NOTE:

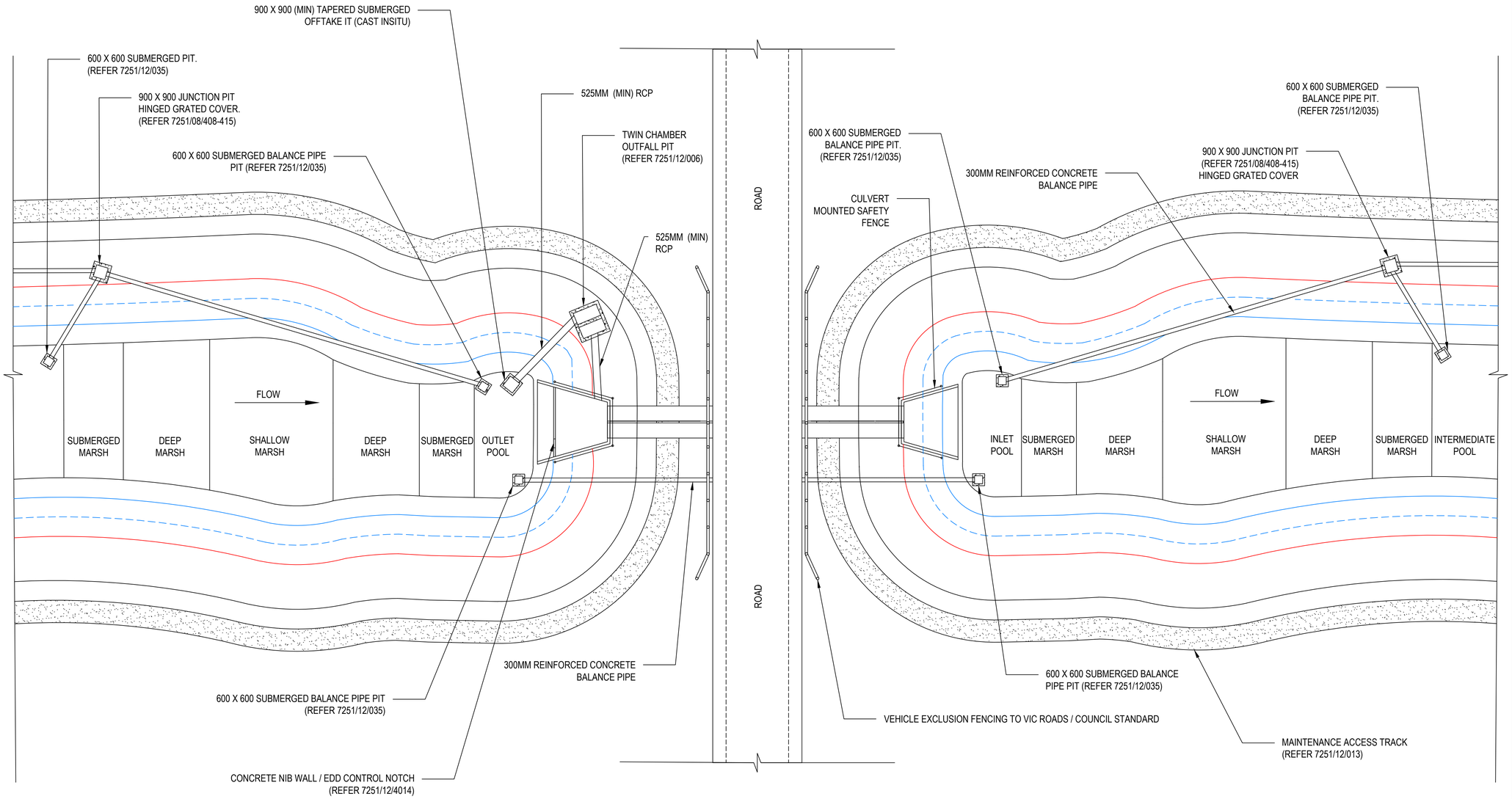
- ALTERNATE APPROACH WETLAND.
- ONLINE SYSTEM.
- BOTH THE HIGH AND LOW FLOWS PASS THROUGH THE SYSTEM.
- < 3 MONTH FLOW (EDD) CONTROLLED VIA A COMBINATION OF THE CULVERT CONCRETE NIB WALL AND THE TWIN CHAMBER OUTFALL PIT WHICH CONTAINS A SIDE WINDING PENSTOCK.
- WITHOUT COMBINED EDD CONTROL AN ADJUSTABLE EDD ISN'T POSSIBLE. FOR EXAMPLE THE EDD CAN'T BE BYPASSED FOR THE FIRST 12 MONTHS OF THE PLANTING ESTABLISHMENT.
- > 3 MONTH FLOW EXITS THE SYSTEM VIA THE BOX CULVERT.
- FULL GRAVITY DRAWDOWN IS PROVIDED VIA THE BALANCE PIPE AND THE TWIN CHAMBER OUTFALL PIT LOCATED AT THE MOST DOWNSTREAM END OF THE WETLAND WHICH CONTAINS A GATE VALVE.
- CULVERT EDD CONTROL NOTCH TO BE LOCATED CLOSE TO EITHER BATTER TO ASSIST WITH MAINTENANCE ACCESS.
- ENSURE THAT THE CULVERT WINGWALL APRON IS 300MM ABOVE THE DEEPEST IL OF THE OUTLET POOL..
- THE LENGTH OF PIPE BETWEEN THE SUBMERGED OFFTAKE PIT CONNECTING INTO THE TWIN CHAMBER OUTFALL PIT, 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
OUTFALL EXAMPLE TYPE 6
HIGH FLOW CULVERT WITH EDD CONTROL AND BALANCE PIPE (PLAN VIEW)
SHEET 1 OF 2

PROJECT DATUM | Original Size | SCALE

MELBOURNE WATER CORPORATION

CODE	MWC DRAWING NUMBER	REV
	7251/12/4013	A