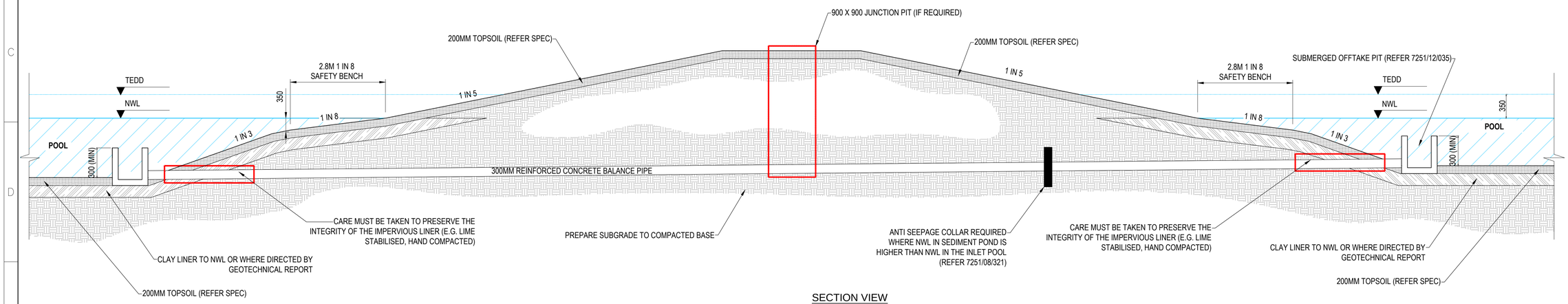
REV	MWC DRAWING NUMBER	CODE
	7251/12/015	



SECTION VIEW
SCALE 1:50

NOTE:

- EXAMPLE ONLY WORKS IF YOU HAVE TWO POOLS OF SAME DEPTH (SAME INVERT LEVEL)
- OFFTAKE PITS ARE TO BE LOCATED AT THE LOWEST POINT OF THE POOL, WITH THE BASE OF THE NOTCH OR TOP OF THE PIT NO HIGHER THAN 300MM FROM THE INVERT LEVEL.
- THE OFFTAKE PIT IN CONJUNCTION WITH THE BALANCE PIPES AND TWIN CHAMBER OUTFALL PIT ARE INTEGRAL FOR CONTROLLING THE EDD AND PROVIDE 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.
- SUBMERGED OFFTAKE PIT 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
- GEOTECHNICAL REPORT FOR WETLANDS MUST INCLUDE PERMEABILITY TEST, GROUNDWATER TABLE INFORMATION AND SALINITY TESTS. REPORT DICTATES THICKNESS AND COMPACTION FOR THE CLAY LINER AND ALSO THE QUALITY OF THE TOPSOIL.

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 STANDARD DRAWING
CONTINUOUS BALANCE PIPE SYSTEM - EXAMPLE

PROJECT DATUM	Original Size	MELBOURNE WATER CORPORATION
SCALE		7251/12/015
		CODE / MWC DRAWING NUMBER / REV