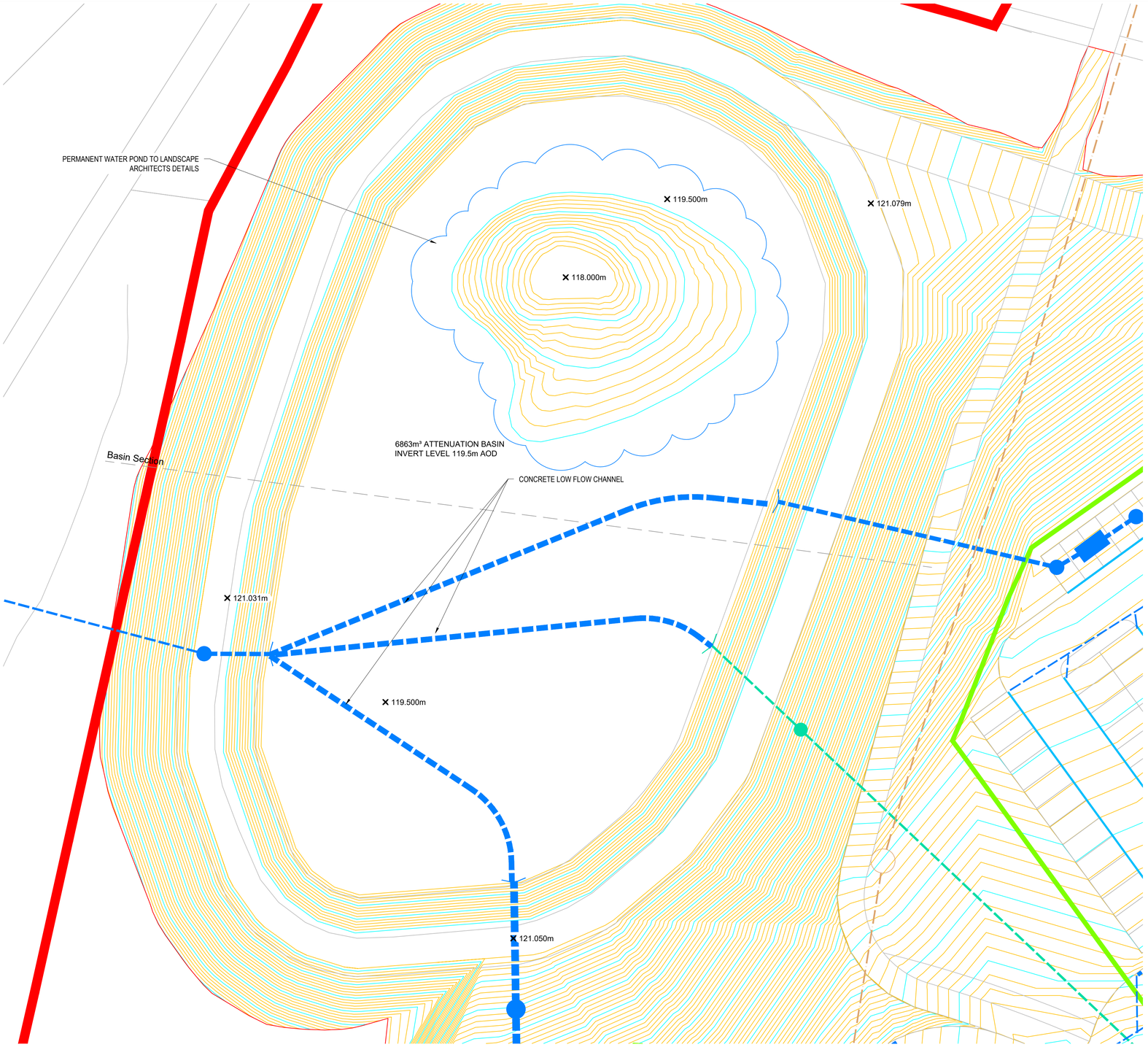
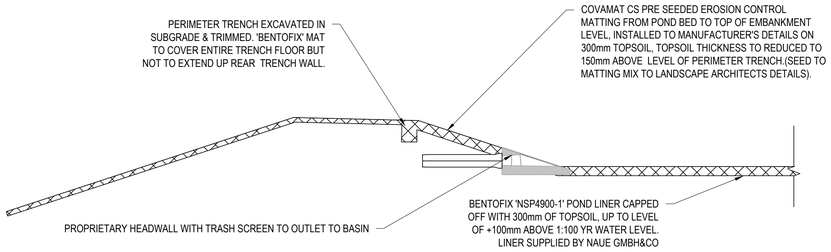
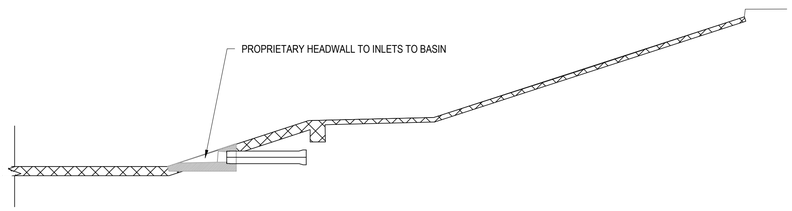


FOR PLANTING/SEEDING ARRANGEMENTS REFER TO LANDSCAPE ARCHITECTS DRAWINGS





DETENTION BASIN

(SCALE 1:100)

1:250 0 5m 10m 15m 20m 25m

1:1 0 10 20 30 40 50 60 70 80 90 100

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN. ALL EXISTING SEWERS CONNECTIONS, PIPE SIZES AND INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
3. DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
4. ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
5. WHERE EXISTING DRAINAGE IS BEING USED, ALLOWANCES SHOULD BE MADE TO REMEDIATE THIS DRAINAGE IN LINE WITH AVAILABLE CCTV SURVEY INFORMATION. IF NO SURVEY IS AVAILABLE, IT IS ADVISED TO OBTAIN ONE PRIOR TO COMMENCEMENT OF WORKS.
6. ALL EXISTING SERVICES TO BE LOCATED PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS, AND WHERE NECESSARY PROTECTION OR DIVERSIONS TO BE UNDERTAKEN TO AVOID CONFLICT WITH THE PROPOSED WORK.
11. ALL PIPE DIAMETERS GIVEN ARE NOMINAL INTERNAL PIPE DIAMETERS. THESE ARE TO BE CONFIRMED ONCE A DETAILED CAPACITY CHECK HAS BEEN UNDERTAKEN AT A LATER DESIGN STAGE.
12. OUTFALL CONNECTION(S) SUBJECT TO AGREEMENT WITH THE APPROVING AUTHORITY.

DESIGN PHILOSOPHY

SW FLOW RATE: 26.9L/S (BASED ON APPROVED JPG DRAINAGE AND FLOOD RISK STATEMENT, 4652-2-JPG-XX-XX-RP-D-0620-S2-P01)
SOURCE CONTROL:
APPROXIMATE STORAGE REQUIREMENT: 6863m³
LEVELS INDICATE THAT PUMPING WILL NOT BE REQUIRED. TBC FOLLOWING FURTHER DESIGN AND SURVEY WORK.
SOAKAWAYS ARE NOT CONSIDERED APPROPRIATE FOR THIS SCHEME.
TESTING TO BRE DIGEST 365 ARE REQUIRED TO CONFIRM INFILTRATION RATES FOR DESIGN.

FW PEAK FLOWS:
LEVELS INDICATE THAT PUMPING WILL NOT BE REQUIRED. TBC FOLLOWING FURTHER DESIGN AND SURVEY WORK.

Rev:	Description:	Date:	By:	Chkd:
P02	ADDED LOCAL DEEPENING TO LANDSCAPE ARCHITECT DETAILS	10/12/21	OT	OT
P01	FIRST ISSUE	03/12/21	OT	RO

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Status: SUITABLE FOR INFORMATION — S2

Project: PHASE 3 GATEWAY 36

Drg Title: ATTENUATION BASIN DETAILS

Drawn By	Designed By	Checked By
OT	OT	RO
	Date: 03/12/21	Scales @ A1: 1:250

Project No - Originator - Function - Spatial - Form - Discipline - Number: 079577 - CUR - ZZ - ZZ - D - C - 92201

Revision: P02

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