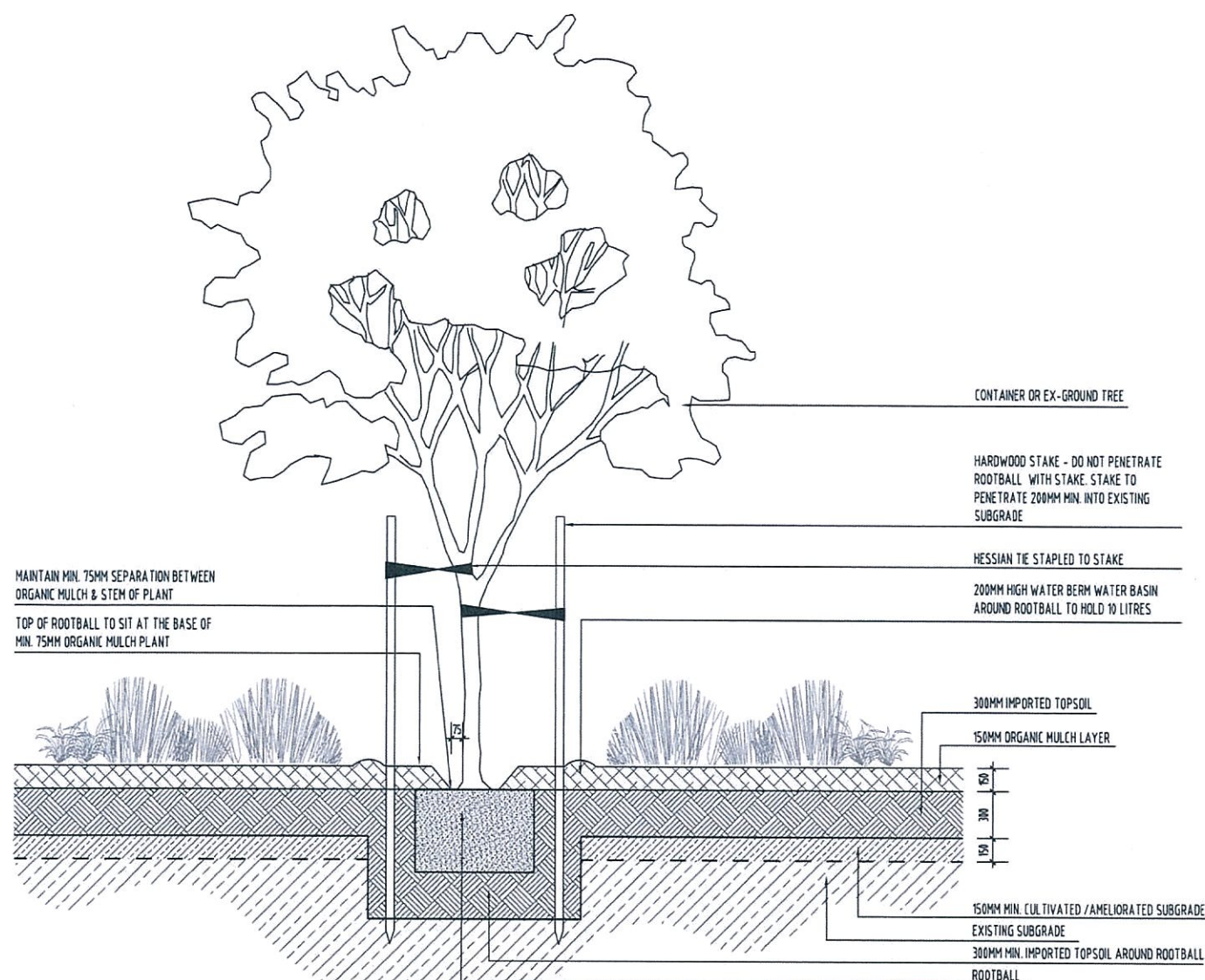
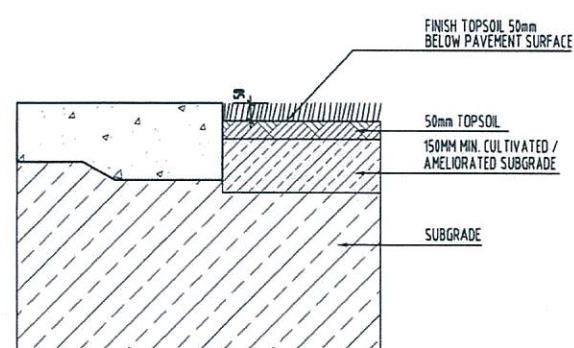
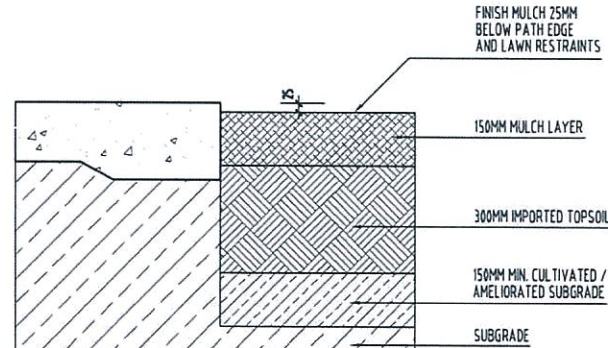




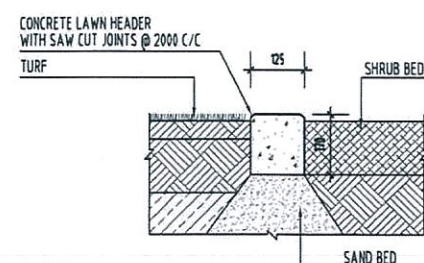
1 TYPICAL TREE PLANTING DETAIL
SCALE 1:20



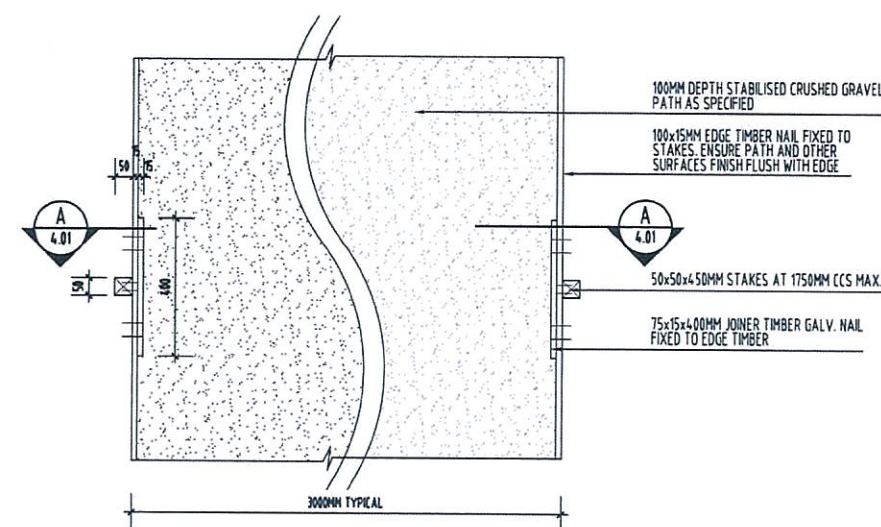
2 TURF / PAVING EDGE DETAIL
SCALE 1:10



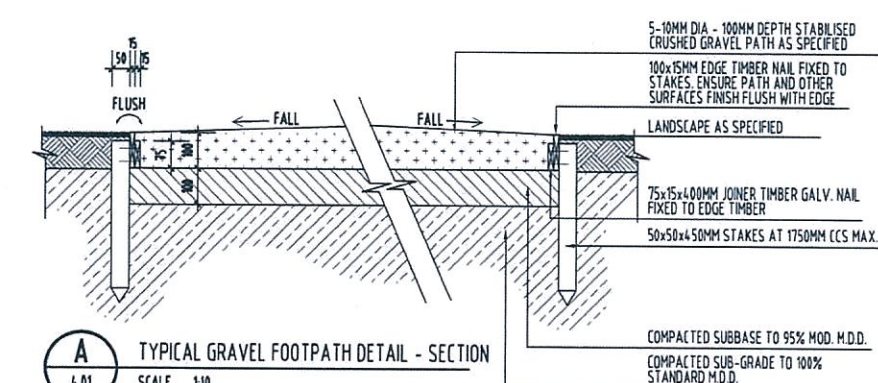
3 SHRUB / PAVING EDGE DETAIL
SCALE 1:10



4 LAWN HEADER DETAIL
SCALE 1:10



5 TYPICAL GRAVEL PATH DETAIL - PLAN
SCALE 1:10



A TYPICAL GRAVEL FOOTPATH DETAIL - SECTION
SCALE 1:10

GENERAL NOTES - FOOTPATH

ENSURE MOWN HEIGHT OF GRASS FINISHES FLUSH WITH PATH EDGE
ENSURE GARDEN AREAS (MULCH) FINISH 25MM BELOW ADJACENT PATH EDGE
ENSURE EVEN GRADE CROSSFALL MIN. 1:50 TO PATH

GENERAL NOTES - GRAVEL FOOTPATH

COMPACTION
COMPACT SUBBASE AND GRAVEL MATERIAL SEPARATELY NOT LESS THAN 95% MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED COMPACTION TEST AS DEFINED IN 'AS 1289.1977' FOR THE UPPER 150MM. AVOID COMPACTION AROUND THE BASE OF EXISTING AND PROPOSED TREES.

SUBBASE PREPARATION
ENSURE SUBBASE PROFILE FORMS THE REQUIRED DRAINAGE FALLS WHEN THE SURFACE IS LAID.

SURFACE CONSTRUCTION
THE FOLLOWING STEPS ARE SUGGESTED AND WILL NEED TO BE REPEATED TO ACHIEVE THE FSL:

- 1- PLACE AND RAKE EVENLY APPROXIMATELY 30MM OF CRUSHED GRAVEL MATERIAL.
- 2- ADD DUSTAC (OR APPROVED EQUIVALENT) AT A RATE RECOMMENDED BY MANUFACTURER.
- 3- MOISTEN THE MATERIAL AND COMPACT USING A VIBRATING ROLLER. THE ROLLER SHOULD NOT WEIGH MORE THAN 30KG.

THE FINISHED SURFACE SHALL BE FREE FROM STONES EXCEEDING 20MM IN DIAMETER AND SHALL REMAIN FREE OF RUTS, SUBSIDENCE AND LACK OF COHESION

IF AT TIME OF CONSTRUCTION, THE SUB-GRADE STRENGTH IS SUCH THAT IT IS PENETRATING / INFILTRATING THE CLASS 2 GRAVEL LAYER DURING COMPACTION, A G.C.C. APPROVED GEOTEXTILE IS TO BE PLACED BETWEEN THE GRAVEL AND THE SUB-GRADE.

TIMBER
ALL TIMBER TO BE ACD TREATED ROUGH SAWN APPEARANCE GRADE HARDWOOD OF A SINGLE SPECIES
ALL TIMBER TO BE PRESERVATIVE TREATED TO HAZARD CLASS H5 TO AS 1604.1-2000 AND HAVE A DURABILITY CLASS 1 OR 2 TO AS 5604-2003
ALL TIMBER TO BE FREE OF KNOTS, SPLINTERS, CRACKS OR ANY MAJOR DEFECT.
LOCATE TIMBER EDGE AS NOTED ON PLAN.
FIX EDGE WITH 2 (MIN) NAILS PER STAKE.
TO FORM CURVES SAW CUT RELIEF TO EDGE TO PROMOTE EASE OF BENDING.
STAKE AT CLOSER CENTRES WHERE REQUIRED.

REVISION			
NO	DATE	DESCRIPTION	BY CHECK
A	17/07/13	PRELIMINARY ISSUE	JB TC
B	17/08/13	GENERAL REVISION	JB TC
C	04/11/13	GENERAL REVISION	JB TC

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

14 MAR 2014

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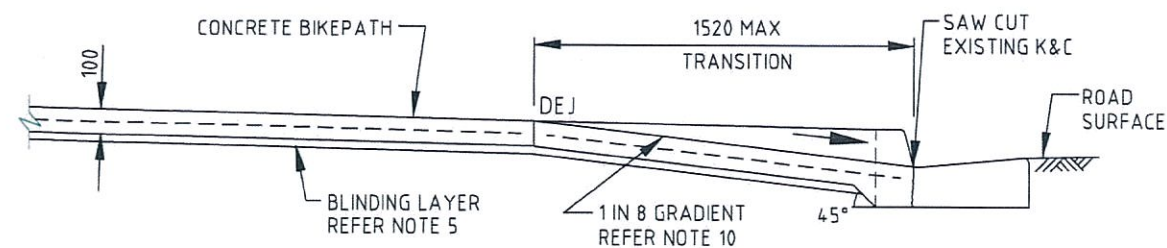
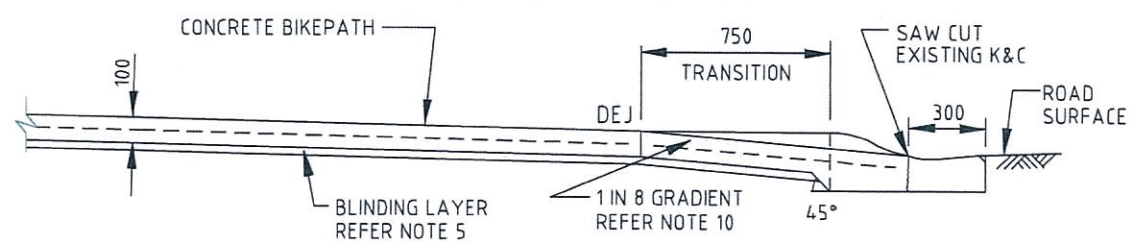
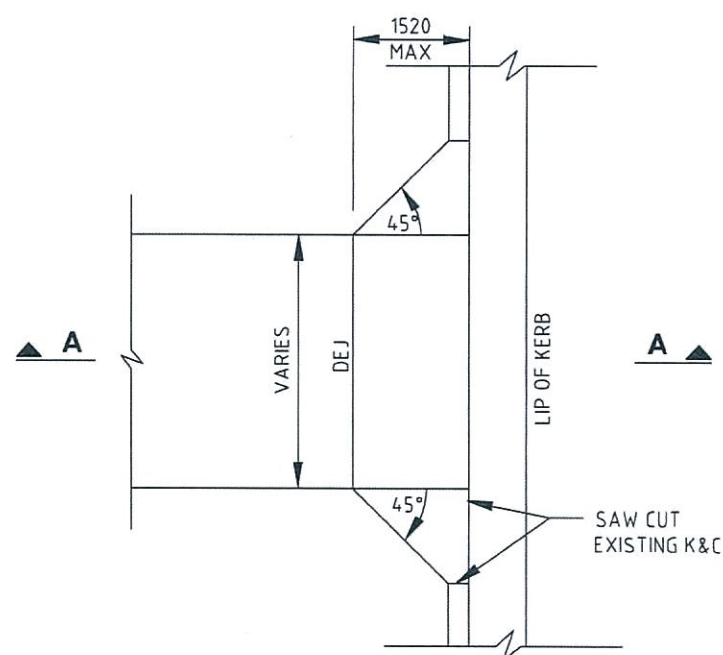
GOLD COAST
PARKLANDS REDEVELOPMENT

DRAWING TITLE

EARLY WORKS PHASE
LANDSCAPE DETAILS

DRAWN	JB
CHECKED	PROJECT DIRECTOR PROJECT LEADER
SCALE	AS SHOWN
DATE	JUNE 2013
PROJECT NO.	135120
DRAWING NO.	L-WD-4.01

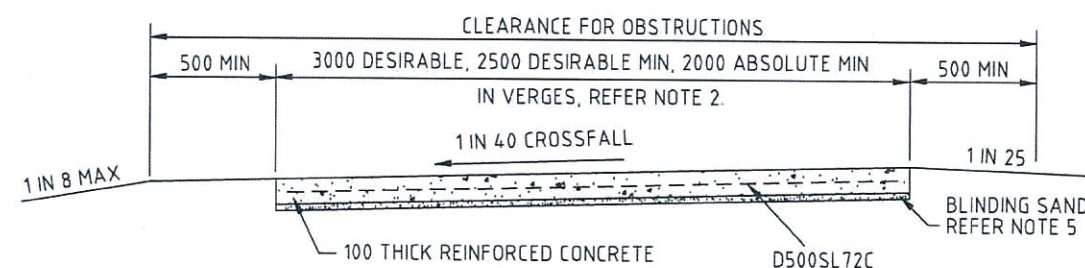
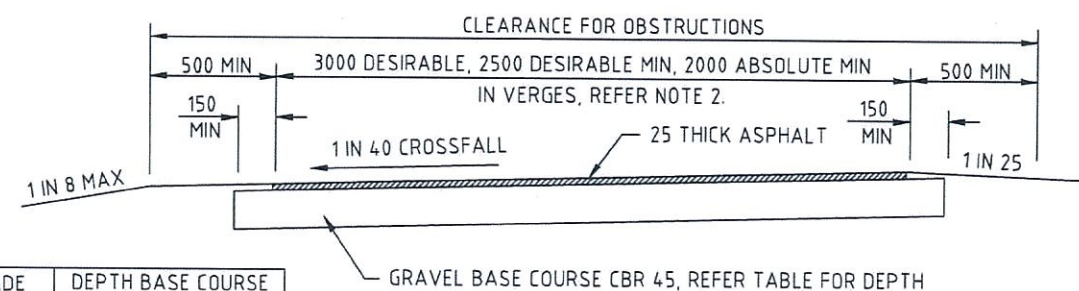
PRELIMINARY
NOT FOR CONSTRUCTION

**BARRIER KERB AND CHANNEL****ROLL TOP KERB AND CHANNEL
BIKEPATH KERB RAMP SECTIONS A-A****BIKEPATH KERB RAMP PLAN
(BARRIER KERB & CHANNEL SHOWN)****FOOTPATH REINSTATEMENT**

WHEN A CONCRETE FOOTPATH OR BIKEPATH IS TO BE PARTIALLY REMOVED (eg UNDERGROUND UTILITY INSTALLATION) AND THE WIDTH OF THE REMAINING PATH IS LESS THAN 1200mm, THE ENTIRE CONCRETE AREA IS TO BE REMOVED AND REPLACED UPON INSTALLATION OF THE UTILITY.

WHERE THE REMAINING WIDTH IS IN EXCESS OF 1200mm, THE NEW WORK WILL BE CONNECTED BY A DOWELLED JOINT - 300 LONG N12 GALVANISED BARS AT 600 CENTRES, LOCATED CENTRALLY AND CHEMICALLY ANCHORED 150 INTO THE EXISTING CONCRETE.

CBR SUBGRADE	DEPTH BASE COURSE
LESS THAN 3	200
3 - 5	150
GREATER THAN 5	125

ASPHALT SURFACED BIKEPATH**CONCRETE BIKEPATH****NOTES:**

- DESIGN OF BIKE PATHS IS TO COMPLY WITH AUSTRROADS - GUIDE TO TRAFFIC ENGINEERING PRACTICE : PART 13 - PEDESTRIANS & PART 14 - BICYCLES.
- FOR LOCATION OF BIKEPATHS IN VERGES, REFER G.C.C.C. STD. DWG. No. 05-02-005.
2000 WIDE BIKEPATH IN 4.5m VERGE
2500 WIDE BIKEPATH IN 6.0m VERGE
- ASPHALT SURFACED BIKE PATHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH G.C.C.C. STANDARD SPECIFICATIONS SS3, SS4, SS7 AND SS8.
- FOR CONCRETE BIKE PATHS, PROOF ROLL SUBGRADE TO 300 BEYOND CONCRETE EDGE. 3 PASSES WITH A CC10 ROLLER (OR EQUIVALENT). NO DEFLECTION ON LAST PASS.
- MAXIMUM 30 BLINDING LAYER OF SAND.
- CONCRETE TO BE MINIMUM GRADE N20.
- PLAIN CONCRETE SURFACES ARE TO BE HEAVY BROOM FINISHED.
- DOWELLED EXPANSION JOINTS (DEJ) AND CONTROL JOINTS (CJ) ARE TO BE PROVIDED AS SHOWN ON GCCC STD. DWG. No. 05-02-205
- ALL FINISHED SURFACES SHALL COMPLY WITH THE REQUIREMENTS OF AS3661.1 - SLIP RESISTANCE OF PEDESTRIAN SURFACES.
- THE RAMP GRADIENT IS TO BE NOT STEEPER THAN 1 IN 8 AND NOT FLATTER THAN 1 IN 8.5 - AS/NZS 1428.4:2002.
- ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.
- DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

REVISION	DATE	DESCRIPTION	BY	CHECK
A	17/07/13	PRELIMINARY ISSUE	JB	TC
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PLANS AND DOCUMENTS
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14 MAR 2014

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PROJECT NAME

**GOLD COAST
PARKLANDS REDEVELOPMENT**

DRAWING TITLE

**EARLY WORKS PHASE
LANDSCAPE DETAILS**

DRAWN JB

CHECKED PROJECT DIRECTOR
PROJECT LEADER

SCALE AS SHOWN

DATE JUNE 2013

PROJECT NO. 135120

DRAWING NO. L-WD-4.02

ARCHITECTS • INTERIORS • LANDSCAPE • PLANNING



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DRAWN BY	TECHNICAL SERVICES BRANCH
PASSED	18/03/04
APPROVED	19/03/04

STANDARD DRAWING

**CONCRETE FOOTPATHS
AND BIKEPATHS
(GREATER THAN 1200mm WIDE)**

MICROFILMED

STANDARD
DRAWING No.
05-02-401
ISSUE
2005 EDITION

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