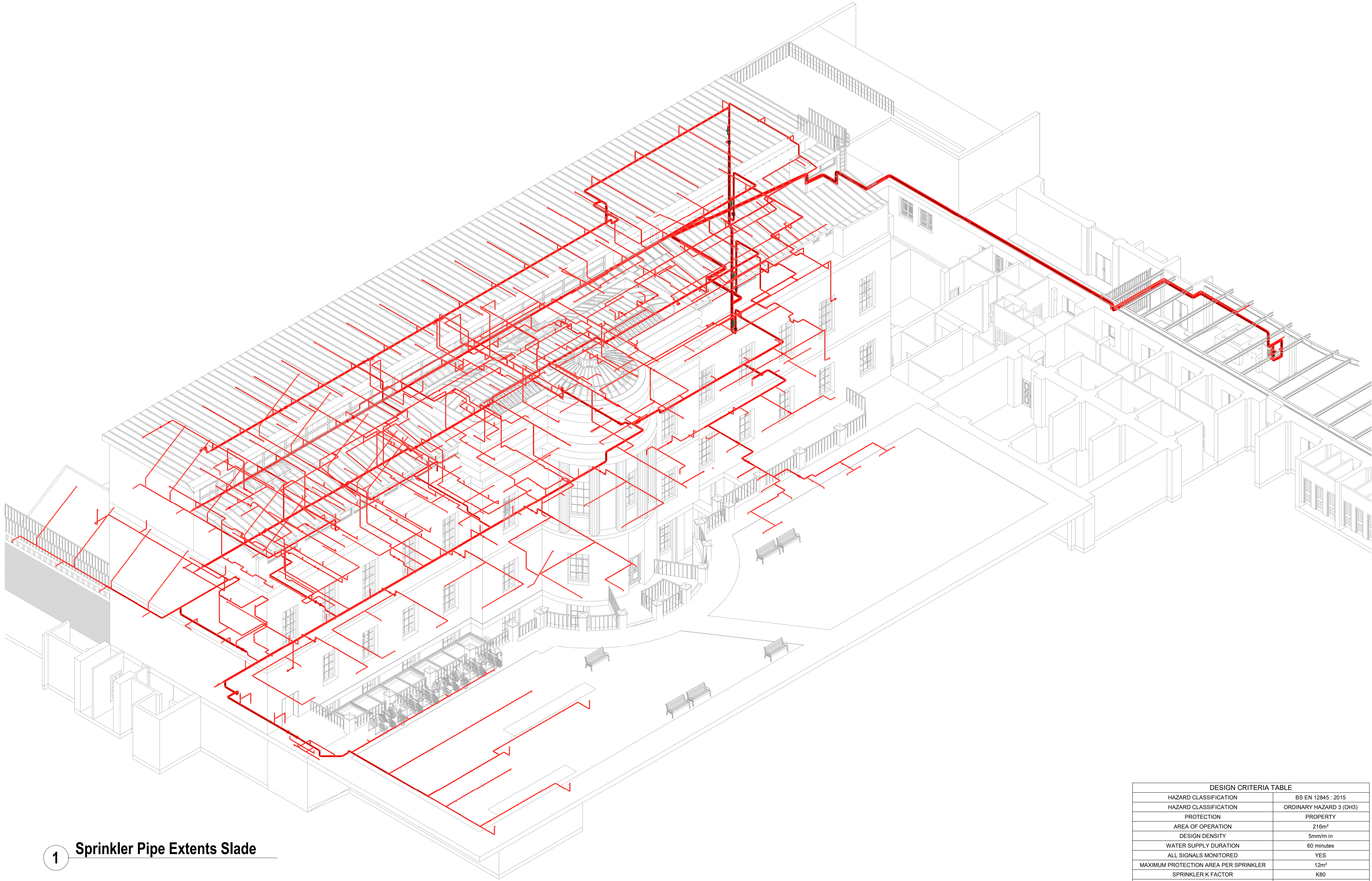


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1 Sprinkler Pipe Extents Slade



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

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	<input type="checkbox"/>				GALVANISED				<input type="checkbox"/>		
PAINTED - WHITE GLOSS	<input type="checkbox"/>				POWDER COAT - WHITE				<input type="checkbox"/>		
PAINTED - RED GLOSS	<input type="checkbox"/>				POWDER COAT - RED				<input type="checkbox"/>		
CLIENT SPECIFICATION	<input checked="" type="checkbox"/>				OTHER - SEE DRG.				<input type="checkbox"/>		

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.

LEGEND:

SPRINKLER PIPEWORK

Site Plan

Revision

T109.07.20TENDER ISSUESDSD

RevDateDescriptionChk'dApp'd

Client

UCL

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Project
UNIVERSITY COLLEGE LONDON
SLADE SCHOOL OF ART
SPRINKLER INSTALLATION

Drawing
SPRINKLER PIPE EXTENTS
SLADE SCHOOL OF ART
3D VIEW

Scale
@ A1As indicated

CAD Ref.
File PathC:\Osa Files\Osborn\1955-1958\1955
UCL Slade School of Art\Drawings

Drawn
HS

Chkd/App'd
SD/SD

Date
JULY.20

Job No.
1955

Drg No.
SP09

Rev
T1

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