Do not scale this drawing. All Dimensions must be checked on site. This drawing and all details contained hereon are copyright and must not be reproduced without written permission from Property Tectonics.

Notes.

1. All dimensions in millimetres

2. Drawing to be read in conjunction with the Project Specification.

3. Heating and water services are to remain operational throughout the contract.

4. All services are new unless specified otherwise.

5. Positions and quantities of all equipment shown on drawing are indicative and are for tender purposes.

6. All fans to be Nuaire or approved equivalent.

7. All Hot & Cold water pipework shall be copper conforming to toCopper to BS EN 1057 R250 half hard.

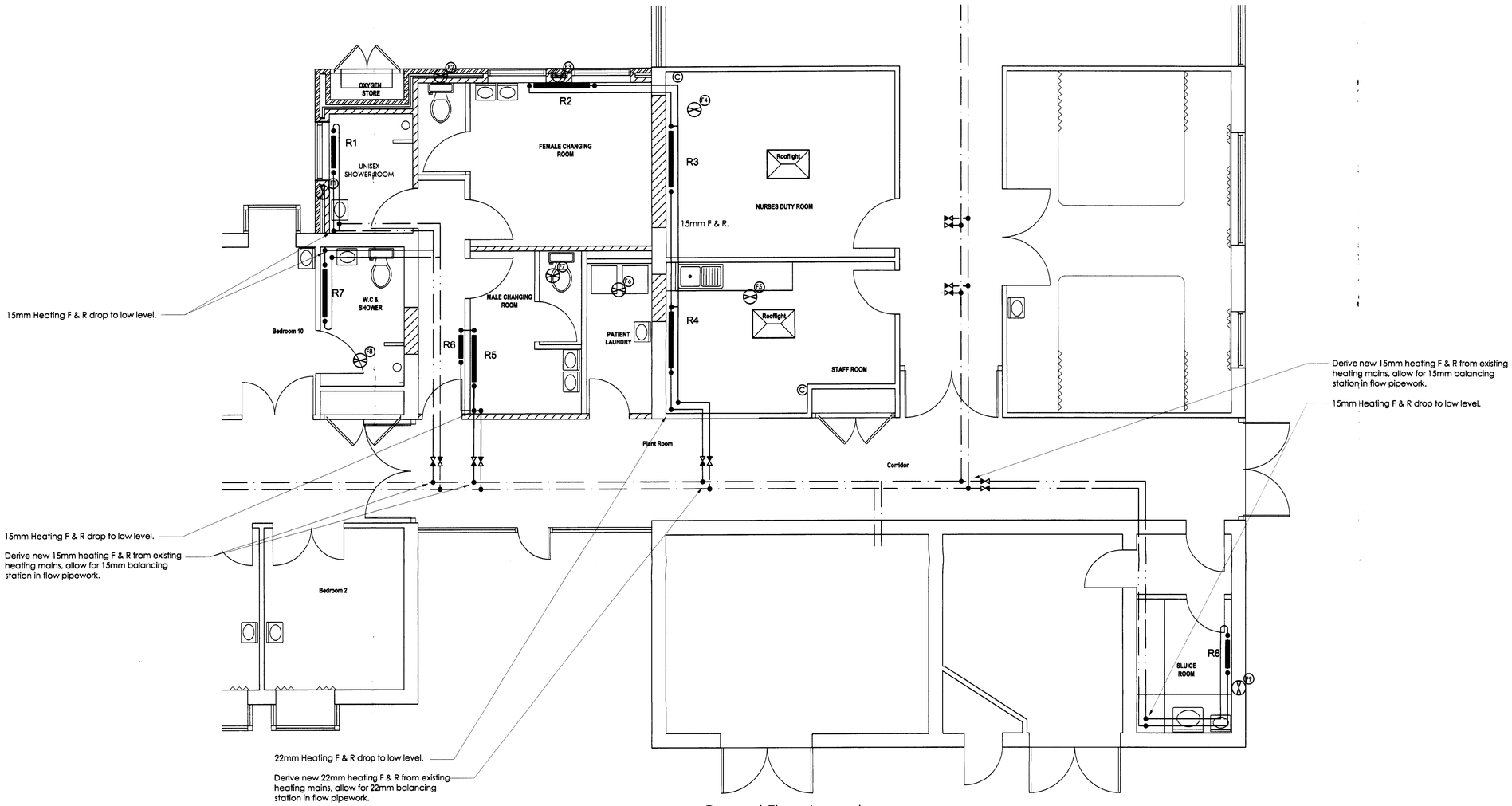
8. Remove all redundant pipework and remove all deadlegs including tees serving deadlegs.

9. All Heating pipework shall be screwded medium grade carbon steel to BS1387.

10. Insulate all new and existing concealed pipework.

11. Label drinking water outlet in new staff room.

12. Final positions of all equipment to be determined on site.



Ground Floor Layout

PLANNING
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Legend

- Existing Pipework in ceiling void to be re-used.
- Existing Pipework/heated panels in ceiling void to be removed.
- New Pipework at low level.
- New Pipework in Ceiling Void.
- Pipework rise to above or drop to below
- Water draw - off (Tap)
- Water draw - off (Appliance)
- Radiator
- F & R — Flow and Return
- MCW — Mains Cold Water
- TCW — Tanked Cold Water
- DHW — Domestic Hot Water
- SR — Secondary Return
- Isolating Valve
- © — Fan speed controller as Nuaire XS-MFC

Extract Fan Schedule

Ref	Manufacturer & Range	Description	Control Method
F1	Nuaire XS6WA Fan + XS PIR6	Wall mounted Fan	integral Control Sensor
F2	Nuaire XS6WA Fan + XS PIR6	Wall mounted Fan	Integral control sensor
F3	Nuaire XS12WA Fan + XS PIR12	Wall mounted Fan	Integral Control sensor
F4	Nuaire XS12FR Fan + XS PIR12	Ceiling mounted ducted to roof	Remote XS-MFC control
F5	Nuaire XS12FR Fan + XS PIR12	Ceiling mounted ducted to roof	Remote XS-MFC control
F6	Nuaire XS6FR Fan + XSH6	Ceiling mounted ducted to roof	Integral Humidistat Control Sensor
F7	Nuaire XS6FR Fan + XS PIR6	Ceiling mounted ducted to roof	Integral Control sensor
F8	Nuaire XS6FR Fan + XS PIR6	Ceiling mounted ducted to roof	Integral Control Sensor
F9	Nuaire XS6WA Fan + XS PIR6	Wall mounted Fan	Integral Control Sensor

Where fan terminates in a roof cowl the contractor shall allow a roof cowl and all interconnecting ductwork and accessories.

Radiator schedule

Ref	Manufacturer & Range	Height (mm)	Length (mm)	Type	No. off
R1	Steirad Elite	700	700	K2	1
R2	Steirad Elite	700	1200	K2	1
R3	Steirad Elite	600	1200	P+	1
R4	Steirad Elite	600	1100	P+	1
R5	Steirad Elite	600	1000	P+	1
R6	Steirad Elite	450	500	P1	1
R7	Steirad LST 2	650	1050	K2	1
R8	Steirad Elite	600	600	P+	1

All radiators shall be fitted with a Thermostatic Radiator valve on flow and a lockshield valve on return.

All Steirad LST2 radiators shall be wall mounted with 150mm kick plate and be complete with integral TRV.

PROPERTY TECTONICS
MANCHESTER
HEYWOOD HALL, BOLTON ROAD
PENDLEBURY, M27 8UX
Telephone: 0161 794 9977 Facsimile: 0161 794 9988

JOB TITLE

Buccleuch Lodge Refurbishment
Withington Hospital
Elizabeth Slinger Road
Manchester M20 2XA

DRAWING TITLE

Day Care Unit
Extension Layout

Proposed Heating & Mechanical Services Layout

DATE	27/02/08	DRAWN	ISF
SCALE	1:50 @ A1	CHECKED	

DRAWING NUMBER	REVISION
J6184/ME/04	-