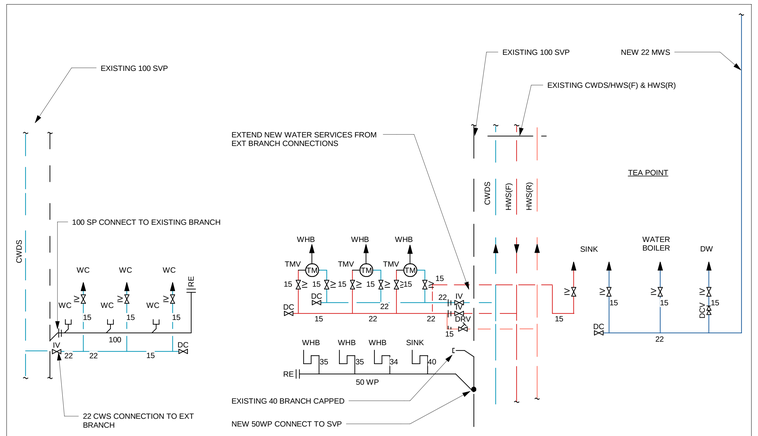
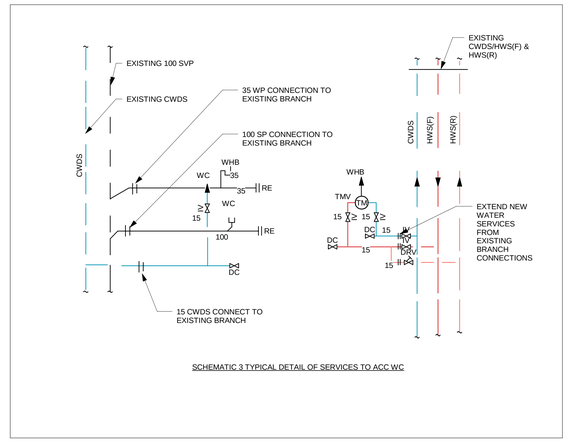
Project Management Initials: Designer: Designer Checked: Checker Approved: ApprovedDrawn by: Author ISO A0 841mm x 1189mm

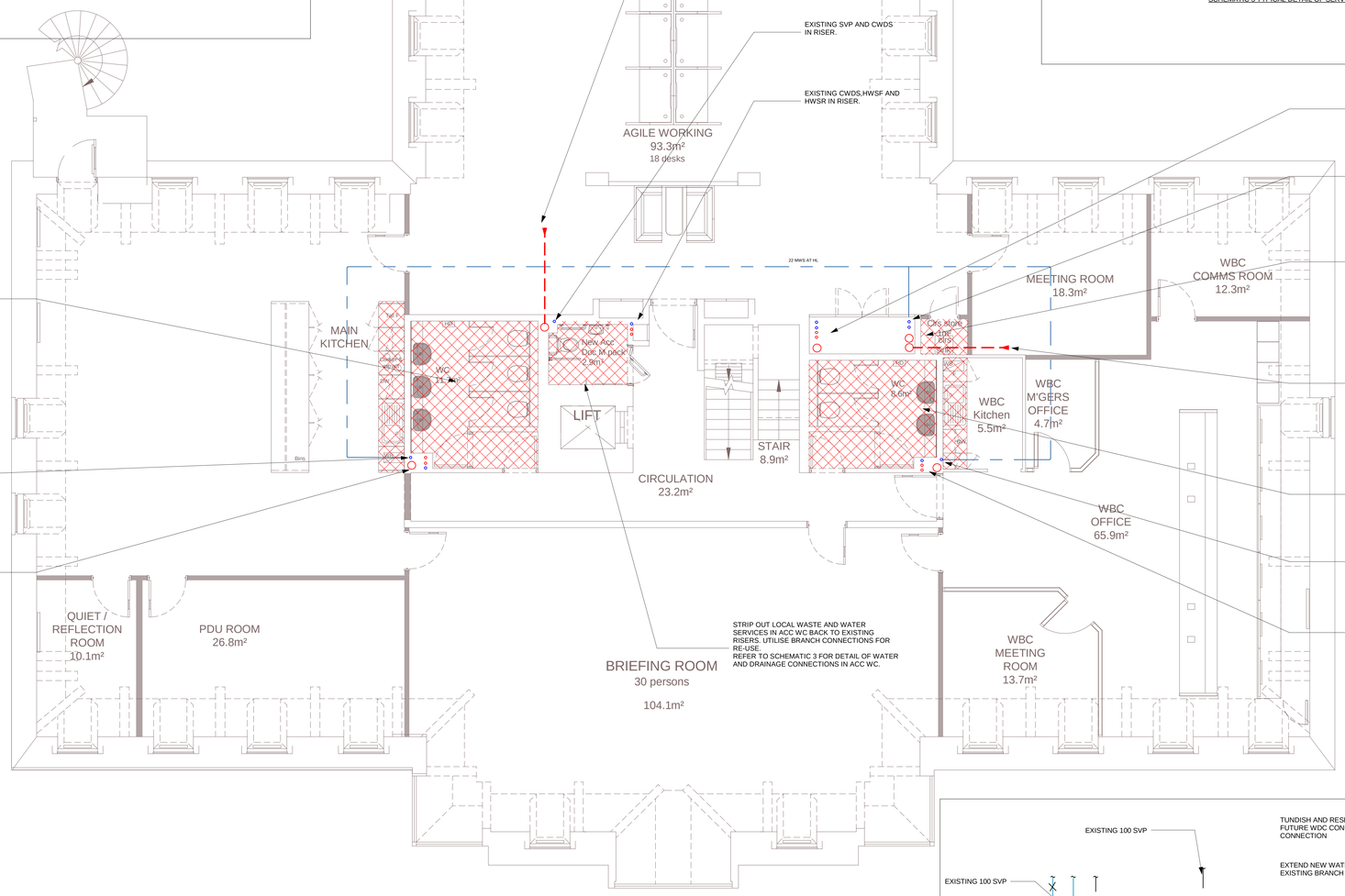
NOTE: FOR REMEDIAL WORKS TO ALL EXTERNAL RAINWATER DRAINAGE,GUTTERS AND ROOF OUTLETS REFER TO ARCHITECTS SCOPE OF WORKS AND SPECIFICATION.



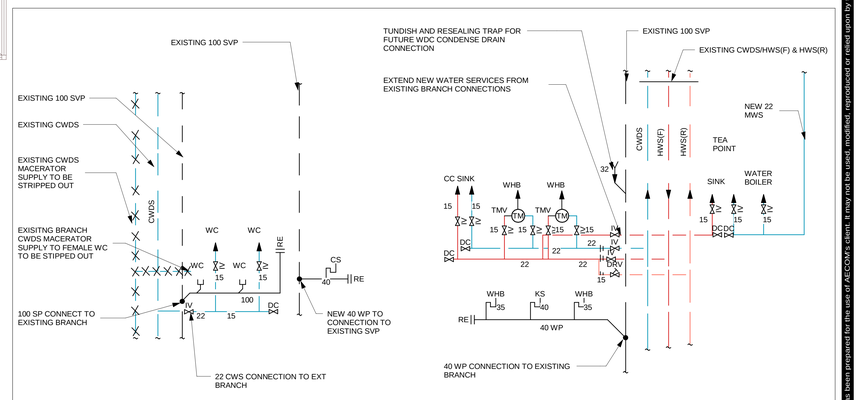
SCHEMATIC 7 TYPICAL DETAIL OF SERVICES TO MALE WC AND TEA POINT LEVEL 2



SCHEMATIC 3 TYPICAL DETAIL OF SERVICES TO ACC WC



NOTE: THIS DRAWING INDICATES A NOTIONAL LAYOUT OF EXISTING SERVICES FROM A NON INTRUSIVE VISUAL SURVEY HOWEVER NOT EVERY PIPE AND FITTING IS INDICATED OR PIPE SIZE IDENTIFIED.
THIS IS NOT FULLY COMPREHENSIVE AS EXISTING RECORD INFORMATION IS NOT AVAILABLE.
THE CONTRACTOR SHALL VERIFY THE LAYOUT OF ALL EXISTING SERVICES AND SHALL MAKE A FULL RECORD OF ALL EXISTING SERVICES TO BE RETAINED AND/OR MODIFIED UNDER THIS CONTRACT.
THIS INFORMATION WILL BE UTILISED BY THE CONTRACTOR FOR THE PRODUCTION OF AS INSTALLED/RECORD DRAWINGS.



SCHEMATIC 8-TYPICAL DETAIL OF SERVICES TO FEMALE WC INC.TEA POINT AT LEVEL 2

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AECOM

Project

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Notes

1. THIS DRAWING IS TO BE READ FOR SERVICES INFORMATION ONLY.
2. THIS DRAWING IS TO BE READ FULLY INCONJUNCTION WITH AECOM MEP SERVICES SCOPE OF WORKS / SPECIFICATION AND SCHEDULES.
3. THIS DRAWING IS TO BE READ FULLY INCONJUNCTION WITH ALL RELEVANT DESIGN TEAM DRAWINGS, AND REPORTS WHICH INCLUDE (BUT NOT LIMITED TO) MEP, CIVILS, STRUCTURAL, ARCHITECTURAL AND FIRE ENGINEER.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AECOM PH SERVICES DRAWING NOS WPS-ACM-00-B1-DR-PH-500001 TO 500007 INC.
5. THE SANITATION AND RAINWATER DRAINAGE SERVICES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF BS EN 12056 PART 2 / PART AND THE BUILDING REGULATIONS.
6. WORKS TO EXTERNAL RAINWATER GOODS/GUTTERS AND ROOF OUTLETS TO BE DESIGNED IN THE ARCHITECTS/BUILDING PACKAGE.
7. INTERNAL RAINWATER PIPES SHALL BE DETAILED IN MEP PACKAGE. BRANCH PIPEWORK THAT PASSES THROUGH A FIRE BARRIER OR WALL SHALL BE METALLIC OR INTUMESCENTLY SEALED.
8. ALL SOIL AND WASTE PIPES SHALL BE VENTED AT ROOF LEVEL AND WASTE PIPEWORK AND EXTENDED ABOVE THE FLOOD LEVEL OF ALL FITTINGS WHEREVER POSSIBLE.
9. ALL UNDERGROUND/GROUND DRAINAGE SERVICES FOUL AND INTERNAL RAINWATER FROM ROOF LEVEL TO BASEMENT INC SHALL BE RETAINED. THE CLIENT HAS ORGANISED FOR THE PIPEWORK SYSTEMS TO BE CLEANED FULLY AND FLUSHED BEFORE SURVEYING USING VISUAL AND CCTV TECHNIQUES TO CHECK CONDITION OF EXISTING SYSTEMS AND CONFIRM THE ROUTE/ SIZE AND SYSTEM CLASSIFICATION OF THE EXISTING SYSTEMS. ANY DEFECTS FOUND AND REMEDIAL WORKS REQUIRED IN ORDER TO BRING THE SYSTEMS BACK TO A SATISFACTORY WORKING OPERATION SHALL BE IDENTIFIED AND CARRIED OUT AS AGREED WITH ENGINEER AND CLIENT ACCORDINGLY. ANY ADDITIONAL REMEDIAL/ REPAIR WORKS TO EXISTING SERVICES NOT CURRENTLY INDICATED ON THE DRAWINGS SHALL BE INSTRUCTED AGAINST A PROVISIONAL SUM.
10. ALL EXISTING SERVICES NOT CURRENTLY INDICATED ON DRAWINGS AND TEA POINTS SHALL BE STRIPPED OUT BACK TO THE CONNECTIONS ON THE MAIN DRAINAGE STACKS. EXISTING BRANCH CONNECTIONS WILL BE UTILISED WHERE POSSIBLE PROVIDED TO SERVE THE NEW FITTINGS LOCALLY AS INDICATED.
11. REFER TO R12 SPECIFICATION SCOPE FOR DETAILS OF PROPOSED WORKS TO BE CARRIED OUT BY CONTRACTOR AND CLIENT.
12. THE DOMESTIC WATER SERVICES SHALL BE DESIGNED AND INSTALLED STRICTLY IN ACCORDANCE WITH REQUIREMENTS OF BS 8558 ,BS EN806 ,THE WATER REGULATIONS AND HSG 274 3,10.
13. ALL PIPEWORK/ FITTINGS AND EQUIPMENT IN CONTACT WITH DOMESTIC WATER SHALL BE WRAS APPROVED. ALL SANITARY WARE / BRASSWARE AND EQUIPMENT IN THE TEA POINTS AND KITCHENS SHALL BE AS SPECIFIED BY THE ARCHITECT PACKAGE AND SHALL BE WRAS APPROVED.
14. LOW POINTS SHALL BE FITTED WITH DRAIN COCKS FOR DRAIN DOWN PURPOSES.
15. ALL EXISTING VALVES FOUND TO BE INOPERABLE SHALL BE REPLACED.
16. REPLACEMENT DRV'S ON HWS R SHALL BE SUITABLE FOR DOMESTIC HOT WATER SYSTEMS AND SHALL BE ULTRA LOW FLOW TYPE.
17. THE CONTRACTOR SHALL SUPPLY AND FIT THERMOSTATIC MIXING VALVES TO ALL HOT WATER OUTLETS TO LIMIT THE TEMPERATURE TO 41 DEGREES CELSIUS MAXIMUM. TMV'S SHALL BE TMV3 COMPLIANT WHERE TEMPERATURE LIMITING VALVES ARE NOT FITTED WARNING SIGNS READING "VERY HOT WATER" SHALL BE FIXED ADJACENT TO THE FITTING.
18. THE EXISTING DOMESTIC WATER SERVICES INCLUDING MAINS COLD WATER FROM ROOF LEVEL TO BASEMENT INC SHALL IN GENERAL BE RETAINED UNLESS INDICATED ON THE DRAWINGS. THE PIPEWORK SYSTEMS SHALL BE CLEANED FULLY AND FLUSHED BEFORE SURVEYING TESTED AND RECORD THE ROUTE/ SIZE AND SYSTEM CLASSIFICATION OF THE EXISTING SYSTEMS. ANY DEFECTS FOUND FROM THE SURVEY AND REMEDIAL WORKS REQUIRED IN ORDER TO BRING THE SYSTEMS BACK TO A SATISFACTORY WORKING OPERATION SHALL BE REPORTED BY THE CONTRACTOR AND CARRIED OUT AS AGREED WITH ENGINEER AND CLIENT ACCORDINGLY. ANY REMEDIAL/REPAIRS WORK TO EXISTING SERVICES NOT CURRENTLY INDICATED ON THE DRAWINGS SHALL BE INSTRUCTED AGAINST A PROVISIONAL SUM.
19. THE CONTRACTOR SHALL ENSURE THAT EXISTING PIPEWORK SYSTEMS INCLUDING TANKS SHALL BE FLUSHED AND DISINFECTED TO REMOVE ANY POTENTIAL BIOLOGICAL CONTAMINATION / BACTERIOLOGICAL PROLIFERATION THAT MAY BE PRESENT IN THE EXISTING SYSTEMS READY FOR RE-USE AND BRING BACK INTO OPERATION.
20. EXISTING WATER SERVICES FOUND TO BE REDUNDANT SHALL BE STRIPPED OUT AND CAPPED AT THE RESPECTIVE MAINS SUPPLIES LEAVING NO DEAD LEGS.

LEGEND

SVP - SOIL VENT PIPE
RWP – RAINWATER PIPE
FWD – FOUL WATER DRAIN
SWD – SURFACE WATER DRAIN
WP – WASTE PIPE
RE – RODDING EYE
FG – FLOOR GULLY
BCWS – BOOSTED COLD WATER SERVICE
CWDS – COLD WATER DOWN SERVICE
HWSF – HOT WATER SERVICES FLOW
HWSR – HOT WATER SERVICES RETURN
MWS – MAINS WATER SERVICE
IV – ISOLOATING VALVE
TMV – THERMOSTATIC MIXING VALVE
DOC – DRAIN OFF COCK
PRV – PRESSURE REDUCING VALVE
BV – BALLVALVE
SV – SOLENOID VALVE
DRV – DOUBLE REGULATING VALVE
HL HIGH LEVEL
LL LOW LEVEL
FA FROM ABOVE
TB TO BELOW
FB FROM BELOW
TA TO ABOVE

DENOTES PIPE TO BE STRIPPED OUT

Issue/Revision

T1	23/06/22	Tender Issue	DR/LH/BD
PT1	10/05/22	Pre Tender Issue	
Rev.	Date	Description	Drn/Chk/Apr

Key Plan

Purpose Of Issue

Preliminary Stage 3

Project Number

60671544

Sheet Title

Domestic Water and Sanitation - Second Floor Layout

Sheet Number

WPS-ACM-00-02-DR-PH-500004

Scale: 1:50@A0 **Rev:** T1