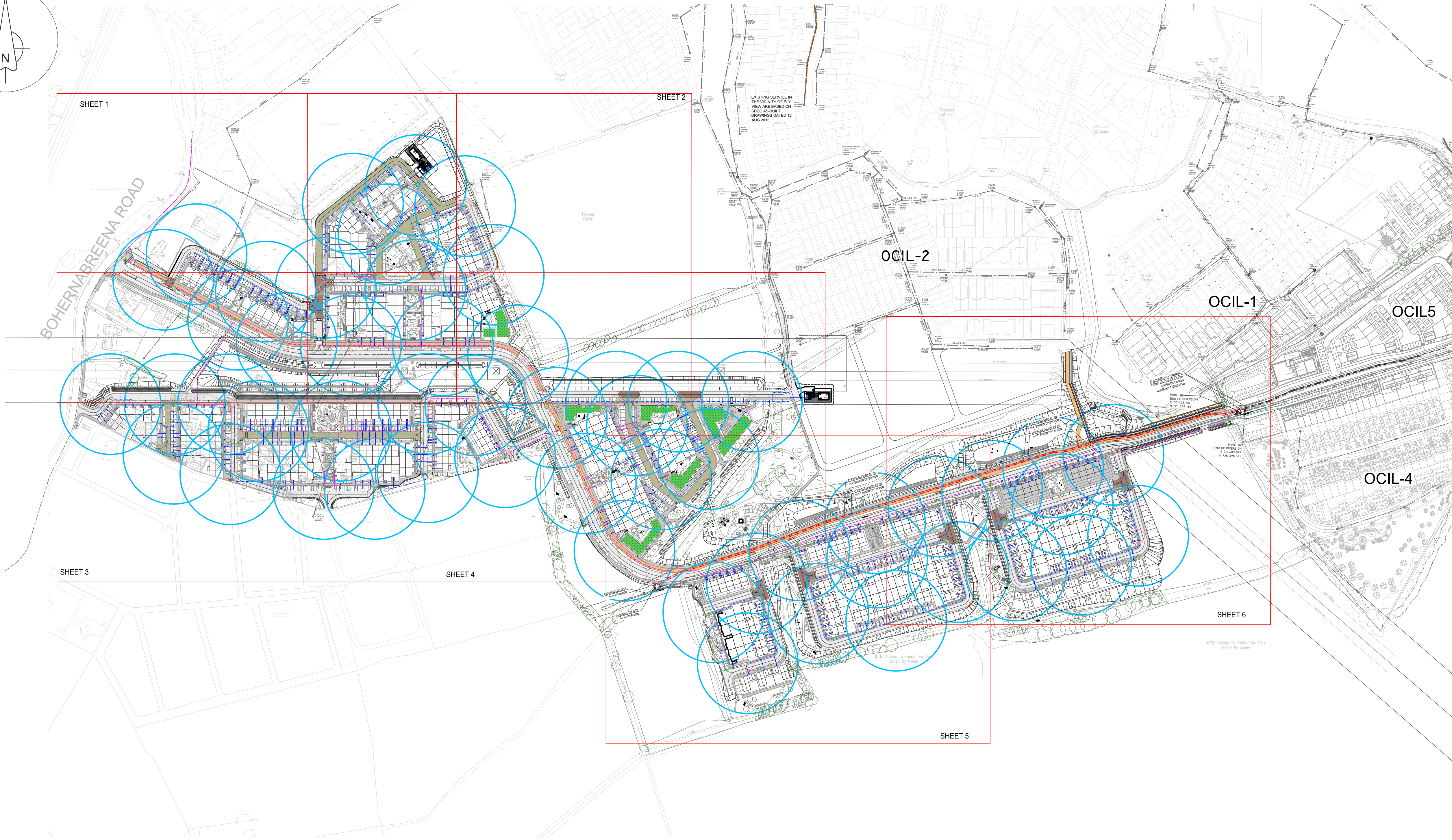
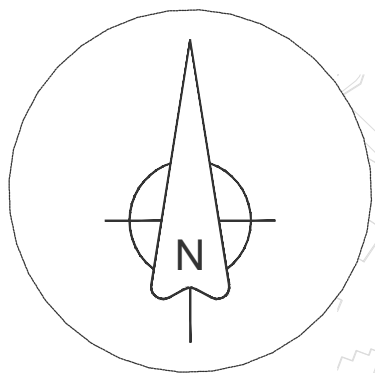


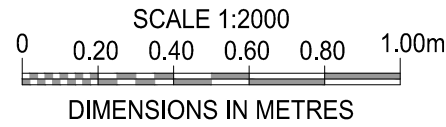


GENERAL NOTES

- 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

- WM EXISTING BULK WATERMAIN
- WM EXISTING WATERMAIN
- WM PROPOSED 150mm HDPE, PE100, SDR17 WATERMAIN
- WM PROPOSED 100mm HDPE, PE100, SDR17 WATERMAIN
- WM BOUNDARY BOX AND 25mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
- WM BOUNDARY BOX AND 32mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
- WM BOUNDARY BOX AND 65mm OD PE80 SERVICE CONNECTION AS PER IRISH WATER STANDARD STD-W-03
- WM RETAINING WALL
- FFL 100.200 PROPOSED FFL
- SLV SLUICE VALVES AS PER IRISH WATER STANDARD DETAIL STD-W-14/15
- AV AIR VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-20/22
- ScV SCOUR VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-30/30A
- SVC SCOUR VALVE CHAMBER AS PER IRISH WATER STANDARD DETAIL STD-W-30
- H HYDRANTS AS PER IRISH WATER STANDARD DETAIL STD-W-16/18
- WH WASH OUT HYDRANT CHAMBER AS PER IRISH WATER STANDARD STD-W-30A
- M METER CHAMBER AS PER IRISH WATER STANDARD STD-W-26
- M SCOUR VALVE CHAMBER AS PER IRISH WATER STANDARD STD-W-26



P01	ISSUED FOR IP LANNING	FJVR	JB	02/09/24
REV	DESCRIPTION	BY	CHK/ APP	DATE

CLIENT

CAPAMI LTD

PROJECT

OLDCOURT LRD

DRAWING TITLE

WATERMAIN LAYOUT
OVERALL LAYOUT

PINNACLE
CONSULTING ENGINEERS

GROSVENOR COURT,
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DRAWING STATUS				
PLANNING				
SCALE @ A1	DATE	DRAWN BY	CHECKED	APPROVED
1:2000	04/07/24	FJVR	JB	SOR
DRG NO.	P211102-PIN-XX-XX-DR-C-00300-S2			REV.
				P01

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WATERMAIN NOTES:

- ALL WATERMAINS VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
- ALL WATERMAINS SHALL BE HDPE, PE100, SDR17 TO IS EN 12201 PART 2:2011 AND IS EN 12201-3:2011.
- CONNECTION BETWEEN EXISTING AND PROPOSED WATERMAINS 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.
- 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 STD-W-03.
- CONNECTION TO EXISTING WATERMAINS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
- CONTRACTOR TO LIASE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TESTING, CLEANSING AND STERILISATION OF WATERMAINS.
- WATERMAINS 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.
- AIR VALVE AND HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200MM ALL ROUND AND 100MM DEEP, FORMED WITH C20/25 CONCRETE, 20MM AGGREGATE SIZE, AND BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCEMENT LINKS AND SHALL HAVE A BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER. SEE SECTION 3.18 OF WATER CODE OF PRACTICE.