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  - ALL DIMENSIONS TO BE CHECKED BY THE CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF WORKS.
  - J.B. BARRY'S TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE.
  - DIMENSIONS OF ALL BOUNDARIES AND ADJOINING ROADS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.
  - DO NOT SCALE. ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
  - THE DEVELOPMENT SHALL HAVE A BULK WATER METER (EXACT LOCATION TO BE AGREED WITH IRISH WATER) IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE SECTION 3.15.4.
  - ALL PROPOSED WATERMAIN PIPEWORK TO BE HDPE WITH MINIMUM PE-80 SDR-17 IN ACCORDANCE WITH SECTION 3.9 OF IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
  - THE MINIMUM PIPE DIAMETER PROPOSED IS 150mm(ØID).
  - WATERMAIN TO BE LOCATED IN COMPLIANCE WITH STD-W-12A OF IW STANDARDS, IN RELATION TO PLANTING PROXIMITY.
  - SEPARATION DISTANCES FROM WATERMAIN TO BE IN COMPLIANCE WITH STD-W-11 OF IW STANDARDS.
  - ALL WATERMANS WILL HAVE A MINIMUM COVER OF 900mm. ALL SERVICE PIPES CONNECTING PROPERTIES WILL HAVE MINIMUM COVER OF 750mm.
  - HYDRANTS SHALL BE DOUBLE FLANGED DRILLED TO PN16 AND SHALL COMPLY WITH BS EN 14339, IS EN 1074 PART 6 AND 135 750. REFER TO IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE SECTION 3.16.5.
  - SLUICE VALVES HAVE BEEN PROVIDED SO THAT INDIVIDUAL SECTIONS CAN BE ISOLATED & WILL COMPLY TO BS 5163. THE DEPTH OF THE SLUICE VALVE SPINDLE CAP BELOW FINISHED GROUND WILL NOT EXCEED 300mm.
  - AIR VALVE AND HYDRANT COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY CONCRETE PLINTH, 200MM ALL AROUND AND 100MM DEEP, IN COMPLIANCE WITH IW STANDARDS.
  - INDIVIDUAL SERVICE CONNECTION TO EACH UNIT TO BE IN ACCORDANCE WITH STD-W-26 OF IW STANDARDS.
  - ALL WATERMAIN DETAILS TO BE IN ACCORDANCE WITH THE IRISH WATER INFRASTRUCTURE STANDARD DETAILS AND CODE OF PRACTICE FOR WATER INFRASTRUCTURE.
  - 1500 WATERMAIN TO BE AT LEAST 3.0m FROM EDGE OF PROPERTY IN ACCORDANCE WITH SECTION 3.5.9 OF THE IRISH WATER CODE OF PRACTICE.
  - HYDRANTS TO BE AT LEAST 6.0m FROM EDGE OF PROPERTY IN ACCORDANCE WITH SECTION 3.5.25 OF THE IRISH WATER CODE OF PRACTICE.

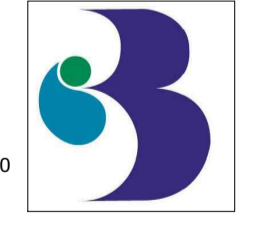
- EXISTING 150mm ØUPVC WATERMAIN  
 EXISTING 200mm ØUPVC WATERMAIN  
 PROPOSED 150mm(ØID) HDPE WATERMAIN (PE-80 SDR-17)
- PROPOSED SLUICE VALVE (Irish Water STD-W-15)
- PROPOSED FIRE HYDRANT (Irish Water STD-W-18)
- PROPOSED AIR VALVE (Irish Water STD-W-22)
- PROPOSED SCOUR VALVE (Irish Water STD-W-30A)
- PROPOSED BULK WATER METER (Irish Water STD-W-26)
- PROPOSED WASHOUT HYDRANT (Irish Water STD-W-30A)
- PROPOSED WATER SUPPLY CONNECTION PIPELINES AND METERS TO INDIVIDUAL UNITS IN ACCORDANCE WITH SECTION 3.15.4 OF WATER CODE OF PRACTICE. EXACT LOCATION TO BE AGREED WITH IRISH WATER AT CONNECTION STAGE

Description	Drawn	Date	Rev.
WATERMAIN REVISED	SW	23.10.19	P6
WATERMAIN REVISED	ES	03.10.19	P5
WATERMAIN REVISED	ES	01.10.19	P4
WATERMAIN REVISED	ES	27.09.19	P3
ISSUED FOR PLANNING	ES	08.07.19	P2
INITIAL ISSUE	ES	30.04.19	P1

Client:  
**COSGRAVE DEVELOPMENTS.**

Project:  
**BLACKWOOD SQUARE, NORTHWOOD, D9**

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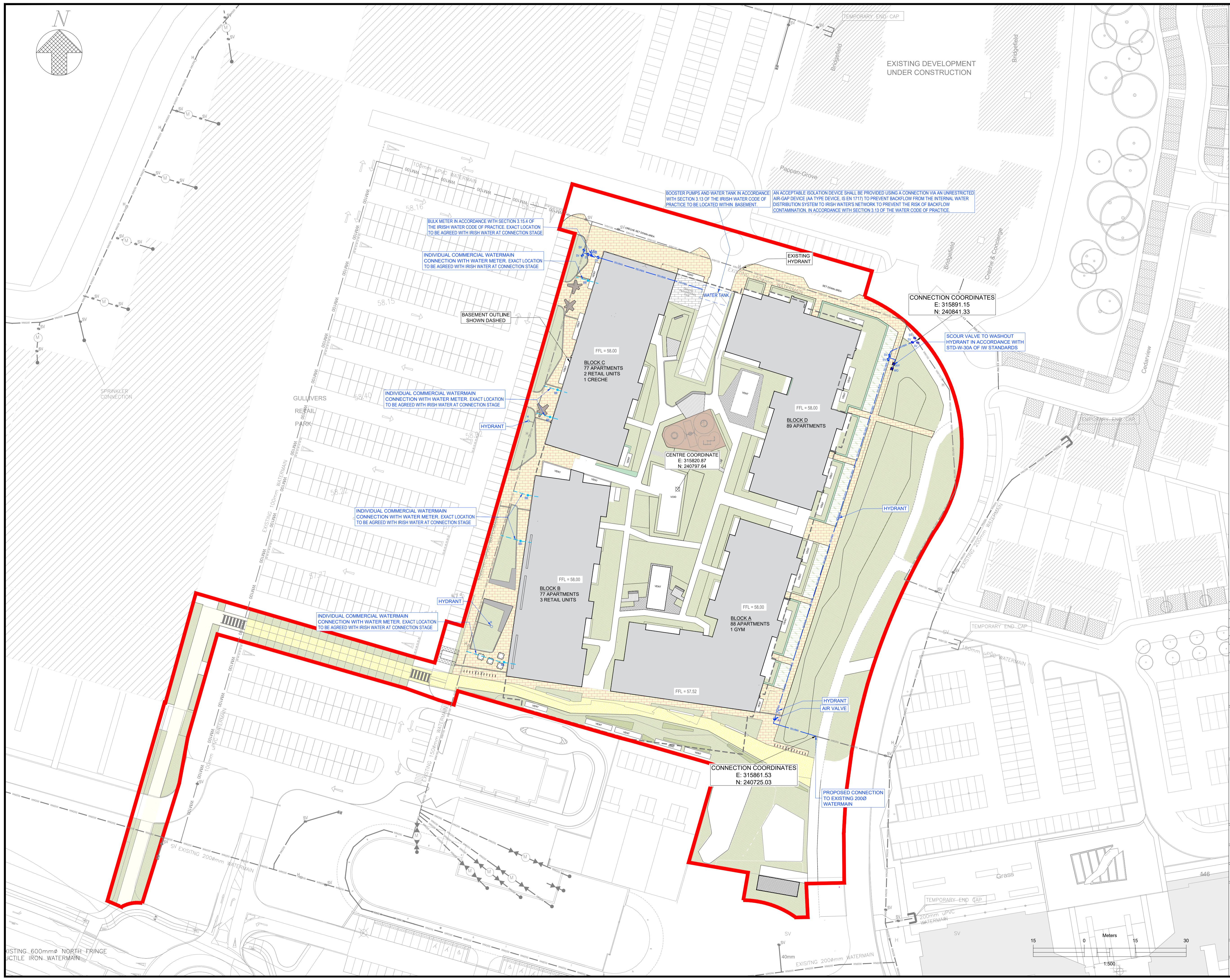
Drawn By:	ES	Date:	APRIL 2019
Checked By:	GF	Date:	APRIL 2019
Approved By:	GF	Date:	APRIL 2019
Internal Project Ref:	Y19205	Stage:	PLANNING

Drawing Title:  
**PROPOSED WATERMAIN LAYOUT**

Scales:  
 1:500 @ A1

Drawing No.:  
**19205-JBB-00-XX-DR-C-01004**

Rev:  
**P6**



EXISTING 600mm Ø NORTH FRINGE DUCTILE IRON WATERMAIN

