

GENERAL NOTES

- GN1 ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH THE BUILDING CODE OF AUSTRALIA AND THE RELEVANT CURRENT AUSTRALIAN STANDARDS.
- GN2 ANY DISCREPANCIES, OMISSIONS OR ERRORS SHALL BE REPORTED TO THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- GN3 DO NOT SCALE MEASUREMENTS FROM THE DRAWINGS.

EXISTING SERVICES NOTES

- ES1 EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE SUB-CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE CONTRACTOR.
- ES2 THE SUB-CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF, EXCAVATION AND REMOVAL IF REQUIRED OF ALL REDUNDANT EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE CONTRACTOR.
- ES3 THE SUB-CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
- ES4 IF REQUIRED, THE SUB-CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE CONTRACTOR. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE SUB-CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE CONTRACTOR AND THE RELEVANT SERVICE AUTHORITY.
- ESS INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. THE SUB-CONTRACTOR IS TO GAIN APPROVAL FROM THE CONTRACTOR FOR TIME OF INTERRUPTION - THE SUB-CONTRACTOR IS RESPONSIBLE FOR ALL LIAISON.
- ES6 ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80mm uPVC SEWER GRADE CONDUITS EXTENDING A MINIMUM OF 500mm BEYOND THE EDGE OF PAVING.
- ES7 CLEARANCE AND COVER REQUIREMENTS SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY BEFORE COMMENCEMENT OF WORKS AND SHALL BE ADHERED TO AT ALL
- ES8 CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOM OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS ONLY.

PROPOSED LEGEND CONSTRUCT REINFORCED CONCRETE

BLOCK RETAINING WALL CONSTRUCT KERB ONLY CONSTRUCT KERB AND GUTTER CONSTRUCT VEHICULAR CROSSING

CONSTRUCT PRAM RAMP ● P10.00 ● G10.00

IL 25.30

1.5%

IL 25.10

375ø "X"

PROPOSED SURFACE LEVEL PROPOSED GRATE LEVEL BOLLARD (REFER TO ARCHITECTURAL PLANS FOR DETAILS) PROPOSED SURFACE INLET/JUNTION PIT

PROPOSED KERB INLET PIT WITH LINTEL CONSTRUCT GRATED DRAIN

EXCAVATE AND LAY STORMWATER DRAINAGE LINE WITH: INVERT LEVEL UPSTREAM PIPE SIZE AND CLASS

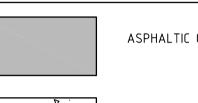
INVERT LEVEL DOWNSTREAM

PROPOSED GRASS LINED SWALE

PROPOSED RAINWATER TANK

PAVEMENT LEGEND

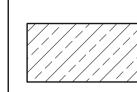
PIPE GRADE



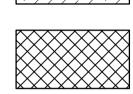
ASPHALTIC CONCRETE PAVEMENT*



HEAVY DUTY CONCRETE PAVEMENT*



HEAVY DUTY CONCRETE DRIVEWAY TO PENRITH CITY COUNCIL STANDARDS



CONCRETE DRIVEWAY TO PENRITH CITY COUNCIL STANDARDS

* DETAILS TO BE CONFIRMED DURING DETAIL DESIGN PHASE

SITEWORKS NOTES

SN1 DATUM : Australian Height Datum (AHD) ORIGIN OF LEVELS: BM / SSM 1234 RL10.00 ORIGIN OF CO-ORDINATES : Mapping Grid Of Australia (MGA) SURVEY PREPARED BY: DUNLOP THORPE & CO 447 KENT STREET SYDNEY NSW

SN2 THE CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK, AND REPORT ANY DISCREPANCIES TO THE SUPERINTENDENT.

- SN3 ALL EXISTING SERVICES (INCLUDING ANY NOT SHOWN ON THE PLANS) MUST BE ACCURATELY LOCATED IN POSITION AND LEVEL PRIOR TO ANY EXCAVATION. ANY DISCREPANCIES SHALL BE REPORTED TO THE SUPERINTENDENT. MINIMUM SERVICE CLEARANCES SHALL BE MAINTAINED FROM THE RELEVANT SERVICE AUTHORITY.
- SN4 THE CONTRACTOR SHALL ARRANGE FOR ALL SETTING OUT BY A REGISTERED SURVEYOR.
- SN5 THE CONTRACTOR SHALL OBTAIN ALL REGULATORY AUTHORITY APPROVALS AT THEIR OWN EXPENSE.
- SN6 WHERE NEW WORKS ABUT EXISTING, THE CONTRACTOR MUST ENSURE THAT A SMOOTH AND EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- SN7 ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, UNLESS SPECIFIED OTHERWISE
- SN8 EXCAVATED TRENCHES SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT NATURAL MATERIAL. ANY SUBSIDENCES DURING THE PERIOD TO BE RECTIFIED AS DIRECTED BY THE SUPERINTENDENT.
- SN9 ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE LANDSCAPE ARCHITECT'S DETAILS AND/OR BY -

PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE, ENSURING THAT NOTHING IS NAILED TO THEM, PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS -ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5m OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER, A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (eg A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300mm CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

SN10 RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SUPERINTENDENT OR AS SPECIFIED IN THE WORKS CONTRACT.

CONCRETE NOTES

- CN1 USE "AS3972-1997-PORTLAND AND BLENDED CEMENTS-TYPE GP" CEMENT (UNO).
- CN2 ALL CONCRETE SHALL BE SUBJECT TO PROJECT CONTROL
- SAMPLE AND TESTING TO \$3600-2001-CONCRETE STRUCTURES. CN3 CONSOLIDATE BY VIBRATION. CURE SURFACES AS SHOWN ON
- THE PLANS OR AS DIRECTED IN THE SPECIFICATION OR AS DIRECTED BY THE SUPERINTENDENT. CN4 FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE IS INDICATED BY A SYMBOL AS SHOWN BELOW:
 - HOT ROLLED DEFORMED BAR, GRADE PLAIN ROUND BAR, GRADE 250 SL / RL HARD DRAWN WIRE FABRIC SQUARE OR RECTANGULAR
- DIAMETER. CN5 PROVIDE BAR SUPPORTS OR SPACERS TO PROVIDE CONCRETE

COVER AS DETAILED TO ALL REINFORCEMENT.

FOLLOWING THIS SYMBOL A NUMERAL INDICATES THE SPECIFIED

CONCRETE PAVEMENTS

GENERAL

- CN6 CONCRETE MIX PARAMETERS -MAXIMUM AGGREGATE SIZE 20mm FLEXURAL STRENGTH AT 28 DAYS = 3.5 MPa (F'c=32MPa) FLEXURAL STRENGTH AT 90 DAYS = 3.85 MPa MAXIMUM WATER/CEMENT RATIO = 0.55 MAXIMUM SHRINKAGE LIMIT = 650 MICRON STRAINS (AS1012 pt13) MINIMUM CEMENT CONTENT = 300kg/m^3 CEMENT TO BE TYPE "SL" (NORMAL CEMENT) to AS3972 SLUMP = 80mm
- CN7 SAWN JOINTS ARE TO BE CUT NOT SOONER THAN 24 HOURS AND NOT LATER THAN 48 HOURS AFTER CONCRETE POUR TO AVOID DAMAGING THE SURFACE DURING SAWCUT OR AS DIRECTED BY THE SUPINTENDENT.
- CN8 JOINT LAYOUT SHALL BE AS DETAILED ON THE PLANS.
- CN9 PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN ALL BUILDINGS, OTHER STRUCTURES AND PAVEMENTS.
- CN10 BOND BREAKER TO BE TWO (2) UNIFORM COATS OF BITUMEN EMULSION ALL OVER THE EXPOSED SURFACE AND ON END.

EARTHWORKS NOTES

STRUCTURAL GRADE STEEL IN ACCORDANCE WITH AS ISO 1302-2005-GEOMETRICAL PRODUCT SPECIFICATIONS. DOWELS AND TIE BARS SHALL BE -

CN11 DOWELS AND TIE BARS TO MEET STRENGTH REQUIREMENTS OF

TO LENGTH SPECIFIED, ALL DOWELS TO BE HOT DIP GALVANISED, SAWN TO LENGTH NOT CROPPED.

- CN12 DIMENSIONS OF SEALANT RESERVOIR DEPENDANT ON THE SEALANT TYPE ADOPTED. SUPERINTENDENT APPROVAL TO BE OBTAINED FOR SEALANT AND RESERVOIR DIMENSIONS AND DETAIL PROPOSED BY THE CONTRACTOR. REFER TO PLANS FOR TYPICAL ARRANGEMENT AND SEALANT.
- CN13 PRIOR TO THE PLACEMENT OF CONCRETE IN THE ADJACENT SLAB, 'ABLEFLEX' FILLER SHALL BE ADHERED TO THE ALREADY CAST AND CLEANED CONCRETE FACE USING AN APPROVED WATERPROOF ADHESIVE. ADHESIVE SHALL BE LIBERALLY APPLIED TO THE FULL FACE OF THE CONCRETE SLAB TO BE COVERED BY THE FILLER, AND ON THE FULL FACE OF THE FILLER TO BE ADHERED.
- CN14 THE BASE COURSE SHALL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER IMMEDIATELY PRIOR TO POURING THE CONCRETE.
- CN15 ALL WORK TO BE FINISHED TO SATISFY ITS INTENDED USE AS SHOWN ON THE PLANS, AND / OR IN ACCORDANCE WITH THE SPECIFICATION.

KERBING NOTES

- CN16 ALL CONCRETE KERBS TO HAVE A MINIMUM CHARACTERISTIC COMPRESSIVE STRENGTH F'c=25MPa (UNO).
- CN17 ALL KERBS, DISH DRAINS, etc. TO BE CONSTRUCTED ON 75mm MINIMUM BASE COURSE.
- CN18 KERB EXPANSION JOINTS SHALL BE FORMED FROM 10mm COMPRESSIBLE CORK FILLER BOARD FOR THE FULL DEPTH OF
- THE SECTION. CN19 EXPANSION JOINTS SHALL BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT 12m MAXIMUM
- SPACING (UNO). CN20 TOOLED JOINTS SHALL BE MIN 3mm WIDE AND LOCATED AT
- MAXIMUM 3m SPACING.

CN21 INTEGRAL KERB JOINTS SHALL MATCH THE LOCATION OF THE PAVEMENT JOINTING.

STORMWATER NOTES

- EW1 ALL WORK SHALL COMPLY WITH AS3798 (1996) GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.
- EW2 ALL WORK SHALL COMPLY WITH THE PROJECT GEOTECHNICAL REPORT -DOUGLAS PARTNERS 73080
- EW3 STRIP TOPSOIL TO EXPOSE NATURALLY OCCURRING ENGINEERING MATERIAL AND STOCKPILE ON SITE FOR REUSE AS DIRECTED BY THE SUPERINTENDENT. SUPERINTENDENT
- EW4 ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT AND REPLACED WITH APPROVED FILL MATERIAL.

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- EW5 WHEN A SUBGRADE IS UNABLE TO SUPPORT CONSTRUCTION EQUIPMENT OR IT IS NOT POSSIBLE TO COMPACT OVERLYING PAVEMENT, ONLY BECAUSE OF SUBGRADE MOISTURE CONTENT, THEN THE CONTRACTOR SHALL CONDITION OR REPLACE THE MATERIAL AT THE CONTRACTORS DISCRETION AND EXPENSE.
- EW6 ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE SUPERINTENDENT AND SHALL COMPLY WITH THE FOLLOWING -
- a) FREE FROM ORGANIC AND PERISHABLE MATTER. b) MAXIMUM PARTICLE SIZE 75mm, c) PLASTICITY INDEX - BETWEEN 2% AND 15%.
- EW7 ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200mm THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS1289.5.1.1-2003-METHODS OF TESTING SOILS FOR ENGINEERING PURPOSES OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY -

STANDARD DRY DENSITY LOCATION

UNDER BUILDING SLABS VEHICULAR PAVED AREAS 100% NON-VEHICULAR PAVED AREAS 98% LANDSCAPED AREAS

EW8 THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

EW9 TESTING OF THE FILL MATERIAL SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE.

- SW1 ALL Ø300mm to Ø600mm DRAINAGE PIPES SHALL BE CLASS 4 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO). ALL Ø675mm OR LARGER DRAINAGE PIPES SHALL BE CLASS 3 APPROVED SPIGOT AND SOCKET REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS (UNO).
- ALL DRAINAGE PIPES LESS THAN OR EQUAL TO \$\phi 225mm SHALL BE AS/NZS1260:2009-PVC-U PIPES AND FITTINGS FOR DRAIN, WASTE AND VENT APPLICATION WITH SOLVENT WELDED JOINTS.
- SW2 EQUIVALENT STRENGTH FIBROUS REINFORCED CONCRETE AND/OR VITRIFIED CLAY PIPE MAY BE USED SUBJECT TO APPROVAL BY THE
- SW3 ALL PIPE JUNCTIONS UP TO AND INCLUDING \$\phi450mm\$ AND TAPERS, SHALL BE VIA PURPOSE MADE FITTINGS (UNO).
- SW4 MINIMUM GRADE TO STORMWATER LINES TO BE 1% (UNO).
- SW5 CONTRACTOR TO SUPPLY AND INSTALL ALL FITTINGS AND SPECIALS INCLUDING VARIOUS PIPE ADAPTORS TO ENSURE PROPER CONNECTION BETWEEN DISSIMILAR PIPEWORK.
- SW6 ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH WITH NO PROTRUSIONS.
- SW7 PRECAST CONCRETE PITS MAY BE INSTALLED IN LIEU OF CAST IN-SITU PITS, WHEN PIPE JUNCTIONS ARE ACCOMMODATED WITHIN THE OVERALL DIMENSIONS OF THE PIT, AND APPROVED BY THE SUPERINTENDENT.
- SW8 PITS DEEPER THAN 1000mm SHALL HAVE STEP IRONS INSTALLED IN ACCORDANCE WITH THE LOCAL OR STATUTORY AUTHORITY REQUIREMENTS.
- SW9 BEDDING SHALL BE TYPE H2 (UNO) FOR PIPES NOT UNDER PAVEMENTS. AND TYPE HS2 FOR PIPES UNDER PAVEMENTS IN ACCORDANCE WITH AS/NZS3725:2007-DESIGN FOR INSTALLATION OF BURIED CONCRETE
- SW10 BACKFILL TRENCH WITH SAND OR APPROVED GRANULAR BACKFILL TO 300mm(MIN) ABOVE THE PIPE. WHERE THE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO PAVEMENT SUBGRADE WITH SAND OR APPROVED GRAVEL SUB-BASE COMPACTED IN 150mm LAYERS TO 98% STANDARD MAXIMUM DRY DENSITY. THE CONTRACTOR IS TO ENSURE COMPACTION EQUIPMENT IS APPROPRIATE FOR THE PIPE CLASS USED.
- SW11 WHERE STORMWATER LINES PASS UNDER FLOOR SLABS DWV GRADE uPVC RUBBER RING JOINTS ARE TO BE USED (UNO).
- SW12 WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC DWV GRADE CLASS SN8 PIPE SHALL BE USED.
- SW13 PROVIDE 3m LENGTH OF Ø100mm SUBSOIL DRAINAGE LINE OR 200 'NYLEX' STRIP DRAIN SURROUNDED WITH 150mm of 20mm BLUE METAL OR GRAVEL, AND WRAPPED IN 'BIDUM' A24 GEOTEXTILE FILTER FABRIC OR APPROVED EQUIVALENT, AT INVERT OF INCOMING UPSTREAM PIPE ON EACH PIT.

ASPHALTIC CONCRETE NOTES

GENERAL

- AC1 ASPHALTIC CONCRETE MIX DESIGN, MANUFACTURE, PLACING AND COMPACTION SHALL BE IN ACCORDANCE WITH RTA SPECIFICATION R116-ASPHALT (DENSE GRADED AND OPEN GRADED) AND AS2150- 2005-HOT MIX ASPHALT- A GUIDE TO GOOD PRACTICE. ANNEXURE R116/1 TO BE COMPLETED BY SUBCONTRACTOR AND SUBMITTED FOR APPROVAL BY SUPERINTENDENT 7 DAYS PRIOR TO AC WORKS.
- AC2 MINERAL FILLER TO COMPLY WITH AS2150-2005-HOT MIX ASPHALT- A GUIDE TO GOOD PRACTICE.

MIX PROPORTIONS

- AC3 JOB MIX 10mm NOMINAL SIZE AGGREGATE. MINIMUM BITUMEN CONTENT (%) BY (MASS OF TOTAL MASS) - 5.1%.
- AC4 MIX STABILITY BETWEEN 16kN AND 36kN AS DETERMINED BY RTA TEST METHOD T601-COMPACTION OF TEST SPECIMENS OF DENSE GRADE BITUMINOUS MIXTURES AND T603-STABILITY OF DENSE GRADE BITUMINOUS MIXTURES.
- ACS AIR VOIDS IN COMPACTED MIX BETWEEN 4% OF VOLUME AND 7% OF THE MIX. VOIDS FILLED IN BINDER. 65-80% OF AIR VOIDS IN THE TOTAL MINERAL AGGREGATE FILLED BY BINDER IN ACCORDANCE WITH RTA TEST METHOD T601-COMPACTION OF TEST SPECIMENS OF DENSE GRADE BITUMINOUS MIXTURES, T605-MAXIMUM DENSITY OF BITUMINOUS PLANT MIX AND T606-BULK DENSITY OF COMPACTED DENSE GRADED BITUMINOUS MIXTURES.

PAVEMENT PREPARATION

- AC6 THE EXISTING SURFACE TO BE SEALED, SHALL BE DRY AND BROOMED BEFORE COMMENCEMENT OF WORK TO ENSURE COMPLETE REMOVAL OF ALL SUPERFICIAL FOREIGN AND LOOSE
- AC7 ALL DEPRESSIONS OR UNEVEN AREAS ARE TO BE TACK-COATED AND BROUGHT UP TO GENERAL LEVEL OF PAVEMENT WITH ASPHALTIC CONCRETE BEFORE LAYING OF MAIN COURSE.

TACK COAT

AC8 THE WHOLE OF THE AREA TO BE SHEETED WITH ASPHALTIC CONCRETE SHALL BE LIGHTLY AND EVENLY COATED WITH RAPID SETTING BITUMEN. APPLICATION RATE FOR RESIDUAL BITUMEN SHALL BE 0.15 TO 0.30 LITRES/SQUARE METRE. APPLICATION SHALL BE BY MEANS OF A MECHANICAL SPRAYER WITH SPRAY

SPREADING

- AC9 ALL ASPHALTIC CONCRETE SHALL BE SPREAD WITH A SELF PROPELLED PAVING MACHINE.
- AC10 THE ASPHALTIC CONCRETE SHALL BE LAID AT A MIX TEMPERATURE AS SHOWN BELOW -

ROAD SURFACE TEMP IN SHADE (°C) TEMPERATURES (°C) 5 – 10 NOT PERMITTED 150 10 - 15

- AC11 ASPHALTIC CONCRETE SHALL NOT BE LAID WHEN THE ROAD SURFACE IS WET OR WHEN COLD WINDS CHILL THE MIX TO ADVERSELY AFFECT TEMPERATURE OF MIX DURING SPREADING AND COMPACTION OPERATIONS.
- AC12 THE MINIMUM COMPACTED THICKNESS IS 30mm.

15 – 25

AC13 THE NUMBER OF JOINTS BOTH LONGITUDINAL AND TRANSVERSE SHALL BE KEPT TO A MINIMUM.

145

AC14 THE DENSITY AND SURFACE FINISH AT JOINTS SHALL BE SIMILAR TO THOSE OF THE REMAINDER OF THE LAYER.

- AC15 ALL COMPACTION SHALL BE UNDERTAKEN USING SELF PROPELLED ROLLERS.
- AC16 INITIAL ROLLING SHALL BE COMPLETED BEFORE THE MIX
- TEMPERATURE FALLS BELOW 105°C. AC17 SECONDARY ROLLING SHALL BE COMPLETED BEFORE THE MIX

TEMPERATURE FALLS BELOW 60°C.

AC18 MINIMUM CHARACTERISTIC VALUE OF RELATIVE COMPACTION OF A LOT WHEN TESTED IN ACCORDANCE WITH AS2734-2005-HOT MIX ASPHALT-A GUIDE TO GOOD PRACTICE SHALL BE 95%.

FINISHED PAVEMENT PROPERTIES

AC19 FINISHED SURFACES SHALL BE SMOOTH, DENSE AND TRUE TO SHAPE AND SHALL NOT VARY MORE THAN 10mm FROM THE SPECIFIED PLAN LEVEL AT ANY POINT AND SHALL NOT DEVIATE FROM THE BOTTOM OF A 3m STRAIGHT EDGE LAID IN ANY DIRECTION BY MORE THAN 5mm.

Key to symbols Reference drawings P2 27.07.12 AMP RE-ISSUED FOR PROJECT APPLICATION CJA P1 | 25.07.12 | AMP | ISSUED FOR PROJECT APPLICATION | CJA Ch'k'd App'd Rev Date Drawn Description Level 3, 90 Phillip Street Parramatta, NSW 2150 Australia PO Box 163, Parramatta NSW 2124, Australia

Notes





MASTERS HOME IMPROVEMENT CENTRE NEPEAN GREEN PENRITH NOTES AND LEGENDS SHEET

Designed Eng check Coordination Drawn Dwg check DR Approved Scale at A1 Drawing Number

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