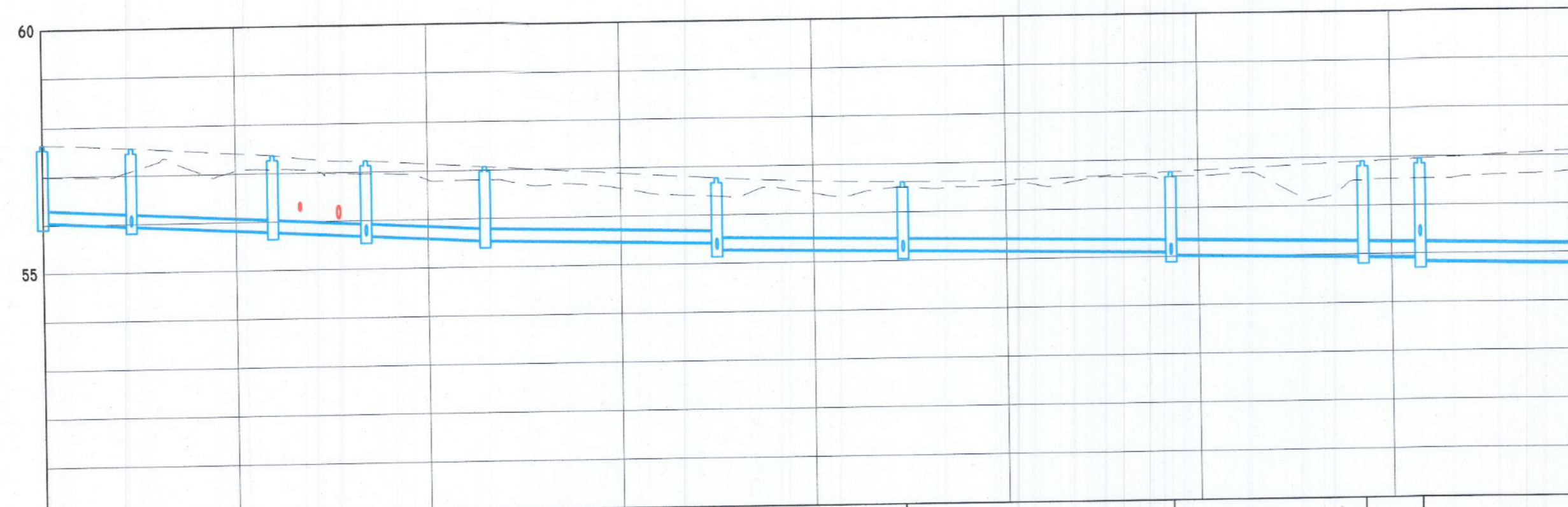


FGL  
EGL

SCALES:  
Horizontal 1:500  
Vertical 1:100

DATUM 50.000



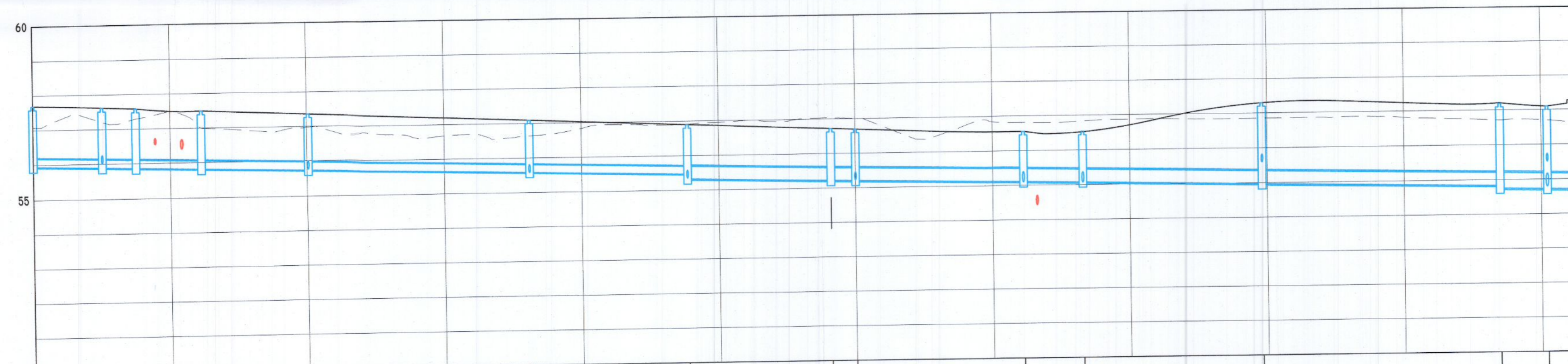
REFERENCE	225mm Class 1000 CONCRETE SW1.1	225mm Class 1000 CONCRETE SW1.2	225mm Class 1000 CONCRETE SW1.3	225mm Class 1000 CONCRETE SW1.4	225mm Class 1000 CONCRETE SW1.5	225mm Class 1000 CONCRETE SW1.6	225mm Class 1000 CONCRETE SW1.7	225mm Class 1000 CONCRETE SW1.8	300mm Class 1000 CONCRETE SW1.9	300mm Class 1000 CONCRETE SW1.10	225mm Class 1000 CONCRETE SW1.11
DISTANCE (m)	0.000	9.196	23.914	33.571	45.920	69.925	89.236	117.125	137.066	142.992	159.318
GROUND LEVEL/DEPTH	57.646 1.58	57.540 1.60	57.369 1.57	57.231 1.54	57.064 1.53	56.762 1.47	56.624 1.44	56.742 1.71	56.910 1.95	56.957 2.10	57.093 2.37
PIPE INVERT LEVEL	56.058	55.956 55.956	55.793 55.793	55.665 55.665	55.548 55.548	55.428 55.289	55.212 55.212	55.100 55.037	54.857 54.857	54.934 54.857	54.791
SLOPE / LENGTH	1.11% 1:90.0 9.20M	1.11% 1:90.0 14.72M	1.11% 1:90.0 9.66M	1.11% 1:90.0 12.35M	0.50% 1:200.0 24.00M	0.40% 1:250.0 19.31M	0.40% 1:250.0 27.89M	0.40% 1:250.0 19.94M	0.40% 1:250.0 5.93M	0.40% 1:250.0 16.33M	0.40% 1:250.0
HYDRAULICS	DESIGN Q(m <sup>3</sup> /s) V(m/s)	0.00 0.7	0.00 0.9	0.01 0.8	0.01 0.7	0.01 1.0	0.02 0.8	0.03 1.1	0.04 0.9	0.04 1.1	0.04 0.7
	MAX. (0.8D) Q(m <sup>3</sup> /s) V(m/s)	0.07 2.0	0.07 2.0	0.07 2.0	0.07 2.0	0.05 1.3	0.04 1.2	0.04 1.2	0.04 1.4	0.08 1.4	0.15 1.6
BEDDING CLASS	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED

LONGSECTION SW1.1 - SW1.11  
FROM 0.000 TO 159.318

FGL  
EGL

SCALES:  
Horizontal 1:500  
Vertical 1:100

DATUM 50.000



REFERENCE	225mm Class 1000 CONCRETE SW1.1	225mm Class 1000 CONCRETE SW1.2	225mm Class 1000 CONCRETE SW1.3	225mm Class 1000 CONCRETE SW1.4	225mm Class 1000 CONCRETE SW1.5	225mm Class 1000 CONCRETE SW1.6	225mm Class 1000 CONCRETE SW1.7	375mm Class 1000 CONCRETE SW1.8	375mm Class 1000 CONCRETE SW1.9	375mm Class 1000 CONCRETE SW1.10	375mm Class 1000 CONCRETE SW1.11	375mm Class 1000 CONCRETE SW1.12	375mm Class 1000 CONCRETE SW1.13	375mm Class 1000 CONCRETE SW1.14	375mm Class 1000 CONCRETE SW1.15	375mm Class 1000 CONCRETE SW1.16	375mm Class 1000 CONCRETE SW1.17	375mm Class 1000 CONCRETE SW1.18	375mm Class 1000 CONCRETE SW1.19	375mm Class 1000 CONCRETE SW1.20	375mm Class 1000 CONCRETE SW1.21	375mm Class 1000 CONCRETE SW1.22		
DISTANCE (m)	0.000	10.083	14.972	24.628	40.192	72.369	95.427	116.433	120.015	144.459	153.148	179.251	214.002	220.873	226.852									
GROUND LEVEL/DEPTH	57.665 1.74	57.618 1.72	57.579 1.71	57.488 1.67	57.358 1.62	57.091 1.51	56.899 1.58	56.723 1.50	56.695 1.49	56.558 1.44	56.527 1.47	57.294 2.33	57.205 2.44	57.093 2.37	56.932 2.21									
PIPE INVERT LEVEL	55.940	55.889 55.889	55.845 55.845	55.817 55.817	55.739 55.739	55.578 55.578	55.443 55.323	55.218 55.203	55.203 55.203	55.106 55.106	55.071 55.071	54.966 54.966	54.827 54.751	54.724 54.724	54.724 54.724									
SLOPE / LENGTH	0.50% 1:200.0 10.08M	0.50% 1:200.0 4.89M	0.50% 1:200.0 9.66M	0.50% 1:200.0 15.56M	0.50% 1:200.0 32.18M	0.50% 1:200.0 23.06M	0.50% 1:200.0 21.01M	0.40% 1:250.0 5.58M	0.40% 1:250.0 24.44M	0.40% 1:250.0 8.69M	0.40% 1:250.0 26.10M	0.40% 1:250.0 34.75M	0.40% 1:250.0 6.87M	0.40% 1:250.0 5.98M	0.40% 1:250.0									
HYDRAULICS	DESIGN Q(m <sup>3</sup> /s) V(m/s)	0.00 0.5	0.00 0.7	0.00 0.7	0.00 0.5	0.02 0.8	0.03 1.1	0.04 0.8	0.05 0.8	0.06 0.7	0.09 1.0	0.10 1.2	0.11 1.3	0.11 0.9	0.16 1.9									
	MAX. (0.8D) Q(m <sup>3</sup> /s) V(m/s)	0.05 1.3	0.05 1.3	0.05 1.3	0.05 1.3	0.05 1.3	0.05 1.3	0.04 1.8	0.05 1.6	0.06 1.6	0.09 1.6	0.10 1.6	0.11 1.6	0.11 1.9	0.16 1.9									
BEDDING CLASS	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED	UNDEFINED									

LONGSECTION SW1.1 - SW1.12  
FROM 0.000 TO 226.852

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  
CLONBARRIS SDZ

DRAWING STATUS  
PRELIMINARY SURFACE  
WATER LONGSECTIONS  
SHEET 1 OF 3

**PINNACLE**  
CONSULTING ENGINEERS

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STA PATRICK STREET,  
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IRELAND. TELEPHONE: +353 1231 1041  
WELWYN GARDEN CITY | NORWICH | LONDON | THE HAGUE

DRAWING STATUS			
FOR PLANNING			
SCALE @ AI	DATE	DRAWN BY	CHECKED
-	05.05.22	JS	SO
DRG NO.	REVISION		REF.
5400	A		

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