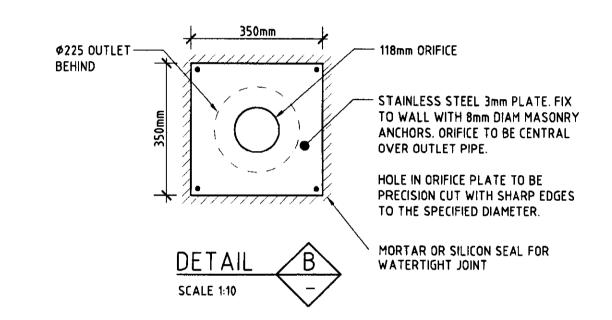
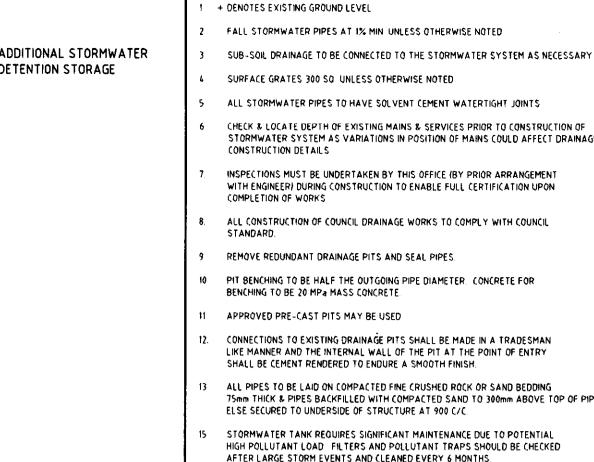


DRAINAGE LONGSECTION

1:100 NATURAL SHOWING PIPED OUTLET TO THE COUNCIL DRAINAGE SYSTEM





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 ENDURE A SMOOTH FINISH. ALL PIPES TO BE LAID ON COMPACTED FINE CRUSHED ROCK OR SAND BEDDING

75mm THICK & PIPES BACKFILLED WITH COMPACTED SAND TO 300mm ABOVE TOP OF PIPE ELSE SECURED TO UNDERSIDE OF STRUCTURE AT 900 C/C. STORMWATER TANK REQUIRES SIGNIFICANT MAINTENANCE DUE TO POTENTIAL

STORMWATER SYSTEM AS VARIATIONS IN POSITION OF MAINS COULD AFFECT DRAINAGE

HIGH POLLUTANT LOAD FILTERS AND POLLUTANT TRAPS SHOULD BE CHECKED AFTER LARGE STORM EVENTS AND CLEANED EVERY 6 MONTHS.

'FIRST FLUSH' DEVICE TO BE PROVIDED TO EACH DOWNPIPE OR IF PREFERRED A SINGLE DEVICE TO BE PROVIDED ON THE UPSTREAM SIDE OF STORAGE TANK FOR EACH PIPED INLET TO RAINWATER TANK. A SINGLE FIRST FLUSH DEVICE MAY BE PROVIDED IN LIEU OF EACH DOWNPIPE.

PIPE ROUTES SHOWN ARE INDICATIVE ONLY AND SHOULD BE AS NECESSARY ACCORDING TO SITE CONDITIONS, TREE POSITIONS ETC. CONFIRM SIGNIFICANT CHANGES IN PIPES SYSTEM DETAILS WITH SUPERVISING ENGINEER PRIOR TO COMMENCEMENT OF DRAINAGE CONSTRUCTION WORKS

PLUMBING AND DRAINAGE WORKS TO COMPLY WITH AS-3500, THE NATIONAL

DRAINAGE & PLUMBING CODE THIS STORMWATER MANAGEMENT PLAN HAS BEEN PREPARED FOR D.A. SUBMISSION TO

COUNCIL AND DOES NOT NECESSARILY CONTAIN ALL APPROPRIATE INFORMATION TO ENABLE FOR ISSUE TO PLUMBER/BUILDER FOR CONSTRUCTION CONTACT T.J TAYLOR CONSULTANTS FOR MORE INFORMATION.

OSD SYSTEM DESIGN DATA

DRAINAGE NOTES

COMPLETION OF WORKS

SITE DATA

MODELLED SITE AREA = 458 sqm DEVELOPED IMPERVIOUS AREA = 277 sqm MODELLED DEVELOPED IMPERVIOUS AREA = 345 sqm EXISTING GRASS FLOW LENGTH = 18m EXISTING GRASS SLOPE = 10%

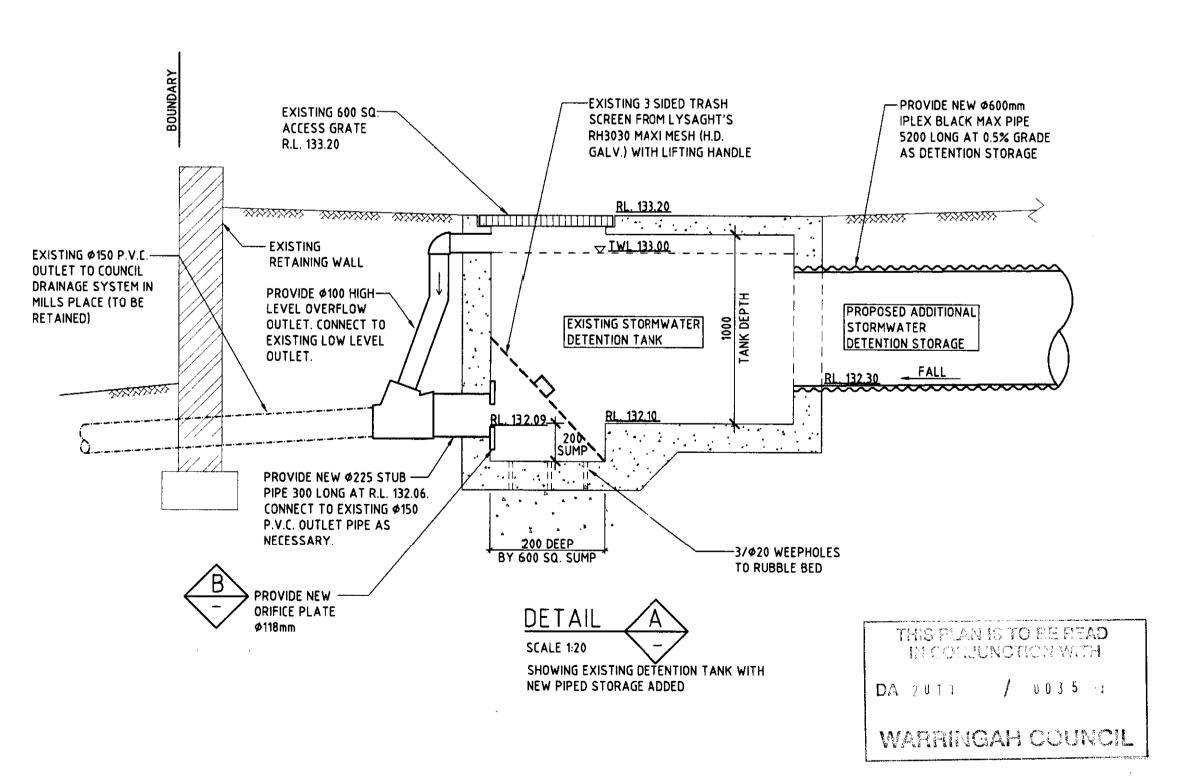
EXISTING SITE FLOWS

5 YR ARI = 17 1/s. 20 YR ARI = 24 1/s 100 YR ARI = 30 1/s.

DEVELOPED SITE FLOWS 5 YR ARI = 17 I/s 20 YR ARI = 22 I/s 32 100 YR ARI = 28 1/s

DETENTION SYSTEM DATA

AREA DRAINING TO THE TANK = 458sqm ORIFICE DIAMETER = 118mm SSR = 4cums



REVISION

| DATE | REVISION | ВТ | LHK | A.C.N. 002 360 034 | | | | | The Assecution of Consulting Engineers Australia |
|------|----------|----|-----|--|---------|-------|------|--------|--|
| | | | | STORMWATER MANAGEMENT PLAN 32 GOVERNMENT ROAD, BEACON HILL | | | | | |
| | | | , | DRAWN | CHECKED | SCALE | | DRAWIN | G No. |
| | | | | DEEP | Bourse | 1:100 | 1:20 | 24640 | 4 |
| | | | | 23 DEC 2010 | MEDOS | 1:10 | | 31610- | - |