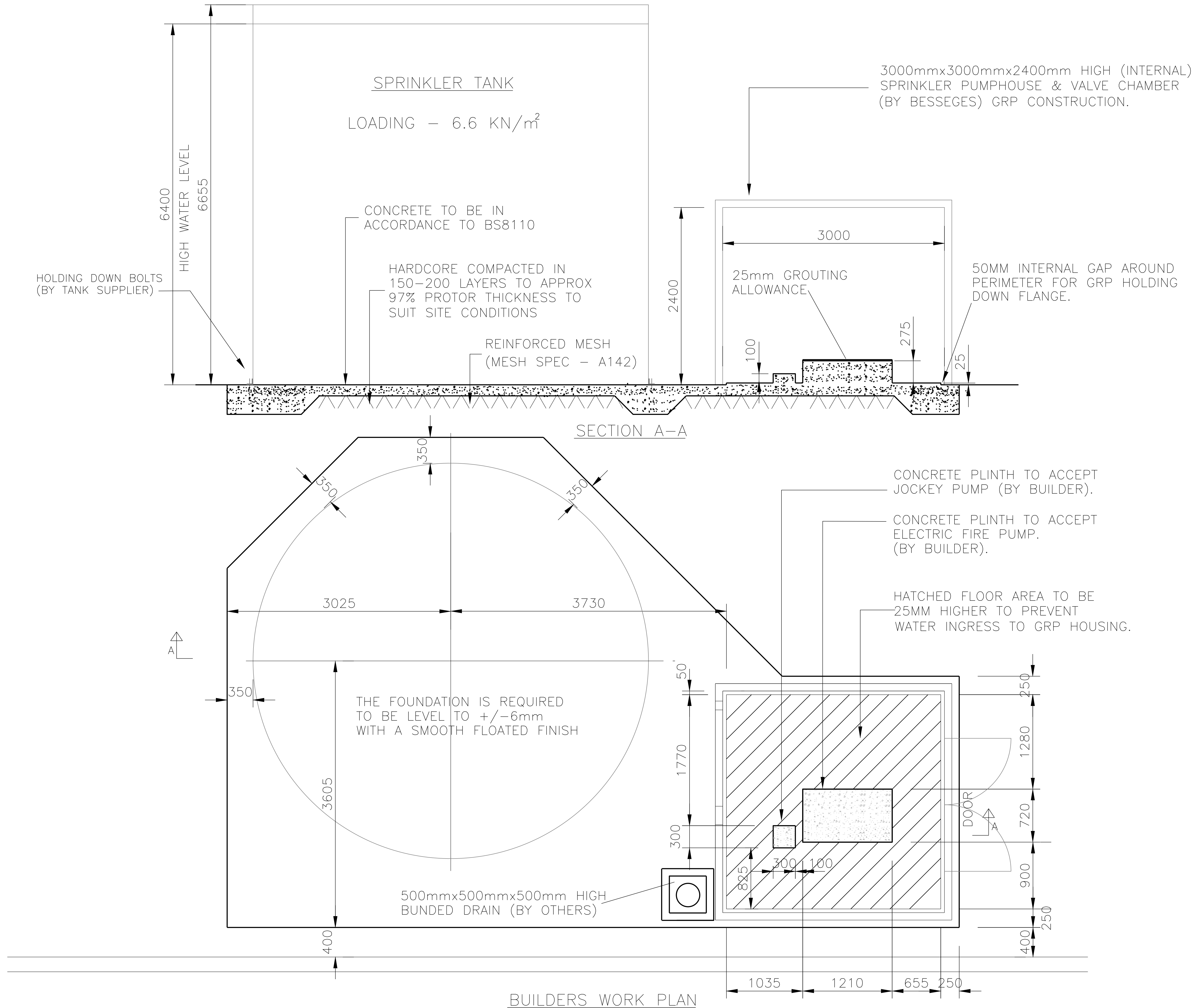




WARNING CONTROLS, PROJECTORS, SPRAYERS AND SPRINKLERS MUST NOT BE PAINTED.		
TO THE ERECTOR SPRINKLER PIPES MUST BE LAID TO THE FOLLOWING MINIMUM SLOPES:- WET PIPE SYSTEMS: 2mm in 1 METRE DRY AND ALTERNATE WET PIPE SYSTEMS PIPE DIAMETER 50mm AND ABOVE - 4mm in 1 METRE PIPE DIAMETER LESS THAN 50mm - 12mm in 1 METRE TO THE CLIENT BESSEGES LTD DO NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGE CAUSED BY FROST. CLIENTS SHOULD TAKE ADEQUATE PRECAUTIONS AGAINST THE WATER IN THE VALVES & PIPEWORK ABOVE & BELOW THE VALVES FREEZING. HOLES IN WALLS, PARTITIONS, & CEILINGS THROUGH WHICH PIPES PASS MUST NOT BE FILLED IN WITH MATERIALS WHICH HAVE A DELETERIOUS EFFECT. CONTROL VALVES SHOULD NOT BE SUBJECTED TO A TEMPERATURE ABOVE 65° PIPES, SCAFFOLDING OR ANY OTHER ITEMS OF PLANT MUST NOT BE ATTACHED TO OR SUPPORTED FROM ANY PART OF THE FIRE PROTECTION EQUIPMENT. BESSEGES LTD DO NOT ACCEPT RESPONSIBILITY FOR DESIGN & CONSTRUCTION OF THRUST BLOCKS OR ANCHOR POINTS FOR UNDERGROUND MAINS. SUITABLE DRAINAGE FACILITIES MUST BE PROVIDED BY CLIENTS AT TEST VALVE & OTHER LOCATIONS TO ACCEPT PERIODIC TEST DISCHARGES.		
1 BRACKET REGULATIONS FOR ERECTION UP TO 50MM 4.0m MAX SPACINGS 65MM - 250MM 6.0m MAX SPACINGS* * PROVIDED TWO INDEPENDANT SUPPORTS ARE FITTED DIRECTLY TO THE STRUCTURE. AND A SUPPORT IS USED WHICH IS CAPABLE OF BEARING A LOAD 50% GREATER THAN THAT CALLED FOR IN TABLE 40 OF EN12845. 2 WHERE GROOVED MECHANICAL JOINTS ARE USED THE FOLLOWING MUST BE ADHERED TO:- THERE SHALL BE AT LEAST ONE PIPE SUPPORT WITHIN 1.0M OF EACH JOINT. THERE SHALL BE AT LEAST ONE INDEPENDANT PIPE SUPPORT ON EACH PIPE. 3 THE MINIMUM DISTANCE BETWEEN ANY UPRIGHT SPRINKLER AND PIPE SUPPORT IS 150MM. 4 THE DISTANCE FROM THE LAST PIPE SUPPORT TO THE END OF THE RANGE PIPE SHALL NOT EXCEED THE FOLLOWING:- 900MM FOR 25MM PIPING & 1200MM FOR PIPING GREATER THAN 25MM.		
DESIGN SPECIFICATION BS EN12845 LPC RULES		
WATER SUPPLIES – EQUIPMENT SCHEDULE		
ARMSTRONG ELECTRICALLY DRIVEN FIRE PUMP 1		
PUMP DUTY:	2250L/MIN @ 1.4 BAR	
PUMP MODEL NUMBER	4X3X8.5 -15.0KW	
SERIAL NUMBER	T.B.A	
ARMSTRONG JOCKEY PUMP		
PUMP MODEL NUMBER	VMS2-9B 0.75KW	
SERIAL NUMBER	T.B.A	
FRANKLIN HODGE SPRINKLER TANK		
EFFECTIVE CAPACITY	138M3 (FULL CAPACITY)	
MIN RATE OF INFILL REQUIRED	62.50 LITRES/MIN	
INSTALLATION CONTROL VALVES	150MM RAPIDROP MODEL E	
No1 INSTALLATION ALARM VALVE SERIAL No	T.B.A	

BESSEGES LTD (FIRE ENGINEERING DIVISION) DUKINFIELD, CHESHIRE. 0161 - 308 - 3252			
 Assessed to ISO 9001 Certificate No 971	 L.P.C.B. CERTIFIED INSTALLERS	 LPS 1088 - 1 Approved Sprinkler Contractor Certificate No ASC - 041	
AUTOMATIC SPRINKLER PROTECTION			
PROJECT			
HOME BARGAINS STORE PENTREBACH RETAIL PARK MERTHYR TYDFIL			
TITLE			
BUILDERS WORK ASSOCIATED WITH SPRINKLER PUMPED WATER SUPPLIES			
DRAWING NUMBER	REVISION	DRAWN BY	K. DAVENPORT
A1.PH.C.14227.02	P1	SCALE	1-25 (A1)
		DATE	9.02.2022
		CHECKED BY	M. WILLOCKS