



**SCHEDULE OF BUILDERS WORK AND
ATTENDANCE (PROVISIONAL)**

for the

MECHANICAL SERVICES INSTALLATION

at

**THE COOMBE WOMEN'S AND INFANTS
UNIVERSITY HOSPITAL**

AUGUST 2026

LINKED PRACTICES

VARMING CONSULTING ENGINEERS LTD. ARE LINKED TO
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This Schedule of Builders Work and Attendance (Provisional) is intended to identify items that would not generally be indicated on Architectural, Structural or Services Drawings. Details of plant rooms, major opes through structural walls, vertical distribution ducts, underground services ducts and such are **not** itemised and should be measured from the relevant drawings.

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1. GENERAL ATTENDANCE:

Description	Unit	Quantity
1.1. Provide General Attendance in accordance with ARM4: -	Item	-
1.1.1. Use of Main Contractor's temporary roads and hardstandings.	Item	-
1.1.2. Use of Main Contractor's standing scaffolding.	Item	-
1.1.3. Use of Main Contractor's standing power operated hoisting plant.	Item	-
1.1.4. Provision of temporary lighting and water supplies.	Item	-
1.1.5. Clearing away and disposal of rubbish.	Item	-
1.1.6. Provision of space for the Contractor's own offices and storage of plant and materials.	Item	-
1.1.7. Use of Main Contractor's messrooms, sanitary accommodation and welfare facilities.	Item	-

2. SPECIAL ATTENDANCE:

Description	Unit	Quantity
2.1. Provide Special Attendance in accordance with ARM4 Work Section B Clause 3.1: -		
2.1.1. (a) Provide temporary access roads and hardstanding in connection with heavy items of plant and the like, as follows:-		
N/A	Item	-

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Description				Unit	Quantity
2.1.2. Provide weatherproof covered storage and accommodation, including lighting power heating ventilation water and drainage services thereto, all as follows: -					
N/A				Item	-
2.1.3. Unload, hoist distribute, and place in position the following items of plant and equipment: -					
Item	Size (mxmxm) (Approx)	Weight (Kg) (Approx)	Hoist (m) (Approx)		
Packaged plantroom panels	2500 x 1200 x 100	45	2	No.	15
Booster Pump Set	1500 x 750 x 750	75	2	No.	1
2.1.4. Provide temporary power supplies for welding, handtools and for commissioning, including infrastructure and all charges for the contractor's use of the facility.					
2.1.5. Provide special scaffolding or scaffolding additional to the Main Contractor's standing scaffolding, as follows:				Item	-
2.1.6. Provide and maintain the following specific temperatures and humidity levels: -					
N/A				Item	-
Provide the further Special Attendance as follows: -					
N/A				Item	-

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3. PIPE DISTRIBUTION SYSTEM:

Description	Unit	Quantity
3.1. Include for forming or cutting opes in internal concrete partition walls for piped services, casting in pipe sleeves supplied free issue by the Mechanical Contractor, and for making good. Nominal size:-		
≤ 55 mm bore	No.	-
55 – 110 mm bore	No.	6
≥ 110 mm bore	No.	-
3.2. Include for forming or cutting opes in concrete floor slabs for piped services, casting in pipe sleeves supplied free issue by the Mechanical Contractor, and for making good. Nominal size:-		
≤ 55 mm bore	No.	-
55 – 110 mm bore	No.	-
≥ 110 mm bore	No.	-
3.3. Include for forming or cutting chases in internal concrete partition walls for piped services (below ceilings) and making good following the installation and testing of services. Nominal size:-		
≤ 25 mm bore	m	-
3.4. Allow for painting the following exposed pipework. Nominal size:-		
≤ 32 mm bore	m	-
32 – 50 mm bore	m	-
50 – 100 mm bore	m	-
3.5. Include for forming chases in the ground floor slab, fitting covers following the installation and testing of pipework by the Mechanical Contractor, and for making good. Nominal size:-		
150 mm x 150 mm	m	-
200 mm x 150 mm	m	-

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Description	Unit	Quantity
3.6. Include for supplying and building in the following puddle flanges in concrete walls (exact location information and pipe specifications to be provided by the Mechanical Contractor at construction stage). Pipe material and nominal size:-		
<u>Copper Tube</u>		
15 mm bore	No.	-
22 mm bore	No.	-
28 mm bore	No.	-
35 mm bore	No.	-
42 mm bore	No.	-
54 mm bore	No.	-
67 mm bore	No.	-
76 mm bore	No.	-
108 mm bore	No.	-
<u>MS Tube</u>		
15 mm bore	No.	-
20 mm bore	No.	-
25 mm bore	No.	-
32 mm bore	No.	-
40 mm bore	No.	-
50 mm bore	No.	-
65 mm bore	No.	-
80 mm bore	No.	-
100 mm bore	No.	-

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Description		Unit	Quantity		
	125 mm bore	No.	-		
	150 mm bore	No.	-		
	200 mm bore	No.	-		
	250 mm bore	No.	-		
	300 mm bore	No.	-		
3.7.	Allow for boxing in (to Architects details) the following horizontal and vertical pipes:-				
	<u>No. of pipes</u>	<u>Nominal bore</u>			
	1	≤ 32 mm	m	-	
	1	32 – 50 mm	m	-	
	2	≤ 32 mm	m	-	
	2	32 – 50 mm	m	-	
	4	≤ 32 mm	m	-	
	4	32 – 50 mm	m	-	
3.8.	Include for forming opes in the roof structure for vent and overflow pipes, trimming and making good, and forming weathering upstands. Nominal size:-				
	≤ 50 mm bore	No.	-		
	50 – 100 mm bore	No.	-		
3.9.	Provide and fit colour identification markers to ceiling tiles to mark the location of isolating devices within the ceiling voids.			No.	-

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4. DUCTWORK DISTRIBUTION SYSTEMS:

Description	Unit	Quantity
4.1. Include for forming or cutting opes in internal concrete partition walls for rectangular ductwork above ceilings and for making good. Nominal size:-		
Girth $\leq$ 1.00m	No.	-
Girth 1.00 – 2.00m	No.	-
4.2. Include for forming or cutting opes in internal concrete partition walls for rectangular ductwork below ceilings and for making good. Nominal size:-		
Girth $\leq$ 1.00m	No.	-
Girth 1.00 – 2.00m	No.	-
4.3. Include for forming opes for ductwork fire dampers in fire compartment walls and for building in fire dampers installed by the Mechanical Contractor. Nominal size:-		
Girth $\leq$ 1.00m	No.	-
Girth 1.00 – 2.00m	No.	-
4.4. Allow for forming opes in concrete roof slabs for ductwork passing through the slab, including also for forming upstands and for weathering the upstands. (Weather aprons over the upstands will be supplied and fitted by the Mechanical Contractor). Nominal size:-		
Girth $\leq$ 1.00m	No.	-
Girth 1.00 – 2.00m	No.	-
4.5. Include for forming access panels in plastered ceilings for ongoing access to services. Nominal size:-		
.....mm xmm	No.	-

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Description	Unit	Quantity
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5. PLANT AND EQUIPMENT:

Description	Unit	Quantity
5.1. Include for forming concrete plinths/bases in plantrooms to the Structural Engineers details for plant and equipment. Nominal size:- 4500 mm x 5000 mm plinth to support packaged plantroom total weight of aprox. 10,000 kgs (wet)	No.	1
5.2. Include for forming concrete plinths/bases for plant and equipment externally at roof level to the Structural Engineers details. Nominal size:- N/A	No.	-
5.3. Allow for forming opes in concrete roof slab- for external roof-mounted fans, including also for forming upstands to the Structural Engineers details and for weathering the upstands. (Weather aprons to the upstands will be supplied with the fans). Nominal size:- Girth $\leq$ 1.00m Girth 1.00 – 2.00m	No. No.	- -

6. TERMINAL UNITS:

Description	Unit	Quantity
6.1. Allow for trimming and making good ceiling tiles around ventilation supply and extract grilles. Nominal grille size:- mm xmm	No.	-
6.2. Allow for trimming and making good plastered ceilings around ventilation supply and extract grilles – Nominal grille size:- mm xmm	No.	-

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Description	Unit	Quantity
6.3. Include for painting steel panel radiators, to the Architect's specification (radiators supplied with a priming paint finish).	m ²	-
6.4. Include for fitting door ventilation grilles, including cutting out and making good. (Grilles supplied and handed over free issue by the Mechanical Contractor) – Nominal size:- mm xmm	No.	-
6.5. Include for building in the external ventilation louvres as shown on the Architects and Services drawings and scheduled in the Services Specification. (Louvres supplied free issue by the Mechanical Contractor).	Item.	-
6.6. Include for forming opes in the external walls and building in dry/wet riser inlet boxes (refer to drawings for locations) supplied free issue by the Mechanical Contractor. Nominal size:- mm xmm xmm deep	No.	-
6.7. Include for forming opes in internal concrete walls and building in dry/wet riser outlet boxes (refer to drawings for locations) supplied free issue by the Mechanical Contractor. Nominal size:- mm xmm xmm deep	No.	-
6.8. Allow for building in and making good fire hose reel cabinet sub-frames (refer to drawings for locations) supplied free issue by the Mechanical Contractor. Nominal size: mm xmm xmm deep	No.	-
6.9. Allow for forming opes in internal concrete walls and building in fire hose reel outlet boxes (refer to drawings for locations) supplied free issue by the Mechanical Contractor. Nominal size:- mm xmm xmm deep	No.	-

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7. EXTERNAL WORKS:

Description	Unit	Quantity
7.1. Include for opening trenches (approx. 900 mm deep x 1500 mm wide) for the underground MWS and DHW shown on the services drawings, including forming sand bed and concrete haunches to SDR11 polyethylene pipework. Allow also for backfilling and making good following the installation and testing of the system by the Mechanical Contractor	m2	15
7.2. Include for opening trenches (approx. 900 mm deep x 1500 mm wide) for the underground DHW shown on the services drawings, including forming sand bed and concrete haunches to SDR11 polyethylene pipework. Allow also for backfilling and making good following the installation and testing of the system by the Mechanical Contractor	m2	35
7.3. Include for forming below ground concrete chambers for fire hydrants, to the Structural Engineers details, at the locations shown on the services drawings, including the building in of covers supplied free issue by the Mechanical Contractor.	No.	-
7.4. Include for opening trenches (approx. 900 mm deep x 1000 mm wide) for gas pipework shown on the services drawings, including forming sand bed and concrete haunches to polyethylene pipework. Allow also for backfilling (including supplying and fitting identification markers) and for making good following the installation and testing of the system by the Mechanical Contractor.	m	-
7.5. Include for forming concrete valve chambers, to the Structural Engineers details, for access to isolating valves on underground pipework, including the provision of access covers.	No.	-

8. ABOVE GROUND DRAINAGE (EXCLUDING RAINWATER):

Description	Unit	Quantity
8.1. Provide all upstand connections to below ground drainage at ground floor level as shown on the Architects and services drawings. Nominal size:-		
100mm bore	No.	-

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	Description	Unit	Quantity
	150mm bore	No.	-
8.2.	Provide and build in gullies in ground floor slab connected to the below ground drainage system as shown on Architects and services drawings. Nominal size:-		
	100mm bore	No.	-
	150mm bore	No.	-
8.3.	Allow for forming opes in intermediate floor slabs for drains and for building floor gullies supplied free issue by the Mechanical Contractor. Nominal size:-		
	100mm bore	No.	-
	150mm bore	No.	-
8.4.	Allow for forming opes in the ground floor slab for drainage channels and for building in sub-frames for the channels supplied free issue by the Mechanical Contractor. Nominal size:-		
	mm xmm	No.	-
	mm xmm	No.	-
8.5.	Allow for forming opes in intermediate floor slabs for drainage channels and for building in sub frames for the channels supplied free issue by the Mechanical Contractor. Nominal size:-		
	mm xmm	No.	-
	mm xmm	No.	-
8.6.	Allow for forming opes in internal concrete partition walls for soils and waste pipes and make good. Nominal size:-		
	≤50 mm bore	No.	-
	50 – 100 mm bore	No.	-
	100 – 150 mm bore	No.	-

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Description		Unit	Quantity
8.7.	Allow for forming opes in the roof slab for sanitary drainage vent pipes and provide weathering upstands. Nominal size:-		
	100mm bore	No.	-
	150mm bore	No.	-
8.8.	Allow for forming opes in the roof structure for sanitary drainage vent pipes and overflows, trim and make good, and provide weathering upstands. Nominal size:-		
	100mm bore	No.	-
	150mm bore	No.	-
8.9.	Allow for forming opes in fire compartment walls, building in and fire stopping sleeves to sanitary pipes. Nominal size:-		
	150 mm bore	No.	-
8.10.	Allow for forming opes in external walls for sanitary ware overflows and making good. Nominal size:-		
	≤50 mm bore	No.	-
8.11.	Include for boxing in the following horizontal and vertical sanitary ware pipework to Architects details. Nominal size:-		
	≤ 50 mm bore	No.	-
	50 – 100 mm bore	No.	-
8.12.	Provide access panels in plastered ceilings for access to rodding eyes on sanitary pipework. Nominal size:-		
	mm xmm	No.	-

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9. WATERPROOFING / TANKING – PLANTROOMS:

Description	Unit	Quantity
9.1. Provide all plantrooms with waterproof tanking and drains to Architect details	No.	-

10. BUILDING AIR LEAKAGE:

Description	Unit	Quantity
10.1. Provide for compliance of Building with CIBSE Technical Memorandum TM 23:2000	No.	-