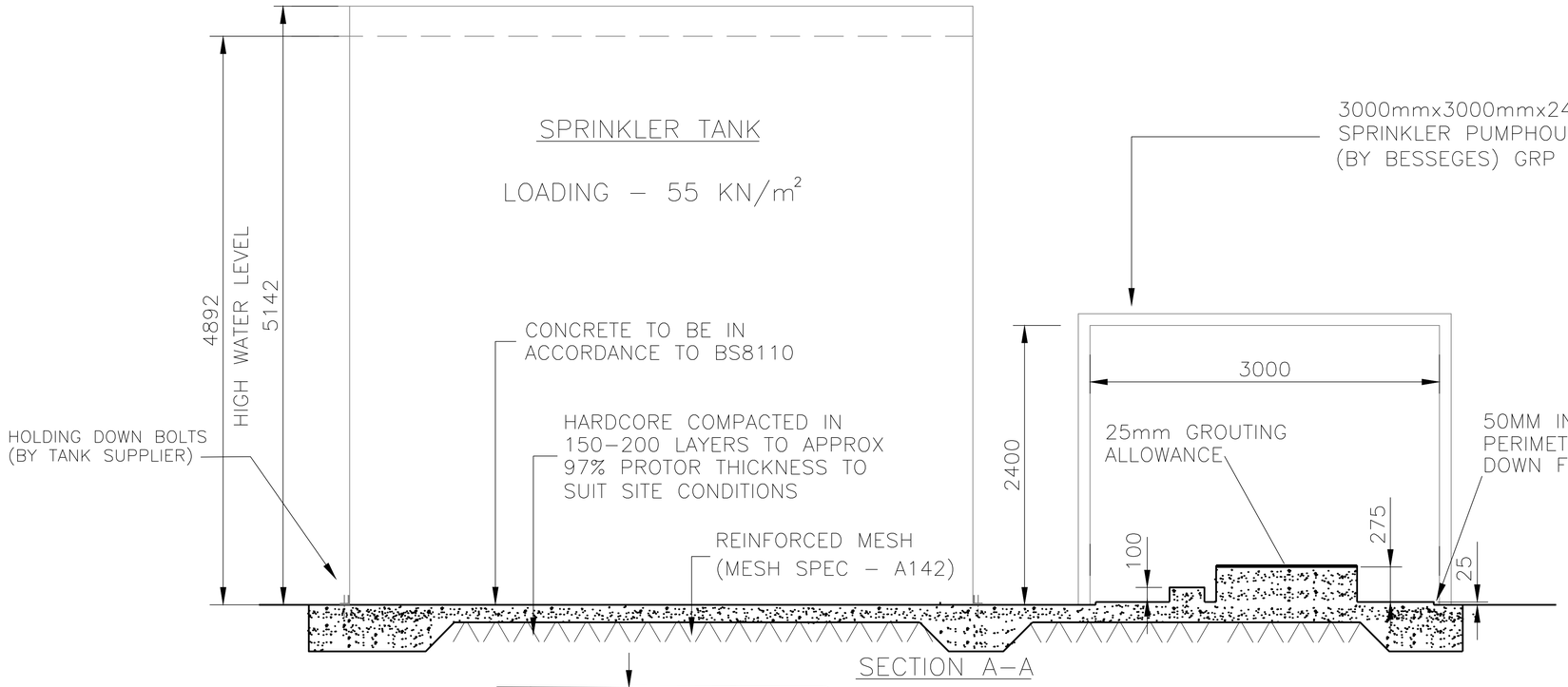
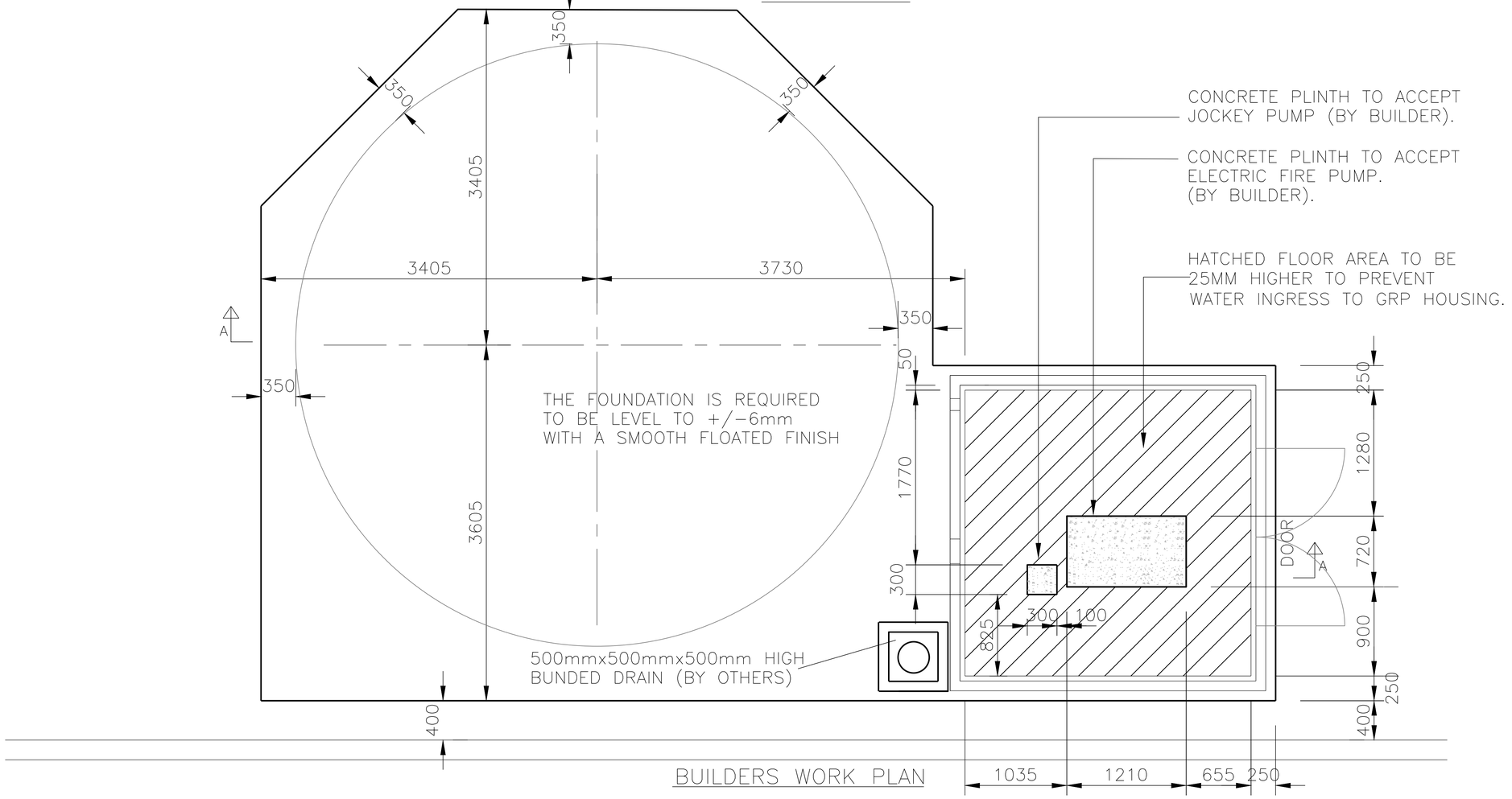




BUILDERS WORK PLAN

WARNING
CONTROLS, PROJECTERS, 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°C 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 4Q OF EN12845.

2 WHERE GROOVED MECHANICAL JOINTS ARE USED THE FOLLOWING MUST BE ADHEARED 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	135M3 (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

REVISION	DETAILS	DRAWN BY	CHECKED BY	DATE
P1	PRELIMINARY DESIGN PROPOSALS	KD	MW	9.02.22
P2	SPRINKLER WATER STORAGE TANK REDUCED IN HEIGHT & FOUNDATION DETAIL MODIFIED TO SUIT.	KD	MW	27.05.22

BESSEGES LTD
(FIRE ENGINEERING DIVISION)
DUKINFIELD, CHESHIRE. 0161 - 308 - 3252

Assessed to ISO 9001 Certificate No 071

L.P.C.B CERTIFIED INSTALLERS

LPS 1048 : 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	P2	SCALE	1–25 (A1)
		DATE	9.02.2022
		CHECKED BY	M. WILLOCKS