

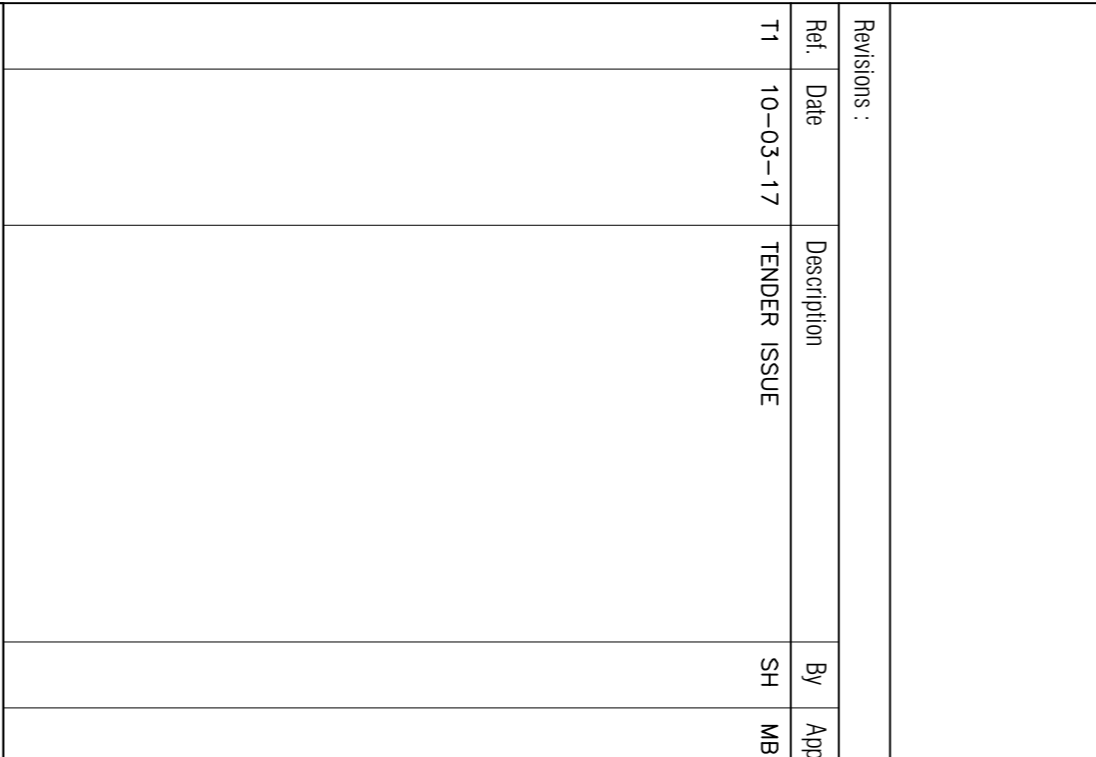
Notes: THIS DRAWING INDICATES ENGINEERING SERVICES THAT WILL TAKE PLACE ON THE THIRD FLOOR. THE WORK IS NOT TO BE ACCURATELY REPRESENTED BY THIS DETAIL. THE WORK IS TO BE USED FOR INSTALLATION PURPOSES.

Legend:

- EXISTING PREFORM WITHIN FLOOR VOID
- - - NEW PREFORM WITHIN FLOOR VOID
- - - NEW PREFORM WITHIN CEILING VOID
- - - NEW PREFORM AT LOW LEVEL
- EXISTING RADIATOR TO REMAIN
- ⊞ EXISTING MECHANICAL SERVICES
- ⊞ DOMESTIC WATER RISER TO REMAIN
- ⊞ THERMOSTATIC MIXING VALVE
- ⊞ THERMOSTATIC MIXING TAP
- ⊞ BMS TEMPERATURE SENSOR
- ⊞ MAINS WATER SERVICE
- ⊞ COLD WATER DOWN SERVICE
- ⊞ COLD WATER STORAGE TANK
- ⊞ HOT WATER STORAGE TANK
- ⊞ HOT WATER SERVICE
- ⊞ FENESTER DUCTED KITCHEN HOOD
- ⊞ DENOTES RE-CIRCULATION KITCHEN HOOD WARNING PIPE
- ⊞ ISOLATING VALVE
- ⊞ DRAIN VALVE

Revisions:

Ref.	Date	Description	By	App
T1	10-03-17	TENDER ISSUE	SH	MB



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CHARTERED BUILDING SERVICES ENGINEERS

THE ASSOCIATION OF CONSULTANTS IN BUILDINGS ISO 9001

THE ASSOCIATION OF BUILDING ENGINEERS ISO 14001

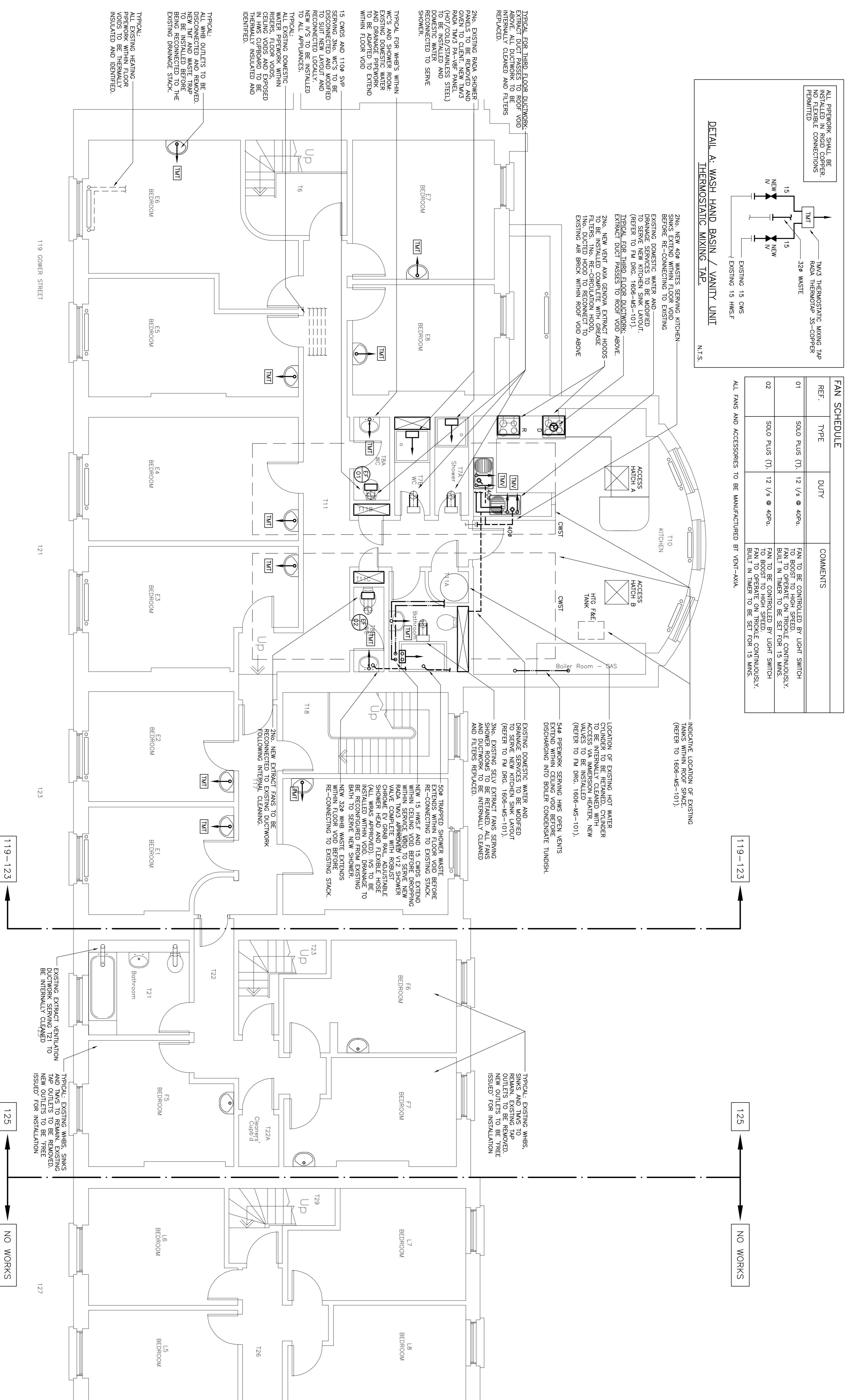
Client: UNIVERSITY COLLEGE LONDON ESTATES LONDON WCTE 6BP

Project: ARTHUR TATTERSALL HOUSE 119-123 AND 125 GOWER STREET LONDON W1E 6AP
SUMMER WORKS 2017

Title: THIRD FLOOR PLAN
MECHANICAL SERVICES LAYOUT

Date: 10-03-17
Designed by: SH
Paper Size: A1
Approved by: MB
Scale: 1:50
Drawn by: DV

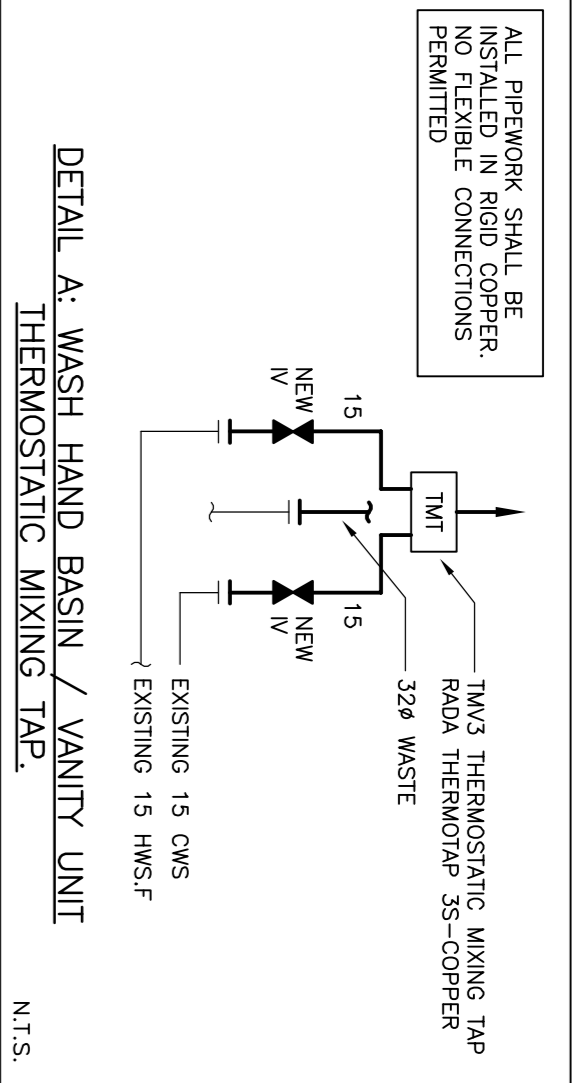
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FAN SCHEDULE

REF.	TYPE	DUTY	COMMENTS
01	SOLID PLUS (T)	12 1/4 @ 40Pa	FAN TO BE CONTROLLED BY LIGHT SWITCH TO BOOST TO HIGH SPEED. CONTINUOUSLY RUN TO OPERATE ON TRICKLE CONTINUOUSLY. FAN TO BE CONTROLLED BY LIGHT SWITCH TO BOOST TO HIGH SPEED.
02	SOLID PLUS (T)	12 1/4 @ 40Pa	FAN TO BE CONTROLLED BY LIGHT SWITCH TO BOOST TO HIGH SPEED. CONTINUOUSLY RUN TO OPERATE ON TRICKLE CONTINUOUSLY. FAN TO BE SET FOR 15 MINS.

ALL FANS AND ACCESSORIES TO BE MANUFACTURED BY VENT-AXA.



TYPICAL: ALL EXISTING HEATING PREFORM WITHIN FLOOR VOID TO BE REMOVED AND IDENTIFIED.

TYPICAL: ALL WHB OUTLETS TO BE DISCONNECTED AND REMOVED. TO BE INSTALLED BEFORE BEING RECONNECTED TO THE EXISTING DRAINAGE STACK.

TYPICAL: FOR THIRD FLOOR DUCTWORK, ALL EXISTING DUCTWORK TO BE REMOVED AND REPLACED WITH NEW DUCTWORK.

2N6. NEW 400 WASTES SERVING KITCHEN DRAINAGE SERVICES TO BE MODIFIED TO SERVE NEW KITCHEN SINK LAYOUT. (REFER TO FM DRG. 1606-MS-101).

TYPICAL FOR THIRD FLOOR DUCTWORK, EXTRACT DUCT PASSES TO ROOF VOID ABOVE.

2N6. NEW VENT AYVA GENOVA EXTRACT HOODS TO BE INSTALLED COMPLETE WITH GREASE FILTERS. EXTRACT HOODS TO BE RECONNECTED TO EXISTING AIR BRICK WITHIN ROOF VOID ABOVE.

2N6. ENGINE ROOM SHOWER PANELS TO BE REMOVED AND GIVEN TO CLIENT. NEW TMS3 (THERMOSTATIC MIXING VALVE) (COLD/SERVICES STEEL) DOMESTIC WATER RECONNECTED TO SERVE SHOWER.

TYPICAL FOR WHBS WITHIN EXISTING AND SHOWER ROOM. EXISTING DOMESTIC WATER TAP OUTLETS TO BE REMOVED AND RE-INSULATED AND EXPOSED WITHIN FLOOR VOID.

15 CWDS AND 1104 SIP SERVING 2N6. WCS TO BE DISCONNECTED AND MODIFIED TO SUIT NEW LAYOUT AND RE-INSULATED AND EXPOSED TO ALL APPLIANCES.

INDICATIVE LOCATION OF EXISTING TANKS WITHIN ROOF SPACE. (REFER TO 1606-MS-101).

54# PREFORM SERVING HMS OPEN VENTS EXTEND WITHIN CEILING VOID BEFORE DISCHARGING INTO BOILER CONDENSATE TUNDISH.

EXISTING DOMESTIC WATER AND DRAINAGE SERVICES TO BE MODIFIED AND RECONNECTED TO SERVE NEW KITCHEN SINK LAYOUT. (REFER TO FM DRG. 1606-MS-101).

2N6. EXISTING SELF EXTRACT FANS SERVING SHOWER ROOMS TO BE RETAINED. ALL FANS AND DUCTWORK TO BE INTERNALLY CLEANED AND FILTERS REPLACED.

50# TRAPPED SHOWER WASTE EXTENS WITHIN FLOOR VOID BEFORE RE-CONNECTING TO EXISTING STACK.

NEW 15 HMS/F AND 15 CWDS EXTEND WITHIN CEILING VOID BEFORE DROPPING INTO 1104 SIP. (REFER TO FM DRG. 1606-MS-101).

RADA TMS3 APPROVED V12 SHOWER VALVE COMPLETE WITH ROBUST SHOWER ENCLOSURE. ALL VENTS TO BE INSTALLED WITHIN VOID. DRAINAGE TO BE RECONNECTED FROM EXISTING NEW 329 INH9 WASTE EXTENS WITHIN FLOOR VOID BEFORE RE-CONNECTING TO EXISTING STACK.

2N6. NEW EXTRACT FANS TO BE RECONNECTED TO EXISTING DUCTWORK FOLLOWING INTERNAL CLEANING.

TYPICAL: EXISTING WHBS, SINKS AND TRAYS TO BE REMOVED. NEW OUTLETS TO BE FREE ISSUED FOR INSTALLATION.

222A 'Orange' Cupb 9

TYPICAL: EXISTING WHBS, SINKS AND TRAYS TO BE REMOVED. NEW OUTLETS TO BE FREE ISSUED FOR INSTALLATION.