

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.

LEGEND

- PROPOSED 160MM Ø WATERMAIN (BY OTHERS)
- PROPOSED 160MM Ø HDPE, PE100, SDR17 WATERMAIN
- PROPOSED 100MM Ø HDPE, PE100, SDR17 WATERMAIN
- BOUNDARY BOX AND 25MM Ø 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-14/15
- 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

FFL 100.200

+79.88

+67.72

1:66

SLV

AV

SCV

SVC

H

WH

M

P2	MAIN ROAD BOUNDARY BOXES ADDED.	FJVR	SO'R	22/04/22
PI	ISSUED FOR INFORMATION	FJVR	SO'R	22/04/22
REV	DESCRIPTION	BY	CHK	DATE

CLIENT
KELLAND HOMES Ltd

PROJECT
CLONBARRIS SDZ

DRAWING TITLE
WATER LAYOUT

PINNACLE
CONSULTING ENGINEERS

GROSVENOR COURT,
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WELWYN GARDEN CITY | NORWICH | LONDON | THE HA

DRAWING STATUS			
FOR INFORMATION			
SCALE @ A1	DATE	DRAWN BY	CHECKED BY
1:500	14.04.22	FJVR	SO
DRG NO.			REVISION
P200306-201			P02

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- 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'S 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 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. PRIOR 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.

