADUAL AND CURVES GENEROUS. ENSURE ALL MOUNDS HAVE A SMOOTH AND EVEN PROFILE (SUITABLE FOR MOWING PURPOSES).

MULCH

- USE MULCH THAT IS FREE OF DELETERIOUS AND EXTRANEIOUS MATTER SUCH AS SOIL, WEEDS, STICKS AND ROCKS. MULCH TO COMPLY WITH AS4454-1999: COMPOST, SOIL CONDITIONERS AND MULCH.
- MULCH TO BE PLACED AROUND TREES IN GRASSED AREAS AND TO GENERAL PLANTING AREAS UNLESS OTHERWISE SHOWN ON PLANS.
- MULCH SHALL BE APPLIED SO THAT AFTER SETTLING, IT IS SMOOTH AND EVENLY GRADED BETWEEN DESIGN SURFACE LEVELS AND SLOPED TOWARDS THE BASE OF PLANT STEMS BUT LEAVING A 100mm DIAMETER CLEARANCE.
- ENSURE WHEN TRIMMING PLANTING BED SOIL PRIOR TO APPLICATION OF MULCH, THE SETDOWN AREA ADJACENT PAVEMENT EDGES SHALL BE 125mm ALLOWING FOR 100mm DEPTH SPECIFIED MULCH TYPE. ENSURE MULCH FINISHES 25mm BELOW SURROUNDING PAVEMENT FINISHES AS SHOWN IN DETAILS.
- TO SURROUNDS OF TREES PLANTED IN GRASSED AREAS, PROVIDE MULCH TO 1000mm DIAMETER.
- MULCH TYPE AS SPECIFIED ON DETAILED LANDSCAPE PLAN OR APPROVED BY SUPERINTENDENT.

FERTILISER

- PLANTING: FERTILISER FOR PLANTS SHALL BE "AGRIFORM" PLANTING TABLETS 20:4.3:4.1 OR EQUIVALENT, TIGHTLY COMPRESSED, LONG LASTING, SLOW RELEASE FERTILISER TABLETS, AND SHALL BE PLACED AS PER MANUFACTURER'S RECOMMENDATIONS. NUMBER OF TABLETS PER PLANT SHALL BE AT THE RATE RECOMMENDED BY THE MANUFACTURER OF THE FERTILISER. FURNISH EVIDENCE OF THE MANUFACTURER'S RECOMMENDATIONS.
- TURFING: MIX THE FERTILISER THOROUGHLY INTO THE TOPSOIL BEFORE PLACING THE TURF. APPLY LAWN FERTILISER AT THE COMPLETION OF THE FIRST AND LAST MOWINGS, AND AT OTHER TIMES AS REQUIRED TO MAINTAIN HEALTHY GRASS COVER. FERTILISE BY BROADCASTING AN EVEN COVERAGE OF A MINIMUM OF 75 GRAMS PER SQUARE METRE OF A.C.F. GARDEN KING Q5 AT APPROVED SIMILAR COMPOSITION FERTILISER.

PLANTING CONDITIONS

- 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. PLANTS WILL NOT BE INSTALLED UNLESS PERMITTED BY SUPERINTENDENT DURING PREDICTED INCLEMENT WEATHER INCLUDING:
 - WHERE THE DAILY MINIMUM TEMPERATURE, AS RECORDED AT THE NEAREST OFFICIAL BUREAU OF METEOROLOGY REPORTING STATION, IS BELOW 4 DEGREES CELSIUS OR THE DAILY MAXIMUM IS ABOVE 30 DEGREES CELSIUS.
 - WHERE RAINFALL EXCEEDS 5mm PER HOUR PRECIPITATION RATE.

PLANT SETOUT

- SET OUT PLANT MATERIAL IN POSITIONS AND QUANTITIES AS SHOWN ON PLANS AND IN ACCORDANCE WITH DETAILS PROVIDED OR AS DIRECTED OTHERWISE BY SUPERINTENDENT.


PLANTING

- PLANTING HOLES SHALL BE PREPARED NOT MORE THAN 24 HOURS IN ADVANCE OF PLANTING. ENSURE THAT PLANTING HOLES ARE FREE DRAINING FROM THE BASE SO THAT NO FREE WATER REMAINS AT THE BASE OF THE HOLE MORE THAN ONE HOUR AFTER THE APPLICATION OF A 50mm DEPTH OF WATER. IF FREE DRAINAGE DOES NOT OCCUR INFORM THE SUPERINTENDENT.
- WHERE ROOT GROWTH HAS BEEN MODERATELY RESTRICTED IN THE CONTAINER (ROOTBOUND STOCK WILL NOT BE ACCEPTED); THE OUTSIDE ROOTS SHALL BE LIGHTLY TEASED PRIOR TO PLANTING. CARE SHOULD BE TAKEN TO ENSURE THAT ROOTS ARE NOT EXPOSED TO DRYING INFLUENCES SUCH AS SUN OR WIND.
- AVOID LEAVING AIR POCKETS IN BACKFILL BY CAREFULLY FIRING SOIL PROGRESSIVELY. WATER ALL PLANTS THOROUGHLY AFTER PLANTING, AND FOR THE DURATION OF THE ESTABLISHMENT / MAINTENANCE PERIOD, TO ENSURE THE ESTABLISHMENT OF EACH PLANT.
- REMOVE AND DISPOSE OF ALL IDENTIFICATION LABELS DELIVERED WITH PLANT MATERIAL, WITHIN 7 DAYS AFTER PLANTING HAS BEEN COMPLETED.

TURF SPECIES

- 100% CYNODON DACTYLON CV GREENSLEES PARK, UNLESS NOTED OTHERWISE ON DETAILED LANDSCAPE PLAN OR APPROVED BY SUPERINTENDENT.
- DELIVER THE TURF WITHIN 24 HOURS OF CUTTING, AND LAY IT WITHIN 36 HOURS OF CUTTING. PREVENT IT FROM DRYING OUT BETWEEN CUTTING AND LAYING. TURF SHALL BE DELIVERED COVERED, STORED COVERED AND LIGHTLY WATERED EVERY 12 HOURS.

REFER TO BSD-9052, BSD-9053, BSD-9054 & BSD-9055 FOR ASSOCIATED STANDARD DRAWINGS

				DRAWING AUTHORISED FOR PUBLICATION PAUL COTTON SIGNATURE ON ORIGINAL DATED 03/09/04 MANAGER INFRASTRUCTURE MANAGEMENT R.P.E.Q: 2546				DESIGN	Std Dwgs WG	DATE	OCT '13		BRISBANE CITY COUNCIL STANDARD DRAWING		
				DESIGN APPROVED LAUREN TEMPLEMAN SIGNATURE ON ORIGINAL DATED 31/08/04				DRAWN	CPO - P&D	DATE	OCT '13		SCALE	AS SHOWN	
				PRICIPAL PROGRAM OFFICER PARKS				CHECKED	UMD - E&P & IMB	DATE	OCT '13		DWG No.	BSD-9051	
								DRAWING FILENAME	BSD-9051 (A) Planting - General notes - Sheet 1 of 2.dwg				ASSOCIATED PLANS	SUPERSEDES UMS-791	ORIGINAL SIZE
A	Drawing Converted from UMS Series April 2014			APR '14	APR '14	APR '14							REVISION	A	
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