



- TOPOGRAPHICAL SURVEY. RUNS TO BE CONFIRMED PRIOR TO CONSTRUCTION.
- PROPOSED STORM RODDING EYE
- PROPOSED FILTER DRAIN AT TOE OF EXCAVATION
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CATCHMENT KEY

- PROPOSED CAR PARK WITH PERMEABLE SURFACE
CAR PARKS TO DRAIN DIRECTLY THROUGH POROUS SUB-BASE TO INfiltrate TO THE GROUND. MINIMUM POROUS SUB-BASE 275mm, REFER TO MICRODRAINAGE CALCULATIONS PROVIDED.
- PROPOSED EXTERNAL YARD EXTENSIONS AND DRIVEWAYS - 1095m² - CATCHMENT 1
TO BE DRAIN THROUGH UNDERGROUND DRAINAGE INFRASTRUCTURE. RAIN WATER PIPE CONNECTIONS TO BE LAID AT THE BASE, WHICH WILL BE ABOVE THE 10yr WATER LEVEL.
- PROPOSED BUILDING ROOF DRAINAGE - 285m² - CATCHMENT 2
TO BE DRAIN THROUGH TO SOAKAWAY TRENCH. MICRODRAINAGE CALCULATIONS PROVIDED. RAIN WATER PIPE CONNECTIONS TO BE LAID AT THE BASE, WHICH WILL BE ABOVE THE 10yr WATER LEVEL.
- PROPOSED BUILDING ROOF DRAINAGE - 185m² - CATCHMENT 3
TO BE DRAIN THROUGH TO SOAKAWAY TRENCH. MICRODRAINAGE CALCULATIONS PROVIDED. RAIN WATER PIPE CONNECTIONS TO BE LAID AT THE BASE, WHICH WILL BE ABOVE THE 10yr WATER LEVEL.
- PROPOSED BUILDING ROOF DRAINAGE - 185m² - CATCHMENT 4
TO BE DRAIN THROUGH TO SOAKAWAY TRENCH. MICRODRAINAGE CALCULATIONS PROVIDED. RAIN WATER PIPE CONNECTIONS TO BE LAID AT THE BASE, WHICH WILL BE ABOVE THE 10yr WATER LEVEL.
- PROPOSED BUILDING ROOF AND EXISTING EXTENDED CATCHMENT 5
TO BE DRAINED THROUGH THE EXISTING DRAINAGE INFRASTRUCTURE. TOTAL AREA DISCHARGING UPSTREAM 4650m². REFER TO DRAWING HMA/18/001 FOR EXISTING IMPERMEABLE CATCHMENT DRAWING.