NOTE:

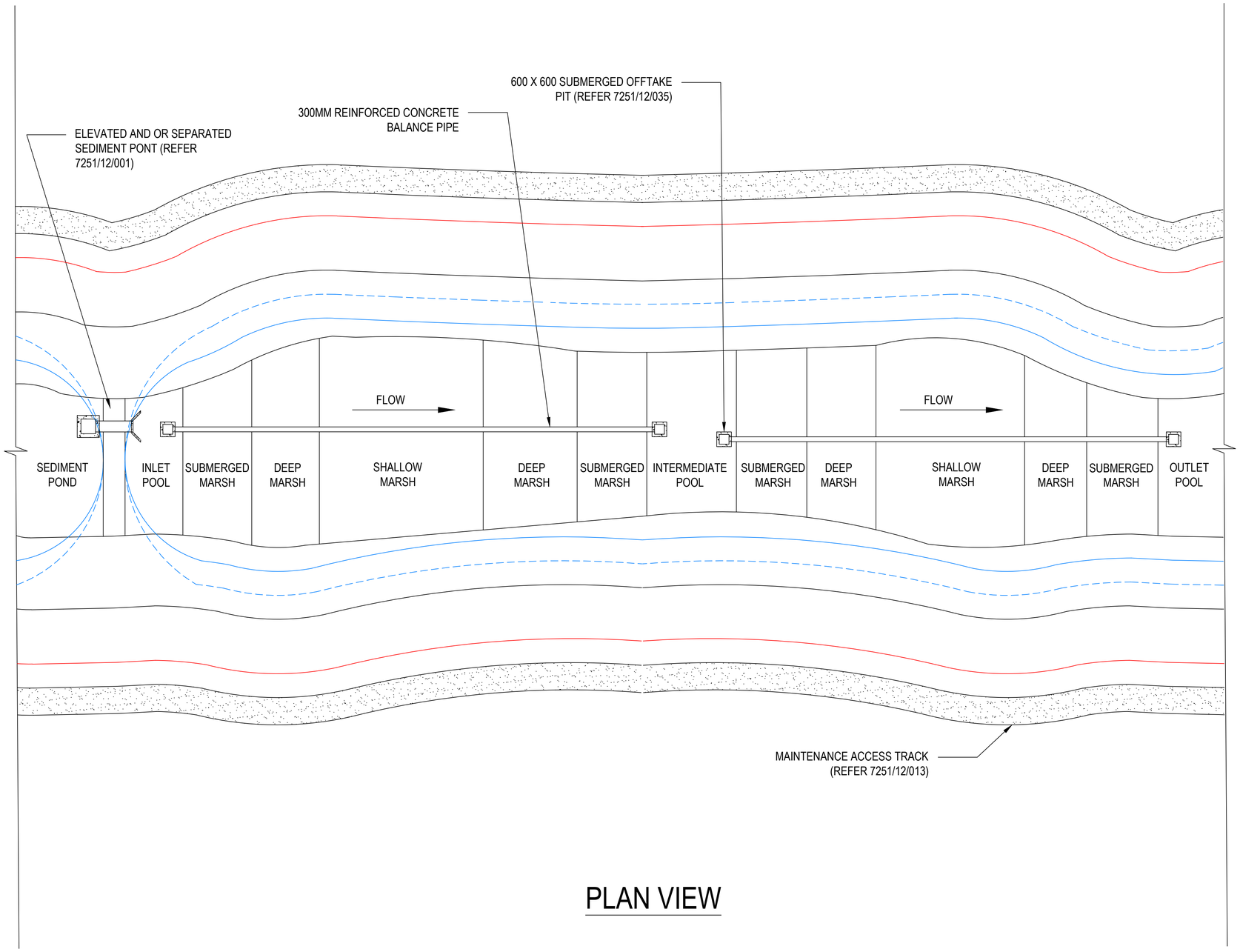
- EXAMPLE ONLY WORKS IF INLET POOL, INTERMEDIATE POOL AND OUTLET POOL HAVE THE SAME INVERT LEVEL.
- SUBMERGED OFFTAKE PITS ARE TO BE LOCATED AT THE LOWEST POINT OF THE WATER BODY, WITH THE BASE OF THE NOTCH OR TOP OF THE PIT NO HIGHER THAN 300MM FROM THE DEEPEST INVERT LEVEL OF THE.
- THE SUBMERGED OFFTAKE 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

REV	DESCRIPTION	COMPANY	PROJECT OR WO NUMBER	DRAWN	ENG. CHECK	PR. MAN. APP'D	DATE

Melbourne Water

DRAFTER	DESIGNER	DESIGN MANAGER APPROVAL	PROJECT MANAGER APPROVAL
DRAFTING CHECK	ENGINEERING REVIEW		

TITLE
BALANCE PIPE EXAMPLE TYPE 2
CONTINUOUS SYSTEM (PLAN VIEW)
SHEET 1 OF 1

PROJECT DATUM	Original Size	MELBOURNE WATER CORPORATION
SCALE		7251/12/4009
		CODE / MWC DRAWING NUMBER / REV