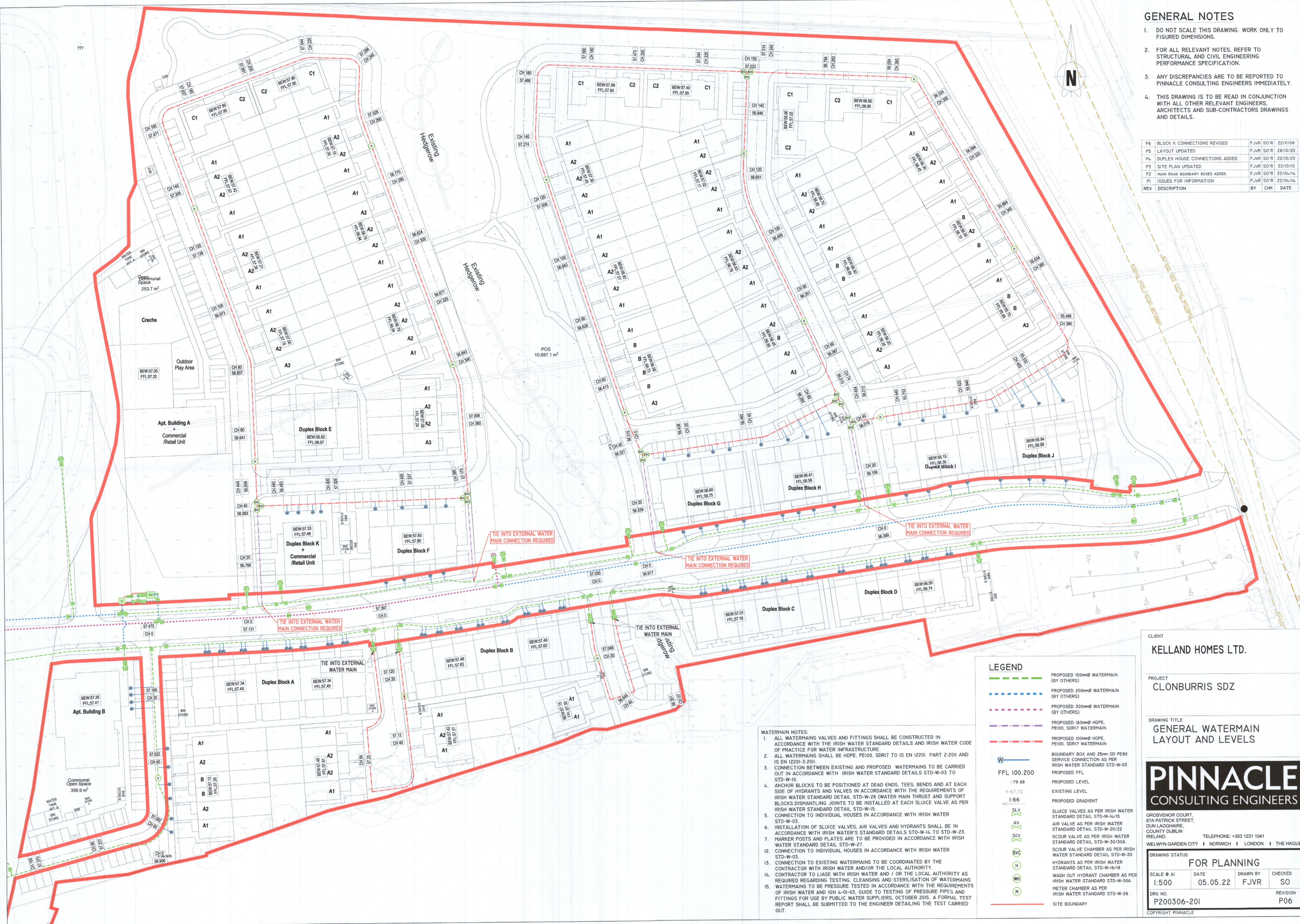


GENERAL NOTES

- 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.

P6	BLOCK K CONNECTIONS REVISED	FJVR SO'R	22/11/08
P5	LAYOUT UPDATED	FJVR SO'R	28/10/20
P4	DUPLEX HOUSE CONNECTIONS ADDED	FJVR SO'R	22/10/20
P3	SITE PLAN UPDATED	FJVR SO'R	22/10/10
P2	MAIN ROAD BOUNDARY BOXES ADDED	FJVR SO'R	22/04/14
P1	ISSUED FOR INFORMATION	FJVR SO'R	22/04/14
REV	DESCRIPTION	BY	CHK DATE



- WATERMAIN NOTES:**
- ALL WATERMANS, VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
 - ALL WATERMANS SHALL BE HDPE, PE100, SDR17 TO IS EN 12201 PART 2:2011 AND IS EN 12201-3:2011.
 - CONNECTION BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-03 TO STD-W-10.
 - ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST AND SUPPORT BLOCKS DISMANTLING JOINTS TO BE INSTALLED AT EACH SLUICE VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-15).
 - CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-03.
 - INSTALLATION OF SLUICE VALVES, AIR VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-14 TO STD-W-23. MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-27.
 - CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-03.
 - CONNECTION TO EXISTING WATERMANS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
 - CONTRACTOR TO LIAISE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TESTING, CLEANSING AND STERILISATION OF WATERMANS.
 - WATERMANS TO BE PRESSURE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER AND IGN 4-01-03, GUIDE TO TESTING OF PRESSURE PIPES AND FITTINGS FOR USE BY PUBLIC WATER SUPPLIERS, OCTOBER 2015. A FORMAL TEST REPORT SHALL BE SUBMITTED TO THE ENGINEER DETAILING THE TEST CARRIED OUT.

LEGEND

	PROPOSED 150mm HDPE WATERMAIN (BY OTHERS)
	PROPOSED 200mm HDPE WATERMAIN (BY OTHERS)
	PROPOSED 300mm HDPE WATERMAIN (BY OTHERS)
	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
	PROPOSED FFL
	PROPOSED LEVEL
	EXISTING LEVEL
	PROPOSED GRADIENT
	SLUICE VALVES AS PER IRISH WATER STANDARD DETAIL STD-W-15
	AIR VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-20/22
	SCOUR VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-30/30A
	SCOUR VALVE CHAMBER AS PER IRISH WATER STANDARD DETAIL STD-W-30
	HYDRANTS AS PER IRISH WATER STANDARD DETAIL STD-W-16/18
	WASH OUT HYDRANT CHAMBER AS PER IRISH WATER STANDARD STD-W-30A
	METER CHAMBER AS PER IRISH WATER STANDARD STD-W-26
	SITE BOUNDARY

CLIENT
KELLAND HOMES LTD.

PROJECT
CLONBURRIS SDZ

DRAWING TITLE
GENERAL WATERMAIN LAYOUT AND LEVELS

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 @ A1	DATE	DRAWN BY	CHECKED
1:500	05.05.22	FJVR	SO
DRG NO.			REVISION
P20306-201			P06

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