



- A RESULT OF CULTIVATION, INCLUDING ANY BASE COURSE MATERIAL.
- SOIL CONDITIONER SHALL COMPLY WITH AS4545:COMPOSTS, SOIL CONDITIONERS AND MULCHES.

1.4 FERTILISING

- AFTER PLANTING AND AT TIME OF BACK FILLING ALL PLANTS ARE TO RECEIVE APPROVED PROPRIETARY ITEM OF EIGHT TO NINE MONTH-SLOW-RELEASE FERTILISER SUITABLE FOR AUSTRALIAN NATIVE PLANTS.
- FERTILIZER TO BE APPLIED IN BACKFILL (BELOW GROUND) DURING PLANTING AT THE MANUFACTURERS' RECOMMENDED RATE FOR THE RELATIVE PLANT SIZE, AND AT A MINIMUM RATE AS FOLLOWS:
 - 35 LITRE POT SIZE PLANTS TO HAVE FORTY GRAMS
 - 13CM - 14CM POT SIZE PLANTS TO HAVE TEN GRAMS

2. TURF

2.1 MINOR PREPARATION

- REMOVE ALL RUBBISH, ROOTS AND STONES GREATER THAN 10MM IN DIAMETER TO A DEPTH OF 300MM AND GRADE TO EVEN GRASSES. GRADE OUT ALL DEPRESSIONS AND HUMPS LESS THAN 150MM FROM THE GENERAL GRADE.
- ALL SURFACES PREPARED FOR GRASSING TO FINISH FLUSH WITH ADJOINING KERBS TO ROADS, PARKING AND PAVED AREAS, AND WITH FOOT PAVEMENTS, MOWING STRIPS, MANHOLES, PIT AND THE LIKE.
- ALL GRASS WORK SHALL BE UNDERTAKEN BY HAND WORK OR BY MACHINE AS IS APPROPRIATE TO THE WORK HOWEVER ALL GRADING AND EARTHWORKS WITHIN A DISTANCE OF 600MM RADIUS OF SPRINKLERS OR OTHER FIXED RETICULATION APPARATUS SHALL BE HAND WORKED TO PREVENT DAMAGE TO EQUIPMENT. NO IRREGULARITIES, DEPRESSIONS, HOLLOW OR ABRUPT CHANGES IN GRADES OR FALLS WILL BE ACCEPTED.

2.2 FERTILISING

- PRIOR TO TURF LAYING SUPPLY AND SPREAD TO THE FULL EXTENT OF AREA TO BE FERTILIZED LETTING ORGANIC FERTILIZER EQUAL OR EQUIVALENT TO "DYNAMIC LIFTER" AT THE RATE OF 100 GRAMS PER SQUARE METRE TO THE APPROVAL OF THE SUPERINTENDENT.

2.3 WATERING

- BEFORE COMMENCING PLANTING, ENSURE ADEQUATE WATERING SERVICES AND EQUIPMENT ARE AVAILABLE AND PROPERLY FUNCTIONING.
- AREAS TO BE PLANTED SHALL FIRST BE WATERED TO A DEPTH OF 100MM AND THE PLANTING SHALL BE CARRIED OUT IMMEDIATELY AFTER WATERING.
- THROUGHOUT THE CONTRACT UP TO PRACTICAL COMPLETION, WATERING SHALL BE PROPERLY UNDERTAKEN, EITHER BY HAND OR IRRIGATION SYSTEM TO KEEP THE PLANTED AREA MOIST TO A DEPTH OF 100MM AT NOT MORE THAN TWO (2) DAY INTERVALS EXCEPTING SATURDAYS, SUNDAYS AND PUBLIC HOLIDAYS UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT.

- 24 TURF LAYING
 - INSTALL EDGING AS PER DRAWING 'TIMBER EDGING DETAIL'
 - LAY THE TURF ALONG THE LAND CONTOURS WITH STAGGERED, CLOSE BUTTED JOINTS, AND SO THAT THE FINISHED TURF SURFACE FINISHES 20MM BELOW ADJACENT FINISHED SURFACES OF EDGING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90 KG/M OR A PLATE COMPACTOR.
- 2.5 TOP DRESSING
 - UNDERTAKE TOP DRESSING AS REQUIRED TO PRODUCE A TRUE AND EVEN SURFACE TO THE FULL EXTENT OF TURF AREAS FREE OF HUMPS, HOLLOWES AND DEPRESSIONS. SHOULD TOP DRESSING BE REQUIRED, UNDERTAKE WHEN THE TURF IS ESTABLISHED, MOW CLOSELY, REMOVE CUTTINGS AND LIGHTLY TOP DRESS TO A DEPTH OF 10MM WITH APPROVED QUALITY TOP DRESSING SAND. RUB THE DRESSING WELL INTO THE JOINS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACE.
- 2.6 FERTILISING
 - ONE WEEK AFTER LAYING TURF, APPLY TO THE WHOLE AREA A QUALITY PROPRIETARY BRAND FERTILISER.
 - EVENLY SPREAD FERTILIZER AT THE RATE INDICATED ON PACKET AND IMMEDIATELY THOROUGHLY WATER IN.
- 3. MULCH
 - ALL MULCH SHALL MEET AUSTRALIAN STANDARD 4454-2012.
 - SITE MULCH SHALL BE CHUNKY PINE BARK WOOD CHIPS APPLIED TO A DEPTH OF 75MM.
 - MULCH IS TO BE COMPLETELY FREE OF ALL NOXIOUS WEEDS, SEEDS AND FUNGUS, INSECT PESTS AND OTHER DELETERIOUS MATERIAL.
 - ALL GARDEN BEDS AND TREE SURROUNDS TO BE MULCHED TO A MINIMUM DEPTH OF 75MM, KEEPING MULCH CLEAR OF PLANT STEMS.
 - TIDY AND GRADE MULCH AFTER APPLICATION, FINISHING 20MM BELOW SURROUNDING HARD SURFACES.
- 4. IRRIGATION
 - ALL GARDEN BEDS TO BE IRRIGATED. INSTALL A SUB-MULCH DRIP SYSTEM FOR ALL GARDEN BEDS AND RECESSED SPRINKLERS FOR TURF AREAS.
 - CONTROLLER TO BE AUTOMATIC SYSTEM WITH RAIN SENSOR. LOCATION TO BE CONFIRMED ON SITE.
 - THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT DESIGN AND INSTALLATION OF IRRIGATION SYSTEM.
 - AT TIME OF COMPLETION THE IRRIGATION SYSTEM SHALL BE FULLY AUTOMATED, WORKING EFFICIENTLY AND EFFICIENTLY AND WATERING TIMES PROGRAMMED.