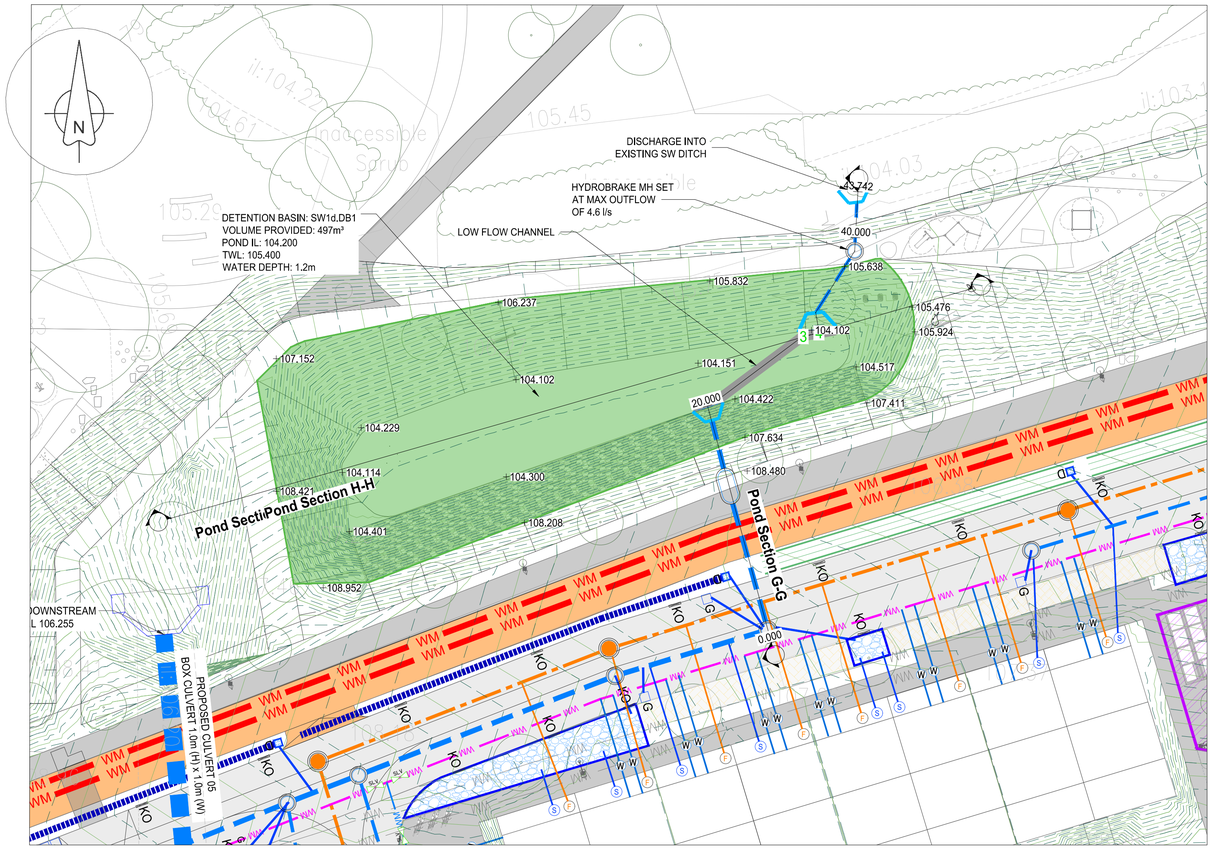
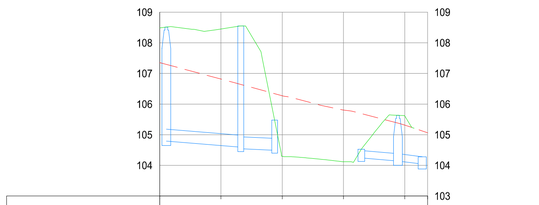


DETENSION BASIN SW1d. DB1
Scale 1:250

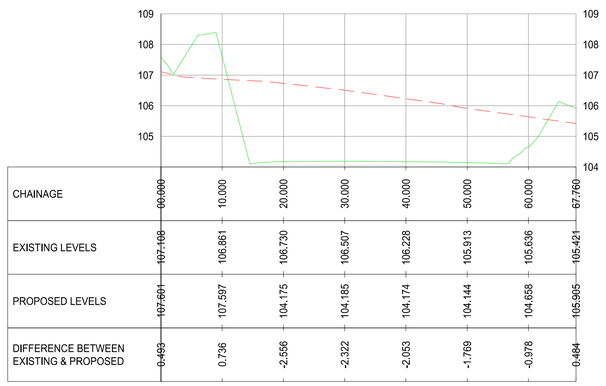


CHAINAGE	00.000	10.000	20.000	30.000	40.000	43.742
EXISTING LEVELS	107.354	106.817	106.274	105.805	105.315	105.062
PROPOSED LEVELS	108.488	108.450	104.295	104.121	105.612	
DIFFERENCE BETWEEN EXISTING & PROPOSED	1.134	1.634	-1.979	-1.684	0.296	

CHAMBER NUMBER	SW1d.5		SW PI 4	SW1d.6		SW1d.DB1	SW1d.7	SW1d.OUT
COVER LEVEL	108.514		108.552	105.478		104.527	105.633	104.282
INVERT LEVEL	104.800		104.550	104.500		104.227	104.150	103.982
PIPE INVERT LEVELS		104.800	104.600	104.550	104.500		104.250	104.150	104.150 / 104.050
PIPE DETAILS								

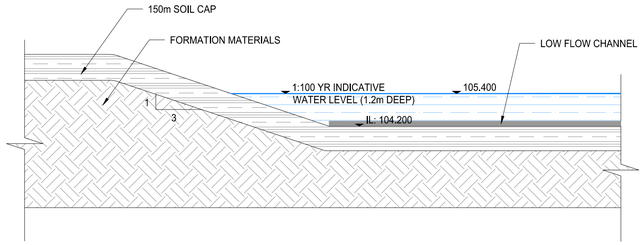
12.149m @ 1:61
375mm∅CONCRETE
5.533m @ 1:111
375mm∅CONCRETE
3.975m @ 1:40
225mm∅CONCRETE
5.972m @ 1:60
225mm∅CONCRETE

POND SECTION G-G
SCALE: H 1:250,V 1:50. DATUM: 103.000



CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000	67.760
EXISTING LEVELS	107.188	106.861	106.730	106.507	106.228	105.913	105.636	105.421
PROPOSED LEVELS	107.681	107.597	104.175	104.185	104.174	104.144	104.658	105.905
DIFFERENCE BETWEEN EXISTING & PROPOSED	0.493	0.736	-2.556	-2.322	-2.053	-1.769	-0.978	0.484

POND SECTION H-H
SCALE: H 1:250,V 1:50. DATUM: 104.000



TYPICAL POND DETAILS (NTS)

DRAINAGE NOTES

1. 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.
2. 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.
3. LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
4. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/CYCLETRACK LEVELS UNLESS OTHERWISE STATED.

GENERAL NOTES

1. DO NOT SCALE THIS DRAWING. WORK ONLY TO FIGURED DIMENSIONS.
2. FOR ALL RELEVANT NOTES, REFER TO STRUCTURAL AND CIVIL ENGINEERING PERFORMANCE SPECIFICATION.
3. ANY DISCREPANCIES ARE TO BE REPORTED TO PINNACLE CONSULTING ENGINEERS IMMEDIATELY.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SUB-CONTRACTORS DRAWINGS AND DETAILS.
5. THIS DRAWING IS TO BE PRINTED IN COLOUR.
6. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS EXPRESSLY STATED.
7. EXISTING SITE AND LEVEL INFORMATION TAKEN FROM LAND SURVEYS TOPOGRAPHICAL SURVEY DRAWING D1728F2D DATED 04/10/06.
8. 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
- WM EXISTING BULK WATERMAIN
- WM EXISTING WATERMAIN
- WM PROPOSED 150mm HDPE, PE100, SDR17 WATERMAIN
- WM 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
- G ROAD GULLY
- RWP RAINWATER DOWNPIPE
- SW INSPECTION CHAMBER WITH SILT TRAP
- D 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
- RG RAINGARDEN PLANTER BOX

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

CLIENT
CAPAMI LTD

PROJECT
OLDCOURT LRD

DRAWING TITLE
SURFACE WATER ATTENUATION SECTION SHEET 4 OF 9

PINNACLE CONSULTING ENGINEERS
GROSVENOR COURT,
67A PATRICK STREET,
DUN LAOGHAIRE,
COUNTY DUBLIN,
IRELAND, A96 W3Y7
TELEPHONE: +353 1 2311041
NORWICH ■ WELWYN GARDEN CITY ■ LONDON ■ THE HAGUE ■ FRANKFURT

DRAWING STATUS				
PLANNING				
SCALE @ A1	DATE	DRAWN BY	CHECKED	APPROVED
AS SHOWN	2024/04/28	FJVR	JB	SOR
DRG NO.				REV.
P211102-PIN-XX-XX-DR-C-00643-S2				P01

PIN REF: P211102

File Location: S:\02 PROJECTS\2021 PROJECTS\P211102 - OLDCOURT - LAP LANDS\6.0 DRAWINGS\6.2 PINNACLE\6.2.1 CIVIL\20240521 - PLANNING PACK\DWG\P211102-PIN-XX-XX-DR-C-00640-S2-P01 POND SECTION.DWG