



NOTES

1. REFER TO WATER CYCLE MANAGEMENT GUIDELINES AND SOID GUIDELINES FOR DESIGN GUIDANCE
2. ENGINEERING WORKS TO BE DESIGNED IN ACCORDANCE WITH COUNCIL'S ENGINEERING DESIGN GUIDELINES
3. WETLAND INLET ZONE SHALL BE CONSTRUCTED WITH A HARD BASE TO ENABLE MAINTENANCE. THE BASE MUST HAVE A BEARING CAPACITY TO SUPPORT MAINTENANCE MACHINERY WHEN ACCESS IS REQUIRED INTO THE BASIN
4. REFER TO COUNCIL'S LANDSCAPE DESIGN GUIDELINES FOR TOPSOIL, MULCH AND PLANTING SPECIFICATIONS
5. CONCRETE RAMP AND PAD TO BE 32MPA WITH SL82 REINFORCING STEEL AND AND 150mm MIN THICKNESS. SUB-BASE TO BE FOR COMPACTED 95% AND 100mm MIN THICKNESS.
6. MAINTENANCE ACCESS TRACK TO BE 2% STABILISED GRAVEL 3m WIDE AND 150mm MIN THICKNESS.
7. FOOTWAY ACCESS TO OUTLET STRUCTURE TO BE NO FINES CONCRETE, 1m WIDE AND 125mm MIN THICKNESS.
8. CONCRETE BYPASS WEIR AND INLET TO BE 25MPA WITH SL82 REINFORCING STEEL AND 150mm MIN THICKNESS.
9. ROCK FOR BY-PASS WEIR AND INLET STONE PITCHING TO BE 250-300mm HARD DURABLE ROCK IN ACCORDANCE WITH ENGINEERING GUIDELINES.

ZONE	DEPTH* (m)
INLET ZONE/OPEN WATER	0.5 to 1.5
DEEP MARSH	0.35 to 0.5
MARSH	0.2 TO 0.35
SHALLOW MARSH	0.0 to 0.2
EPHEMERAL	0.0 to +0.2**

* DEPTH REFERS TO DEPTH BELOW PERMANENT POOL LEVEL.
 ** * DENOTES LEVEL ABOVE PERMANENT POOL LEVEL.
 SOURCE: WATER BY DESIGN GUIDELINES

07	6 AUG '16	REVISE NOTES	WORK TO FIGURED DIMENSIONS - DO NOT SCALE - THIS DRAWING IS SUBJECT TO COPYRIGHT AND IS THE PROPERTY OF LAKE MACQUARIE CITY COUNCIL. PERSONS MUST NOT RELY ON THESE STANDARD DRAWINGS AS THE EQUIVALENT OF OR A SUBSTITUTE FOR PROJECT-SPECIFIC DESIGN & ASSESSMENT BY A QUALIFIED PROFESSIONAL.	126-138 MAIN ROAD SPERS POINT PHONE (02)4921 0333 www.lakemac.com.au	DRAWING TITLE CONSTRUCTED WETLAND TYPICAL PLAN AND SECTIONS
06	17 JUNE '15	REVISE NOTES			
05	18 OCT '12	REVISE NOTES			
04	18 OCT '12	REVISE NOTES			
VERSION	DATE	COMMENTS			

Sheet: 1 OF 1

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