**Watford Police** Station Remodelling

**UK & IRELAND** Client

Hertfordshire Police and Crime Commissioner

Consultant

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THIS DRAWING IS TO BE READ FOR SERVICES INFORMATION ONLY.
THIS DRAWING IS TO BE READ FULLY INCONJUNCTION WITH AECOM MEP SERVICES SCOPE OF WORKS / SPECIFICATION AND SCHEDULES.
THIS DRAWING IS TO BE READ FULLLY INCONJUNTION WITH ALL RELEVANT DESIGN TEAM DRAWINGS, AND REPORTS WHICH INCLUDE (BUT NOT LIMITED TO) MEP, CIVILS, STRUCTURAL, ARCHITECTURAL AND FIRE ENGINEER.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AECOM PH SERVICES DRAWING NOS: WPS-ACM-00-B1-DR-PH-500001 TO 500007 INC.

INC.
THE SANITATION AND RAINWATER DRAINAGE SERVICES SHALL BE
DESIGNED AND INSTALLED STRICTLY IN ACCORDANCE WITH THE
REQUIREMENTS OF BS EN 12056 PART 2 / PART AND THE BUILDING

 WORKS TO EXTERNAL RAINWATER GOODS/GUTTERS AND ROOF
OUTLETS WILL BE SPECIFIED IN THE ARCHITECTS/BUILDING PACKAGE.
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.
RODDING ACCESS TO BE PROVIDED TO ALL NEW SOIL AND WASTE
PIPEWORK AND EXTENDED ABOVE THE FLOOD LEVEL OF ALL FITTINGS
WHEREVER POSSIBLE. WHEREVER POSSIBLE.

THE EXISTING ABOVE GROUND DRAINAGE SERVICES FOUL AND INTERNAL RAINWATER FROM ROOF LEVEL TO BASEMENT INC SHALL BE RETAINED. THE CLIENT HAS ORGAINSED FOR THE PIPEWORK SYSTEMS TO BE CLEANED FULLY AND FLUSHED BEFORE SURVEYING USING VISUAL AND CCTV TECHNIQUES TO CHECK CONDITION OF PIPEWORK, PRESSURE TEST AND RECORD THE ROUTE/ SIZE AND SYSTEM CLASSIFICATION OF THE EXISTING SYSTEMS. ANY DEFECTS FOUND AND REMEDIAL WORKS REQUIRED IN ORDER TO BRING THE SYSTEMS RACK TO A SATISFACTORY WORKING OPERATION SHALL BE

FOUND AND REMEDIAL WORKS REQUIRED IN ORDER TO BRING THE SYSTEMS BACK TO A SATISFACTORY WORKING OPERATION SHALL BE IDENTFIED 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. EXISTING LOCALISED SOIL AND WASTE SERVICES IN WASHROOMS AND TEA POINTS SHALL BE STRIPPED OUT BACK TO THE CONNECTIONS ON THE MAIN DRAINAGE STACKS. EXISTING BRANCH CONNECTIONS WILL BE BELISED AND NEW BIREWOOD REPOVED TO SERVICE THE NEW.

BE REUSED AND NEW PIPEWORK PROVIDED TO SERVE THE NEW FITTINGS LOCALLY AS INDICATED.

11. REFER TO R12 SPECIFICATION SCOPE FOR DETAILS OF PROPOSED WORKS TO THE BELOW SLAB DRAINAGE AND SUMP PUMPS. THE DOMESTIC WATER SERVICES SHALL BE DEDIGNED AND INSTALLED THE DOMESTIC WATER SERVICES SHALL BE DEDIGRIED AND INSTALLED STRICTLY IN ACCORDANCE WITH REQUIREMENTS OF BS 8558, BS EN806, THE WATER REGULATIONS AND HSG 274 (L8)
 ALL PIPEWORK/ FITTINGS AND EQUIPMENT IN CONTACT WITH WHOLESOME WATER SHALL BE WRAS APPROVED. SANITARY WARE / BRASSWARE AND EQUIPMENT IN THE TEA POINTS AND KITCHENS SHALL BE AS SPECIFIED BY THE ARCHITECT PACKAGE AND SHALL BE WRAS APPROVED.

LOW POINTS SHALL BE FITTED WITH DRAIN COCKS FOR DRAIN DOWN 5. 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 ON ALLL WASHBASINS TO LIMIT THE TEMPERATURES TO 41 DEGREES CELSIUS MAXIMUM. TMV'S SHALL BE TMV3 COMPLIANT. WHERE TEMPERATURE LIMITING VALVES ARE NOT FITTED WARNING LABELS STATING, "VERY HOT WATER" SHALL BE FIXED ADJACENT TO THE FITTING.

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 SHALL BE SURVEYED TO CHECK CONDITION OF PIPEWORK, PRESSURE 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 CLEANED/CHLORINATED TO REMOVE ANY POTENTIAL CONTAMINATION / BACTERILOGIAL PROLIFERATION THAT MAY BE PRESENT IN THE EXISTING SYSTEMS READY FOR RE-USE AND BRING BACK INTO

EXISTING SYSTEMS READY FOR RE-USE AND BRING BACK INTO 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 LOW LEVEL FROM ABOVE TO BELOW FROM BELOW

TO ABOVE

DENOTES PIPE TO BE STRIPPED OUT

Issue/Revision

Purpose Of Issue

Preliminary Stage 3 **Project Number** 

60671544 **Sheet Title** 

Key Plan

Domestic Water and Sanitation -**Ground Floor Layout** 

**Sheet Number** 

WPS-ACM-00-00-DR-PH-500002

Scale: As indicated@A0 Rev: T1