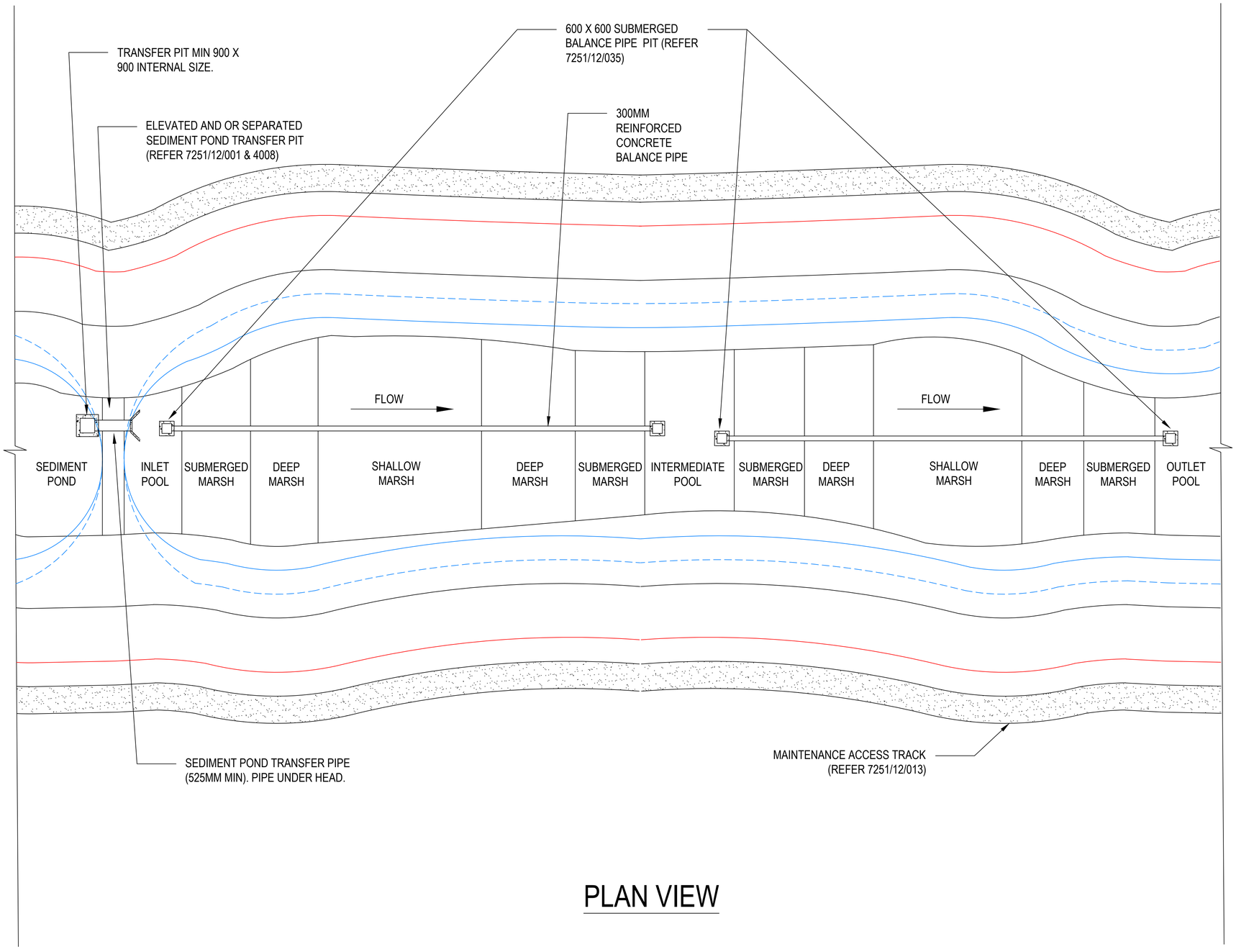
NOTE:

- 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 POOL.
- THE SUBMERGED PITS (NOTE 7251/12/4018), OFFTAKE PIT, 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 PITS CAN BE PURCHASED AS PRECAST UNIT AND ALTERED (NOTCH CUT) ONSITE.
- SHOULD THE CONTRACTOR CHOOSE TO SINK THE PIT INTO THE CLAY LINER TO ACHIEVE 300MM FROM IL - CLAY LINER INTEGRITY MUST NOT BE COMPROMISED.
- THE LENGTH OF PIPE BETWEEN THE SEDIMENT POND AND INLET POOL AND BALANCE PIPES MUST BE WATERTIGHT IN ACCORDANCE WITH AS/NZS4058.2007. PIPE MUST BE RUBBER RING JOINTED WITH A SEAL ABLE TO MEET 90kPa OF PRESSURE AND CONTAIN LIFTING LUGS (NO LIFTING HOLES).



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
A	ADDITIONAL NOTES	MW		MK			23/01/19

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 | SCALE

MELBOURNE WATER CORPORATION

CODE | MWC DRAWING NUMBER 7251/12/4009 | REV A