

- NOTES
1. THIS IS A PRE APPLICATION INFORMATION DRAWING AND SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES.

2. DO NOT SCALE OFF THIS DRAWING.

3. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMPLETING SHOP DRAWINGS AND SETTING OUT WORK

4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION AND ASSOCIATED EQUIPMENT SCHEDULES.

5. FOR FIRE COMPARTMENTATION DETAILS SEE DRAWING: SP08

6. FOR BRACKET FIXING DETAILS SEE DRAWING: SP07

- LEGEND:
- SPRINKLER PIPEWORK

SPRINKLER - PENDANT

A

CLAMPED SINGLE BRACKET PIPE SUPPORT

A

CLAMPED DOUBLE BRACKET PIPE SUPPORT

B

DRILLED SINGLE BRACKET PIPE SUPPORT

B

DRILLED DOUBLE BRACKET PIPE SUPPORT

Revision				
T1	09.07.20	TENDER ISSUE	SD	SD
Rev	Date	Description	Chk'd	App'd
Client				



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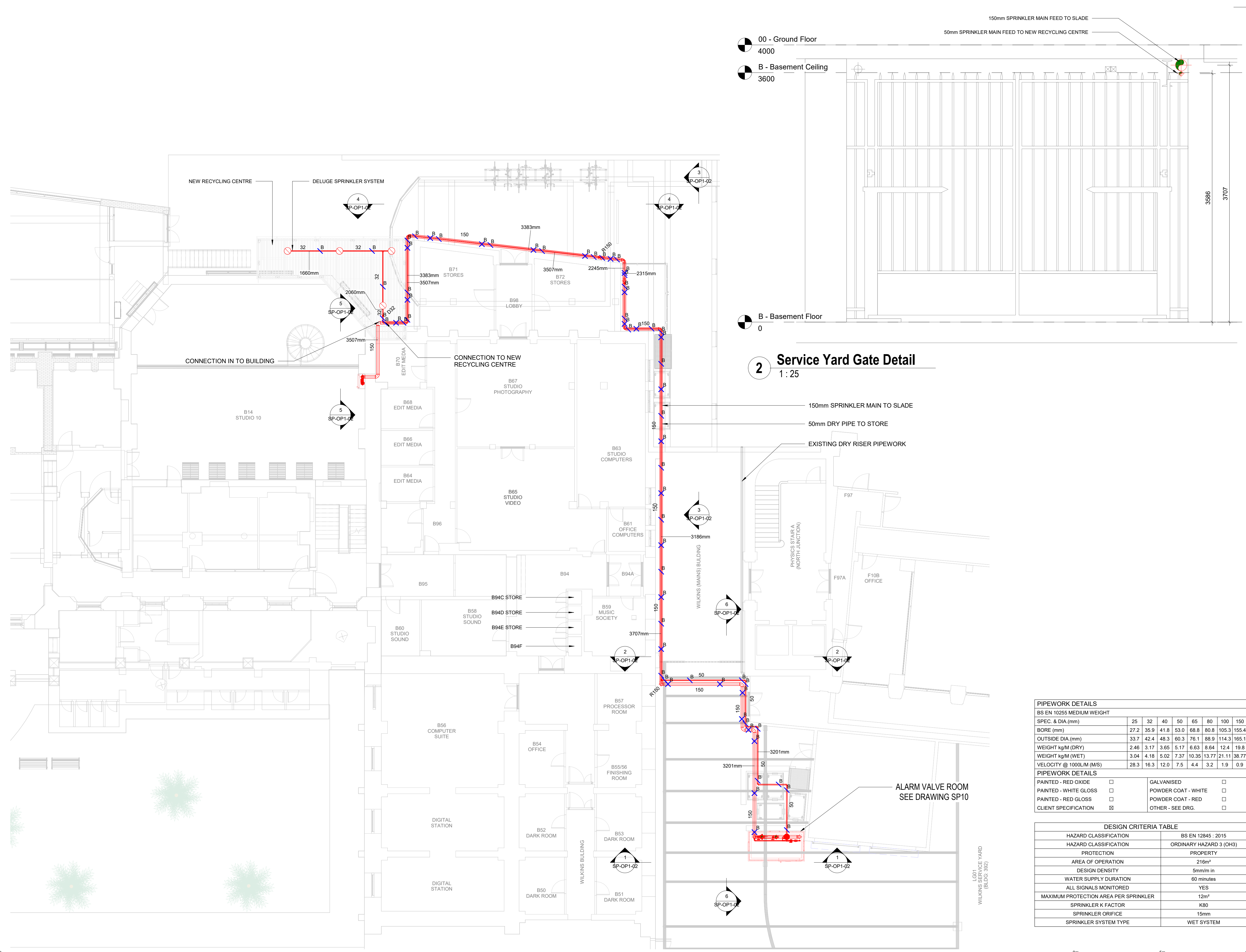
Project

UNIVERSITY COLLEGE LONDON
SLADE SCHOOL OF ART
SPRINKLER INSTALLATION

Drawing

SERVICE YARD TO SLADE
SPRINKLER PIPEWORK
ROUTE
SHEET 1 OF 2

Scale @ A1	As indicated	CAD Ref. File Path	C:\Olb\as Files\Osborn\1955-1959\1955 UCL Slade School of Art\Drawings
Drawn	HS	Chk'd/App'd	SD/SD
Job No.	1955	Dwg No.	SP-OP1-01
		Rev	T1
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- 00 - Ground Floor
4000
- B - Basement Ceiling
3600

- B - Basement Floor
0

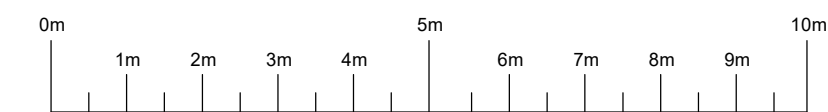
2 Service Yard Gate Detail

1 : 25

- 150mm SPRINKLER MAIN TO SLADE
- 50mm DRY PIPE TO STORE
- EXISTING DRY RISER PIPEWORK

PIPEWORK DETAILS								
BS EN 10255 MEDIUM WEIGHT								
SPEC. & DIA.(mm)	25	32	40	50	65	80	100	150
BORE (mm)	27.2	35.9	41.8	53.0	68.8	80.8	105.3	155.4
OUTSIDE DIA.(mm)	33.7	42.4	48.3	60.3	76.1	88.9	114.3	165.1
WEIGHT kg/M (DRY)	2.46	3.17	3.65	5.17	6.63	8.64	12.4	19.8
WEIGHT kg/M (WET)	3.04	4.18	5.02	7.37	10.35	13.77	21.11	38.77
VELOCITY @ 1000L/M (M/S)	28.3	16.3	12.0	7.5	4.4	3.2	1.9	0.9
PIPEWORK DETAILS								
PAINTED - RED OXIDE	☐		GALVANISED		☐			
PAINTED - WHITE GLOSS	☐		POWDER COAT - WHITE		☐			
PAINTED - RED GLOSS	☐		POWDER COAT - RED		☐			
CLIENT SPECIFICATION	☒		OTHER - SEE DRG.		☐			

DESIGN CRITERIA TABLE	
HAZARD CLASSIFICATION	BS EN 12845 : 2015
HAZARD CLASSIFICATION	ORDINARY HAZARD 3 (OH3)
PROTECTION	PROPERTY
AREA OF OPERATION	216m²
DESIGN DENSITY	5mm/m in
WATER SUPPLY DURATION	60 minutes
ALL SIGNALS MONITORED	YES
MAXIMUM PROTECTION AREA PER SPRINKLER	12m²
SPRINKLER K FACTOR	K80
SPRINKLER ORIFICE	15mm
SPRINKLER SYSTEM TYPE	WET SYSTEM



SCALE 1:100 @ A1

1 AV Room to Slade Sprinkler Main & New Recycling Centre Layout

1 : 100