

	G		Н	
BB		Existing 1500 uPVC Watermain		
Existing 1000 uPVC Water			Existing 1000 unvo viewennein	
DRE Wetermain		Existing Waterhair		
SV B	And a state of the	Neting 1000 UPVC Waterman		
	×			

WATERMAIN LEGEND				
	PROPOSED Ø100mm HDPE			
	EXISTING WATERMAIN			
	EXISTING WATERMAIN TO BE			
r⊗ ^{SV}	PROPOSED SLUICE VALVE			
н	PROPOSED HYDRANT			
н	EXISTING HYDRANT			
BB	BOUNDARY BOX WITH 1/2" C			
	PROPOSED HOUSE			
	EXISTING HOUSE TO BE REF			

		Project Title ST PATRICKS PARK RATHANGAN, CO. KILDARE Architect MCORM ARCHITECTS			Drawing Title WATERM Drawing Status PLANNIN	
Rev. Date Description	Ву	Date OCT 2022	By CB	Checked NM	Scale @ A1 1:500	Job No. 1668

NA	1		N	1	0	I	
Μ		WATERMAIN	NOTES		0		P
	1.	There are sur	mmary notes, refe				s for full notes and details. h Water publications take
		precedence. A	All discrepancies s	hould be reported	to POGA.		lves and hydrants with the
		Irish Water &	the Water Inspecto	or.	Ū		eveloper Services, Water
RMAIN		Infrastructure	latest standard de	tails.			and Commissioning) to a
		minimum pres site and the s	ssure of 10 Bars(1 subsequent test he	50psi). The time eld for a minimun	taken (t) to press n duration of 22t	sure the watermain lo	op should be measured on should <u>not</u> be topped up bmitted to project engineer
NOVED	5.	Anchor blocks		Type F concrete			dead ends, tees, bends of
	6.	All pipework s		y flushed out, ste	erilised with chlor	rine and then scoure	d and flushed out again in
	7.	Hydrant cover					lar areas. Hydrant never to
	8.		mains terminating		e connection to a	minimum of four pro	perties and a hydrant. See
ECTION	9.	Provide an of	,	stream of the p	•		ction 3.15.4 of Irish Water
	10.	Distribution W		laid in public are	as and be kept a	a minimum distance fi	rom existing structures and
		Services, Wa	ter Infrastructure s	tandard detail, S	TD-W11 & STD-\	W-12 respectively.	on and Service Developer a away from the kerb line,
		refer to 3.5.8		h Water Code o	f Practice. Wate	ermain 150mm diam	neter and smaller shall be
SHED	12.	Air valves sha	all be provided at a be jointed strictly in	ll summits on pip	elines of 110mm	(ID) Ø or greater.	
	14.	All pipes blue	in colour, be HDI	PE or MDPE for	25mm to 80mm	diameters & HDPE c	or Ductile Iron for minimum Omm internal diameters. An
		example is, 1	50 internal diamete	er watermain pip	e should be; 180	mm outside diameter	, SDR-17 and PE-100, this neter should be 125mmOD,
		SDR-17 and F	PE-100, this gives PE pipes to be be	and internal dia c			
	15. 15. 15.	1. Type PE	-100	•			
	15.3	3. Compliar	nce with to IS EN 1 Drainage and Sewo				
	15.4		nce with I.S. EN 12 e Under Pressure			Supply, Drainage and	d
	16. 16.	ALL PE pipes	shall also conforn Specification for t	n to the following	UK Water Indust		
	16.3	•	using PE80 and P - Specification for I		ng Machines		
	16.3		 Specification for potable was 			stems with an alumini	um
	16.4	Water Su	upplies	C C		is for use by Public	
		All Watermain	s greater than 600r n pipes to have mir	nimum 10 bar wo	king pressure ra	ting.	
		Services, Wa	ter Infrastructure s	tandard details.			tion and Service Developer
	20.	Air valve loca	tions to be accurat	ely set out at sun	nmit points on sit	e.	y a concrete anchor block.
		Developer Se	rvices, Water Infra to be a minimum (structure standa	rd details, STD-V	V-13.	t, Connection and Service
	23.	Depth of finish	ned ground to the o	outlet of the Hydr	ant not to be grea	ater than 350mm.	areas on the public side of
		the boundary, All materials	locations and type	e to be in constru ply with Irish W	cted in accordan	ce with standard deta	•
		MARKERS:	ale well is eveilebly	the eign shall be	fived to it at a l	ocation to be agreed	with the Architect
	2. 3.	Indicator post Hydrant Indica	s shall be construc ator plates shall be	ted with 10mm g canary yellow (E	rade C30/35 cor S 381 C) with bl	ncrete, reinforced with ack lettering to BS 32	i 6mmØ galvanised bars. 51.
		metal.	be bolted to posts	/walls with non-o	corrosive metal t	oolts, which shall be	compatible with the plate
		standard deta		uperseded all pro	eviously issued P	V-CDS-5020 for Wate OGA watermain deta ember 2017.	
		Drawing No.	Drawing Title				Rev
		STD-W-01 STD-W-02	Water service co Typical layout for			5	0 1
		STD-W-03 STD-W-04	Customer connec General pipe con	ction & boundary	box		3 3
		STD-W-05 STD-W-06	General pipe con General pipe con				2 2
		STD-W-07 STD-W-08	General pipe con General pipe con	nections (sheet 5	of 7)		1
		STD-W-09 STD-W-10	General pipe con General pipe con	nections (sheet 7	of 7)		1
		STD-W-11 STD-W-12	Typical service la Restrictions on w	ater infrastructur	e works adjacen	t to exisitng tress	1 2
		STD-W-12A STD-W-13	Restrictions on ne Trench backfill &	bedding			0 1
		STD-W-14 STD-W-15 STD-W-16	Sluice valve for d Sluice valve for p On-line hydrant for	olyethylene (P.E.) pipe (<350mm	dia.) (sheet 2 of 2)	3 2 2
		STD-W-17 STD-W-18	Off-line hydrant fo On-line hydrant fo	or ductile iron (D.	l.) pipe (sheet 2 d	of 4)	3
		STD-W-19 STD-W-20	Off-line hydrant fo On-line air valve	or polyethylene (I	P.E.) pipe (sheet	4 of 4)	3
		STD-W-21 STD-W-22	Off-line air valve On-line air valve	for ductile iron (D	.I.) pipe (sheet 2	of 4)	3
		STD-W-23 STD-W-24	Off-line air valve Pressure reducin	for polyethylene (P.E.) pipe (sheet	t 4 of 4)	3
		STD-W-25 STD-W-26	Booster pump sta Non Mech. Meter	ation arrangemen	t	,	1 3
		STD-W-26A STD-W-27	Meter chamber (Marker posts / pla	≤300mm dia.)	,		0
		STD-W-28 STD-W-29	Water main thrus Duct chamber		S		1
		STD-W-30 STD-W-30A	Scour chamber 8 Washout hydrant		gements		3
		STD-W-31 STD-W-32	Typical ditch / str Typical bridge cro	eam crossing for		2)	1
		STD-W-33 STD-W-34	Typical bridge cro Security gate & fe	ossing for water r	`	/	1 2
		STD-W-35 STD-W-36	Pipe repair to exi Telemetry and we	sting mains			2 2
		STD-W-37	Lamp bollard & la				1

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