

PROVIDE STACKED/NATURAL ROCK HEADWALL AT OUTLET LOCATION. INVERT OF HEADWALL TO SIT +500MM ABOVE BASE-LOW LEVEL IN CREEK. PROVIDE CLEAN ANGULAR RIP-RAP APRON FOR EROSION CONTROL. IL (APPROX.) 2.50

AVOID ALL TREES TO BE RETAINED IN RIPARIAN ZONE (TYPICAL)

INFILTRATION TRENCH (RUN PARALLEL TO CONTOURS) FOR WATER BALANCE. REFER JONES NICHOLSON WATER MANAGEMENT PLAN SECTION 5

ALL PROPOSED ROOFWATER TO DRAIN INTO RAINWATER TANK. PROVIDE SUB CONNECTIONS FOR FUTURE RAINWATER TANK DRAINAGE AS NECESSARY

ALL SURFACE INLET PITS WITHIN DEVELOPMENT AREA TO BE FITTED WITH STORMWATER360 ENVIROPOD PIT BASKETS (TYPICAL)

ALL PROPOSED ROOFWATER TO DRAIN INTO RAINWATER TANK. PROVIDE SUB CONNECTION FOR FUTURE RAINWATER TANK DRAINAGE AS NECESSARY

CONNECT EXISTING DWELLING STORMWATER INTO PROPOSED SYSTEM DRAINING TO OSD (TYPICAL)

COMBINED OSD AND RWT: MIN. OSD VOL=220M³ FOR CALCULATIONS REFER IN WATER MANAGEMENT PLAN (MWP-5/09/2014). BASE OF OSD TO SIT ABOVE 100MM ARI FLOOD LEVEL ACCORDING TO ARI FLOOD STUDY (28/08/2014). THE MAXIMUM 1000R ARI FLOOD LEVEL IS 2.3. THEREFORE ADOPT +3.9 AS MINIMUM OSD INVERT.
RAINWATER TANK SIZE AND RE-USE AS PER USED RECOMMENDATIONS IN JONES NICHOLSON WATER MANAGEMENT PLAN. MIN. VOL=150M³
IMPORTANT: RAINWATER TANK MUST BE FITTED WITH MAINS TOP-UP SYSTEM!
IMPORTANT: ONLY ROOFWATER SHALL DRAIN TO THE RAINWATER RE-USE TANK (NO ROAD WATER)!

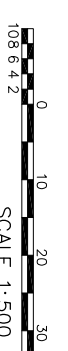
COUNCIL EASEMENT PIPE IS TO REMAIN AS IS. PROPOSED STORMWATER WILL NOT CONNECT INTO EASEMENT PIPE AT ANY LOCATION

STORMWATER DRAINAGE IN WARRIEWOOD ROAD TO MAINTAIN EXISTING DRAINAGE REGIME AND COMPLY WITH COUNCIL SPECIFICATIONS

NOTE: STORMWATER DRAINAGE SYSTEM DESIGNED TO CATER FOR Q100 STORM EVENTS

SITE PLAN
1:500

LEGEND:
FILL



AMDT	DATE	BY	DESCRIPTION



JONES NICHOLSON CONSULTING ENGINEERS
SUTHERLAND - SUITE 45, 40-44 BELMONT STREET, SUTHERLAND NSW 2257
SUTHERLAND - WOLLONGONG - GOLD COAST - GOULBURN - MCKENZIE

DESIGN: AMK
DRAWN: AMK
DATE: 14 Sept
DWS SIZE: A1
SCALE: 1:500
PROJECT NO: AMK

CIVIL DESIGN
SITE PLAN

PROPOSED RESIDENTIAL SUBDIVISION
53C Warriewood Road, Warriewood NSW 2102
STEPHEN BOWERS ARCH

140438
C101 P1