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Notes:  
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2. THIS DRAWING SHOWS THE DESIGN INTENT AND MUST NOT BE USED FOR INSTALLATION PURPOSES.

- Legend:
- [TWT] THERMOSTATIC MIXING VALVE
  - [TWT] THERMOSTATIC MIXING TAP
  - [S] SHOWER ASSEMBLY
  - [S] # DENOTES SHOWER INSTALLATION TYPE
  - [CWS] COLD WATER DOWN SERVICE
  - [FWS] FLOW WATER SERVICE
  - [D] DENOTES DUCTED COOKER HOOD
  - [R] RE-CIRCULATION COOKER HOOD
  - [EF] EXTRACT FAN
  - [EF] EXTRACT FAN

Revisions:			
Ref.	Date	Description	By / App
11	10-03-17	TENDER ISSUE	SH / MB



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Project:  
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SUMMER WORKS 2017









Title:  
SECOND FLOOR PLAN  
MECHANICAL SERVICES LAYOUT

Date:	10-03-17	Designed by:	SH
Paper Size:	A1	Approved by:	MB
Scale:	1:100	Drawn by:	DV





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Legend:	
	THERMOSTATIC MIXING TAP
	COLD WATER DOWN SERVICE
	HOT WATER SERVICE
	FLOW WATER SERVICE
	RENOTES DUCTED COOKER HOOD
	EXTRACT RE-CIRCULATION COOKER HOOD
	EXTRACT GRILLE
	EXTRACT FAN

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

Location Plan:	
	



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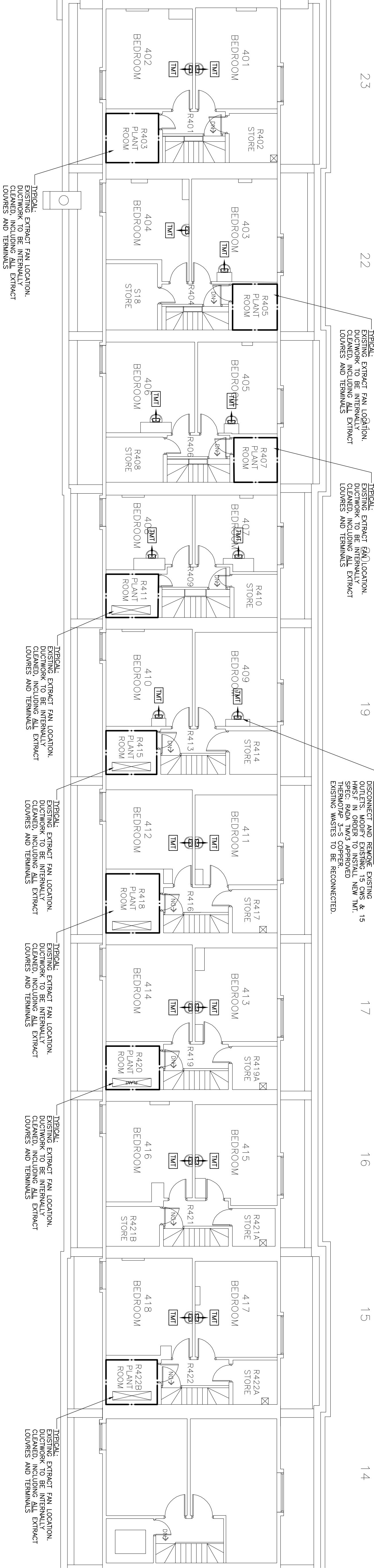
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Title:  
FOURTH FLOOR PLAN  
MECHANICAL SERVICES LAYOUT

Date:	10-03-17	Designed by:	SH
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ALL EXISTING CENTRALISED EXTRACT VENTILATION AIR VOLUMES SERVING WGS TO BE INTERNALLY CLEANED PRIOR TO ANY WORKS COMMENCING

EXISTING CENTRALISED EXTRACT DUCTWORK TO BE INTERNALLY CLEANED FROM FOURTH FLOOR TO SUB-BASEMENT LEVEL (FAN EXTRACT RISERS)

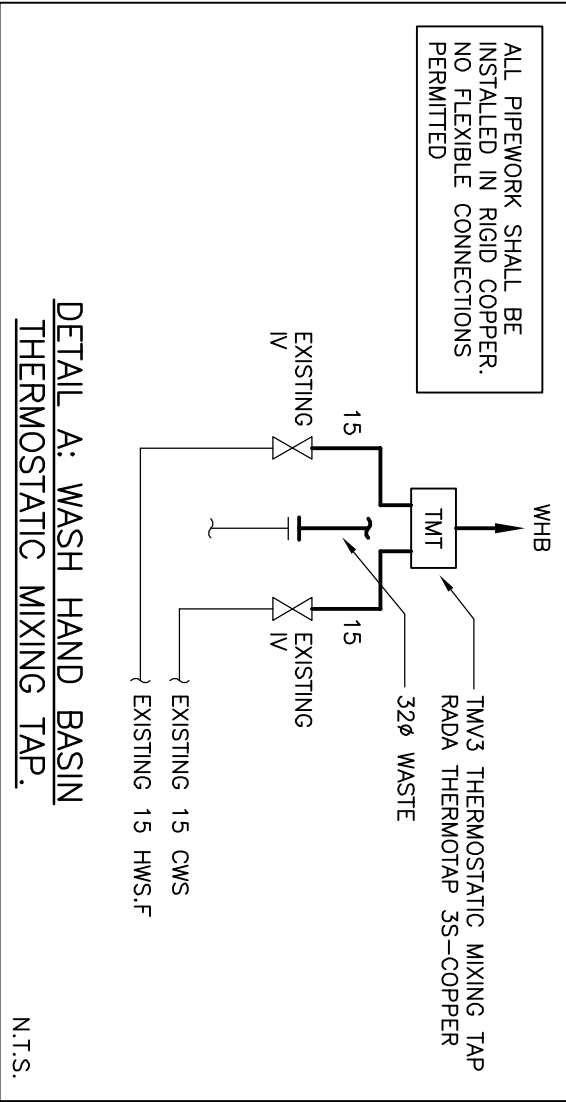
ALL WHB OUTLETS ETC TO BE HANDED TO UCL FOR POTENTIAL RE-USE

TYPICAL: EXISTING EXTRACT FAN LOCATION, DUCTWORK TO BE INTERNALLY CLEANED, INCLUDING ALL EXTRACT LOUVERES AND TERMINALS

TYPICAL: EXISTING EXTRACT FAN LOCATION, DUCTWORK TO BE INTERNALLY CLEANED, INCLUDING ALL EXTRACT LOUVERES AND TERMINALS

TYPICAL FOR ALL WHBS: DISCONNECT AND REMOVE EXISTING & 15 HWS F IN ORDER TO INSTALL NEW TMT. SPEC: RADA TMT'S APPROVED THERMOSTAP 355 COPPER EXISTING WASTES TO BE RECONNECTED.

TYPICAL: EXISTING EXTRACT FAN LOCATION, DUCTWORK TO BE INTERNALLY CLEANED, INCLUDING ALL EXTRACT LOUVERES AND TERMINALS









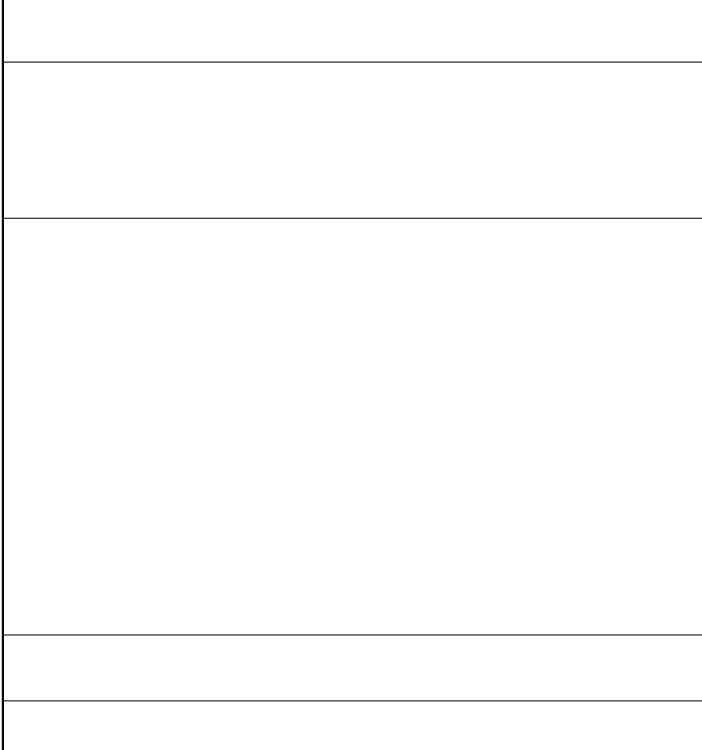
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Legend:

	THERMOSTATIC MIXING VALVE
	THERMOSTATIC MIXING TAP
	SHOWER ASSEMBLY
	# DENOTES SHOWER INSTALLATION TYPE
	COLD WATER DOWN SERVICE
	WATER SERVICE
	FLOW
	DENOTES DUCTED COOKER HOOD
	DENOTES RE-CIRCULATION COOKER HOOD
	EXTRACT FAN

Revisions:

Ref.	Date	Description	By	App
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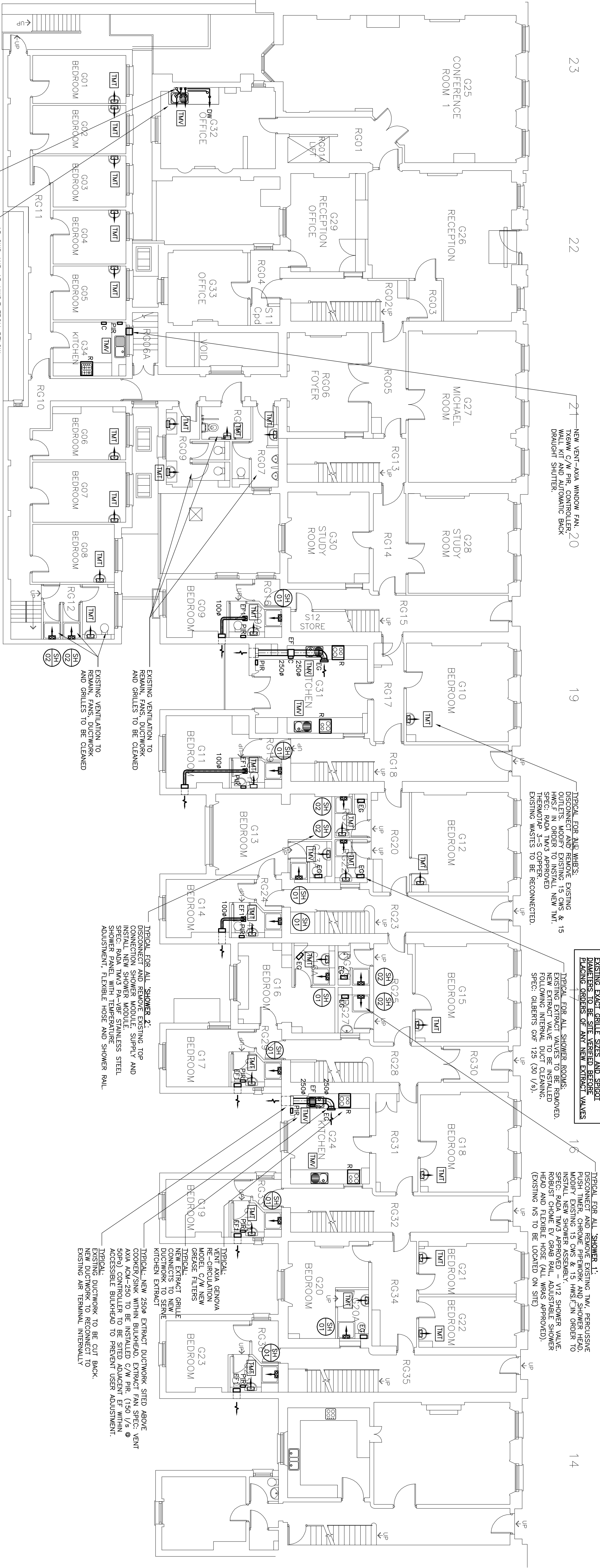
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Title:  
GROUND FLOOR PLAN  
MECHANICAL SERVICES LAYOUT

Date:	10-03-17	Designed by:	SH
Paper Size:	A1	Approved by:	MB
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ALL EXISTING CENTRALISED EXTRACT VENTILATION AIR VOLUMES SERVING WGS AND BED ROOMS ARE TO BE CALCULATED PRIOR TO ANY WORKS COMMENCING (BMS, EXTRACT FANS ETC)

EXISTING CENTRALISED EXTRACT DUCTWORK TO BE INTERNALLY CLEANED FROM FOURTH FLOOR TO BASEMENT LEVEL.

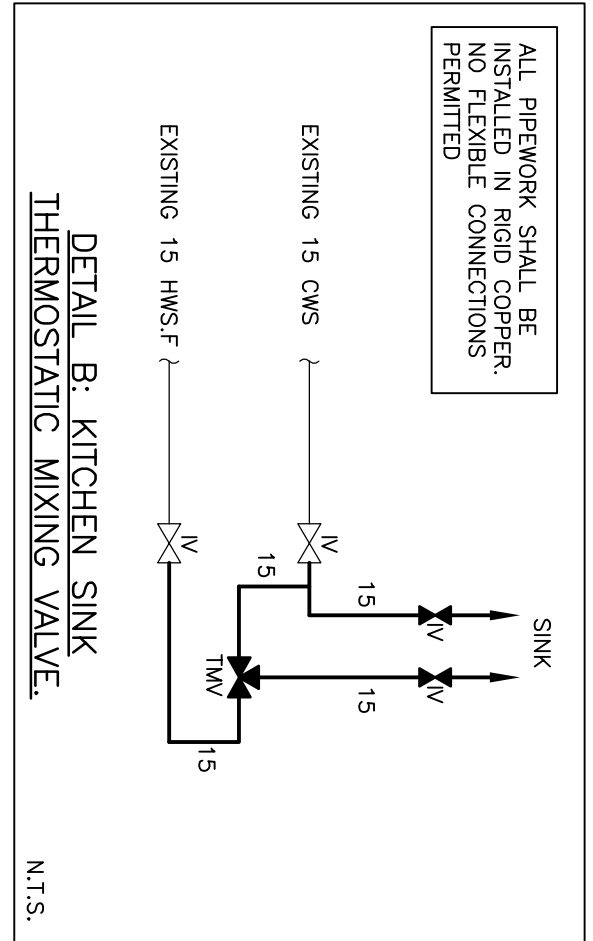
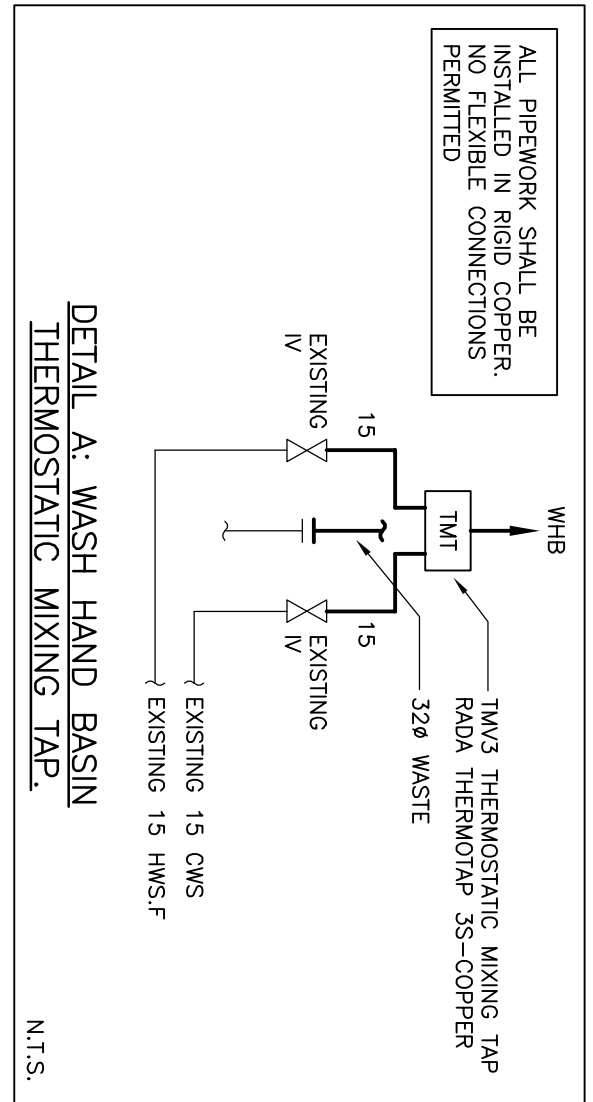
ALL SHOWERS, WHB OUTLETS, EXTRACT VALVES ETC TO BE HANDED TO UCL FOR POTENTIAL RE-USE

EXISTING SHOWER 1' PIPE CENTRES SERVING TMT TO BE SITE-MEASURED. EXISTING 15 CWS AND 15 HWS TO BE CUT BACK TO EXISTING 15 CWS AND 15 HWS AND ADAPTED TO SERVE NEW ROOM TMT.

REF.	TYPE	COMMENTS
EF01	LO CARBON SMOKE PLUS 1/SELV T-TIMER	FAN SET TO RUN ON TRIGGLE WITH BOOST TO HIGH SPEED. FAN CONTROLLED BY PIR WITH 10 MINUTE RUN-ON-TIMER
EF02	LO CARBON SMOKE 100	FAN SET TO RUN ON SPEED 2. FAN CONTROLLED BY PIR WITH 10 MINUTE RUN-ON-TIMER
EF03	LO CARBON SMOKE 150	FAN SET TO RUN ON SPEED 2. FAN CONTROLLED BY PIR WITH 10 MINUTE RUN-ON-TIMER

15 CWS AND 15 HWS F. FROM BELOW.  
NEW 15 CWS AND 15 HWS F. TO SERVE SINK  
C/W W/1W ARRANGEMENT BEHIND SINK.  
15 CWS TO SERVE DISHWASHER C/W W/DCV.  
NEW 500 WASTE EXTENDS AT LOW LEVEL.  
NEW 500 WASTE EXTENDS AT LOW LEVEL.  
SERVE 400 TRAPPED SINK AND 325 TO  
TRAPPED DISHWASHER UPSTAND.

ALL FANS AND ACCESSORIES TO BE MANUFACTURED BY VENT-A-MA.



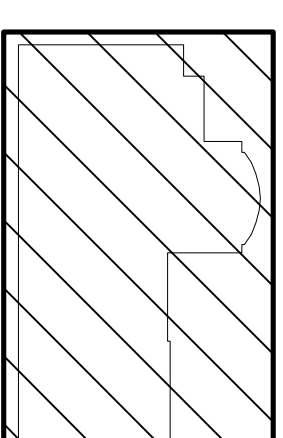


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- Legend:
- [T.M.V.] THERMOSTATIC MIXING VALVE
  - [T.M.V.] THERMOSTATIC MIXING TAP
  - [S.H.] SHOWER ASSEMBLY
  - [W.B.] COLD WATER DOWN SERVICE
  - [W.B.] HOT WATER SERVICE
  - [F.D.] DENOTES DUCTED COOKER HOOD
  - [F.D.] DENOTES RE-CIRCULATION COOKER HOOD
  - [F.D.] DENOTES RE-CIRCULATION COOKER HOOD
  - [F.D.] EXTRACT FAN

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

Location Plan:



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Title: FIRST FLOOR PLAN

MECHANICAL SERVICES LAYOUT

Date:	10-03-17	Designed by:	SH
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