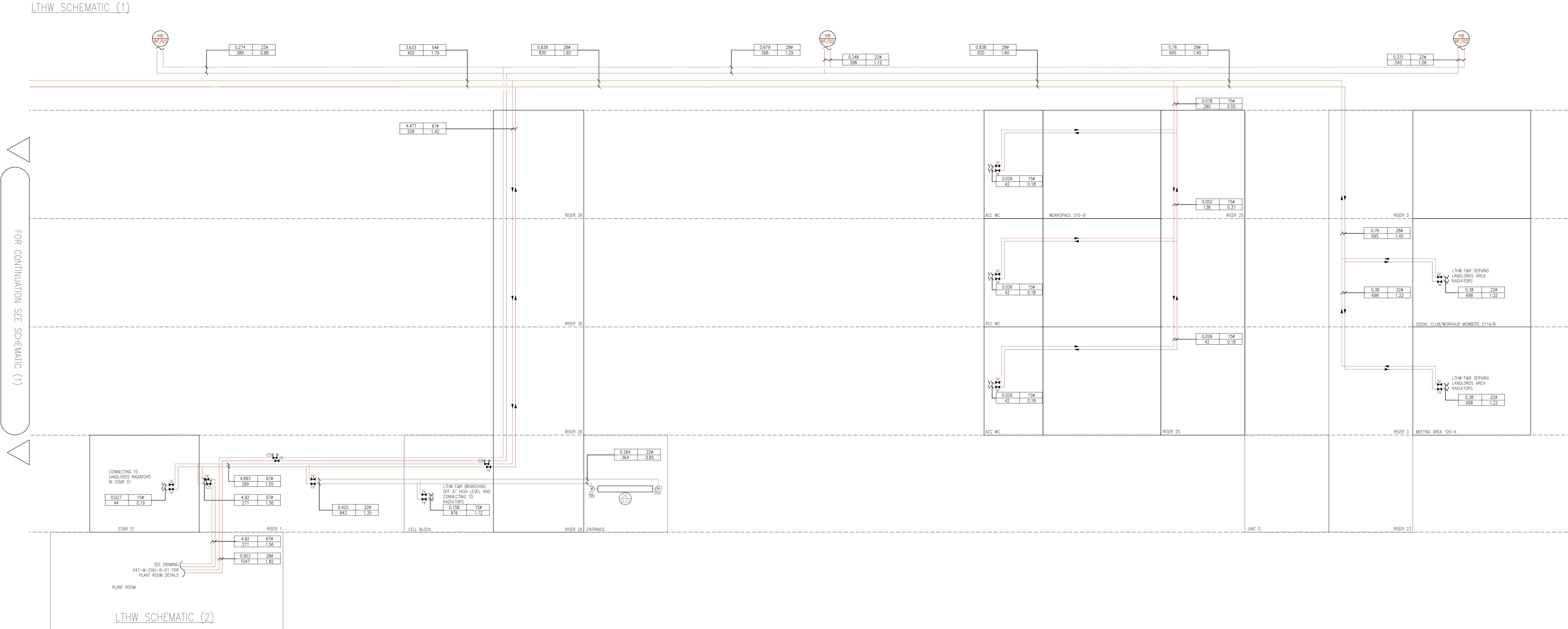
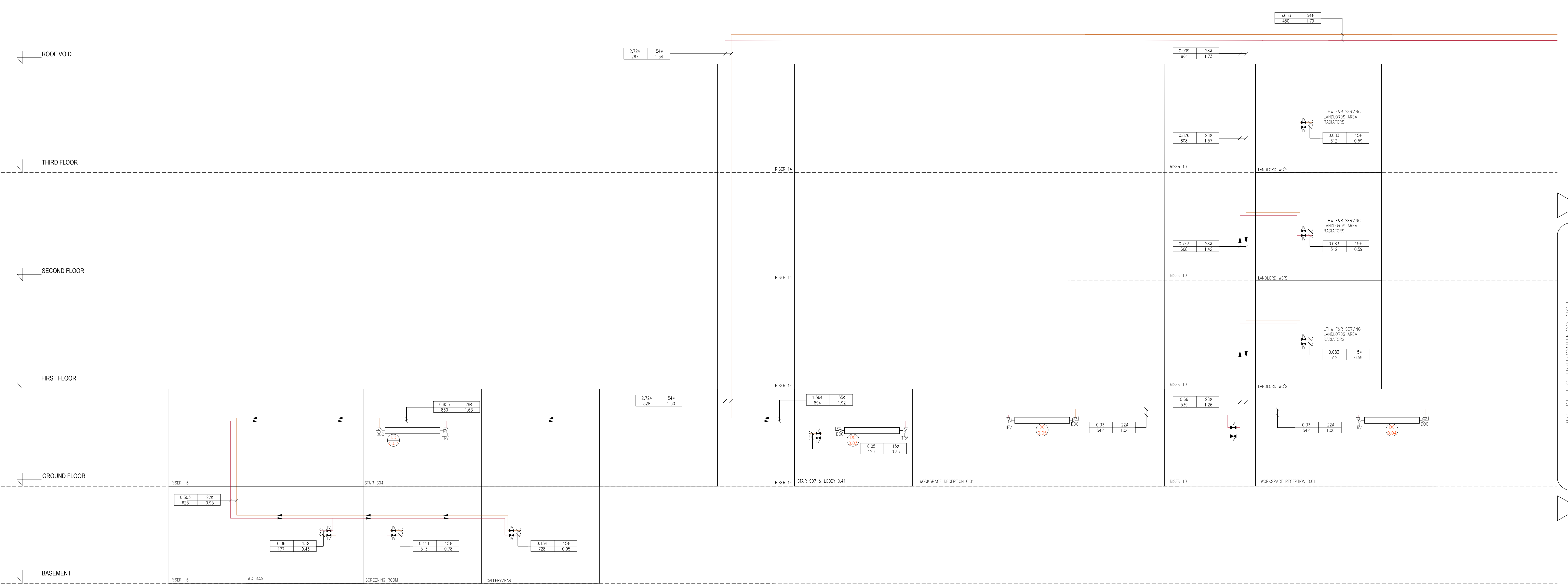




- NOTES
1. DO NOT SCALE FROM THIS DRAWING
 2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS. FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORK
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES
 4. ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT
 5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- HEATING INSTALLATION
1. VALVE ARRANGEMENTS SHOWN ON SCHEMATICS & MANUFACTURER'S INSTALLATION MANUALS SHALL TAKE PRECEDENCE OVER ANY VALVE ARRANGEMENTS SHOWN ON THE (S6) SERIES LAYOUT DRAWINGS
 2. EACH RADIATOR SHALL BE FITTED WITH A THERMOSTATIC RADIATOR VALVE & DRAIN OFF COCK
 3. WHERE LOCATED IN ACCESSIBLE AREA, RADIATORS SHALL BE SET A MEAN WATER RADIATOR TEMPERATURE OF 43°C IN COMPLIANCE WITH HSE GUIDELINES FOR HEATING IN DISABLED AREAS
 4. EACH BOILER SHALL BE SUPPLIED WITH A SAFETY VALVE & PRESSURE RELIEF VALVE
 5. THE DISCHARGE FROM ALL SAFETY AND RELIEF VALVES SHALL DISCHARGE TO DRAIN VIA A TUNDRUSH WITH A VISIBLE AIR GAP LOCATED IN A SAFE AND CONSPICUOUS LOCATION
 6. ALL HEATING PIPEWORK SHALL BE COPPER IN COMPLIANCE WITH BS EN 1027
 7. ALL PIPES THROUGH WALLS, FLOORS & CEILINGS TO BE SLEEVED & FITTED WITH TYPE COVERS IN COMPLIANCE WITH EN 13501-1
 8. FIRE STOPPING IS TO BE PROVIDED AT ALL INSTANCES WHERE PIPEWORK PASSES THROUGH A FIRE COMPARTMENT
 9. MECHANICAL CONTRACTOR TO INCLUDE FOR FILLING, VENTING & BALANCING OF PROPOSED SERVICES AND PRESSURE TESTING OF ALL PIPEWORK IN ACCORDANCE WITH BS 7593
 10. THE BOILER FLUE IS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS & SHALL COMPLY WITH BS 6798
 11. ALL PIPEWORK IN VOIDS / BOXING ETC. NOT PROVIDING USEFUL HEAT, TO BE INSULATED IN ACCORDANCE WITH THE MECHANICAL PARTICULAR SPECIFICATION
 12. WITHIN EACH RISE AND FALL BETWEEN FLOOR LEVELS, ALL MECHANICAL & ELECTRICAL CONTRACTORS SHALL ALLOW FOR OFFSETS DURING INSTALLATION
 13. ZONE VALVES REQUIRED FOR FEEDS TO TOWEL RAILS, RADIATORS AND UNDERFLOOR HEATING MANIFOLDS
 14. ALL RADIATORS TO BE INSTALLED & TESTED IN COMPLIANCE WITH BS EN 442-1
 15. EXPANSION BELLONDS ARE SHOWN INDICATIVE. THE MECHANICAL CONTRACTOR IS TO REVIEW THE DESIGN WITH CONSULTANT AND THEIR PREFERRED VALVE / PIPE EXPANSION SUPPLIER IN ORDER TO DETERMINE QUANTITY AND TYPE OF EXPANSION BELLONDS
 16. ALL RADIATOR POSITIONS ARE TO BE MARKED UP ON SITE AND ALL DIMENSIONS CHECKED PRIOR TO ORDERING. CONSULTANT SHALL NOT BE HELD RESPONSIBLE FOR ANY RESTORING CHARGES SUBJECT TO THIS EXERCISE NOT BEING CARRIED OUT
 17. PIPEWORK ROUTES ARE SHOWN AS 'DESIGN INTENT' AND BASED ON INFORMATION AVAILABLE AT THE DESIGN STAGE. THE NATURE OF THE BUILDING AND SITE CONDITIONS MAY REQUIRE ALTERNATIVE PIPEWORK ROUTES. ANY DISCREPANCIES SHALL BE DISCUSSED AND RESOLVED AS EARLY AS POSSIBLE IN ORDER TO MINIMIZE DELAYS AND UNNECESSARY VARIATIONS

FOR CONTINUATION SEE SCHEMATIC (1)

FOR CONTINUATION SEE DRAWING 647-M-(56)-SCH-02

FOR COMMENT
NOT FOR SITE USE

11.04.22	TENDER ISSUE	15	WJ	RO
07.02.22	TENDER ISSUE	14	WJ	WJ
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02.04.21	TENDER ISSUE	12	WJ	WJ
21.08.21	TENDER ISSUE	11	WJ	WJ
01.08.21	TENDER ISSUE	10	WJ	WJ
01.08.21	TENDER ISSUE	09	WJ	WJ
01.08.21	TENDER ISSUE	08	WJ	WJ
01.08.21	TENDER ISSUE	07	WJ	WJ
01.08.21	TENDER ISSUE	06	WJ	WJ
01.08.21	TENDER ISSUE	05	WJ	WJ
01.08.21	TENDER ISSUE	04	WJ	WJ
01.08.21	TENDER ISSUE	03	WJ	WJ
01.08.21	TENDER ISSUE	02	WJ	WJ
01.08.21	TENDER ISSUE	01	WJ	WJ

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Project
LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD
MANCHESTER, M1

Drawing Title
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SCHEMATIC 1 OF 2
LTHW & HEATING**

Date: 31.03.21 Design By: W.PASSEY Drawn By: W.PASSEY Scale: N.T.S.

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