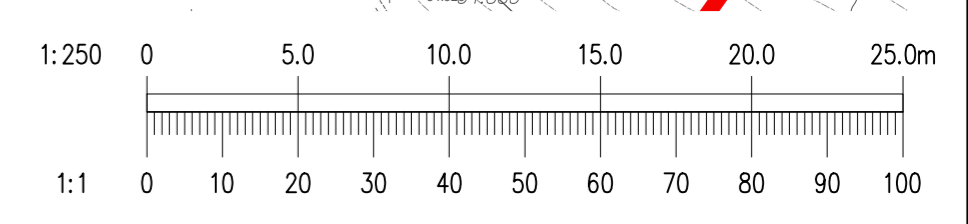


- NOTES:**
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
 - ALL PIPE MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF THE IRISH PIPE CODE OF PRACTICE FOR WATER INFRASTRUCTURE. WATERMANS SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PE100 RATING (MDPE, HDPEOR HPPE). ALL PLASTIC WATER PIPES SHALL BE BLUE IN COLOUR.
 - ALL SERVICE CONNECTIONS TO BE 25th HDPE(SDR-17).
 - ALL WATERMANS UNDER ROADS OR AT ROAD CROSSINGS TO BE HDPE OR DUCTILE IRON.
 - HDPE DISTRIBUTION PIPES TO BE PE-100(SDR-17).
 - DUCTILE IRON PIPES TO IS EN 545 WITH C40 POWER RATING.
 - 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, BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCED LINKS AND SHALL HAVE BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.
 - THRUST BLOCKS SHALL BE PROVIDED AT EACH BEND ALONG THE COURSE OF THE WATERMAIN.
 - PLANTING ADJACENT TO WATER INFRASTRUCTURE SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12A.
 - HORIZONTAL AND VERTICAL SERVICE LAYOUT DISTANCES SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-11.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEB SITE AT WWW.WATER.IE/CONNECTIONS/DEVELOPER-SERVICES/ WHERE THE DETAILS CONTAINED ON THIS DRAWING DIFFER FROM THE IRISH WATER CODE OF PRACTICE OR STANDARD DETAILS THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. IRISH WATER STANDARDS WILL TAKE PRECEDENCE.



LEGEND:

- XXXmm ϕ EXISTING WATERMAIN WITH PIPE SIZE
- XXXmm ϕ PROPOSED 150th HDPE WATERMAIN
- PROPOSED 150th HDPE SLUNG WATERMAIN
- SV PROPOSED SLUICE VALVE
- H PROPOSED HYDRANT
- ScV PROPOSED SCOUR VALVE
- AV PROPOSED AIR VALVE
- NRV PROPOSED NON-RETURN VALVE
- WM PROPOSED WATER METER
- SWMH SURFACE WATER MANHOLE
- WATERMAIN ScV NRV SWMH TYPICAL SCHEMATIC CONNECTION OF OFFLINE SCOUR VALVE
- BB PROPOSED BOUNDARY BOX AND CONNECTION

NOTE: METERS FOR BLOCKS A AND D TO BE INSTALLED INTERNALLY IN ACCORDANCE WITH IRISH WATER REQUIREMENTS AND IN ACCORDANCE WITH BUILDING CONTROLS AUTHORITY REQUIREMENTS

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REV.	DATE	AMENDMENT	DRN APPD
STATUS		FOR PLANNING NOT FOR CONSTRUCTION	
		BLOCK 5, EASTPOINT BUSINESS PARK, ALFIE BYRNE ROAD, DUBLIN D03 H3F4 IRELAND. Tel: (01) 664 8900 Fax: (01) 661 3618 Email: info@waterman-moylan.ie www.waterman-moylan.ie	
CLIENT	BALSCADDEN GP3 LTD.		
ARCHITECT	PLUS ARCHITECTURE		
PROJECT	BALSCADDEN DEVELOPMENT, HOWTH, CO. DUBLIN		
TITLE	PROPOSED WATERMAIN LAYOUT		
DRAWN	DESIGNED	APPROVED	DATE
PJD	SDN	MD	JULY '21
SCALE	JOB NO.	DRG. NO.	REVISION
1:250 @ A1	21-032	P030	