



**NOTE:**  
REFER TO DRAWING C01004.7.03-DA10 FOR EROSION-CONTROL NOTES.

**LEGEND:**  
PROVIDE 1m RETURNS TO SILT FENCE AT 30m MAX. INTERVALS. TYPICAL (N.S.O.P.)

- ↑ - DENOTES DIRECTION OF OVERLAND FLOW
- - - - - DENOTES SILT FENCE WITH CATCH DRAIN
- - - - - DENOTES SILT FENCE ONLY
- - - - - DENOTES OPEN DRAIN

**SEDIMENTATION BASIN NOTE:**  
FOR SEDIMENT & EROSION CONTROL DETAILS REFER TO DRAWING C01004.7.03-DA25 & DA26.

SEDIMENTATION BASIN SIZING BASED ON RECOMMENDATIONS OF 'SOILS AND CONSTRUCTION MANAGING URBAN STORMWATER - THE BLUE BOOK'. CAPACITY BASED UPON 5 DAY RAINFALL DEPTH AT 80th PERCENTILE INTENSITY (24.6mm).

APPROXIMATE AREA OF DISTURBED SITE = 4,34ha

**SEDIMENT BASIN 1:**  
CATCHMENT AREA = 4,34ha  
REQUIRED BASIN VOLUME = 800m<sup>3</sup>  
BASE DIMENSIONS (L X W) = 25m x 25m  
TOP DIMENSIONS (L X W) = 4.0m x 35m  
MAX SIDE SLOPE = 1V/3H  
DEPTH = 1.5m  
PROVIDED BASIN VOLUME = 1637m<sup>3</sup>

SEDIMENTATION BASINS TO COLLECT RUN-OFF IN EXTREME RAINFALL EVENTS. COLLECTED RUN-OFF TO BE ASSESSED BY A QUALIFIED LABORATORY FOR DOUSING RATES OF ALUM OR GYPSUM TO ENSURE COAGULATION OF SEDIMENTS PRIOR TO WATER BEING DISCHARGED TO COUNCIL STORMWATER SYSTEM.

EACH BASIN IS TO HAVE A MARKER PLACED AS PER THE DETAIL TO INDICATE WHEN SEDIMENT IS TO BE REMOVED. REMOVED SEDIMENT IS TO BE CLASSED AND DEWATERED PRIOR TO REMOVAL FROM SITE.

ALLOWANCE TO BE MADE DURING BENCHING OF SITE TO ENSURE RUN-OFF IS DIRECTED TO SEDIMENTATION BASINS.

**NOTES:**  
1. ASSUME TYPE D SOIL (CLAY/SILT Y CLAY)  
2. ASSUME GROUP D SOIL (HIGH PLASTICITY AND SHRINK/SWELL PROPERTIES)  
SOIL TYPE ASSESSED FROM GEOTECHNICAL REPORT NUMBER GT 971 PROVIDED BY GROUND TECHNOLOGIES DATED IN MAY 2008

**FOR DEVELOPMENT APPLICATION**

ISSUED FOR DEVELOPMENT APPLICATION	30/07/13	C	CLIENT	<b>CIP</b> Developing Relationships Building Success	
ISSUED FOR CLIENT REVIEW	22/07/13	B	PROJECT	<b>FOOD PROCESSING &amp; PACKAGING FACILITY</b>	
ISSUED FOR CLIENT REVIEW	17/07/13	A	PART LOT 2304, TEMPLAR ROAD ERSKING PARK, NSW	DESIGNED (P/AM) DATE 06/2013	
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
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<p><b>CONTRACT REF:</b> C01004.7.03-DA20</p>					
<p><b>DRAWING TITLE:</b> EROSION &amp; SEDIMENT CONTROL PLAN</p>					
<p><b>DRAWING NO:</b> C01004.7.03-DA20</p>					
<p><b>SCALE:</b> 1:500 AT A1 SIZE SHEET</p>					
<p><b>SCALE:</b> 0 10 20 30 40 50m</p>					