


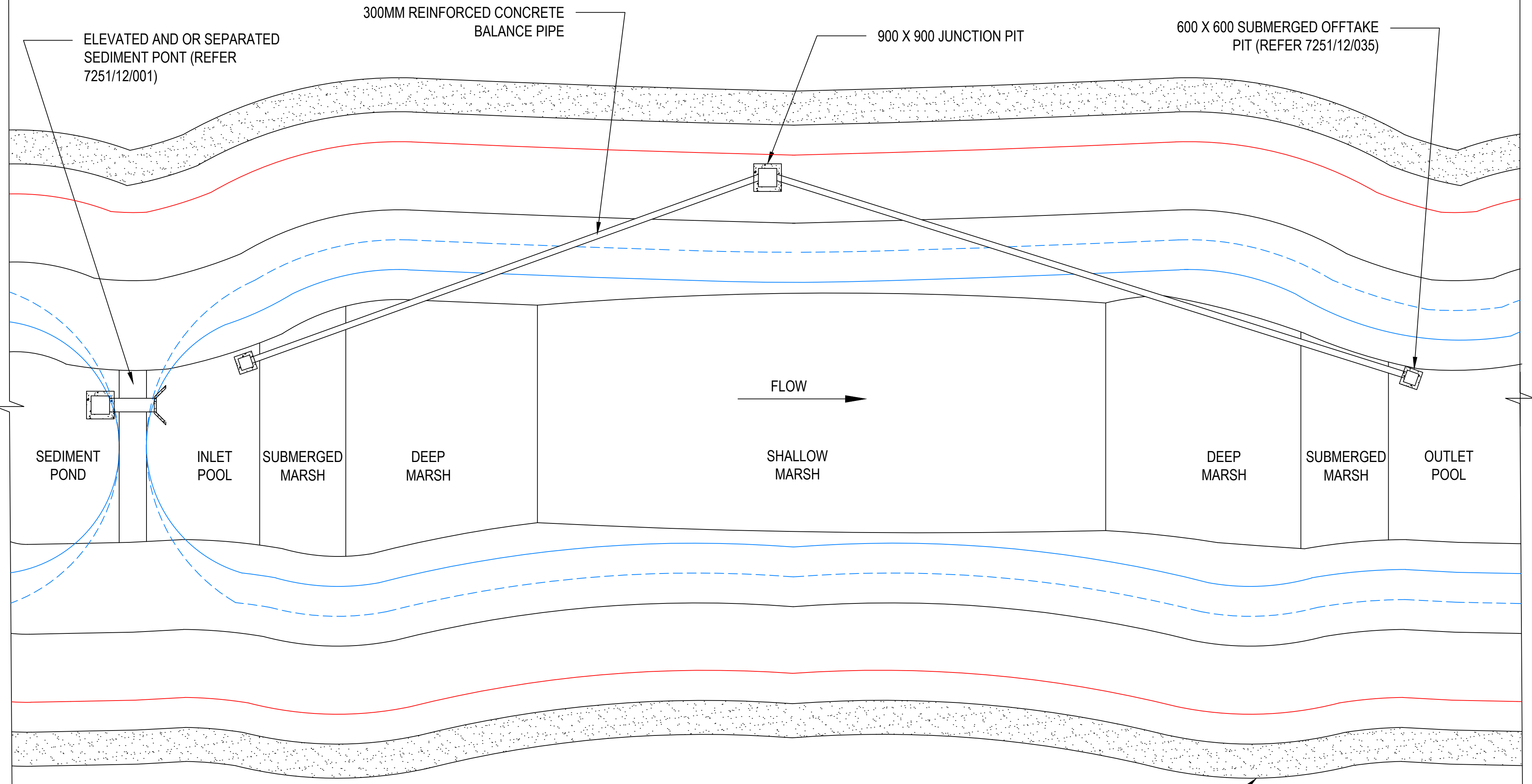


NOTE:

- EXAMPLE WORKS IF THERE IS NO INTERMEDIATE POOL.
- EXAMPLE WORKS IF THE OUTLET POOL HAS THE SAME INVERT LEVEL OR IS DEEPER THAN THE INLET POOL.
- SUBMERGED OFFTAKE PITS ARE TO BE LOCATED AT THE LOWEST POINT OF THE WATER BODY, WITH THE BASE OF THE NOTCH OR TOP OF THE PIT NO HIGHER THAN 300MM FROM THE DEEPEST INVERT LEVEL OF THE POOL.
- THE SUBMERGED OFFTAKE PITS AND BALANCE PIPES IN CONJUNCTION WITH THE TWIN CHAMBER OUTFALL PIT ARE INTEGRAL FOR CONTROLLING THE EDD AND PROVIDING EFFECTIVE DRAWDOWN CAPABILITY.
- DRAWDOWN FROM THE TWIN CHAMBER OUTFALL PIT AVOIDS MULTIPLE PUMPING POINTS, DISTURBANCE OF VEGETATION, PUMP RELOCATION, HEALTH AND SAFETY ISSUES, MAINTENANCE, TIME AND COST.
- 600 X 600 BALANCE PIPE SUBMERGED OFFTAKE PITS CAN BE PURCHASED AS PRECAST UNIT AND ALTERED (NOTCH CUT) ONSITE.
- THE 900MM X 900MM SUBMERGED OFFTAKE PIT (CONNECTING TO THE TWIN CHAMBER OUTFALL PIT) WHEN SUNK INTO THE CLAY LINER MUST BE 300MM ABOVE LOWEST IL OF THE POOL, THE CLAY LINER INTEGRITY MUST NOT BE COMPROMISED.
- SHOULD THE CONTRACTOR CHOOSE TO SINK THE PIT INTO THE CLAY LINER TO ACHIEVE 300MM FROM IL - CLAY LINER INTEGRITY MUST NOT BE COMPROMISED.


LEGEND

- NWL 
- TEDD 
- Q100 



PLAN VIEW

**CONCEPT ONLY
NOT TO SCALE**

												TITLE BALANCE PIPE EXAMPLE TYPE 3 STEPPED SYSTEM (PLAN VIEW) SHEET 1 OF 1					
										DRAFTER DRAFTING CHECK		DESIGNER ENGINEERING REVIEW		DESIGN MANAGER APPROVAL		PROJECT MANAGER APPROVAL	
										PROJECT DATUM		Original Size MELBOURNE WATER CORPORATION					
										SCALE		CODE 7251/12/4018					
										MWC DRAWING NUMBER		REV					

REV	DESCRIPTION	COMPANY	PROJECT OR WO NUMBER	DRAWN	ENG. CHECK	PR. MAN. APPD	DATE								
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