

TYPICAL FIRST & SECOND FLOOR

Rev	Date	Description of changes	By
1	15/10/20	FOR COUNCIL SUBMISSION	NE

REVISIONS			

Client

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APPROVED	PR.ENG. NO:
THE MASTER HELD AT ARUP BEARS THE ORIGINAL SIGNATURE OF APPROVAL	
SIGNATURE: _____	NAME: _____ DATE: _____

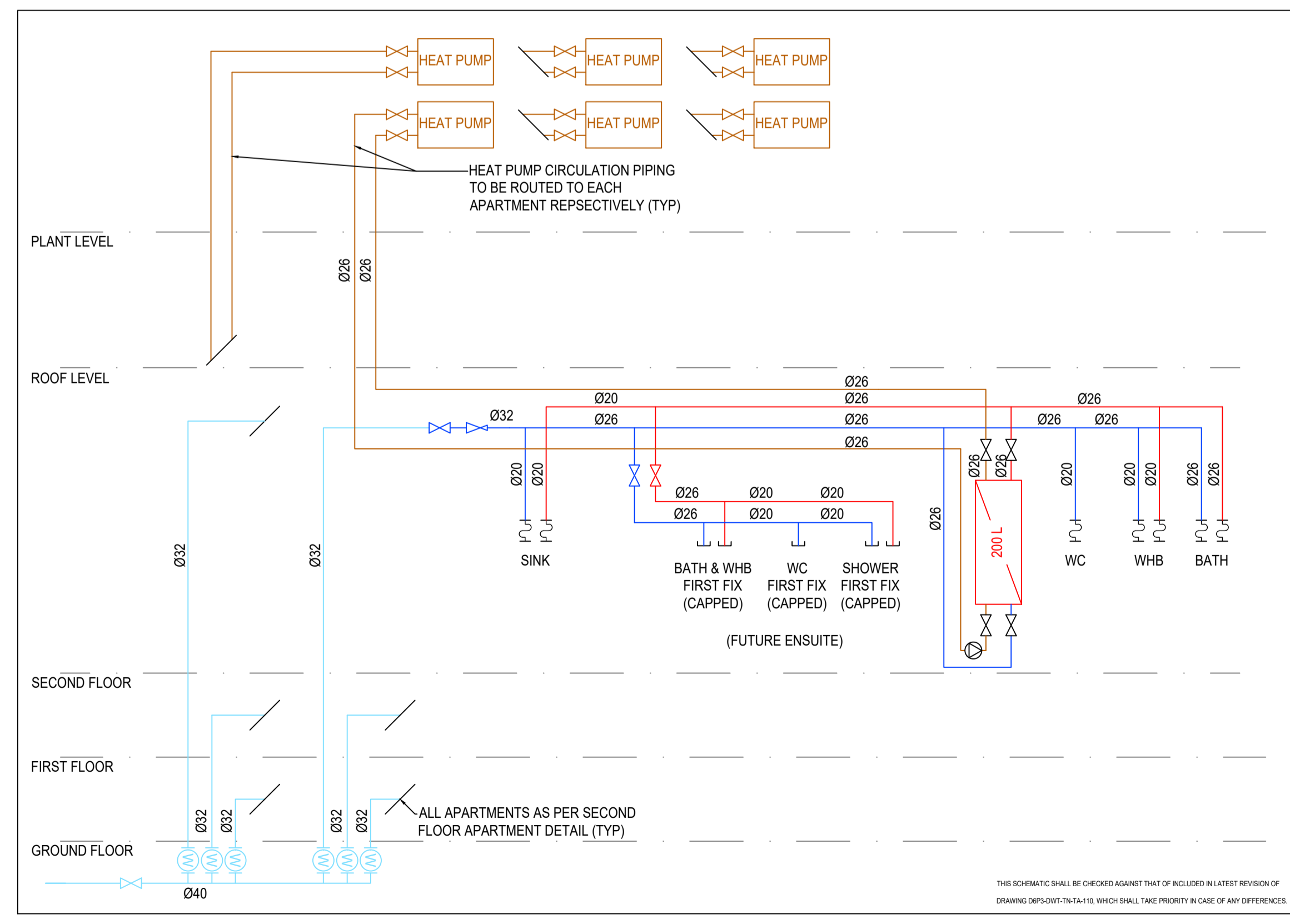
Project

DISTRICT SIX REDEVELOPMENT PHASE 3

Project Description

RESTITUTION HOUSING PLUMBING SERVICES

Drawing Title		
APARTMENT TYPICAL FIRST & SECOND FLOOR DOMESTIC WATER LAYOUT		
Drawing Units	mm	Drawing Size A1
Date	24 - 11 - 2014	Scale 1:50
Designed By	F.F	
Checked By	A.O	Drawn By RVDB
Approved By	S.G	
Consultant Drawing No.	ERF 178161-D6P3-DWT-CN-TA-110	Rev 1
Project Drawing No.	ERF 178161-D6P3-DWT-CN-TA-110	Rev 1



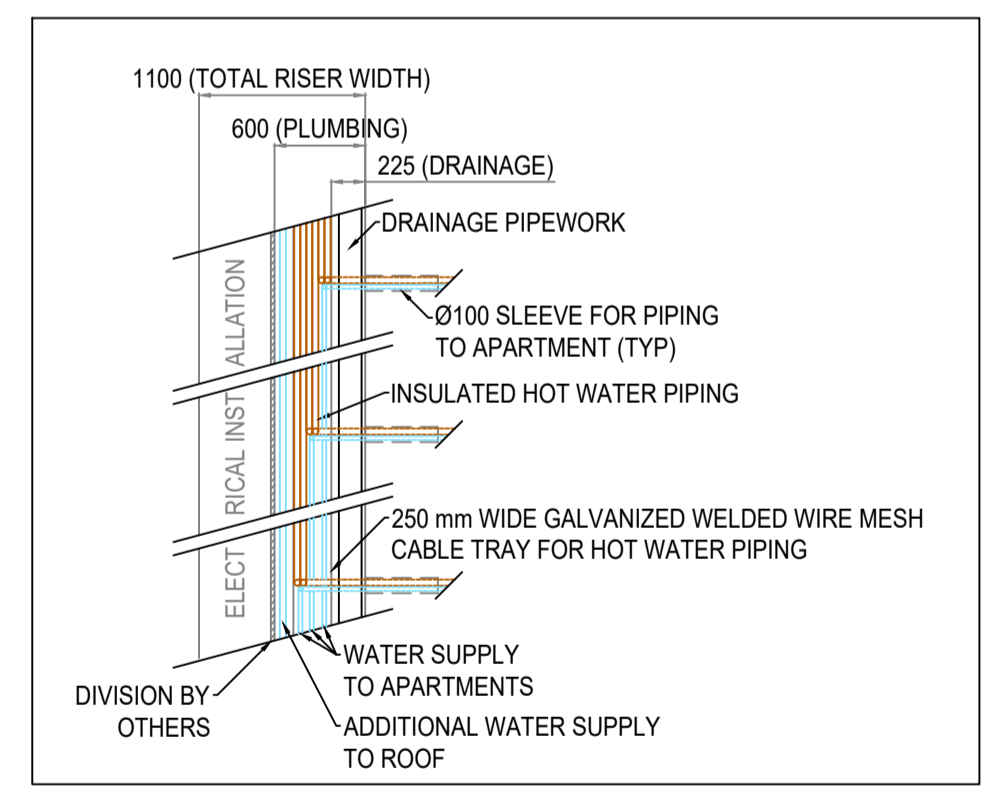
SCHEMATIC NOT TO SCALE

LEGEND:

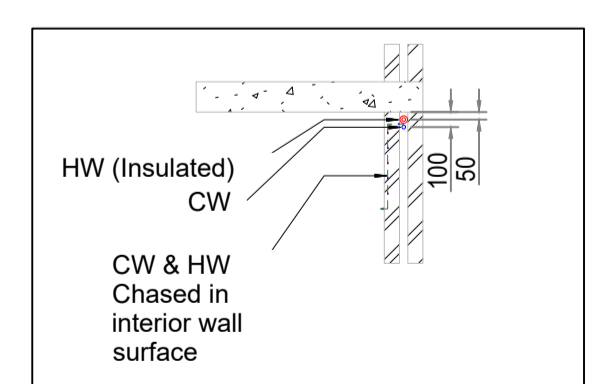
- MUNICIPAL WATER SUPPLY
- WATER METER
- DOMESTIC (COLD) WATER
- WATER FITTING CONNECTION
- PIPE END CAP
- HOT WATER
- HOT WATER CYLINDER
- SOLAR/HEAT PUMP PIPING
- CIRCULATION PUMP
- ISOLATING VALVE
- PRESSURE REGULATING VALVE
- HEAT PUMP

- DRAWING NOTES:
- THIS IS NOT AN INSTALLATION DRAWING. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL SERVICES DRAWINGS AND SPECIFICATIONS, AS WELL AS THE RELEVANT ARCHITECTURAL, STRUCTURAL, AND CIVIL DRAWINGS.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONAL INFORMATION.
 - DO NOT SCALE FROM THIS DRAWING.

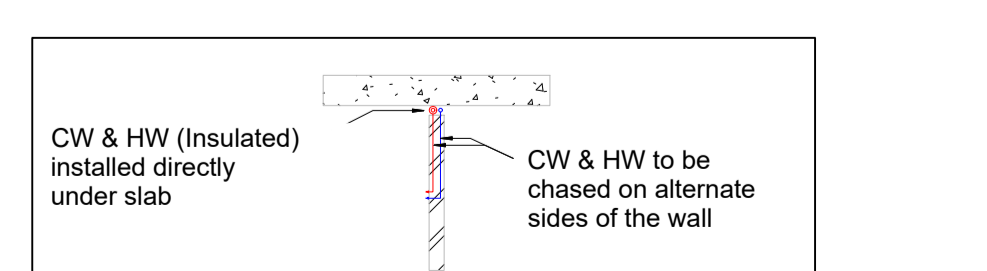
- INSTALLATION NOTES:
- ALL PIPING SHALL BE OF A COMPOSITE PE-Xb/ALUMINIUM/HDPE CONSTRUCTION (MEPLA OR SIMILAR), AND SHALL BE INSTALLED IN ACCORDANCE WITH THE RELEVANT SUPPLIER SPECIFICATIONS.
 - ALL HOT WATER PIPING SHALL BE INSULATED WITH AT LEAST 9 mm THICK CLOSED-CELL, FOAM INSULATION, AND ACHIEVE AT LEAST A 1 W/m²K RADIAL R-VALUE, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE RELEVANT SUPPLIER SPECIFICATIONS.
 - ALL PIPING SHALL BE ROUTED WITHIN THE 50 mm CAVITY OF CAVITY WALLS WHERE POSSIBLE, AND WHERE THIS IS NOT POSSIBLE, SHALL BE CHASED INTO THE WALL.
 - WHERE APPLICABLE HOT WATER PIPING SHALL RECEIVE ROUTING PRECEDENCE TO ENSURE SUFFICIENT SPACE FOR THE REQUIRED INSULATION.
 - ISOLATION VALVES SHALL BE INSTALLED AT ALL FIXTURE CONNECTIONS.
 - ISOLATION VALVES SHALL BE INSTALLED AT THE CONNECTION OF ALL FUTURE EXTENSION PIPING BRANCHES, AND SHALL BE CLEARLY AND PERMANENTLY MARKED AS "FUTURE EXTENSION".
 - ALL FUTURE EXTENSION PIPING BRANCHES SHALL BE ISOLATED AND DRAINED PRIOR TO CAPPING.
 - FUTURE EXTENSION CAPS SHALL REMAIN VISIBLE UPON WALL FINISH COMPLETION.



DETAIL A: SERVICES RISER LAYOUT (TYP)



DETAIL B: WATER PIPES INSTALLED IN CAVITY WALLS



DETAIL C: WATER PIPES INSTALLED IN SOLID/SINGE WALLS (INTERIOR WALLS)