

DESIGN ISSUE
EXTERNAL MAIN ROAD IS SUBJECT TO FUTURE CHANGE.



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

- 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
- FFL 100.200 PROPOSED FFL
- +79.88 PROPOSED LEVEL
- +67.72 EXISTING LEVEL
- 1:66 PROPOSED GRADIENT
- 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
- Site Boundary
- RC RETAINING WALL
- DRY WALL
- REINFORCED BLOCK WALL
- PROPOSED EXTERNAL ROAD UPGRADE
- LANDSCAPED EMBANKMENT

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-5.
- CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER 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 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 IGW L-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 HYDRANTS 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 504 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.

0 50mm ON A1 DWG. 50

POI	PLANNING	FJVR	SO'R	SEP 2022
REV	DESCRIPTION	BY	CHK	DATE

CLIENT: CAPAMI LTD

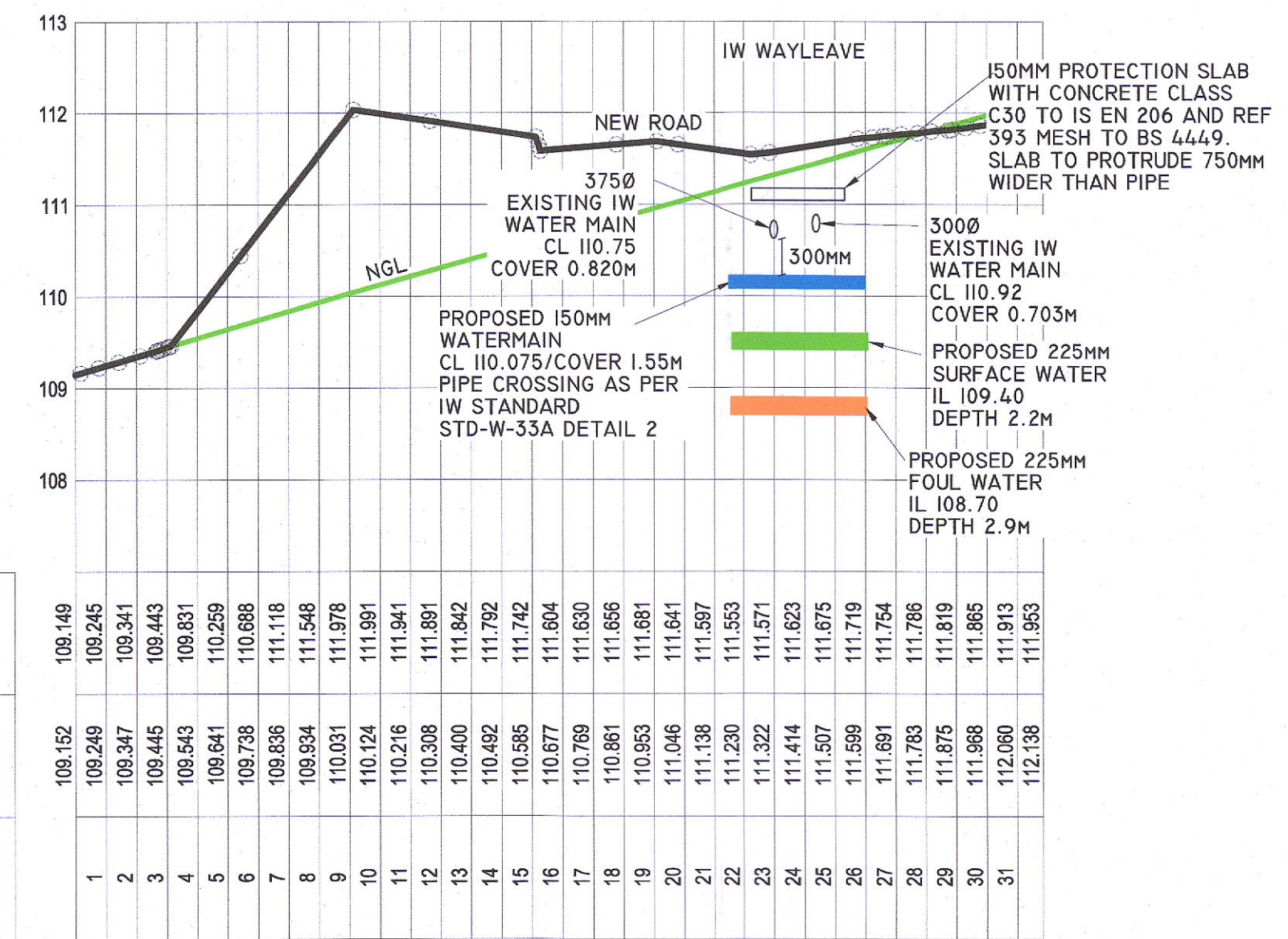
PROJECT: **OLDCOURT OCIL 4**

DRAWING TITLE: **PROPOSED WATERMAIN & LEVELS LAYOUT**

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			
PLANNING			
SCALE @ A1	DATE	DRAWN BY	CHECKED
1:500	SEP 22	FJVR	SO'R
DRG NO.	PI90302-256	REVISION	P01
COPYRIGHT PINNACLE			



SECTION A-A FROM 0.000 TO 31.844

EXISTING GROUND PROFILE
DESIGN PROFILE

SCALES:
Horizontal 1:500
Vertical 1:167

DATUM 107.000

CENTRE LINE (CL)

GROUND LEVELS ON CL

DISTANCE (m)

