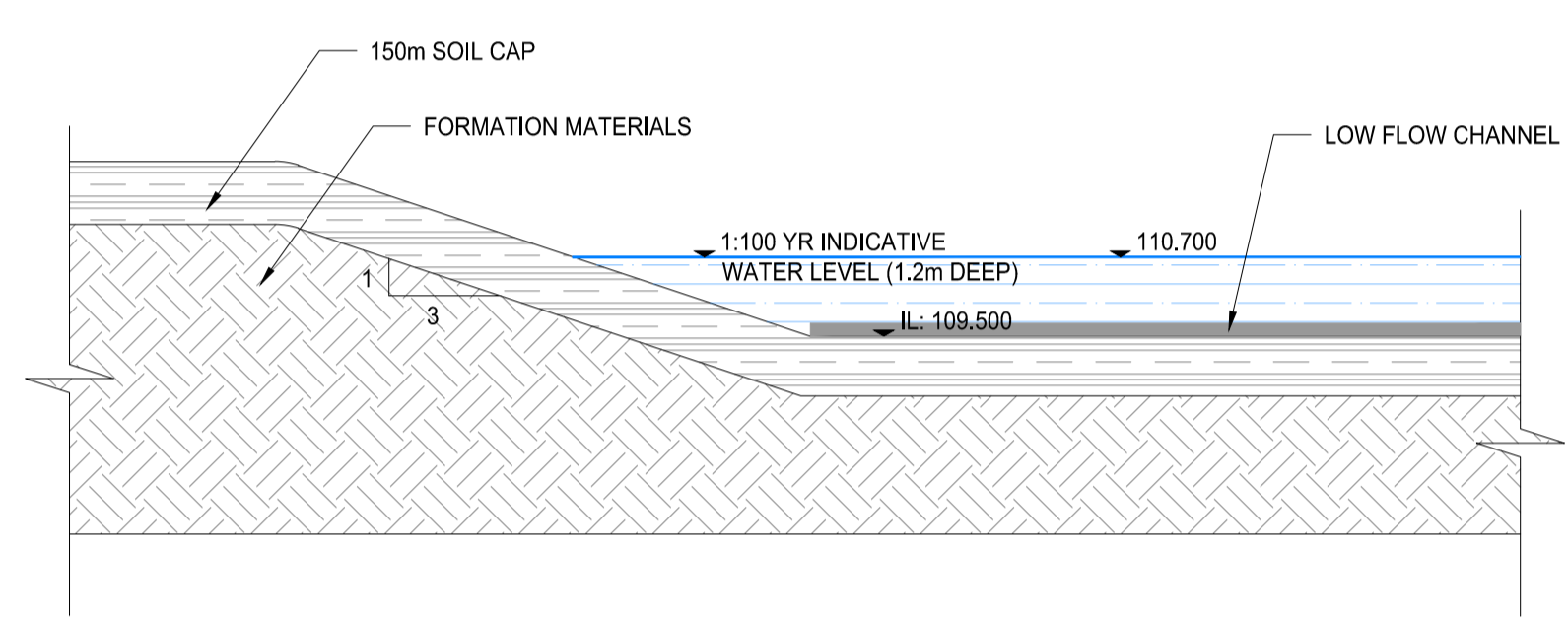
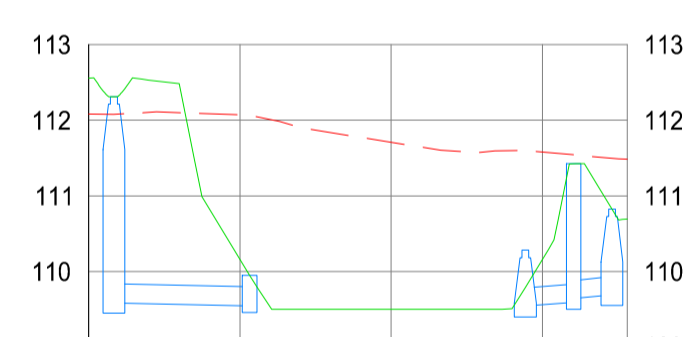


DETENTION BASIN SW3, DB1  
Scale 1:250



TYPICAL POND DETAILS (NTS)

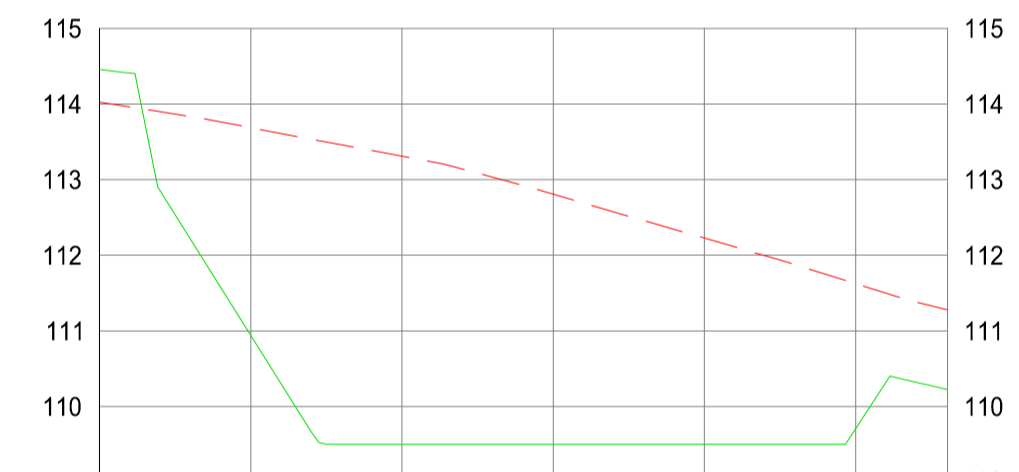


CHAINAGE	00.000	10.000	20.000	30.000	35.622
EXISTING LEVELS	112.682	112.070	111.707	111.578	111.485
PROPOSED LEVELS	112.558	110.161	109.500	110.161	110.692
DIFFERENCE BETWEEN EXISTING & PROPOSED	0.476	-1.909	-2.207	-1.417	-0.792
CHAMBER NUMBER	SW3.90	SW3.61		SW3.59	SW PI 11
COVER LEVEL	112.312	109.949		110.282	111.426
INVERT LEVEL	109.600	109.557		109.600	109.700
PIPE INVERT LEVELS	110.950	111.000		109.600	109.600
PIPE DETAILS		109.557 109.600			109.600 109.550

1.351m @ 1:27  
225mmØ CONCRETE  
8.982m @ 1:200  
225mmØ CONCRETE

2.527m @ 1:51  
225mmØ CONCRETE  
3.204m @ 1:64  
225mmØ CONCRETE

POND SECTION M-M  
SCALE: H 1:250, V 1:50. DATUM: 109.000



CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	56.076
EXISTING LEVELS	114.457	110.942	109.500	109.500	109.500	109.704	110.222
PROPOSED LEVELS	114.457	110.942	109.500	109.500	109.500	109.704	110.222
DIFFERENCE BETWEEN EXISTING & PROPOSED	0.432	-2.745	-3.810	-3.306	-2.726	-1.920	-1.054

POND SECTION N-N  
SCALE: H 1:250, V 1:50. DATUM: 109.000

- 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

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

CLIENT  
CAPAMI LTD

PROJECT  
OLDCOURT LRD

DRAWING TITLE  
SURFACE WATER ATTENUATION SECTIONS SHEET 7 OF 9



GROSVENOR COURT,  
67A PATRICK STREET,  
DUN LAOGHAIRE,  
COUNTY DUBLIN,  
IRELAND, A86 W3Y7  
NORWICH WELWYN GARDEN CITY LONDON THE HAGUE FRANKFURT

TELEPHONE: +353 1 2311041

DRAWING STATUS

SCALE @ A1	DATE	DRAWN BY	CHECKED	APPROVED
AS SHOWN	2024/04/28	FJVR	JB	SOR

DRG NO. P211102-PIN-XX-DR-C-00646-S2  
REV. P01

- 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.

File Location: S:\02\PROJECTS\2021\PROJECTS\P211102 - OLDCOURT - LAP LANDS\6.0 DRAWINGS\6.2 PINNACLE\6.2.1 CIVIL\6.2.1.102-PIN-XX-DR-C-00646-S2-P01 POND SECTION.DWG