

ROAD NOTES 4:

1. ASPHALT

DESIGN BASED ON A TYPICAL SYDNEY BASIN CLAY - CBR = 3%

- B) ALL AC TO AS2150, AS2758.5, AS2008, AS2891 AND RMS QA SPECIFICATIONS R116, BUT ANY REQUIREMENTS/SPECIFICS ON THIS PLAN TAKE PRIORITY.
- MUST USE RAP IN MIX 10%-20%
- D) BITUMEN CLASS: 320

 E) IF TESTING SHALL ASCERTAIN THE FOLLOWING: PROFILE & TYPE OF EXISTING PAYEMENT, SUBGRADE CBR (4 DAY SOAKED), SUBGRADE CBR INSITU (PENETROMETER), TRAFFIC LOADING OVER 20 YEARS AND DEFLECTION ANALYSIS OF EXISTING PAYEMENT

 D. <u>SAFLIT/JIGNAGE/ACCESS</u>

 DURING CONSTRUCTION, ADEQUATE WARNING SIGNS AND BARRICADING SHALL BE PROVIDED TO ENSURE THAT THE WORK SITE MEETS THE REQUIREMENTS OF AS 1742.2 & 1743.3, AND TO PROVIDE ADEQUATE PROTECTION TO PEDESTRIANS & MOTORISTS.
- 20 YEARS AND DEFLECTION ANALYSIS OF EXISTING PAVEMENT
 (FALLING WEIGHT DEFLECTOMETER)

 C) THESE TYPE OF PAVEMENTS ARE ECONOMICAL IN URBAN AREAS
 AND PARTICULARLY HIGH VOLUME TRAFFICKED ROADS,
 INTERSECTIONS, AND SHOPPING CENTRES AS VERY RAPID
 CONSTRUCTION, EGL EXCAVATION, BASE COURSE AND CORRECTION
 COURSE ON ONE DAY OR NIGHT (EITHER IN FULL ROAD OR HALF ROAD WIDTH). COMPARED TO CONVENTIONAL ROAD BASE PAVEMENTS — MASSIVE SAVINGS IN HAULAGE AND DISPOSAL COSTS OF EXCAVATED MATERIAL PLUS MUCH LOWER RISK OF ENCOUNTERING UTILITIES AND SERVICES

2. EXCAVATION

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 AT ALL JOINS TO EXISTING CONCRETE/ASPHALT THE JOIN SHALL
 BE SAW CUT BEFORE EXCAVATION.

 B) ALL EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND B)
 DISPOSED OF AT A LICENSED WASTE DISPOSAL FACILITY.

(ORIGINAL = A3 SHEET)

- RMS SPECIFICATION FOR DGB AND CEMENT TREATED. FOR RECYCLED ROAD BASE-REFER TO 'SPECIFICATION FOR SUPPLY A)
 OF RECYCLED MATERIAL FOR PAYEMENTS, EARTHWORKS AND
 DRAINAGE' BY IPWEA (NSW) 2010 OF LATEST EDITION.
- 4. UTILITIES, SERVICES & SURVEY MARKS

 A) ALL UNDERGROUND UTILITY SERVICES SHALL BE CHECKED FOR LEVEL AND LOCATION PRIOR TO COMMENCEMENT OF WORKS, BY THE CONTRACTOR.
- B) ALL SERVICE COVERS AFFECTED BY THE WORKS SHALL BE
 ADJUSTED AS REQUIRED AND TO SUIT THE LEVELS OF THE NEW
 WORK. NO SERVICE FITTINGS SHALL BE COVERED.
- C) PROPERTY STORMWATER PIPES: WHERE AFFECTED, SHALL BE

REPLACED WITH 90MM UPVC OR TO SUIT EXISTING AND INVERT

SHALL MATCH THE GUTTER LEVEL.

STATE SURVEY MARKS (SSM'S) - SHALL NOT BE DISTURBED UNLESS APPROVED BY THE COUNCIL ENGINEER.

5. RESIDENT NOTIFICATION

ALL RESIDENTS AFFECTED BY THE WORKS SHALL BE NOTIFIED AT LEAST 2 WORKING DAYS BEFORE THE RELEVANT WORK COMMENCES AND ANY REASONABLE REQUESTS ACCOMMODATED.

6. SAFETY/SIGNAGE/ACCESS

- B) ADEQUATE AND SAFE ACCESS FOR PEDESTRIANS SHALL BE PROVIDED AT ALL TIMES.

 C) AT DRIVEWAYS PREVENTION OF ACCESS SHALL BE KEPT TO AN
- ABSOLUTE MINIMUM AND ARRANGEMENTS SHALL BE MADE WITH THE RESIDENT/BUSINESS, BY THE CONTRACTOR, FOR A SUITABLE

DAY/TIME FOR THIS WORK. **DIMÉNSIONS**

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SHOWN OTHERWISE.
- 8. GENERAL
- ALL WORKS SHALL BE CARRIED OUT TO COUNCIL'S SPECIFICATION, TO BEST PRACTICE STANDARDS, AND TO THE SATISFACTION OF
- COUNCIL'S SUPERVISING ENGINEER.
 THE WORK SITE SHALL BE KEPT IN A CLEAN, TIDY, AND SAFE
 CONDITION AT ALL TIMES AND TO THE SATISFACTION OF COUNCIL'S **ENGINEER**

9. DOCUMENT PRIORITY

THIS PLAN SUPERSEDES ANY STATEMENTS ON OTHER DOCUMENTS, EG SPECIFICATIONS, OTHER PLANS, ETC, UNLESS ADVISED BY THE COUNCIL ENGINEER.

10. INSPECTIONS
INSPECTIONS BY THE COUNCIL SUPERVISING ENGINEER SHALL BE REQUIRED AT THE FOLLOWING STAGES AND AS OTHERWISE DIRECTED BY THE COUNCIL ENGINEER:-

- EXCAVATION COMPLETED
- SUBGRADE COMPACTED, INCLUDING ANY IMPROVEMENT LAYER
- SUB-BASE LAID AND COMPACTED
 BASE-COURSE LAID AND COMPACTED
- SURFACE LAID AND COMPACTED

VERY IMPORTANT:

 Ω = same as for full depth ac PLAN R6

Φ = IT MAY BE MORE ECONOMICAL (LESS EXCAVATION, HAULAGE, DISPOSAL PLUS REDUCE RISK OF UTILITY AND SERVICE ADJUSTMENTS) TO USE CEMENT TREATED ROAD BASE (5000 MPa-ALLOW 25% REDUCTION IN DEPTH OF SUBBASE)

NOTE: CAN BE REFINED BY TESTING

S.R.A. / SURV. GEN. INNER WEST COUNCIL __t__t__t__ R.T.A. A.G.L. / SHELL PIPELINE SEWER SYDNEY WATER SCALES STANDARD ROAD DRAWING - R5 PG/DJT MAY 2019 TELSTRA / OPTUS WATER --w--w--w--w--PROVED FOR CONSTRUCTION R5 INNER WEST SYDNEY ELECTRICITY RAILWAY STANDARD FLEXIBLE ROAD PAVEMENT NTS NOTICE OF ENTRY —E—E—E—E— COUNCIL KERB & GUTTER
NOTICES OIL PIPELINES RECONSTRUCTION WITH ASPHALTIC CONC. OVER DGB VERSION VI