



**LEGEND:**

PROPOSED 150mm ID PE100 SDR 11 WATERMAIN WITH WELDED JOINTS CONFORMING TO SEN12201 (ALL PARTS)		EXISTING SURFACE WATER SEWER	
PROPOSED SLUICE VALVE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-23 & STD-W-04 TO STD-W-10		EXISTING WATERMAIN (SIZE & TYPE AS NOTED)	
PROPOSED FIRE HYDRANTS WITHIN BASEMENT LOCATIONS TO M&E REQUIREMENTS		PROPOSED FIRE MAIN AS PER M&E DRAWINGS/ FIRE ENGINEERS REQUIREMENTS	
PROPOSED HYDRANT IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-23 & STD-W-04 TO STD-W-10		EXISTING HYDRANT	
PROPOSED WATER METER, M&E TO REVIEW POWER SUPPLY & KIOSK LOCATION (DETAILS TO BE AGREED WITH IRISH WATER). METER TO BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-26		EXTENT OF PROPOSED DEVELOPMENT	
EXISTING WATERMAIN TO BE DIVERTED AS SHOWN		EXTENT OF LAND WITHIN DEVELOPERS OWNERSHIP	
EXISTING FOUL WATER SEWER		EXTENT OF EXISTING BASEMENT/GROUND FLOOR SLAB	
		EXISTING BUILDINGS	

**NOTES FOR CONNECTION TO IRISH WATER SERVICES**

- CONTRACTOR TO LIAISE WITH IRISH WATER PRIOR TO MOBILISATION ON SITE TO DETERMINE THE DURATION OF THE APPROVAL PROCESS AND WHAT DOCUMENTATION AND FEES ARE REQUIRED BY IRISH WATER AND THE LOCAL AUTHORITY AND PROGRAM THIS INTO THE CONSTRUCTION PROGRAM. CONTRACTOR TO CONFIRM EXTENT OF NOTICE REQUIRED BY IRISH WATER TO INSPECT WORKS AND ALSO PROGRAM INTO THE CONSTRUCTION PROGRAM.
- IRISH WATER TO BE CONTACTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY FOUL SEWER AND WATERMAIN WORKS. ALL DETAILS TO BE AGREED WITH IRISH WATER. IRISH WATER TO BE GIVEN 40 WORKING DAYS NOTICE FOR ALL FOUL SEWER AND WATERMAIN CONNECTION WORKS.
- EXACT LOCATION AND DEPTH OF THE EXISTING FOUL SEWERS, RISING MAINS AND WATERMANS SHOULD BE ESTABLISHED BY THE CONTRACTOR IN ADVANCE OF THE MAIN EXCAVATION FOR THE NEW FOUL SEWER AND WATERMAIN SO AS TO AVOID THE POSSIBILITY OF DAMAGE TO THE EXISTING FOUL SEWER, RISING MAINS AND WATERMAIN DURING CONSTRUCTION WORKS. SLIT TRENCHES TO BE UNDERTAKEN.
- ALL EXISTING FOUL SEWERS, RISING MAINS AND WATERMANS TO BE ADEQUATELY PROTECTED. ANY FOUL SEWERS, RISING MAINS OR WATERMANS DAMAGED DURING THE COURSE OF CONSTRUCTION WILL BE REPLACED BY THE CONTRACTOR AT THEIR OWN COST.
- THE CONTRACTOR SHALL APPLY FOR A ROAD OPENING LICENSE AND PAY THE REQUIRED ROAD OPENING LICENSE FEE. THIS FEE IS A NON-NEGOTIABLE AND NON-REFUNDABLE FIGURE. THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED IN HIS TENDER PRICE FOR ALL REQUIREMENTS SUCH AS CONTRIBUTION FOR CONNECTIONS TO PUBLIC INFRASTRUCTURE, LICENSE APPLICATION, PAYMENT OF FEE(S), STATUTORY TIME PERIODS, TRAFFIC MANAGEMENT PLANS AND APPLICATION, REINSTATEMENT, ETC.

**NOTES:**

- POSITION & TYPE OF KNOWN SERVICES ARE INDICATIVE ONLY. THE CONTRACTOR MUST CONFIRM EXACT POSITION OF ALL SERVICES BY CARRYING OUT NECESSARY SURVEYS (GPR/SCANNING & UTILITY SURVEY) AND SLIT TRENCHES AND DRAWINGS TO BE ISSUED TO THE PUNCH 10 WORKING DAYS PRIOR TO COMMENCEMENT OF WORKS. THE EXISTING DRAINAGE LAYOUTS ARE BASED ON IRISH WATER RECORD DRAWINGS.
- THE CONTRACTOR IS TO CONTACT ALL SERVICE PROVIDERS AND LOCATE SERVICES FOR ALL WORKS AGREED WITH PRIOR TO COMMENCEMENT OF WORKS.
- POWER REQUIREMENTS & CONTROL PANEL TO METER TO M&E DETAIL.
- MARKER POSTS AND PLATES TO BE PROVIDED FOR ALL VALVES.
- CONTRACTOR TO ALLOW FOR OBTAINING AND PAYING FOR ROAD OPENING LICENCE & ALL REQUIREMENTS ASSOCIATED WITH THE LICENCE. CONTRACTOR TO ALLOW FOR APPLICATION TIME FRAME.
- SOME EXISTING SERVICES OMITTED FOR CLARITY.
- REFER TO DRAWING NO. 152217-072 FOR DRAWING CO-ORDINATING PROPOSED SERVICE WORKS IN CARMANHALL ROAD.
- THE CONTRACTOR'S ATTENTION IS DRAWN TO THE DANGER OF DAMAGE TO PIPELINES FROM UNUSUALLY HEAVY SITE TRAFFIC DURING THE CONSTRUCTION OF THE WORKS FOR BOTH EXISTING SERVICES AND AFTER THE WATERMANS/ SEWERS HAVE BEEN LAID. ATTENTION IS DRAWN TO THE OCCURRENCE OF TEMPORARY COVER TO THE PIPES BEING LESS THAN THE FINAL COVER AND IT MAY THEREFORE BE NECESSARY FOR THE CONTRACTOR TO LAY THE PIPES ON A BED AND SURROUND OF CONCRETE AS A PRELIMINARY PROTECTION MEASURE.

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COLOUR DRAWING

Date Drawn:	JULY 2018
Drawn By:	IBS
Date Issued:	2019/04/12
Issued By:	IBS

Rev	Amendment	By	Date
PL0	ISSUED FOR PLANNING	IBS	2018/12/06
PL1	ISSUED FOR PLANNING	IBS	2019/03/25
PL2	ISSUED FOR PLANNING	IBS	2019/03/29
PL3	ISSUED FOR PLANNING	IBS	2019/04/05
PL4	ISSUED FOR PLANNING	IBS	2019/04/12

Client:  
**IRES Residential Properties LTD.**

Job: LANDS KNOWN AS "RB CENTRAL" AT ROCKBROOK, CARMANHALL ROAD, SANDYFORD BUSINESS DISTRICT, SANDYFORD, DUBLIN 18

Title: **PROPOSED WATERMAIN LAYOUT**

Scale @ A1: 1:250

Technician Check: IBS

Engineer Check: MR

Approved: PC

Drawing No: **152217-010**

Rev: **PL4**

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