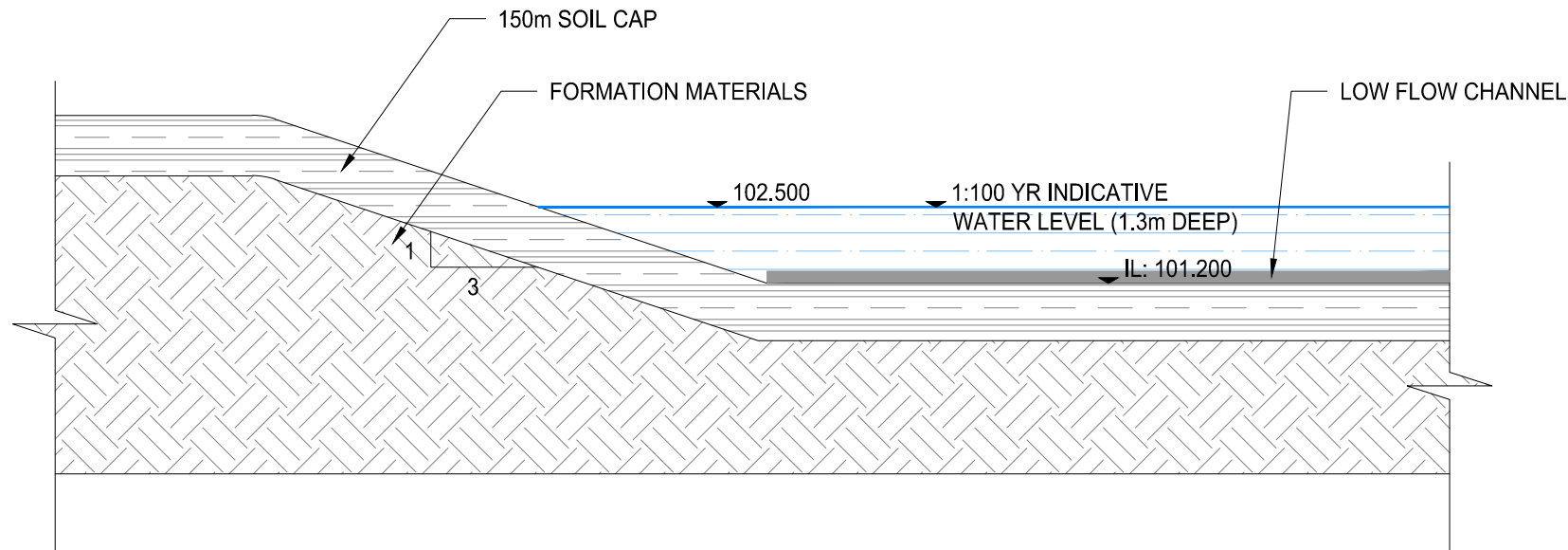
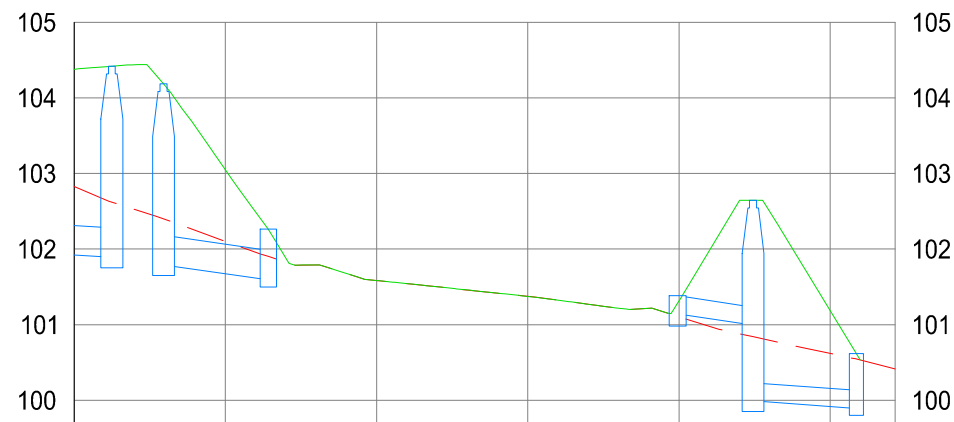


DETENTION BASIN SW1a.DB1
Scale 1:250



TYPICAL POND DETAILS (NTS)



CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	54.295
EXISTING LEVELS	102.428	102.103	101.585	101.375	101.103	100.619	100.416
PROPOSED LEVELS	104.378	103.047	101.585	101.375	101.318	101.188	101.188
DIFFERENCE BETWEEN EXISTING & PROPOSED	1.950	0.944	0.000	0.000	0.214	0.569	0.569
CHAMBER NUMBER	SW1a.8 SW PI 1	SW1a.9			SW1a.DB1 SW1a.12	SW1a.OUT	
COVER LEVEL	104.419 104.186	102.263			101.382 102.644	100.619	
INVERT LEVEL	101.900 101.800	101.600			101.082 100.000	99.900	
PIPE INVERT LEVELS	102.900 101.800	101.600			101.150 101.000	99.900	
PIPE DETAILS	10.684m @ 1:107 375mmØ CONCRETE	6.928m @ 1:35 375mmØ CONCRETE			6.835m @ 1:88 225mmØ CONCRETE 4.983m @ 1:33 225mmØ CONCRETE		

POND SECTION A-A
SCALE: H 1:250, V 1:50, DATUM: 99.000



CHAINAGE	00.000	10.000	20.000	30.000	40.000	44.410
EXISTING LEVELS	100.983	101.158	101.404	101.617	101.838	101.950
PROPOSED LEVELS	103.256	101.556	101.404	101.617	102.803	103.144
DIFFERENCE BETWEEN EXISTING & PROPOSED	2.273	0.398	0.000	0.000	0.965	1.194

POND SECTION B-B
SCALE: H 1:250, V 1:50, DATUM: 100.000

DRAINAGE NOTES

- ALL PUBLIC SURFACE WATER SEWERS TO BE MINIMUM 225 DIA. CLASS H CONCRETE TO EN1916 & IS 6 2004 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
- ALL SURFACE WATER CONNECTIONS TO BE MINIMUM 150mmØ UPVC TO IS EN 1401 2009/2012 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
- LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
- ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.

GENERAL NOTES

- DO NOT SCALE THIS DRAWING. WORK ONLY TO FIGURED DIMENSIONS.
- FOR ALL RELEVANT NOTES, REFER TO STRUCTURAL AND CIVIL ENGINEERING PERFORMANCE SPECIFICATION.
- ANY DISCREPANCIES ARE TO BE REPORTED TO PINNACLE CONSULTING ENGINEERS IMMEDIATELY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SUB-CONTRACTORS DRAWINGS AND DETAILS.
- THIS DRAWING IS TO BE PRINTED IN COLOUR.
- THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS EXPRESSLY STATED.
- EXISTING SITE AND LEVEL INFORMATION TAKEN FROM LAND SURVEYS TOPOGRAPHICAL SURVEY DRAWING D1728F2D DATED 04/10/06.
- THIS DRAWING HAS BEEN PREPARED USING THE PROPOSED SITE LAYOUT FROM DAVEY + SMITH ARCHITECTS DRAWING IP00 DATED 16/08/24

LEGEND	
	PROPOSED PRIVATE FOUL SEWER
	EXISTING FOUL WATER SEWER
	PROPOSED PRIVATE FOUL SEWER RISING MAIN
	EXISTING BULK WATERMAIN
	EXISTING WATERMAIN
	PROPOSED 150mm HDPE, PE100, SDR17 WATERMAIN
	PROPOSED 100mm HDPE, PE100, SDR17 WATERMAIN
	BOUNDARY BOX AND 25mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
	BOUNDARY BOX AND 32mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
	BOUNDARY BOX AND 65mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
	RETAINING WALL
	PROPOSED SURFACE WATER SEWER
	EXISTING SURFACE WATER SEWER
	SURFACE WATER SEWER TO BE ABANDONED
	150mmØ uPVC SURFACE WATER PIPE
	SURFACE WATER FIN DRAIN
	SURFACE WATER LAND DRAIN
	DRAINAGE CHANNEL
	ROAD GULLY
	RAINWATER DOWNPIPE
	SW INSPECTION CHAMBER WITH SILT TRAP
	RAIN GARDEN GULLY OVERFLOW
	DETENTION BASIN
	GREEN ROOF
	TRAFFICKED PERMEABLE PAVING
	NON TRAFFICKED PERMEABLE PAVING
	300mm DEEP RAIN GARDEN
	900mm DEEP BIO RETENTION TREE PIT
	SUDS DRAINAGE SWALE
	RAINGARDEN PLANTER BOX

P01	PLANNING	FJVR	JB	02/09/24
REV	DESCRIPTION	BY	CHK/ APP	DATE

CLIENT
CAPAMI LTD

PROJECT
OLDCOURT LRD

DRAWING TITLE
SURFACE WATER
ATTENUATION SECTION
SHEET 1 OF 9

PINNACLE
CONSULTING ENGINEERS

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DRAWING STATUS				
PLANNING				
SCALE @ A1	DATE	DRAWN BY	CHECKED	APPROVED
AS SHOWN	2024/04/28	FJVR	JB	SOR
DRG NO.	P211102-PIN-XX-XX-DR-C-00640-S2			REV.
				P01

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