Lift

Shower

Bed 1

Bed 2

Bed 1

Living

Living

Ensuite

Linen

Bed 1

Bed 2

Living

Bed 2 Bed 1

Linen

Cupd

Living

Dining

Dining

Bed 1

Bed 2

Living

Cupd

W

Kitchen

Dining

Bed 1

Bed 2

Cupd

Living

Dining

Kitchen

Kitchen Dining

Living

Bed 1

Bed 2

Coats

Kitchen

W

Lift

Lift

W

Ensuite

Shower

Linen

W

Shower

Ensuite

Shower

Ensuite

W

Linen

Shower

FLAT 3

FLAT 14

FLAT 4

FLAT 15

FLAT 25

FLAT 26

FLAT 27

Shower

Ensuite

W

Shower

W

W/M W/M

UP

UP

UP

Ensuite

Kitchen

V

D

D

BRIGHTON MARINA

FIRST FLOOR
MECHANICAL SERVICES LAYOUT

FLATS 3,4,14,15,25,26 & 27

BERKELEY HOMES

8452

JOB No:

DRAWING:

CLIENT

JOB:

/04

DRAWING No: REV

FAX No 0181 300 2771

1/50

WHITECODE DESIGN

TEL No 0181 302 6566

SCALE:

ASSOCIATES LTD

FEB'00 BIF

KENT DA15 7AB
E-MAIL: Whitecode@btinternet.com

DATE: DRAWN: CHECK:

128A STATION ROAD, SIDCUP

REV DATE DESCRIPTION DRAWN

SOUTHERN

TO RISE ABOVE.

GAS FROM BELOW

GAS IN CEILING VOID

VENTILATED FROM RISER

TO RISE ABOVE.

GAS FROM BELOW

GAS IN CEILING VOID

VENTILATED FROM RISER

TO RISE ABOVE.

GAS FROM BELOW

GAS IN CEILING VOID
VENTILATED FROM RISER

STEEL BARREL GAS PIPE

TO RISE UP THRU THE

BUILDING TO BE BOXED

IN AND VENTILATED AT

HIGH & LOW LEVEL IN

RISER LOBBY CEILING

TO BE VENTILATED BACK

TO RISER & BOXED IN

LESS THAN 10,000mm

square WHEN ENTERING
FLAT.

GAS METER & VALVE TO

BE LOCATED IN THE

NEAREST CUPBOARD IN

FLAT.

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4

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22. 22mm HOT FROM CYLINDER UNIT TO RISE TO CEILING VOID.

20. 28mm ISOLATING VALVES FITTED IN RISER CUPBOARD TO BE SUITABLE LABELED.

19. COOKER HOOD TO 220x50 OR 300x25 FLAT DUCT TO DOUBLE AIR

18. 15mm HTG. F&R FROM CEILING VOID TO L/L WITH DOC AT LOW POINTS.

17. 22mm MAIN RUN IN CEILING VOID TO BE FULLY INSULATED.

FITTED. ALL VALVES SHALL BE ACCESSIBLE AT H/L. ALL PAPERWORK TO

A 28mm 3 BAR PRESSURE REDUCING VALVE & INLINE STRAINER SHALL BE

WITH STOPCOCK & DOUBLE CHECK VALVE & DRAIN OFF COCK FITTED.

16. 28mm COPPER MAIN ENTERING FLAT AT HIGH LEVEL IN CEILING VOID

15. 15mm H&C TO THERMOSTATIC SHOWER MIXER, 42mm SHALLOW SEAL

EITHER TO SVP OR TO JOIN BATH WASTE IN 50mm FLOAT. LONG RUNS

14. 10mm H&C TO BASIN, 32mm WASTE TO DROP TO L/L IN 42mm TO RUN

12. 110mm WASTE FROM PAN TO STUB STACK. 15mm COLD TO WWP WITH

JOIN BASIN WASTE AND THEN RUN IN 50mm TO COLLAR BOSS ON STUB

OR 15mm CONNECTIONS TO TAPS, 42mm WASTE TO RUN AT L/L TO

11. 22mm H&C TO BATH WITH FLOW RESTRICTORS FITTED SET AT 15L/MIN.

CABLES WHERE THIS CANNOT BE ACHIEVED THE FLUE SHALL BE INSULATED

FROM ANY COMBUSTIBLE MATERIAL AND 150mm FROM ANY ELECTRICAL

THE BOILER AS RECOMMENDED BY MANUFACTURER. FLUE TO BE MIN. OF 25mm

10. 2 No. 50mm BOILER FLUES RUN IN CEILING VOID TO FALL AWAY FROM

ELECTRICAL ISOLATOR TO BE FITTED AT HIGH LEVEL ABOVE BATHROOM

8. CEILING MOUNTED EXTRACT UNIT AS 'VORTICE' WITH TRIPLE POLE

7. 220x25mm EXTRACT DUCT IN CEILING TO EXTERNAL SINGLE AIR BRICK

LAGGED. ALL LOW POINTS TO BE FITTED WITH DRAIN OFF COCKS.

TO RADIATOR. IF PIPES TO BE FITTED ON EXTERNAL WALLS THE PIPES SHALL BE

6. 10mm HEATING F&R TO DROP IN STUD WALL OR BEHIND PLASTER BOARD

2. 22mm HEATING F&R RISE TO CEILING VOID. ALL HIGH POINTS TO BE FITTED

ANY COMBUSTIBLE MATERIAL AND 150mm FROM ELECTRIC CABLES.

TO RUN TO EXTERNAL WALL. NOTE: FLUES MUST NOT BE WITHIN 25mm OF

INDICATED ON THE DRAWING. FLUES TO RISE UP TO CEILING VOID SPACE

1. IMI POWERMAX COMBINED BOILER AND CYLINDER UNIT MODEL AS

24. 220x50 OR 300x25 FLAT DUCT IN CEILING VOID

23. 28mm MAIN FROM CEILING VOID TO CYLINDER UNIT.

21. 22mm COLD MAIN TO KITCHEN

BRICK.

WASTE TRAP TO RUN TO COLLAR BOSS ON STUB STACK.

WASTE SHALL HAVE ANTI-SYPHONE TRAPS FITTED.

SERVICE VALVE. 22mm OVERFLOW TO SHOWER/ BATH MANIFOLD .

BY THE MECHANICAL CONTRACTOR.

BE LAGGED.

STACK.

9. 110mm SOIL VENT FROM BELOW TO VENT TO ABOVE

DOOR TO BE SUITABLY LABELED.

5. 15mm HEATING F&R IN CEILING VOID

4. 22mm HEATING F&R IN CEILING VOID

3. 15mm HEATING F&R TO TOWEL RAIL AT L/L

WITH AIR RELEASE VALVES FOR FILLING AND VENTING.

METRE, GAS COCK TO BE FITTED ON BOILER. ALL VOIDS TO BE VENTED.

42. 10mm HTG F&R AT L/L

41. 22mm GAS DROPS FROM CEILING VOID TO RUN AT L/L IN CUPBOARDS

40. 22mm H&C AND GAS RUN AT L/L IN CUPBOARDS

39. 22mm H&C DROP TO L/L IN BOXING

38. 22mm H&C IN CEILING VOID

THEN RUN AT L/L IN KITCHEN CUPBOARDS

37. GAS, COLD & HOT WATER SERVICES DROP TO L/L IN BOXING

36. 22mm GAS TO COOKER IN VENTILATED CEILING VOID

35. 22mm COLD MAIN AND 22mm HOT TO KITCHEN IN CEILING VOID

RUNNING TRAP TO STUB STACK.

34. 15mm VALVED CWS TO DISHWASHER 42mm STANDING WASTE VIA

33. 22mm GAS TO COOKER RUN IN VENTILATED CEILING VOID.

TO SERVE COOKER

32. 22mm GAS TO BOILER TO CONVERT TO 15mm IN LAST

30.15MM HTG F&R AT L/L.

29. 15mm H&C TO BIDET.

BE VIA 100mm HOLE IN FLOOR SLAB WITH FITTED INTUMESCENT FIRE

METAL DUCT TO SUITABLE ROOF TERMINAL. VENTILATION TO RISER SHALL

BOXING TO BE VENTILATED AT BASE OF RISER AND AT ROOF WITH 100mm

BARREL BY 'TRANSCO' IN A VENTILATED BOXING BY MAIN CONTRACTOR.

28. MAIN GAS RISER FROM BELOW TO ABOVE TO BE RUN IN SCREWED

27. GAS CONNECTION FOR COOKER.

26. 10mm H&C TO SINK 42mm WASTE TO SVP

WASTE TO JOIN SINK WASTE UNDER SINK BOWL.

25. 15mm H&C SERVICES VALVED CONNECTIONS TO WASHING MACHINE,

RUN IN CAR PARK.

COLLAR FITTED.

AND VALVE IN CUPBOARD.

31. 22mm GAS MAIN IN VENTILATED CEILING VOID TO GAS METER

43. PIPES DROP TO L/L. 44. HOT & COLD WATER SERVICES AT L/L IN BOXING / DUCT.

D

B FEB 2000 GAS METERS ADDED B.F.

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C MAR 2000 REVISED TO LATEST LAYOUT S.F

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D APR`00 REVISED TO LATEST LAYOUT S.F

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