GENERAL

1. FOR DETAILS OF NEW BUILDING WORKS REFER TO RELEVANT ARCHITECTURAL DRAWINGS
2. FOR EXISTING LEVELS REFER TO SITE SURVEY DRAWINGS

ROOF DRAINAGE

1. ROOFWATER DRAINAGE INLET SUMPS, GUTTERS AND DOWNPIPES TO BE SIZED TO SUIT THE 20 YEAR ARI
2. ALL ROOF WATER INLETS AND GUTTERS TO HAVE PROTECTION AGAINST LEAVES OR DEBRIS BLOCKAGE BY PROVISION OF MESH GUARDS
3. ALL ROOF DRAINAGE TO BE CONNECTED TO THE UNDERGROUND STORMWATER PIPE SYSTEM OR RAINWATER TANKS
4. ALL OVERFLOWS TO BE DIRECTED TO THE SURFACE DRAINAGE SYSTEM

SURFACE WATER DRAINAGE

1. SURFACE WATER RUNOFF FROM THE GROUND BOTH PAVED AND UNPAVED TO BE CONVEYED BY UNDERGROUND PIPES TO THE EXISTING ABOVE GROUND DETENTION SYSTEM
2. PIPES AND GULLY PITS TO BE DESIGNED FOR THE 1 IN 20 YEAR ANNUAL RECURRENCE INTERVAL FLOW WHERE OVERLAND FLOW ROUTES ARE PROVIDED OR THE 1 IN 100 YEAR (AR) WHERE OVERLAND FLOW ROUTES ARE NOT PROVIDED ALL AS REQUIRED BY COUNCIL
3. ALL FLOWS IN EXCESS OF THE 20 YEAR ARI UP TO THE 100 YEAR ARI WHERE NOT CARRIED IN 100 YEAR PIPES TO BE CONVEYED BY OVERLAND FLOW TO THE DETENTION PONDS

STORMWATER DETENTION

1. THERE IS AN EXISTING ABOVE GROUND STORMWATER DETENTION POND SERVICING THE EXISTING MAIN HOSPITAL
2. THE NEW HOSPITAL EXTENSION TO THE WEST EXTENSION LIES WITHIN THE EXISTING CATCHMENT AREA SERVICED BY THE DETENTION PONDS
3. NEW DRAINAGE FROM ALL PAVED AND UNPAVED AREAS TO BE CONNECTED TO A NEW DISCHARGE CONTROL PIT AT THE ENTRY TO THE EXISTING DETENTION PONDS
4. THE DISCHARGE CONTROL PIT TO BE FITTED WITH A RESTRICTED OUTFLOW PIPE TO LIMIT OUTFLOWS TO MEET EXISTING DETENTION SYSTEM PERMISSIBLE SITE DISCHARGE REQUIREMENTS

STORMWATER QUALITY MANAGEMENT

1. STORMWATER QUALITY IMPROVEMENT MEASURES ARE PROVIDED BY THE EXISTING ABOVE GROUND DETENTION SYSTEM WHICH COMPRISES DETENTION PONDS AND ROCK WALL FILTERS
2. A GROSS POLLUTANT TRAP TO BE PROVIDED TO MEET THE REQUIREMENTS FOR RETENTION OF SOLIDS, DEBRIS, COARSE, MEDIUM AND FINE PARTICLES
3. GROSS POLLUTANT TRAP TO BE DESIGNED TO PASS THE FLOWS FROM THE 1 IN 100 YEAR STORM

LEGEND

- LOT BOUNDARIES
- PROPOSED CONTOURS
- EXISTING CONTOURS
- K.G. KERB & GUTTER OR KERB & TRAY
- LIGHT DUTY PAVEMENT/CARBAYS
- MEDIUM DUTY PAVEMENT/DRIVEWAY
- HEAVY DUTY PAVEMENT/DRIVEWAY
- LIGHT DUTY CONCRETE PAVING
- HEAVY DUTY CONCRETE PAVING
- EXISTING STORMWATER PIPES + PIT
- PROPOSED STORMWATER PIPES + PIT
- PROPOSED SUBSOIL LINE
- PROPOSED STORMWATER GULLY PIT
- 1 IN 'X' FALL AND GRADE ON PAVEMENT
- OVERLAND FLOW ROUTE
- PEDESTRIAN RAMP

NOTE:
- ALL CAR SPACES TO BE 2.6x5.4 U.N.O.
- Q20 TO SUIT 20 YEAR ARI (ANNUAL RECURRENCE INTERVAL)
- Q100 TO SUIT 100 YEAR ARI (ANNUAL RECURRENCE INTERVAL)

NOTE:
ALL ROOF WATER TO BE CONNECTED DIRECTLY OR FROM OVERFLOW FROM RAIN WATER REUSE TANKS.

NOTE:
ALL EXISTING ROOF DRAINAGE DOWN PIPES TO BE RETAINED AND CONNECTED TO NEW STORMWATER PIPES

NOTE:
ALL ROOF WATER TO BE CONNECTED TO Q100 PIPES EAST OR WEST.

REFER TO ARCHITECTS DRAWINGS FOR NEW CARPARK LINE MARKING ARRANGEMENT/LAYOUT. LINE MARKING TO BE UNDERTAKEN IN ACCORDANCE WITH CIVIL GENERAL NOTES DRAWING CV-000.01 AND CIVIL EXTERNAL WORKS SPECIFICATION CV-SP001

EARLY WORKS PACKAGE
FOOTPATH REINSTATED OVER NEW GAS MAIN INSTALLATION. (UNDER BRIDGE OVER)

KERB ALIGNMENT HERE MEETS ALL REQUIREMENTS FOR VEHICLE SWEPT PATHS IRRESPECTIVE OF ANY BIKE PROXIMITY PREFERANCES

DIESEL FILLER POINT
DIESEL TRUCK MAXIMUM LENGTH 12.5M CAN ONLY REVERSE INTO BAY, SPACE BEHIND TO ENABLE REVERSING BEFORE DRIVING FORWARD TO EXIT.

1:250

INFORMATION

KEY PLAN

NORTH

NOTES
1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVE RN.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BEFORE PROCEEDING WITH THE WORK. ENSTRUCT SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
4. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS, REPORTS AND DRAWINGS.

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Rev	Description	Date	Rev	Description	Date	Rev	Description	Date
05	SCHEMATIC DESIGN	20.12.11						
04	SCHEMATIC DESIGN	19.12.11						
03	MAIN WORKS PART 3A SUBMISSION	13.12.11						
02	ISSUED FOR TENDER	28.11.11						
01	PRELIMINARY ISSUE	22.11.11						

CONSULTANT
aurecon
PROJECT MANAGEMENT
AURECON CONSULTANTS PTY LTD
LEVEL 2, 116 MILITARY ROAD
NEUTRAL BAY, NSW 2089
HASSELL
ARCHITECTURAL SERVICES
HASSELL LTD
88 CUMBERLAND ST
SYDNEY NSW 2000
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TTW
TRAFFIC CONSULTANTS
TTW
48 CHANDOS ST
St LEONARDS NSW 2065

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NSW GOVERNMENT
Health Infrastructure
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NSW HEALTH

STRUCTURAL & CIVIL DESIGN CONSULTANT
ENSTRUCT CONSULTANTS PTY LTD
LEVEL 4, 2 GLEN ST MILSONS POINT NSW 2061
AUSTRALIA
SYDNEY@ENSTRUCT.COM.AU
T 61 2 8904 1444 F 61 2 8904 1555
enstruct

PROJECT

PORT MACQUARIE BASE HOSPITAL EXPANSION
WRIGHTS RD, PORT MACQUARIE, N.S.W. 2444, AUSTRALIA

DRAWING TITLE

MAIN WORKS
CIVIL EXTERNAL WORKS
PART PLAN 2

STATUS	JOB NO.
FOR INFORMATION	4193

SCALE AT A0	DRAWN	DESIGNED	CHECKED	APPROVED
1:250	J.D.B.	T.B.B.	R.C.	R.C.

DISC.	DWG NO.	LEVEL	REGION	STAGE	ISSUE
CV	100.11	L1	SP1	SD	05

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