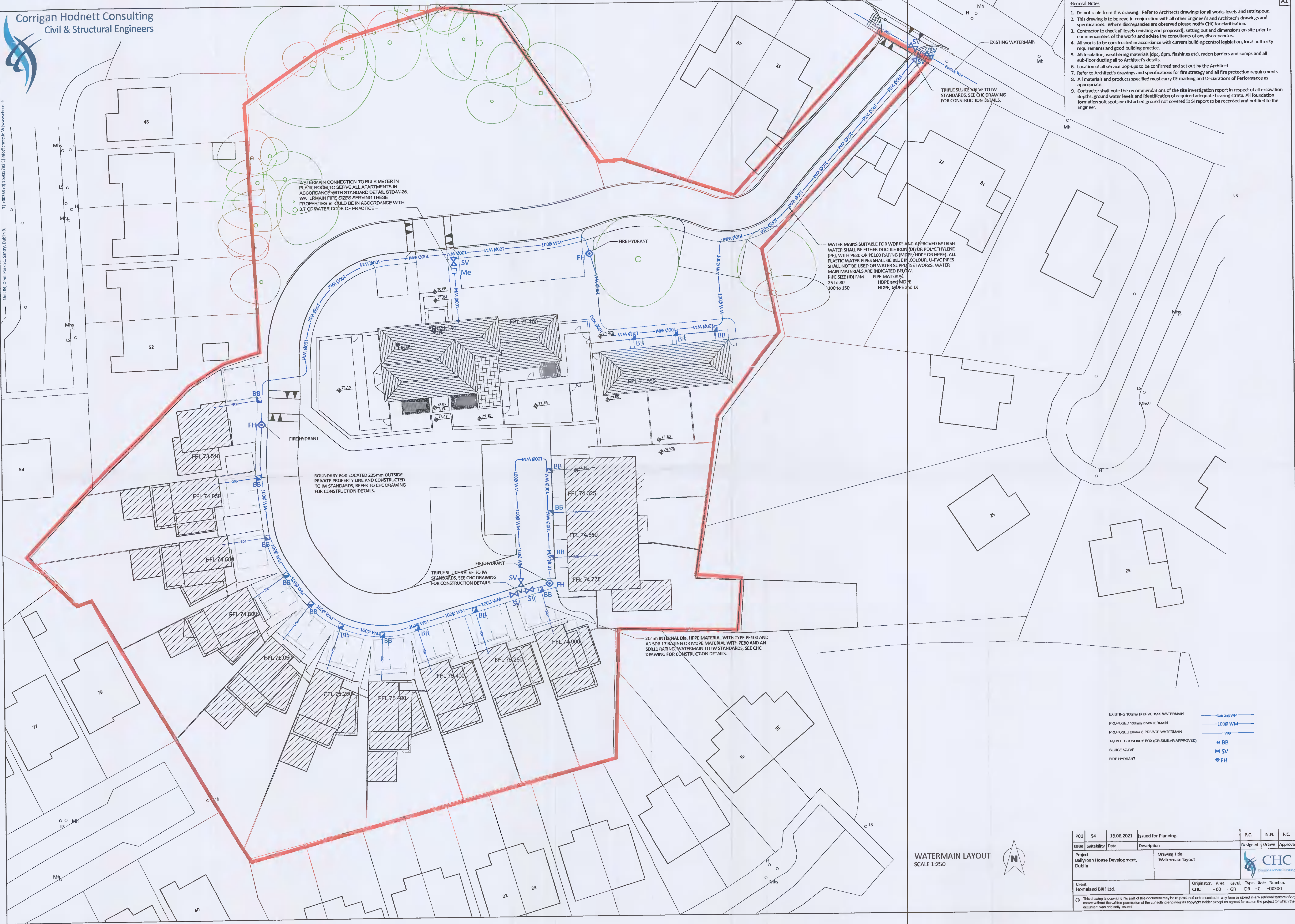


- General Notes**
1. Do not scale from this drawing. Refer to Architects drawings for all works levels and setting out.
 2. This drawing is to be read in conjunction with all other Engineer's and Architect's drawings and specifications. Where discrepancies are observed please notify CHC for clarification.
 3. Contractor to check all levels (existing and proposed), setting out and dimensions on site prior to commencement of the works and advise the consultants of any discrepancies.
 4. All works to be constructed in accordance with current building control legislation, local authority requirements and good building practice.
 5. All insulation, weathering materials (dpc, dpm, flashings etc), radon barriers and sumps and all sub-floor ducting all to Architect's details.
 6. Location of all service pop-ups to be confirmed and set out by the Architect.
 7. Refer to Architect's drawings and specifications for fire strategy and all fire protection requirements as appropriate.
 8. All materials and products specified must carry CE marking and Declarations of Performance as appropriate.
 9. Contractor shall note the recommendations of the site investigation report in respect of all excavation depths, ground water levels and identification of required adequate bearing strata. All foundation formation soft spots or disturbed ground not covered in SI report to be recorded and notified to the Engineer.



WATERMAIN CONNECTION TO BULK METER IN PLANT ROOM TO SERVE ALL APARTMENTS IN ACCORDANCE WITH STANDARD DETAIL STD-W-26. WATERMAIN PIPE SIZES SERVING THESE PROPERTIES SHOULD BE IN ACCORDANCE WITH 3.7 OF WATER CODE OF PRACTICE

WATER MAINS SUITABLE FOR WORKS AND APPROVED BY IRISH WATER SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PE100 RATING (MDPE, HDPE OR PPPE). ALL PLASTIC WATER PIPES SHALL BE BLUE IN COLOUR. U-PVC PIPES SHALL NOT BE USED ON WATER SUPPLY NETWORKS. WATER MAIN MATERIALS ARE INDICATED BELOW.
PIPE SIZE (ID) MM PIPE MATERIAL
25 to 80 HDPE and MDPE
100 to 150 HDPE, MDPE and DI

BOUNDARY BOX LOCATED 225mm OUTSIDE PRIVATE PROPERTY LINE AND CONSTRUCTED TO IW STANDARDS, REFER TO CHC DRAWING FOR CONSTRUCTION DETAILS.

TRIPLE SLUICE VALVE TO IW STANDARDS, SEE CHC DRAWING FOR CONSTRUCTION DETAILS.

20mm INTERNAL Dia. HDPE MATERIAL WITH TYPE PE100 AND AN SDR 17 RATING OR MDPE MATERIAL WITH PE80 AND AN SDR11 RATING WATERMAIN TO IW STANDARDS, SEE CHC DRAWING FOR CONSTRUCTION DETAILS.

- EXISTING 100mm Ø UPVC 1950 WATERMAIN
- PROPOSED 100mm Ø WATERMAIN
- PROPOSED 200mm Ø PRIVATE WATERMAIN
- TALBOT BOUNDARY BOX (OR SIMILAR APPROVED)
- SLUICE VALVE
- FIRE HYDRANT

WATERMAIN LAYOUT
SCALE 1:250



PO1	S4	18.06.2021	Issued for Planning.	P.C.	N.N.	P.C.
Issue	Suitability	Date	Description	Designed	Drawn	Approved
Project			Drawing Title			
Ballyroan House Development, Dublin			Watermain layout			
Client			Originator, Area, Level, Type, Role, Number.			
Homeland BRH Ltd.			CHC - DO - GR - DR - C - 00300			

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