














Reece
Irrigation
Design



irrigation
& pools

IRRIGATION SCHEDULE	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD R-VAN18 + 100MM POP-UP BODY
	RAIN BIRD 5004-PL-PC-R TURF ROTOR, 100MM POP-UP WITH PLASTIC RISER, ADJUSTABLE TO FULL CIRCLE, STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE.
	RAIN BIRD 5004-PL-PC-R TURF ROTOR, 100MM POP-UP WITH PLASTIC RISER, ADJUSTABLE TO FULL CIRCLE, STANDARD ANGLE NOZZLE, IN-STEM PRESSURE REGULATOR, AND FLOW SHUT-OFF DEVICE.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAINBIRD 25MM PGA CONTROL VALVE
	RAINBIRD 25MM PGA MASTER VALVE
	HOSE BIB
	MAINLINE ISOLATION VALVE
	IRRIGATION CONTROLLER
	BORE PUMP
	IRRIGATION PUMP-SET
	IRRIGATION LATERAL LINE: 25MM CLASS 12 PVC
	IRRIGATION MAINLINE: 40MM CLASS 12 PVC

IRRIGATION SYSTEM DUTY

60 L/MIN @ AN OPERATING PRESSURE OF 450 kPa

NOTE: A FLOW vs PRESSURE TEST MUST BE CONDUCTED PRIOR TO INSTALLATION COMMENCING TO ENSURE ABOVE SYSTEM DUTY IS MET. FAILURE TO DO SO MAY RESULT IN SYSTEM NOT FUNCTIONING AS INTENDED

DRAWING NOTES

THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE OTHER CONTRACT DOCUMENTS & ANY INSTRUCTIONS ISSUED DURING THE COURSE OF THE PROJECT. CONTRACTORS SHOULD VERIFY ALL DIMENSIONS AND LEVELS ON SITE PRIOR TO ANY COMMENCEMENT OF IRRIGATION WORKS. IF ANY DISCREPANCIES ARE FOUND, BRING THESE IMMEDIATELY TO THE ATTENTION OF THE IRRIGATION DESIGNER.

PRIOR TO COMMENCEMENT OF IRRIGATION WORKS, A FLOW TEST AND PRESSURE TEST SHOULD BE PERFORMED ON-SITE TO CONFIRM SYSTEM DUTY. IF SYSTEM DUTY IS NOT REACHED, A RE-DESIGN MAY BE REQUIRED.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND SERVICES PRIOR TO COMMENCING ANY EXCAVATION WITH ALL RELEVANT AUTHORITIES.


DISTANCES BETWEEN OUTLETS, VALVES, FITTINGS & THE LIKE ARE INDICATIVE ONLY AND MAY BE ALTERED BY THE CONTRACTOR / INSTALLER AT THEIR DISCRETION.

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DRAWING:		044588-IR-A (FA)	
STAGE:		PRELIMINARY ISSUE	
TITLE:		IRRIGATION SYSTEM LAYOUT	
CUSTOMER:		REECE IRRIGATION & POOLS CUSTOMER	
PROJECT:		RESIDENTIAL PROJECT	

0 1 2 3 4 5 7.5 10 15 20

SCALE: 1:200 @ A1 - 1:400 @ A3



REV:	A	D			
DRAWN:	TK	C			
CHECKED:	ID	B			
SHEET:	IR101	A	28.05.22	PRELIMINARY DRAWING ISSUED	TK
DATE:	MAY 2022	REV.	DATE	DESCRIPTION	BY