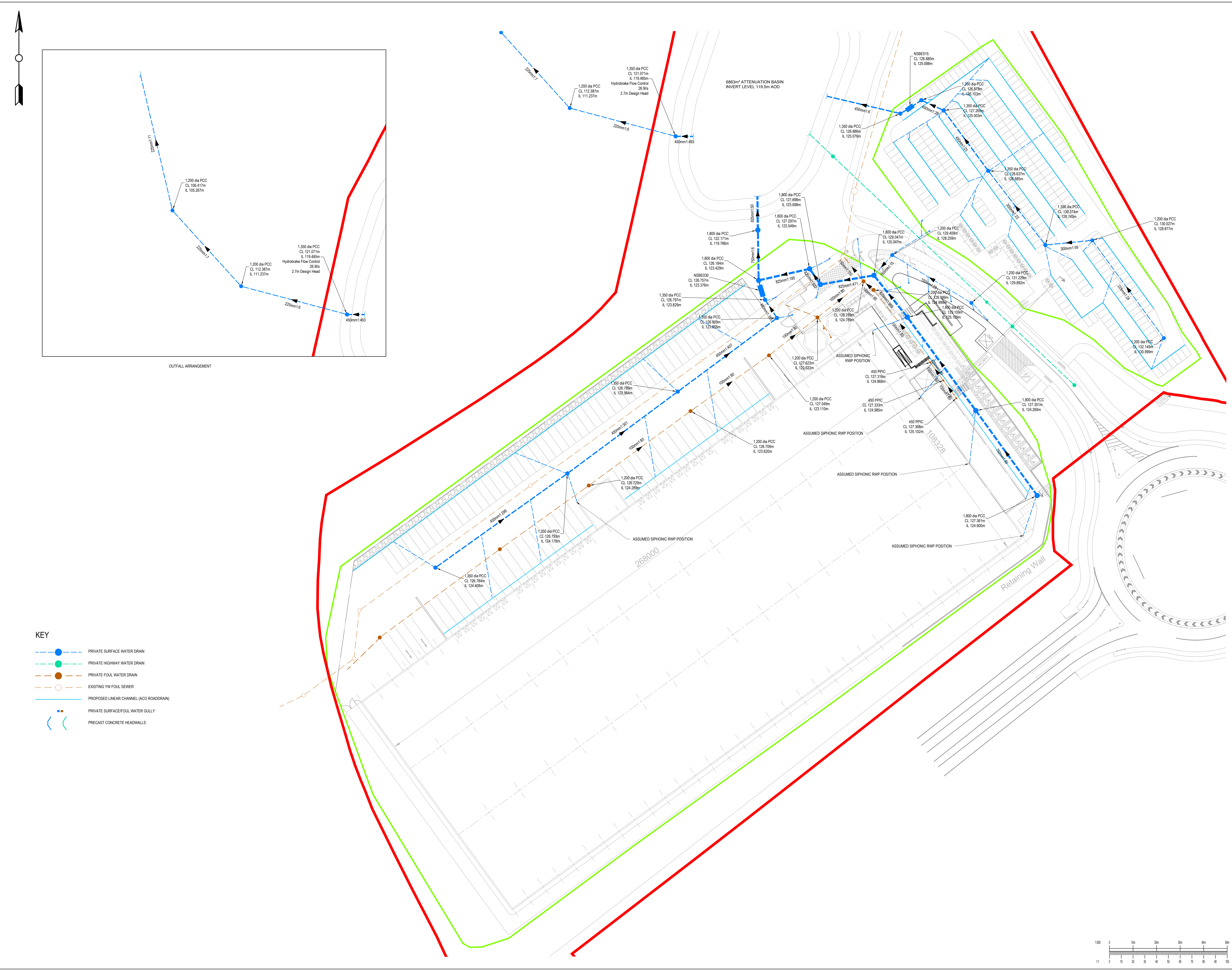




KEY

- PRIVATE SURFACE WATER DRAIN
- PRIVATE HIGHWAY WATER DRAIN
- PRIVATE FOUL WATER DRAIN
- EXISTING YV FOUL SEWER
- PROPOSED LINEAR CHANNEL (ACO ROADRAIN)
- PRIVATE SURFACE/FOUL WATER GULLY
- PRECAST CONCRETE HEADWALLS

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 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.
- DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
- 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.
- 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.
- 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.
- OUTFALL CONNECTION(S) SUBJECT TO AGREEMENT WITH THE APPROVING AUTHORITY.

DESIGN PHILOSOPHY

SW FLOW RATE: 25.3L/S (BASED ON APPROVED JPO DRAINAGE AND FLOOD RISK STATEMENT: 4650-2-JPO-XXX-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.

SOAKWAYS ARE NOT CONSIDERED APPROPRIATE FOR THIS SCHEME. TESTING TO BRE D0857 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.

PS6	REVISED TO UPDATED SITE PLAN AND LEVELS	29/03/22	OT	OT
PS4	REVISED TO UPDATED SITE PLAN AND TEAM COMMENTS	04/03/22	OT	OT
PS3	REVISED TO UPDATED SITE PLAN	01/03/22	OT	OT
PS2	REVISED TO TEAM COMMENTS	29/12/21	OT	OT
PS1	FIRST ISSUE	03/12/21	OT	RO

Rev	Description	Date	By	Chk

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STATUS: **SUITABLE FOR INFORMATION** **S2**

Project: **PHASE 3 GATEWAY 36**

Dwg Title: **DRAINAGE MASTERPLAN**

Drawn By: OT	Designed By: OT	Checked By: RO
Date: 03/12/21		Scales @ A0: 1:500

Project No	Originator	Function	Spatial	Form	Discipline	Number	Revision
079577	CUR	ZZ	ZZ	D	C	92001	P05

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

11 0 10 20 30 40 50 60 70 80 90 100

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