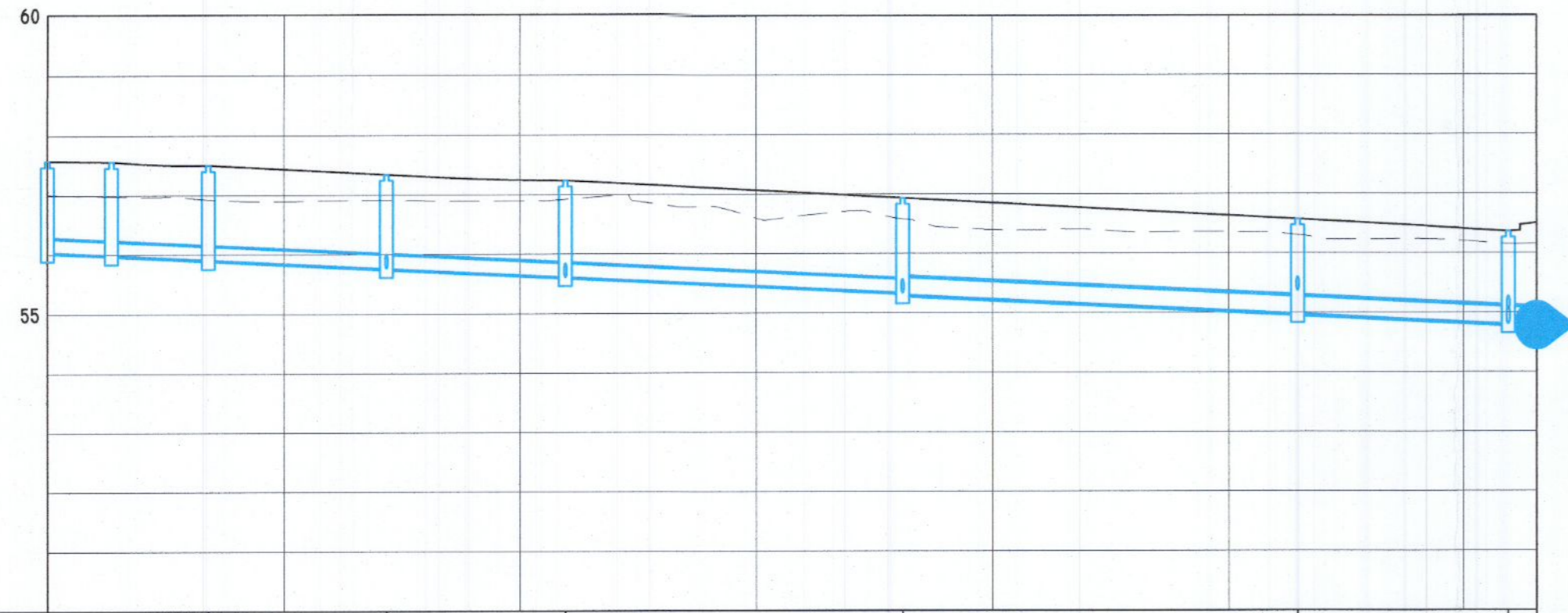


FGL
EGL

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 50.000



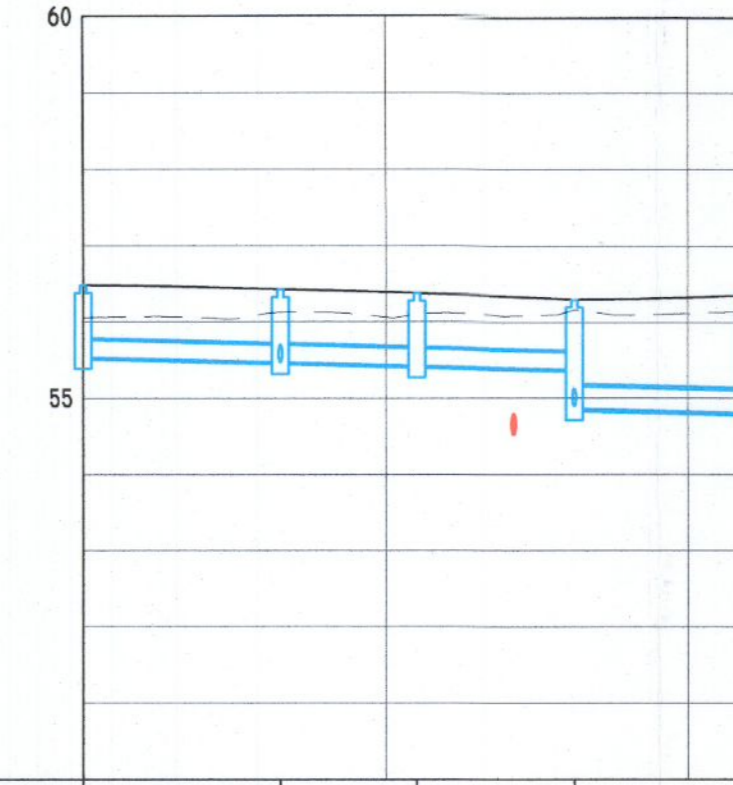
REFERENCE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	300mm Class 1000 CONCRETE	300mm Class 1000 CONCRETE	300mm Class 1000 CONCRETE
DISTANCE (m)	0.000	5.423	13.631	28.744	43.857	72.430	105.858	126.200
GROUND LEVEL/DEPTH	57.584 1.54	57.572 1.58	57.515 1.60	57.350 1.59	57.241 1.63	56.934 1.63	56.574 1.60	56.565 1.73
PIPE INVERT LEVEL	56.043	55.990	55.910	55.742	55.615	55.336	54.978	54.803
SLOPE / LENGTH	0.98% 1:102.4 5.42M	0.98% 1:102.4 8.21M	0.98% 1:102.4 15.11M	0.98% 1:102.4 15.11M	0.98% 1:102.4 28.57M	0.98% 1:102.4 33.43M	0.98% 1:102.4 17.95M	0.98% 1:102.4 2.41M
HYDRAULICS	DESIGN Q(m ³ /s) V(m/s)	0.00 0.0	0.00 0.0	0.00 0.0	0.01 0.7	0.02 1.3	0.03 1.2	0.04 1.6
	MAX. (0.8D) Q(m ³ /s) V(m/s)	0.07 1.9	0.07 1.9	0.07 1.9	0.07 1.9	0.07 1.9	0.13 2.2	0.13 2.2
BEDDING CLASS	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED

LONGSECTION SW2.1 - MH2006 1
FROM 0.000 TO 126.200

FGL
EGL

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 50.000



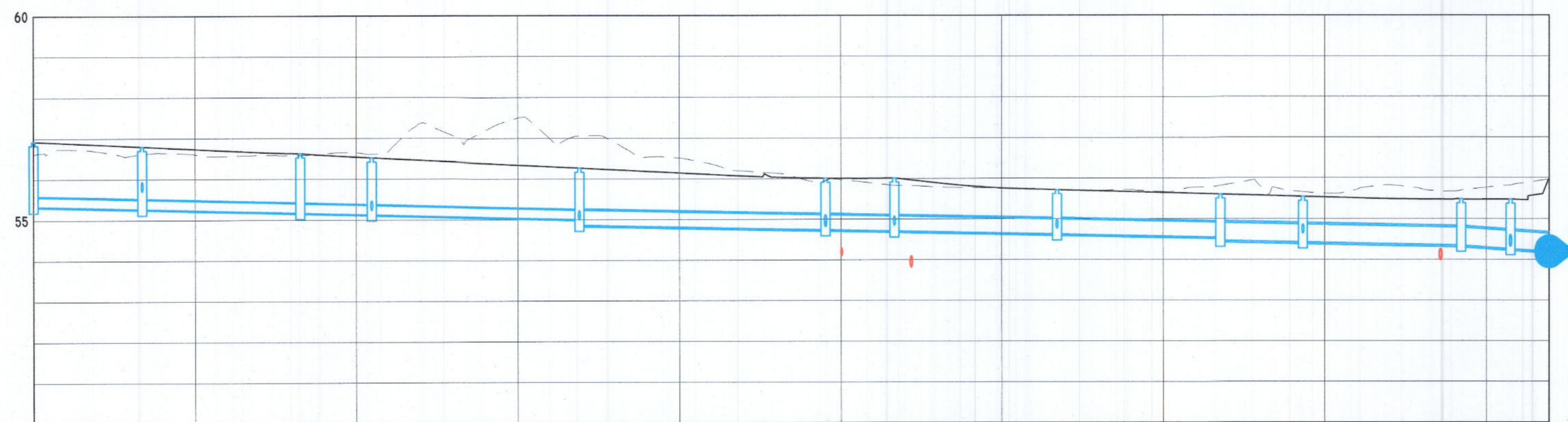
REFERENCE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE
DISTANCE (m)	0.000	13.015	22.043	32.402
GROUND LEVEL/DEPTH	56.481 0.95	56.425 0.96	56.377 0.95	56.300 1.44
PIPE INVERT LEVEL	55.532	55.467	55.422	55.370
SLOPE / LENGTH	0.50% 1:200.0 13.01M	0.50% 1:200.0 9.03M	0.50% 1:200.0 10.36M	0.50% 1:200.0 11.81M
HYDRAULICS	DESIGN Q(m ³ /s) V(m/s)	0.00 0.4	0.01 0.8	0.01 0.9
	MAX. (0.8D) Q(m ³ /s) V(m/s)	0.05 1.3	0.05 1.3	0.05 1.3
BEDDING CLASS	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED

LONGSECTION SW2A.1 - SW2.8 1
FROM 0.000 TO 44.217

FGL
EGL

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 50.000



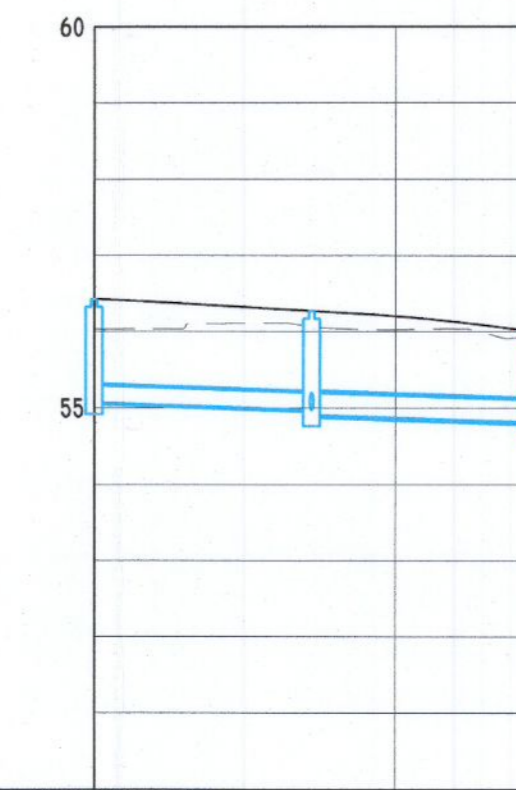
REFERENCE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	225mm Class 1000 CONCRETE	375mm Class 1000 CONCRETE	375mm Class 1000 CONCRETE	375mm Class 1000 CONCRETE	375mm Class 1000 CONCRETE	375mm Class 1000 CONCRETE	450mm Class 1000 CONCRETE	450mm Class 1000 CONCRETE
DISTANCE (m)	0.000	13.463	33.099	41.922	67.644	98.093	106.641	126.855	147.070	157.282	176.885
GROUND LEVEL/DEPTH	56.925 1.50	56.794 1.52	56.624 1.45	56.519 1.39	56.268 1.41	56.000 1.27	56.012 1.31	55.715 1.09	55.609 1.14	55.551 1.12	55.092 1.14
PIPE INVERT LEVEL	55.340	55.273	55.175	55.130	55.002	54.740	54.706	54.625	54.468	54.427	54.310
SLOPE / LENGTH	0.50% 1:200.0 13.46M	0.50% 1:200.0 19.64M	0.50% 1:200.0 8.82M	0.50% 1:200.0 25.72M	0.40% 1:250.0 30.45M	0.40% 1:250.0 8.55M	0.40% 1:250.0 20.21M	0.40% 1:250.0 20.21M	0.40% 1:250.0 10.21M	0.40% 1:250.0 19.60M	1.43% 1:70.0 6.12M
HYDRAULICS	DESIGN Q(m ³ /s) V(m/s)	0.00 0.5	0.01 0.6	0.02 0.6	0.03 1.2	0.05 0.8	0.07 0.9	0.08 1.1	0.09 1.4	0.09 1.3	0.10 1.3
	MAX. (0.8D) Q(m ³ /s) V(m/s)	0.05 1.3	0.05 1.3	0.05 1.3	0.05 1.3	0.15 1.6	0.15 1.6	0.15 1.6	0.15 1.6	0.25 1.9	0.25 1.9
BEDDING CLASS	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED

LONGSECTION SW3.1 - SW3.13 1
FROM 0.000 TO 187.830

FGL
EGL

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 50.000



REFERENCE	225mm Class 1000 CONCRETE	300mm Class 1000 CONCRETE
DISTANCE (m)	0.000	14.442
GROUND LEVEL/DEPTH	56.426 1.35	56.272 1.56
PIPE INVERT LEVEL	55.073	54.976
SLOPE / LENGTH	0.67% 1:150.0 14.44M	0.67% 1:150.0 14.44M
HYDRAULICS	DESIGN Q(m ³ /s) V(m/s)	0.00 0.8
	MAX. (0.8D) Q(m ³ /s) V(m/s)	0.05 1.5
BEDDING CLASS	UNDEFINED	UNDEFINED

LONGSECTION SW3A.1 - SW3.6 1
FROM 0.000 TO 28.885

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.

REV	DESCRIPTION	BY	CHK	DATE
A	FOR PLANNING	JS	SO	05.05.2022

CLIENT
KELLAND HOMES LTD.

PROJECT
CLONBURRIS SDZ

DRAWING TITLE
PRELIMINARY SURFACE
WATER LONGSECTIONS
SHEET 2 OF 3

PINNACLE
CONSULTING ENGINEERS

GROSVENOR COURT,
67A PATRICK STREET,
DUN LAOGHAIRE,
COUNTY DUBLIN
IRELAND. TELEPHONE: +353 1231 1041
WELWYN GARDEN CITY | NORWICH | LONDON | THE HAGUE

DRAWING STATUS			
FOR PLANNING			
SCALE	DATE	DRAWN BY	CHECKED
-	05.05.22	JS	SO
DRG NO.	REVISION		REF.
5401	A		

COPYRIGHT PINNACLE