

PROPOSED 7 LOT SUBDIVISION AT
POR 14 WONBOYN LAKE, NARRABARBA

ACCESS ROAD AND DRAINAGE WORKS

FOR DA APPROVAL

APRIL 2010

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PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR SHALL

- A1. PRODUCT INSURANCES REQUIRED AS DEVELOPMENT CONSENT CONDITIONS.
- A2. INSURANCE COVERING THE SUBDIVISION FOR THE PERIOD OF CONSTRUCTION.
- A3. INSTALL SEWAGE AND EROSION CONTROL DEVICES, AND OBTAIN A COPY OF "MANAGING URBAN STORMWATER, 4TH EDITION" PRODUCED BY THE NSW DEPARTMENT OF HOUSING
- A4. BE AWARE OF THE FOLLOWING

- * THESE NOTES DO NOT REPLACE THE NEED TO READ COUNCIL'S CONSTRUCTION SPECIFICATION, PERSONAL DURING THE WORK-AS-EXECUTED PLAN, OR A TYPE APPROVED BY THE COUNCIL.
- * ERRORS AND OMISSIONS ON PLANS ARE TO BE RECTIFIED AT THE COUNCIL ENGINEER'S DISCRETION.
- * TEST RESULTS ARE TO BE SENT TO COUNCIL'S SUPERVISING ENGINEER IMMEDIATELY.
- * PROPOSED VARIATIONS TO THE PLANS ARE TO BE REFERRED BACK TO COUNCIL FOR APPROVAL.
- * THE CONTRACTOR SHOULD BE AWARE THAT IF HE PROVIDES THE MAINTENANCE BOND ON BEHALF OF THE DEVELOPER, THEN IF THIS IS THE ONLY BOND HELD, IT WILL BE USED TO GUARANTEE PERFORMANCE OF ALL WORK REQUIRED FOR THE DEVELOPMENT, REGARDLESS OF WHO WAS RESPONSIBLE FOR CARrying OUT THE WORK.

GENERAL NOTES

- G1. ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH THESE DRAWINGS, CONTRACT SPECIFICATION & COUNCIL'S "DESIGN CODE".
- G2. NO TREES ARE TO BE REMOVED OTHER THAN THOSE AFFECTED BY ROAD, LAND FILL FOR CUT OR DRAINAGE WORKS. COUNCIL'S SUPERVISING ENGINEER WILL DETERMINE WHETHER TREES ARE TO BE REMOVED OR NOT.
- G3. INSPECTION AND APPROVAL OF THE WORKS IS REQUIRED BY COUNCIL AT THE FOLLOWING STAGES
 - * WHEN DRAINAGE LINES HAVE BEEN Laid, JONTED AND REDDED PRIOR TO BACKFILLING.
 - * WHEN ROADWORKS HAVE BEEN EXCAVATED TO SUBGRADE LEVEL PRIOR TO PLACEMENT OF PAVEMENT MATERIAL. (SEE TESTING)
 - * WHEN PAINT IS SPECIFIED BY COUNCIL'S SUPERVISING ENGINEER, OR THE PAVEMENT DEPTH HAS BEEN MeASUred, (SEE TESTING)
 - * AT COMPLETION OF ALL WORK
- G4. PAVEMENT TESTING TO BE CARried OUT IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS AT THE FOLLOWING STAGES:
 - * SUBGRADE - DENSITY AND ROLLER TESTS.
 - * INTERMEDIATE LEVELS (IF REQUIRED BY COUNCIL'S SUPERVISING ENGINEER) - DENSITY AND ROLLER TEST.
 - * AT FINISHED PAVEMENT LEVEL.

- PAVEMENT TESTING TESTS ARE TO BE CARried OUT BY COUNCIL'S SUPERVISING ENGINEER, USING A THREE POINT ROLLER ALSO DESCRIBED AS A STEAM-ROLLER.
- 2. DENSITY TEST, BEAM TESTS AND GR TESTS ARE TO BE CARried OUT BY A COUNCIL APPROVED NATA REGISTERED LABORATORY (BEAM TESTS ARE ABLE TO BE CARried OUT BY COUNCIL - CONTACT MAY BE MADE WITH COUNCIL'S PAVEMENT'S ENGINEER FOR A QUOTE).
- 3. TEST RESULTS ARE TO BE SENT IMMEDIATELY TO THE COUNCIL'S SUPERVISING ENGINEER.
- 4. WHEN THE PAVEMENT IS FINISHED, BEAM TESTS ARE TO BE CARried OUT BY COUNCIL'S SUPERVISING ENGINEER.
- 5. A THREE POINT ROLLER (ALSO DESCRIBED AS A STEAM-ROLLER) IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION, IS TO BE USED ON ALL BUT THE MARBOWEST SHOULDERS, FOR ROLLER TESTING.
- G5. SERVICES WHERE SHOWN ON THE PLAN ARE APPROX. ONLY AND HAVE BEEN LOCATED FROM SITE INVESTIGATION AND THE RELEVANT AUTHORITY. ALL SERVICES ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO CONSTRUCTION.
- G6. ANY ADJUSTMENT TO PUBLIC UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR/DEVELOPER.
- G7. ALL SERVICES ARE TO BE INSTALLED PRIOR TO THE LAYING OF ANY ROAD PAVEMENT MATERIAL. AS ARE CONDUITS FOR BOTH PUBLIC UTILITIES AND INDIVIDUAL ALLOTMENT SERVICES.

EROSION & SEDIMENT CONTROL

- ES1. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH "MANAGING URBAN STORMWATER, 4th EDITION" PRODUCED BY THE NSW DEPARTMENT OF HOUSING & IN ACCORDANCE WITH THE ACCOMPANYING SOIL & WATER MANAGEMENT PLAN (SWMP) & WATER CYCLE MANAGEMENT PLAN.
- ES2. AT START OF CONSTRUCTION ALL TOPSOIL TO BE REMOVED & STOCKPILED AWAY FROM CONSTRUCTION. N.B. - TOPSOIL HEAPS TO BE PROTECTED WITH SILT STOP FENCING TO PREVENT TOPSOIL LOSS.
- ES3. AT COMPLETION OF CONSTRUCTION TOPSOIL TO BE REPLACED ON BATTERS, DRAINS & ALL OTHER DISTURBED AREAS. 100 - 150 mm THICK. ALL WATER COURSES TO BE TOWED GRASS SPECIES AND FERTILISED TO PROMOTE GROWTH. WHEN SLOPES ARE TO BE REVEGETATED, SEEDS TO BE HYDROSEEDING (IF REQUIRED BY COUNCIL) OR SEEDED AND FERTILISED AS SPECIFIED BY COUNCIL.

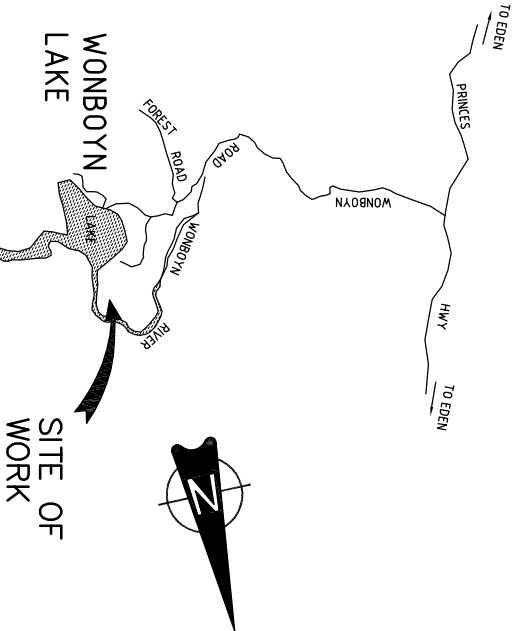
TRAFFIC CONTROL

- TC1. THE CONTRACTOR IS TO PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION IN ACCORDANCE WITH AS1723.
- TC2. CONTRACTOR TO SATISFY COUNCIL & RTA REQUIREMENTS WITH RESPECT TO WORKING ON PUBLIC & ARTERIAL ROADS.

RM DETAILS

REFERENCE MARK - CORNER PEG REFER TO SHEET 021

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A	FEB 08	J.M.A.	G.M.	ISSUE FOR D.A. APPROVAL				TITLE SHEET					
B	04/10	D.J.M.	J.M.A.	REVISED AS PER COUNCIL REQUIREMENTS									
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LOCALITY SKETCH

NOT TO SCALE