

GENERAL

- ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA A.S.3500.3, COUNCILS STANDARD SPECIFICATION CODES AND THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS.
- MINIMUM GRADES FOR ALL PIPE - 1.0%.
- DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- ROOF DRAINAGE SYSTEM TO COMPLY WITH PART 3.5.2.4(d) OF BCA cl 3.5 AND APPENDIX G OF AS/NZS 3500.3:2003 PLUMBING AND DRAINAGE STANDARDS
- STORMWATER DESIGN AND CONSTRUCTION SHOULD SATISFY BCA 3.1.2

DRAINAGE LINES

- ALL CHARGED LINE PIPES TO BE 100Ø uPVC SEWER CLASS UNLESS SHOWN OTHERWISE
- ALL NON-PRESSURE STORMWATER PIPES TO BE 100Ø uPVC UNLESS SHOWN OTHERWISE

GRATED DRAINS

- ALL GRATED DRAINS TO BE MINIMUM 150 WIDE GALVANIZED HEAVY DUTY GRATES.

DOWN PIPES

- ALL DOWN PIPES TO BE 90Ø uPVC UNLESS OTHERWISE SHOWN
- DOWN PIPE TO BE INSTALLED NOT MORE THAN 12m INTERVALS.
- ALL DOWN PIPES SHALL CONFORM TO AS/NZS 1866 FOR ALUMINIUM PIPES AND AS 1254, AS/NZS 1260, AS 1273, AS/NZS 1477, AS/NZS 2179.2 AND AS 2032 FOR uPVC PIPES.

GUTTERS

- GUTTER SLOPE SHOULD BE 1:500 MINIMUM AS PER AS/NZS 3500.3:2003

BOX GUTTERS

- ALL BOX GUTTERS SHALL COMPLY WITH AS/NZS 2179.1
- ALL BOX GUTTERS SHALL BE CONSTRUCTED WITH A MINIMUM 1:200 GRADE TO SUMP/DOWNPIPES

RETAINING WALLS & 'AGG' LINES

- ALL RETAINING WALLS ARE TO BE WATERPROOFED AND CONSTRUCTED WITH Ø100mm AGRICULTURAL LINES AT THE BASE AND CONNECTED TO THE NEAREST PIT IN THE COURTYARD.

SERVICES

- NO EXCAVATION IN FOOTPATH WITHOUT CHECKING FOR DEPTH AND LOCATION OF SERVICES.

RAINWATER TANKS

- REFER TO MANUFACTURES SPECIFICATION FOR INSTALLATION OF RAIN WATER TANK
- THE SYSTEM TO BE DESIGNED WITH THE FOLLOWING GUIDELINES
 - A 'FIRST FLUSH' DIVERSION TO REMOVE ROOF CONTAMINANTS
 - ADEQUATE SCREENING TO PREVENT MOSQUITO BREEDING AND ENTRY OF FOREIGN MATTER
- TANKS TO BE PLUMBED TO TOP-UP FROM THE POTABLE WATER SUPPLY DURING DRY PERIODS WHEN THE TANKS ARE 80% EMPTY.
- NO DIRECT CROSS-CONNECTION WITH THE SYDNEY WATER POTABLE SUPPLY AND AN AIR GAP MAINTAINED ABOVE THE OVERFLOW IN THE TANK.
- A SIGN TO BE INSTALLED STATING "NOT FOR HUMAN CONSUMPTION."
- RAINWATER TANK TO BE CONNECTED AS PER BASIX REQUIREMENTS.
- OVERFLOW FROM THE TANK SHALL BE PIPED TO THE DRAINAGE SYSTEM.

CHARGED DRAINAGE LINES

- CHARGED SYSTEM FROM DOWN PIPES TO RAINWATER TANK TO COMPLY WITH AUSTRALIAN STANDARDS.
- CHARGED SYSTEM RAISING OUT OF THE GROUND MUST BE SEALED AND PAINTED.

SILT ARRESTOR NOTES:

- PITS TO BE CONSTRUCTED IN THE FOLLOWING MANNER:
 - PRECAST
 - BRICKS WITH CEMENT RENDER
- OUTLET PIPES TO BE PLACED AT 90 DEGREES TO THE INLET PIPELINE (AS PER DETAIL)
- INLET TO BE ABOVE THE SCREEN AND THE OUTLET TO BE BELOW THE SCREEN
- ALL WORK TO BE TO THE SATISFACTION OF THE DIRECTOR OF TECHNICAL SERVICES
- ORIFICE PLATES ARE NOT TO BE USED
- FOR CONNECTION TO COUNCILS DRAINAGE SYSTEM
 - CONNECTION TO BE MADE INTO TOP ONE THIRD OF COUNCIL'S PIPE AT 45 DEGREES TO FLOW
 - INSPECTION TO BE MADE BY COUNCIL'S ENGINEER PRIOR TO THE SEALING OF THE JOINT

PITS

- ALL PITS ARE TO BE BENCHED TO ALLOW SMOOTH FLOW OF WATER THROUGH PITS
- ALL NON-TRAFFICABLE PITS TO BE LIGHT DUTY. PITS IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- ALL PITS GREATER THAN 1.2m DEPTH SHALL INCLUDE STEP IRONS AND HAVE MINIMUM CLEAR DIMENSIONS OF 600 x 600.

