



- Notes:
- This drawing shall be read in conjunction with all relevant Mechanical, Electrical, Public Health, Architectural and Structural drawings and all other schedules and relevant documentation.
 - The MEP services drawings should not be scaled and all dimensional setting out of furniture fittings and equipment shall be taken from the architectural drawings.
 - The complete services installation shall fully comply with the fire compartmentation requirements as shown on the fire engineering drawings - by Architects.
 - Access panels will be provided in fixed non-dismountable ceilings for maintenance purposes. The access panel will be of sufficient size to allow the removal of any component without further disturbing the ceiling upon satisfaction of the client. Any access panels in front of house spaces shall be discussed and approved by Purcell.
 - All distribution services passing through walls and slabs which are not designated as fire compartment walls shall be acoustically sealed at the wall and slabs to meet the acoustic separation specification of the wall/partition/slab.
 - The minimum fire resistance rating of the fire resistance panel (FRP) for the enclosure of the services such as pipework, ductwork, equipment, electrical works, CE etc. shall be the same fire resisting period as the serviced compartment or the containing compartment whichever is higher.
 - Automatic air vents shall be fitted in the chilled water circulation circuit at such location as indicated or determined by the actual site condition to eliminate accumulation of air within the system. Manual air vents shall also be provided with extended drain pipes to the nearest accessible drain points of all pipe risers and at the high points of all horizontal pipework.
 - All condensate drain pipes shall be 28 mm copper and led to 1-100 fall as a minimum unless otherwise specified.
 - Unless otherwise stated, the size of condensate drain pipes for each air handling unit will be 32 mm copper CWI insulation.
 - Dirt pockets with 25mm drain valves and water tight removable caps shall be provided at the lowest points of all pipe risers.
 - Condensate pipework from air handling units/ fan coil units/ split systems indoor units will be collected by a dedicated condensate drain system and taken to appropriate building drainage system. The condensate pipe shall be insulated up to the building drainage system.
 - Tees shall be used on all bends in condensate pipe runs to facilitate easy cleaning.
 - Gauge cocks shall be provided on all gauges in CHW / LTHW pipework.
 - Drain cocks shall be provided at all low points in CHW / LTHW pipework.
 - Commissioning valve sets shall be of combined double regulation valve type with the fixed orifice coupled to upstream side of the double regulation valve unless otherwise indicated on drawings. When line size is above 100mm, butterfly valves shall be used in place of double regulating type. These shall be provided where necessary to facilitate water balancing.
 - Final connections to fan coil units shall be in copper tube with union to enable each unit to be disconnected without undue inconvenience. The copper tube shall be no greater than 2m in length. A 28 mm copper condensate pipe to each FCU, will be provided.
 - All pipework bends shall be long radius.
 - TC is a temperature controller with in built temperature sensor & touchscreen to allow the user locally adjust the temperature.

T01	13/01/20	RG	VM	VM
Stage 4 - Addendum				
T00	27/09/19	RG	VM	VM
Stage 4 - Tender Issue				
P01	30/04/19	AN	VM	VM
Stage 3 update following design review				
P00	20/03/19	AN	VM	VM
Stage 3 Issue				
Rev	Date	By	Chk	Appd

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Client
Lendlease

Project Title
Camden Town Hall

Drawing Title
**Mechanical Services
LTHW & CHW
Level 02**

Scale of A0
1 : 100

Rev
Mechanical Services

Subsidiary
S4 - Suitable For Stage Approval

Appr Job No
261250

Rev
T01

Name
CTH-ARP-L02-DR-55-M-1500