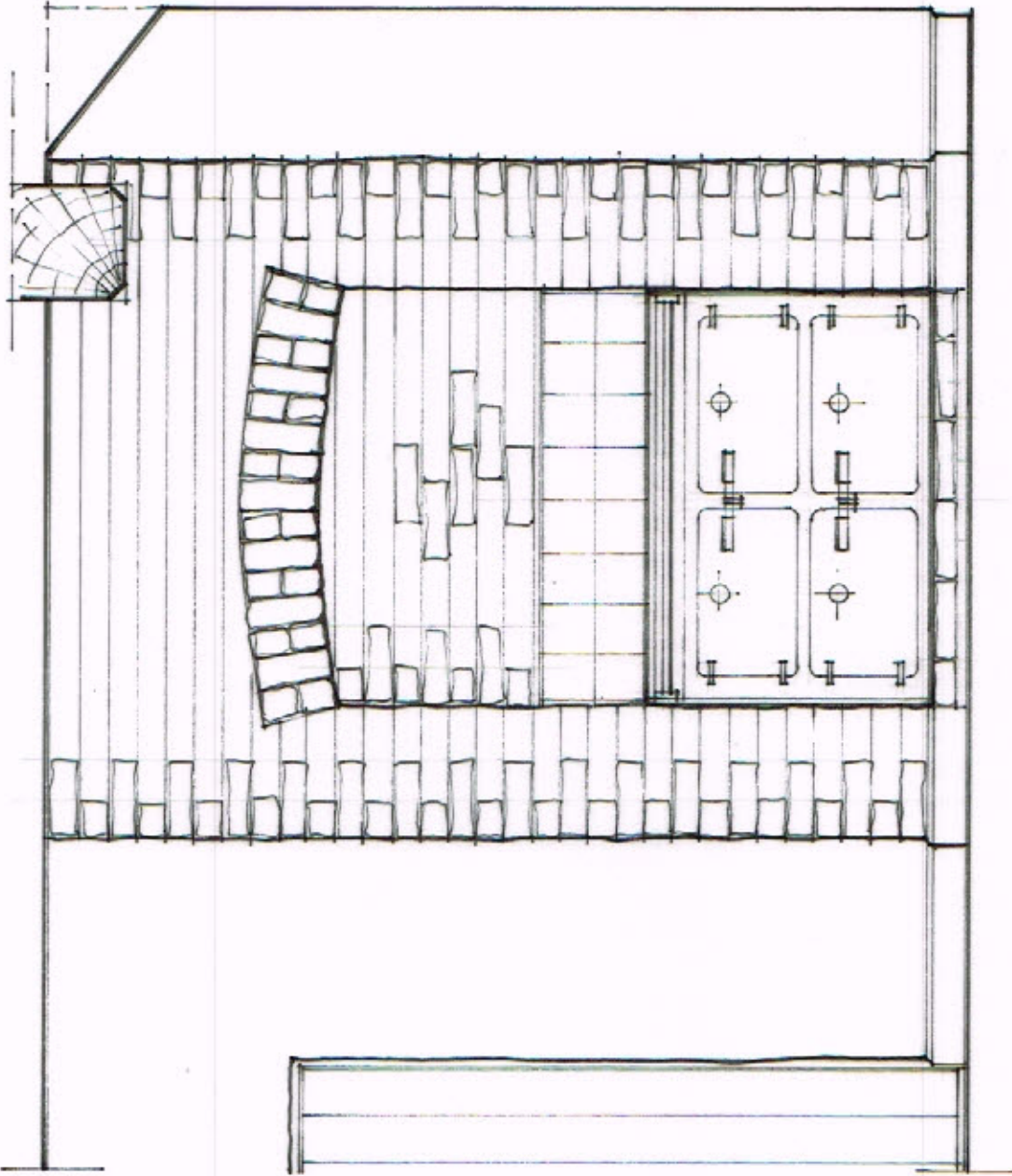
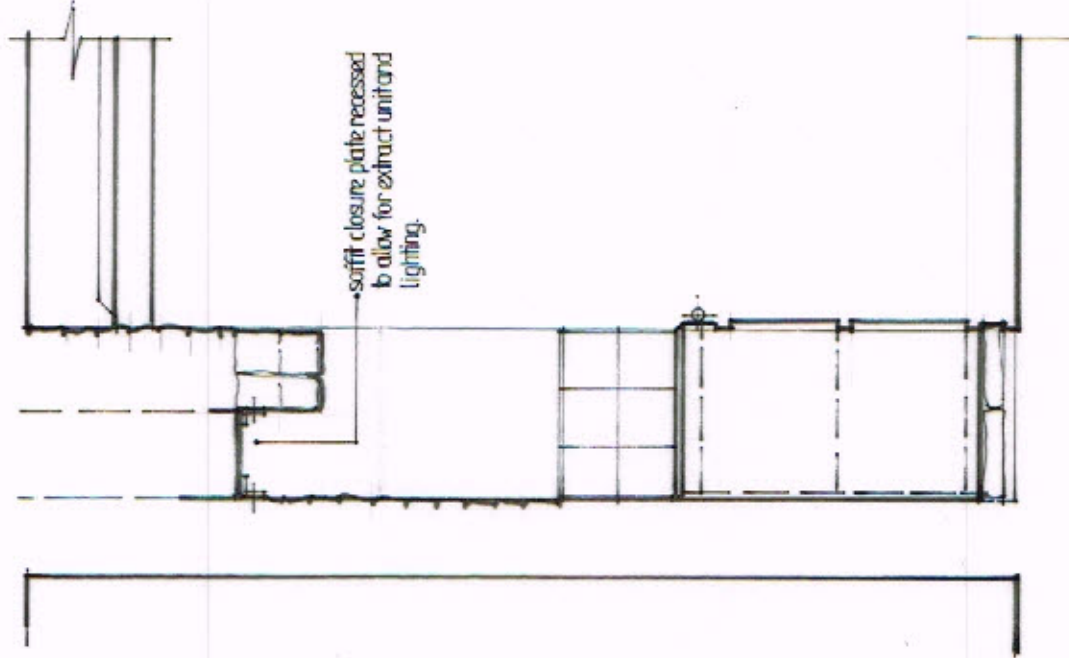


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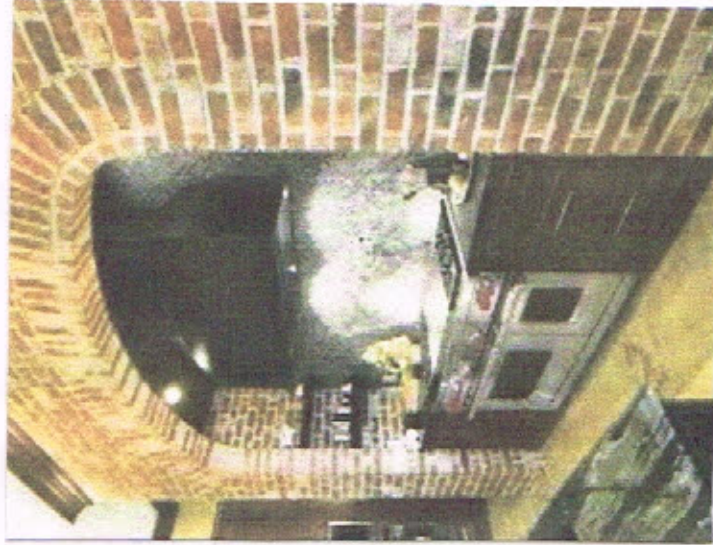
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Fireplace F1 - Front Elevation As Proposed. [1:20 scale]



Cross-Section As Proposed.



KITCHEN FIREPLACE F1 - AS PROPOSED.

- **Walls:** Facing brick to chimney breast to be exposed, cleaned off and re-pointed in lime mortar, two coarse tiled splash-back to alcove above new electric stove.
- **Hearth:** Salvaged Dennis Ruabon 'Heather Brown' quarry tile to raised hearth finishing flush with chimney breast, tiles to be lime mortar bedded and pointed over existing hearth base
- **Construction:** Original brick arch to be exposed and later lower flue infill / closure removed.
- **Soffit Closure:** Flue soffit closed off in 6mm steel plate on 25 x 25mm steel angle frame expansion bolted to side walls, all assembly joints to be sealed gas-tight.
- **Heat Producing Appliance:** Replacement electric cooker with possible extract unit above exhausting to chimney flue.
- **Note:** Samples of all new / replacement materials to be approved for use in advance by Planning Officer.

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Client: Mr. D. Lewis

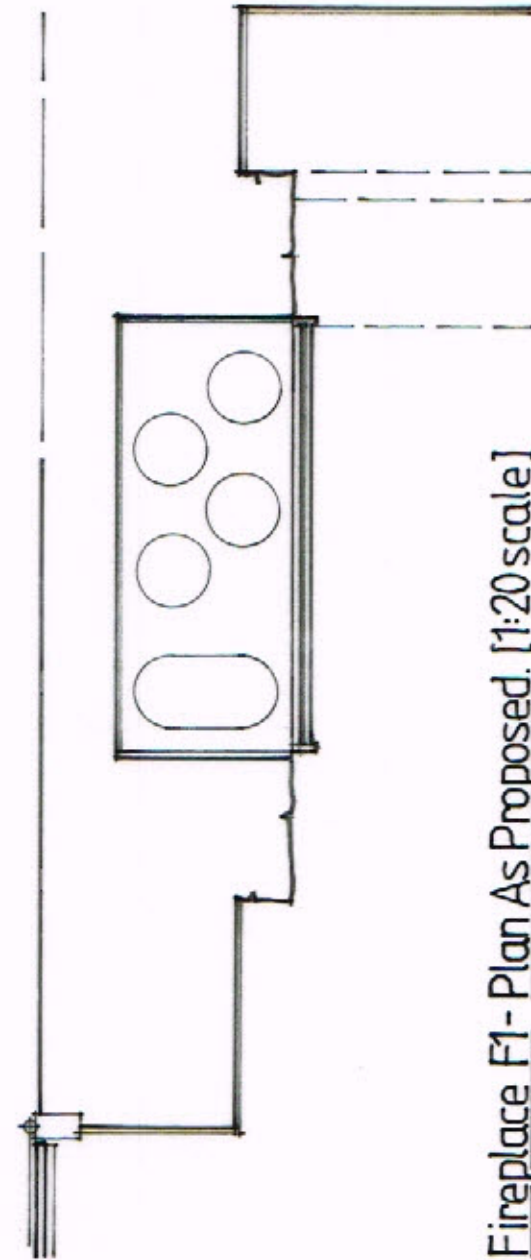
Scheme: Houghton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

Drwg Title: KITCHEN FIREPLACE F1 - AS PROPOSED.

Job No. / Drwg. No. / Rev. 406 / PD01 / -

Scale. 1:20 (@ A3)

Date. Oct. 2014.



Fireplace F1 - Plan As Proposed. [1:20 scale]

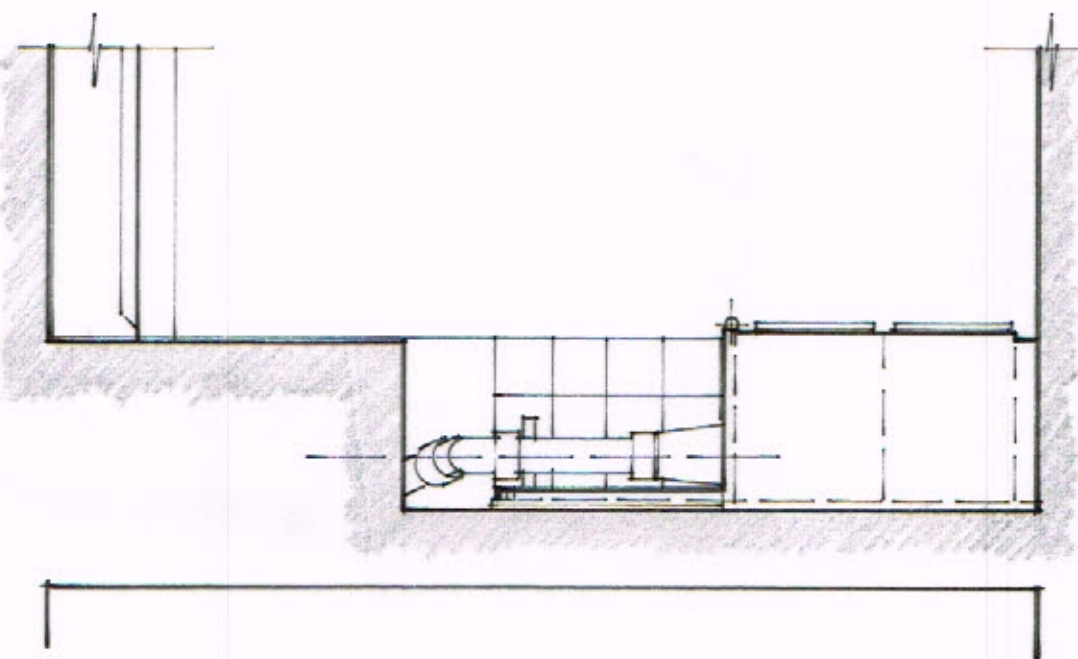
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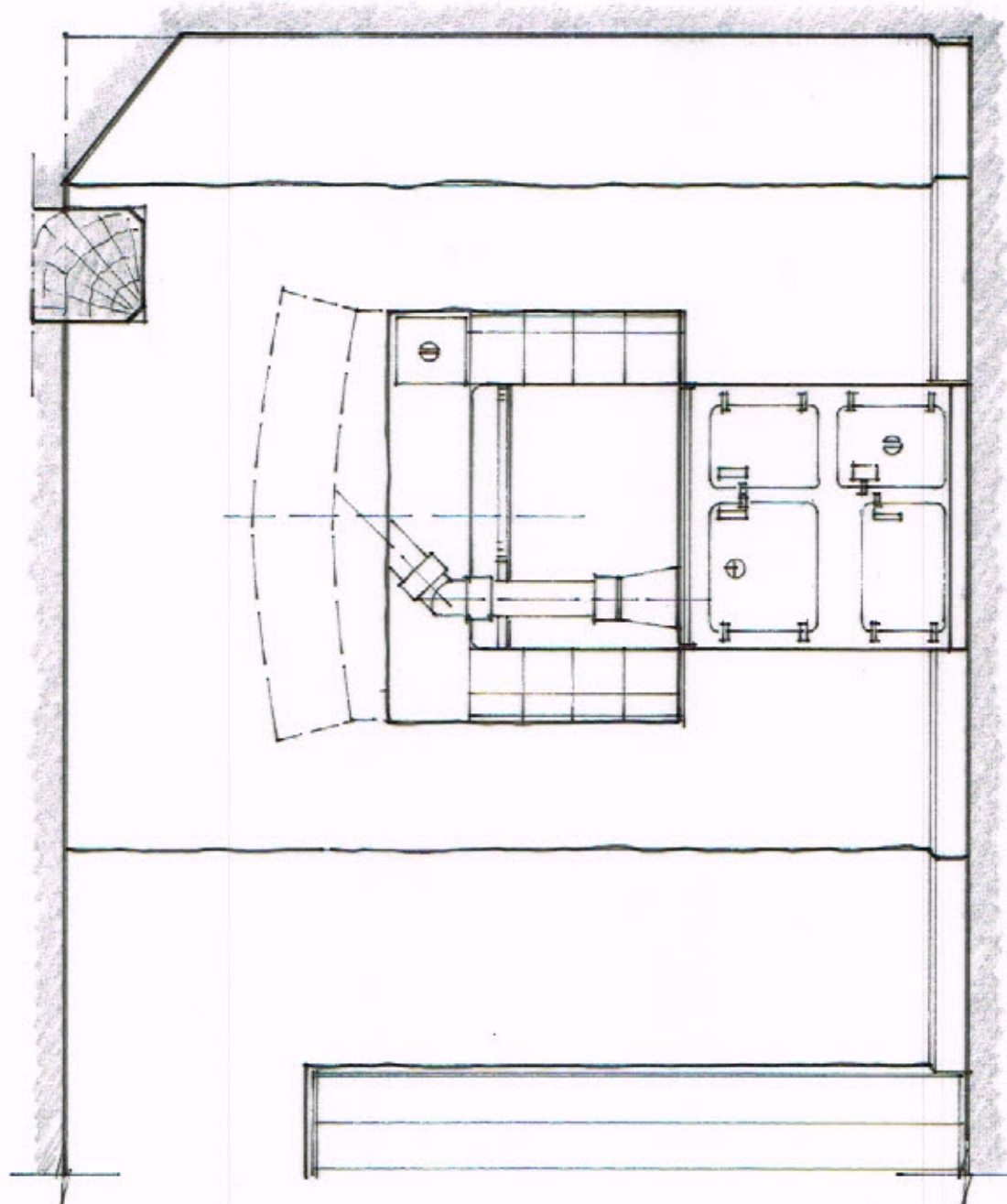


KITCHEN FIREPLACE F1 - AS EXISTING.

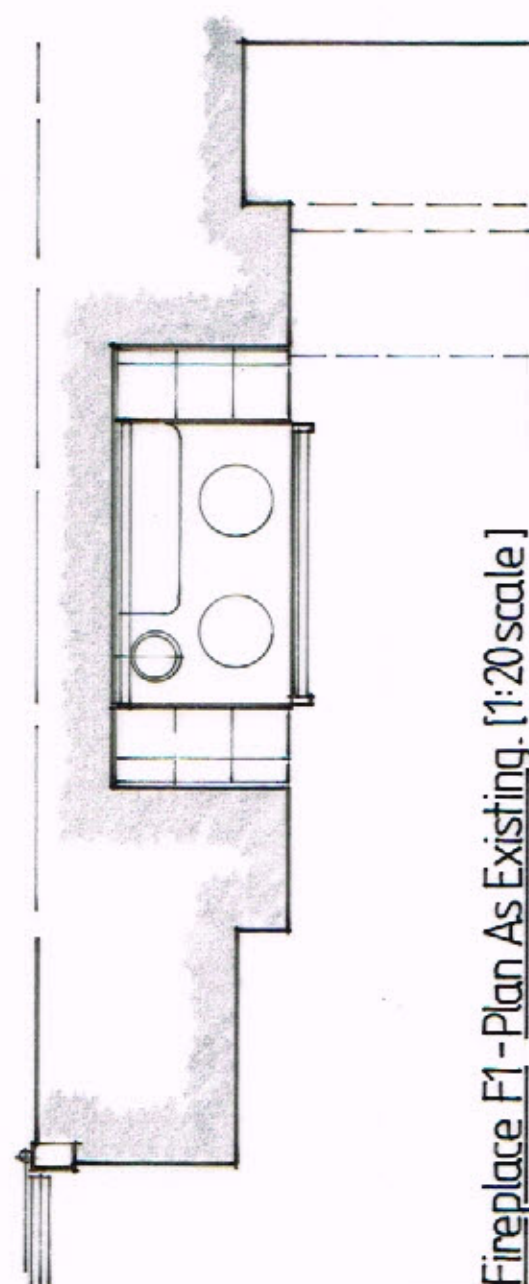
- **Walls:** Painted lime plaster surround, skimmed plaster on render with tiled finish to alcove above Aga.
- **Hearth:** Hearth occupied by cream enamel vintage Aga oven with raised plate warming rack.
- **Construction:** Original brick arch to structural opening previously reduced in height by timber/concrete lintel with infill to form flat soffit.
- **Soffit Closure:** Mass brick infill to form flat soffit closure with black vitrified cast-iron flue pipe passing through to flue.
- **Condition:** No signs of structural movement, however indications of rising damp to side walls.



Cross-Section As Existing.



Fireplace F1 - Front Elevation As Existing. [1:20 scale]



Fireplace F1 - Plan As Existing. [1:20 scale]

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Client: Mr. D. Lewis
Scheme: Haighton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.
Dwg Title: KITCHEN FIREPLACE F1 - AS EXISTING.

Job No. / Dwg. No. / Rev. Scale. Date.
406 / EX06 / - 1:20 (@ A3) Oct. 2014.

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LOUNGE FIREPLACE F2 - AS PROPOSED.

- **Walls:** Paint & wallpaper on lime plaster surround new return walls and chimney breast in lime plaster, with new handmade red clay facing brickwork lining wall to hearth back.
NB: Curved plaster returns to align flush with facing brick hearth liner walls.
- **Hearth:** Salvaged Dennis Ruabon 'Heather Brown' quarry tile hearth projecting forward of chimney breast, tiles to be lime mortar bedded and pointed on new 150mm concrete slab base over sheet dpm
- **Construction:** Original fireplace removed and flue opening closed off, new brick chimney breast aligned with existing flue and raised on new concrete slab foundation, keyed back to existing wall and finished in lime plaster & skim, 150 x 225mm oak beam backed by 100 x 150mm steel angle (rebated flush to soffit) to carry new front wall over hearth and 152 x 152mm steel RSJ set internally to carry inside skin of flue to existing wall.
- **Soffit Closure:** Flue soffit closed off in 6mm steel plate on 25 x 25mm steel angle frame expansion bolted to side walls, all assembly joints to be sealed gas-tight.
- **Heat Producing Appliance:** Multi-fuel black cast-iron stove 580mm wide x 430mm deep x 640mm high (stove Client supply item). Connected by black glazed steel flue inc. 'flue damper' and 'soot door' to flue soffit spigot and 155mm dia. Class 1 / 316 grade double skin stainless steel flexible 'multi-fuel' liner flue up to chimney outlet, with stainless steel flue terminal to chimney pot. Flue construction and casings to comply with B/Regs Part J.

NB: Flue also to have soot trap T-connection to stove back outlet.

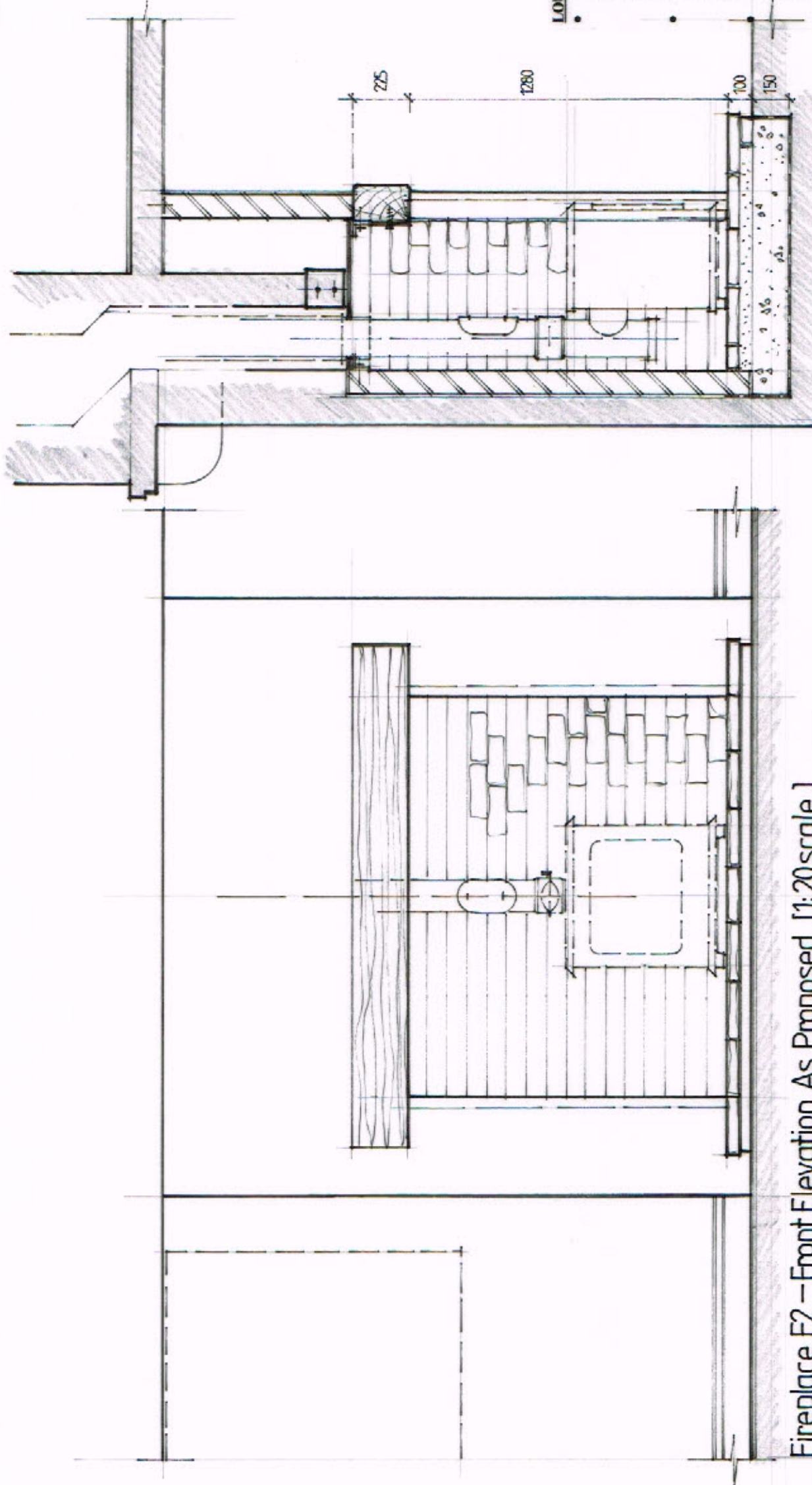
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Client: Mr. D. Lewis
Scheme: Haighton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

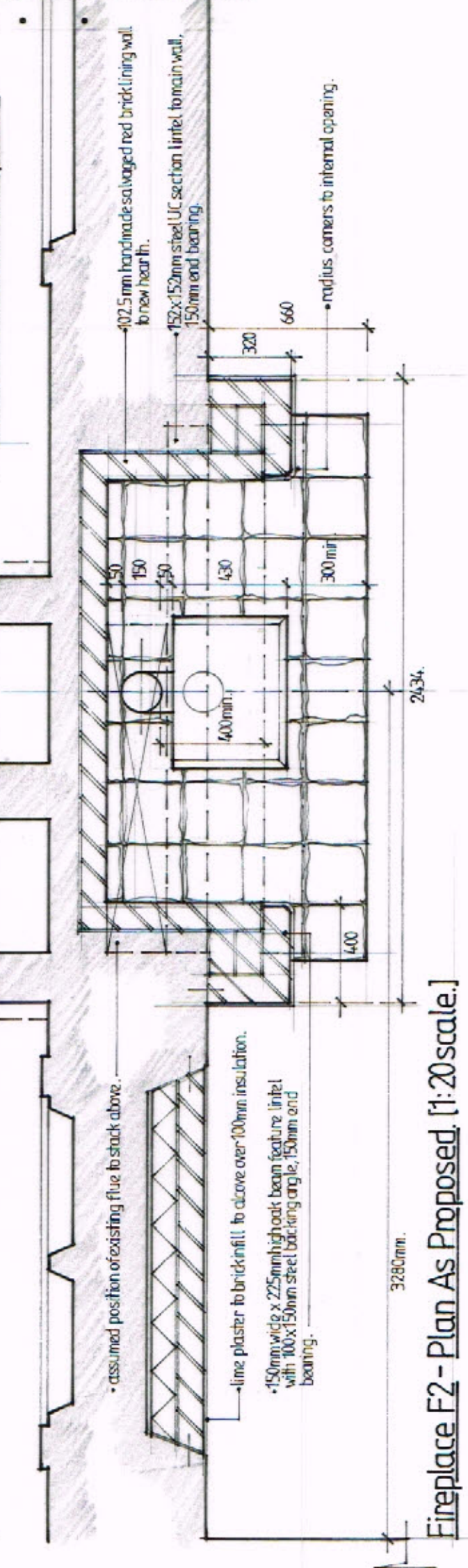
Drq Title: LOUNGE FIREPLACE F2 - AS PROPOSED.

Job No. / Drq. No. / Rev. 406 / PD02 / -
Scale: 1:20 (@ A3)
Date: Oct. 2014.

Note: Samples of all new / replacement materials to be approved for use in advance by Planning Officer.

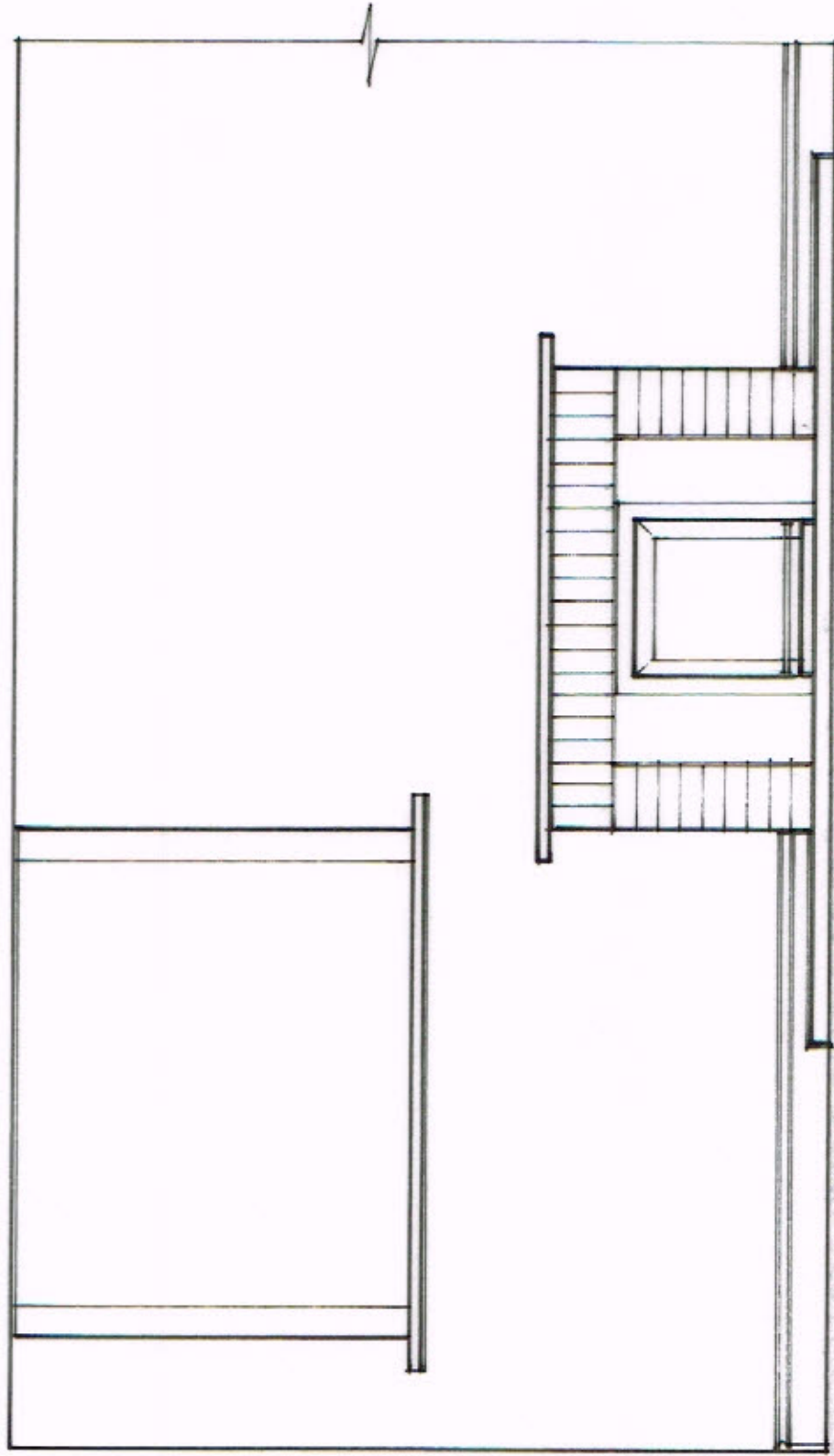


Cross-Section As Proposed.

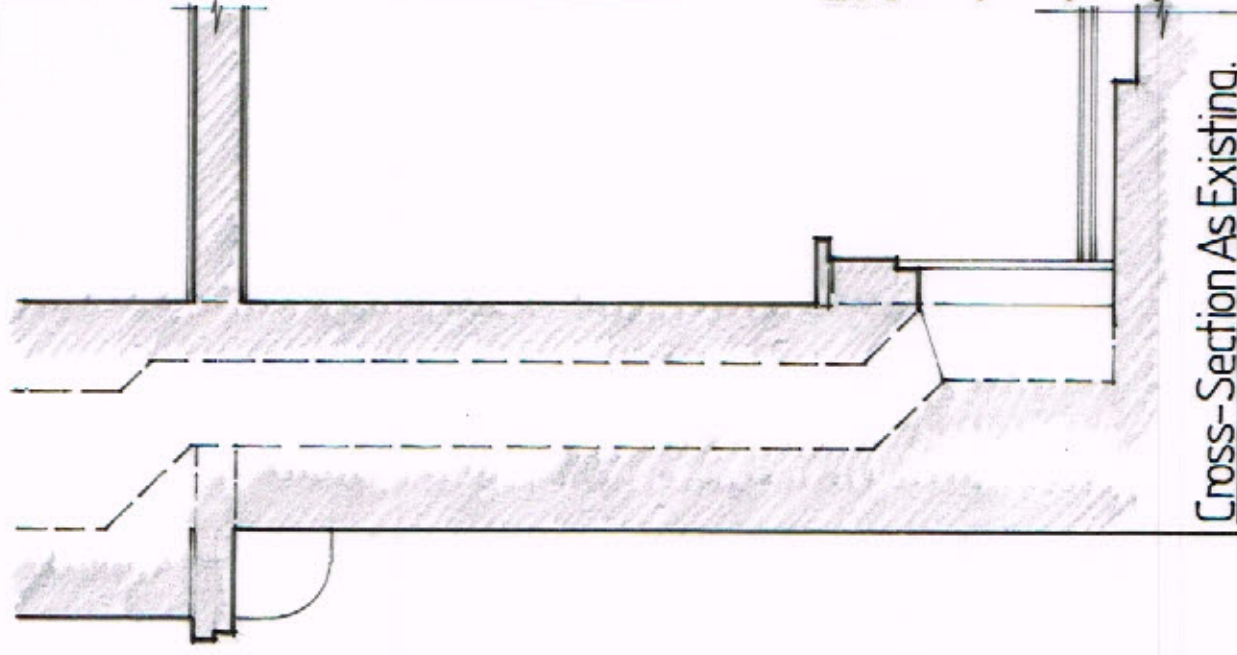


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Fireplace F2 - Front Elevation As Existing. [1:20 scale]



Cross-Section As Existing.



Fireplace F2 - As Existing.

LOUNGE FIREPLACE F2 - AS EXISTING.

- **Walls:** Paint & wallpaper on lime plaster surround.
- **Hearth:** Modern brown glazed quarry tile hearth projecting forward of chimney breast, brick slip tiled fire surround with hardwood mantle.
- **Construction:** Original fireplace alcove bricked up flush, no apparent indications of earlier construction or outline of opening.
- **Soffit Closure:** Assumed mass brick infill to form throated flue to pre-formed fireclay back with open grate.

Condition: No signs of structural movement or apparent signs of damp, however Client reports bricks dislodging and falling from internal flue lining periodically, suggesting advanced decay of lining.

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Scheme: Haighton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

Dwg Title: LOUNGE FIREPLACE F2 - AS EXISTING.

Job No. / Dwg. No. / Rev. 406 / EX07 / -

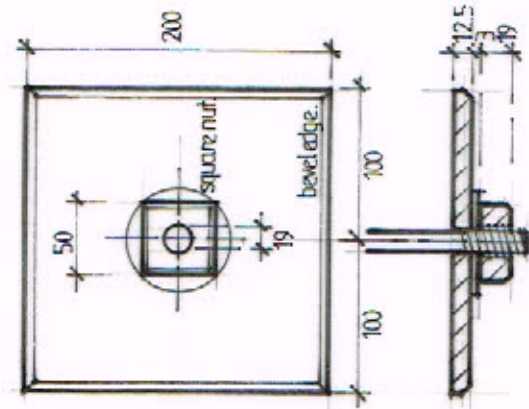
Scale. 1:20 (@ A3)

Date. Oct. 2014.

Fireplace F2 - Plan As Existing. [1:20 scale.]

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Arch Support Plate. [1:5scale]

DINING ROOM FIREPLACE F3 - AS PROPOSED.

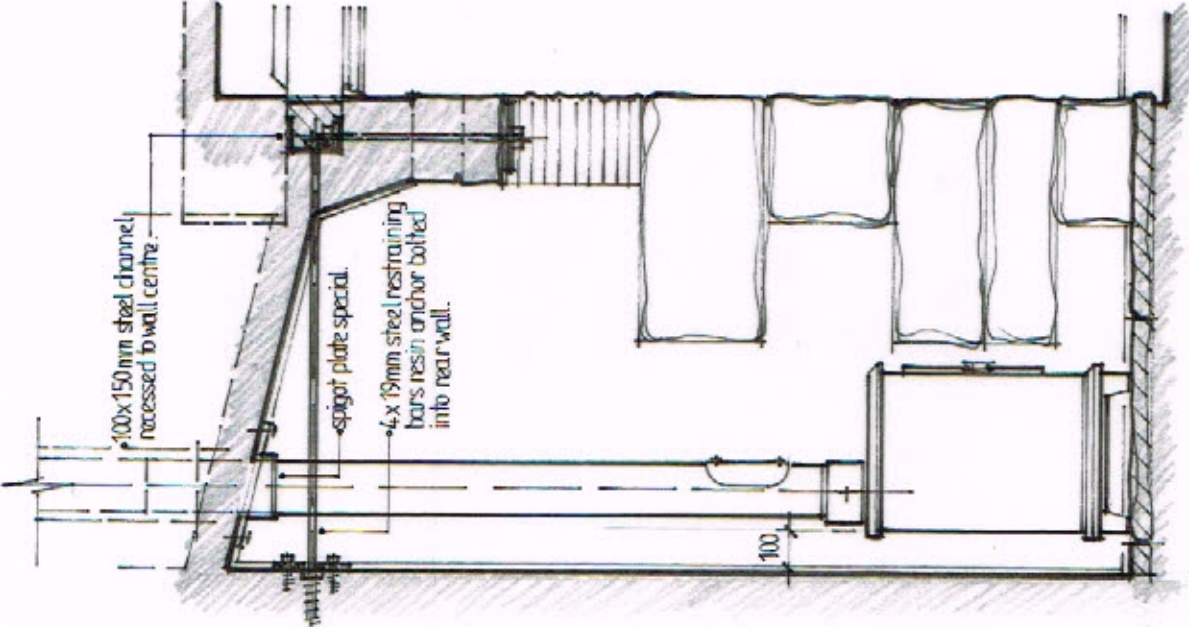
- Walls:** Painted lime based plaster & skim to surround wall and to internal alcove walls.
- Hearth:** Natural limestone paving flags, bedded and pointed in lime based mortar to finish 100mm above fl.
- Construction:** Earlier fireplace, infill flue and alcove shelving to be removed, walls made good and re-plastered, as above.
- Existing tri-radius brick arch to be reinforced by the introduction of a 100x150mm steel channel section cut into the wall above the arch at high level. Arch to be supported by end plate to drop rod on centre line and restrained by four tie rods secured to the back wall of the flue just below the flue soffit level.
- Soffit Closure:** New brick jack-vault infill section between existing flue shoulders, load jack-vault from above with mass infill to stabilise construction.
- Heat Producing Appliance:** Multi-fuel black cast-iron stove 760mm wide x 460mm deep x 680mm high (stove Client supply item). Connected by black glazed steel flue inc. 'flue damper' and 'soot door' to flue soffit spigot and 155mm dia. Class 1/316 grade double skin stainless steel flexible 'multi-fuel' liner flue up to chimney outlet, with stainless steel flue terminal to chimney pot. Flue construction and casings to comply with B/R/Regs Part J.

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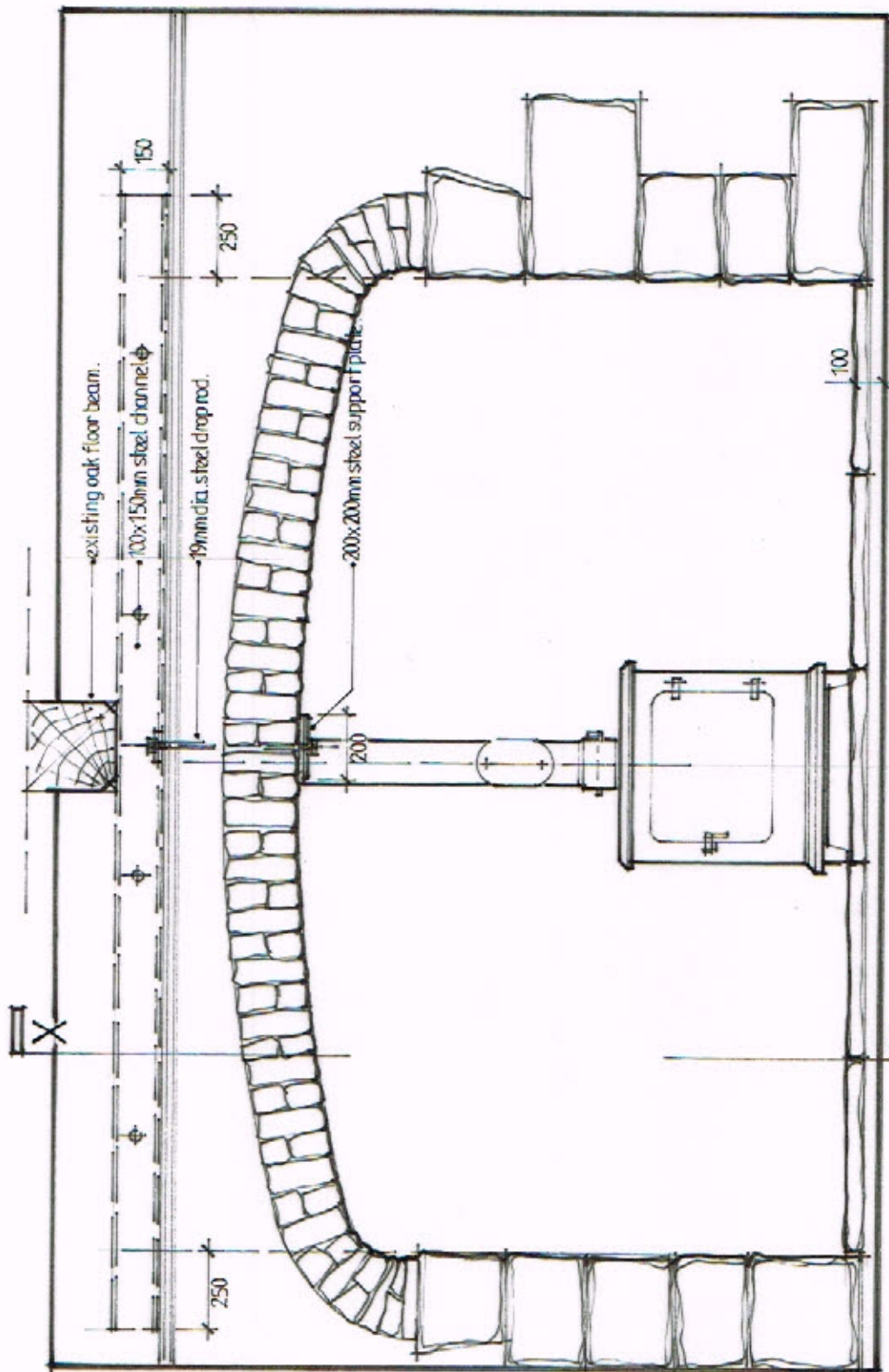
Client: Mr. D. Lewis
Scheme: Haighton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

Drg Title: DINING ROOM FIREPLACE F3 - AS PROPOSED.

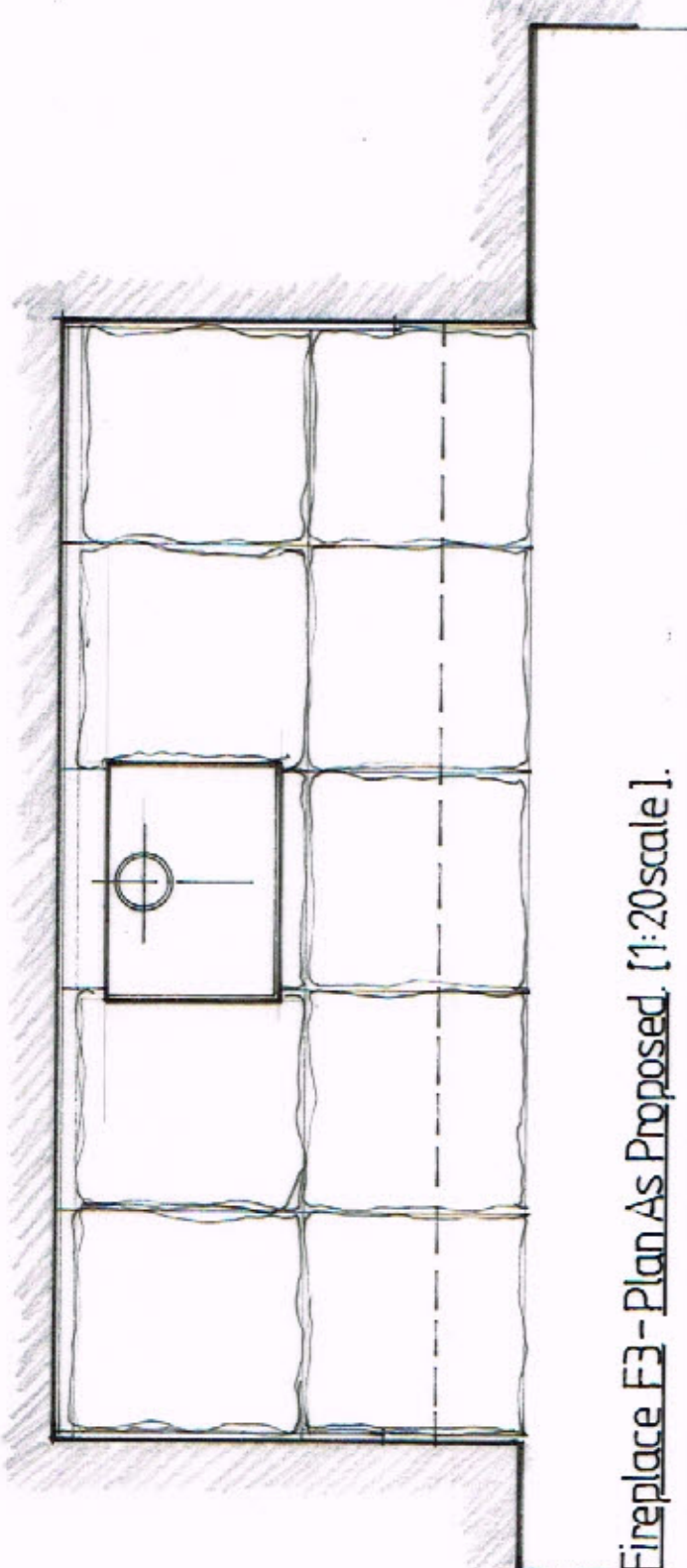
Job No. / Drg. No. / Rev. 406 / PD003 / -
Scale: 1:20 (@ A3)
Date: Oct. 2014.



Cross-Section X-X. [1:20scale].



Fireplace F3 - Front Elevation As Proposed. [1:20scale].

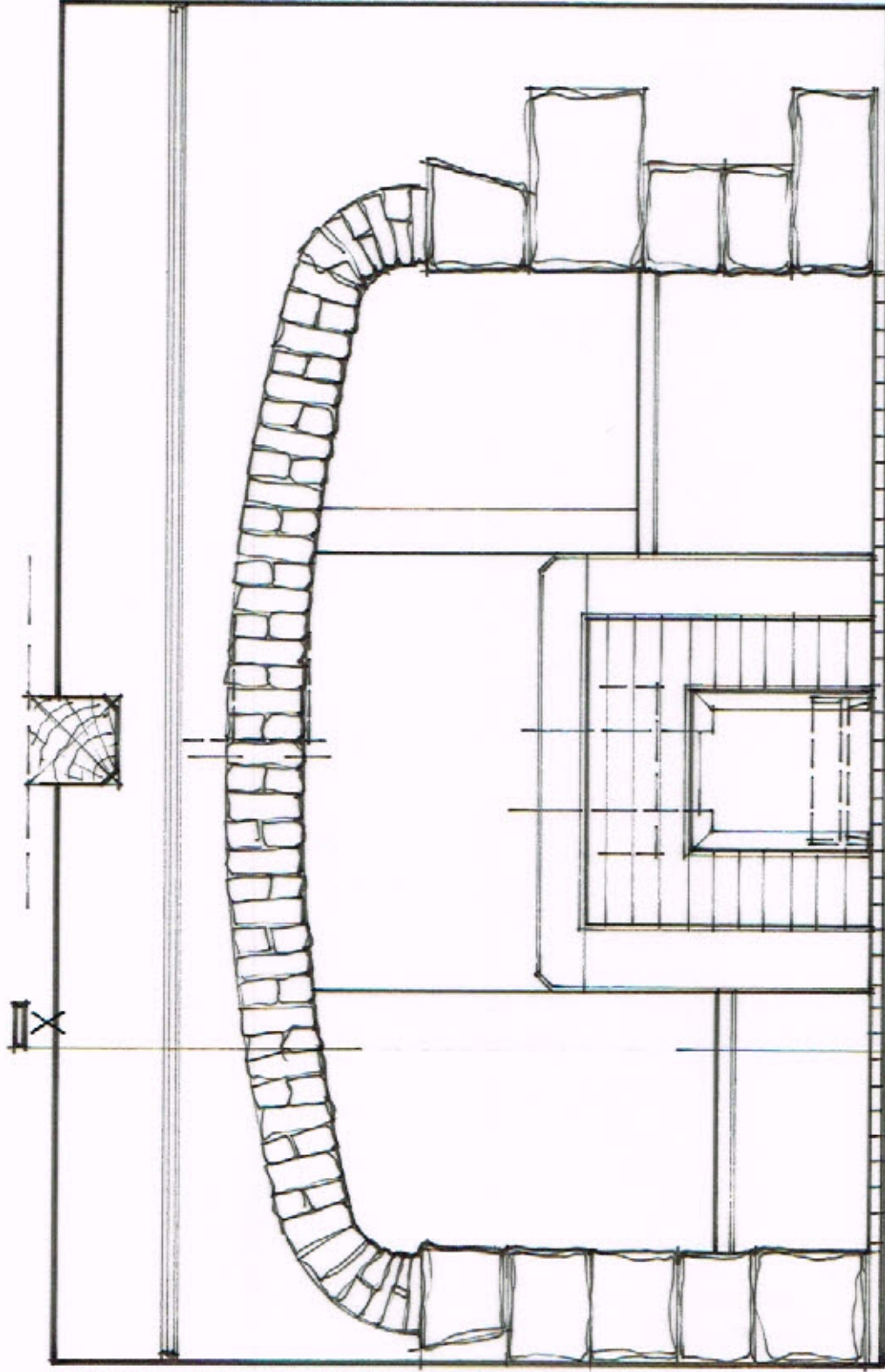


Fireplace F3 - Plan As Proposed. [1:20scale].

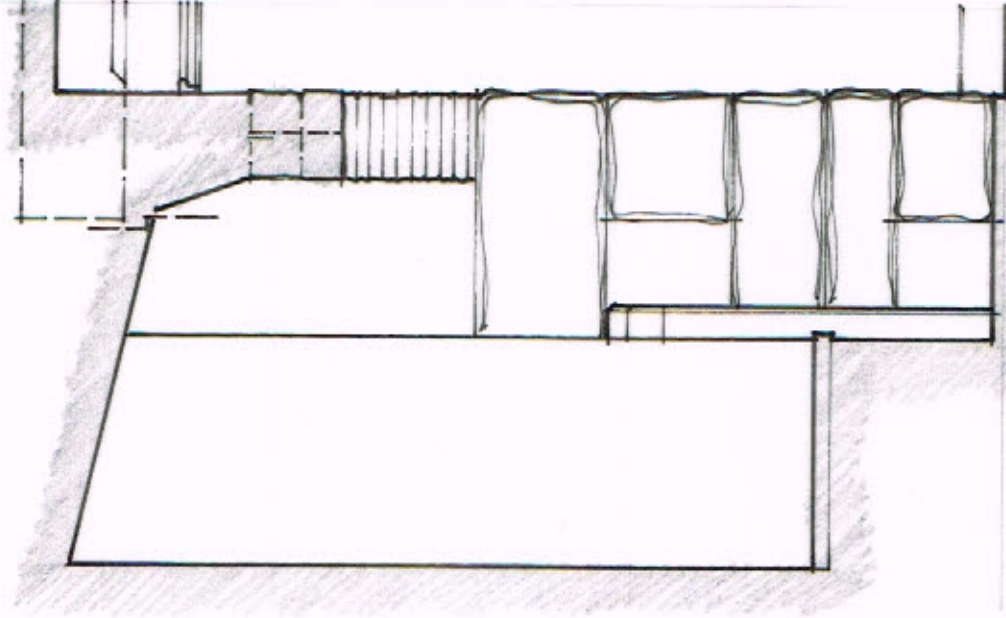
Note: Samples of all new / replacement materials to be approved for use in advance by Planning Officer.

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Fireplace F3 - Front Elevation As Existing. [1:20 scale].



Cross-Section X-X. [1:20scale]



Fireplace F3 - As Existing.

DINING ROOM FIREPLACE F3 - AS EXISTING.

- **Walls:** Painted lime plaster surround, skimmed plaster on render to alcove walls. Recent brick infill flue and stepped shelves with timber capping.
- **Hearth:** Modern fireclay fire back & throat to open fire grate with brown glazed tiled hearth & recessed front to cut stone surround
- **Construction:** Tri-radius centre brick arch resting on large red sandstone quoins to outer wall returns.
- **Soffit Closure:** brick jack-vault infill to flue shoulders closed by modern central brick flue.
- **Condition:** Signs of structural collapse to brick arch below central beam load point. Central 900mm of arch showing slight downward deflection adjacent to 6mm open fracture. Indications of rising damp to stone hearth and side walls.

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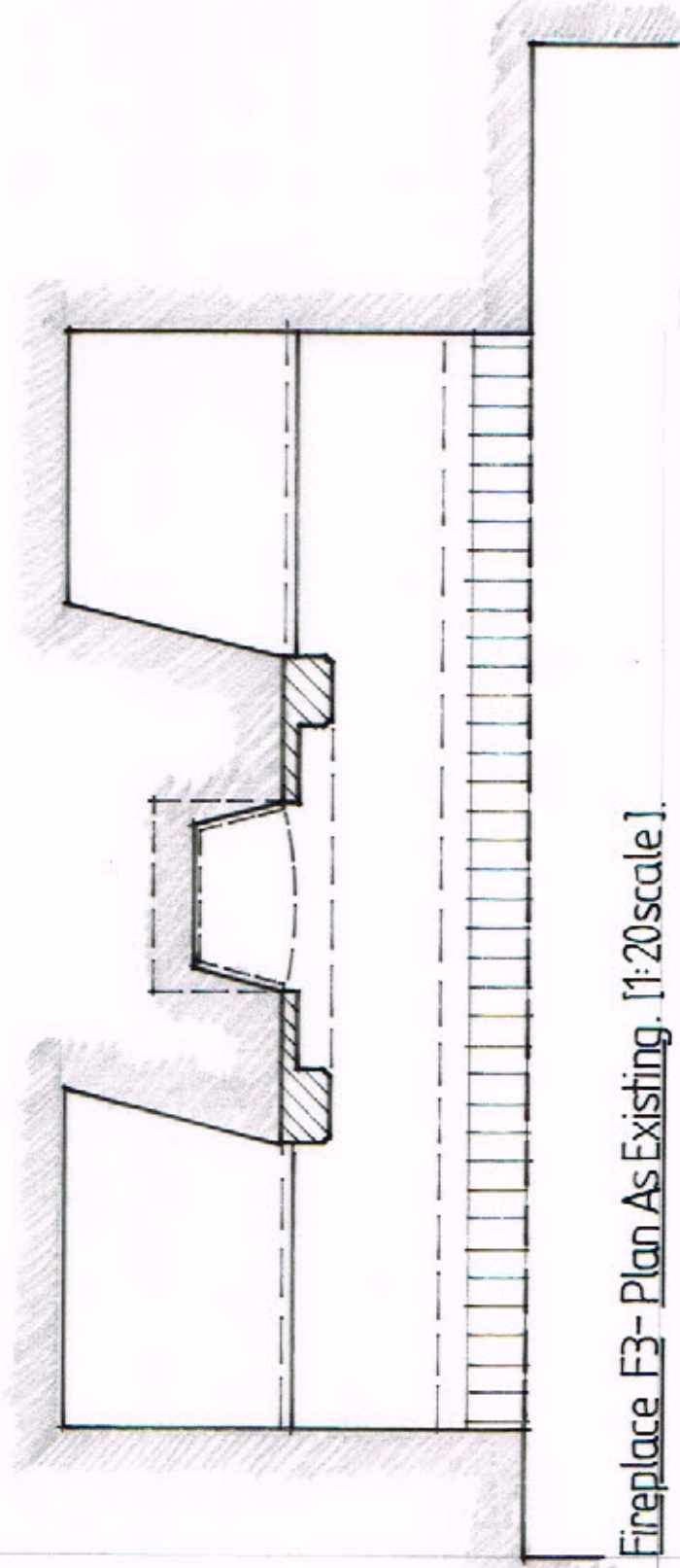
Tel./Fax. 01978 711900. / E-mail: cloy_ent@btinternet.com

Client: Mr. D. Lewis

Scheme: Halghton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

Drg Title: DINING ROOM FIREPLACE F3 - AS EXISTING.

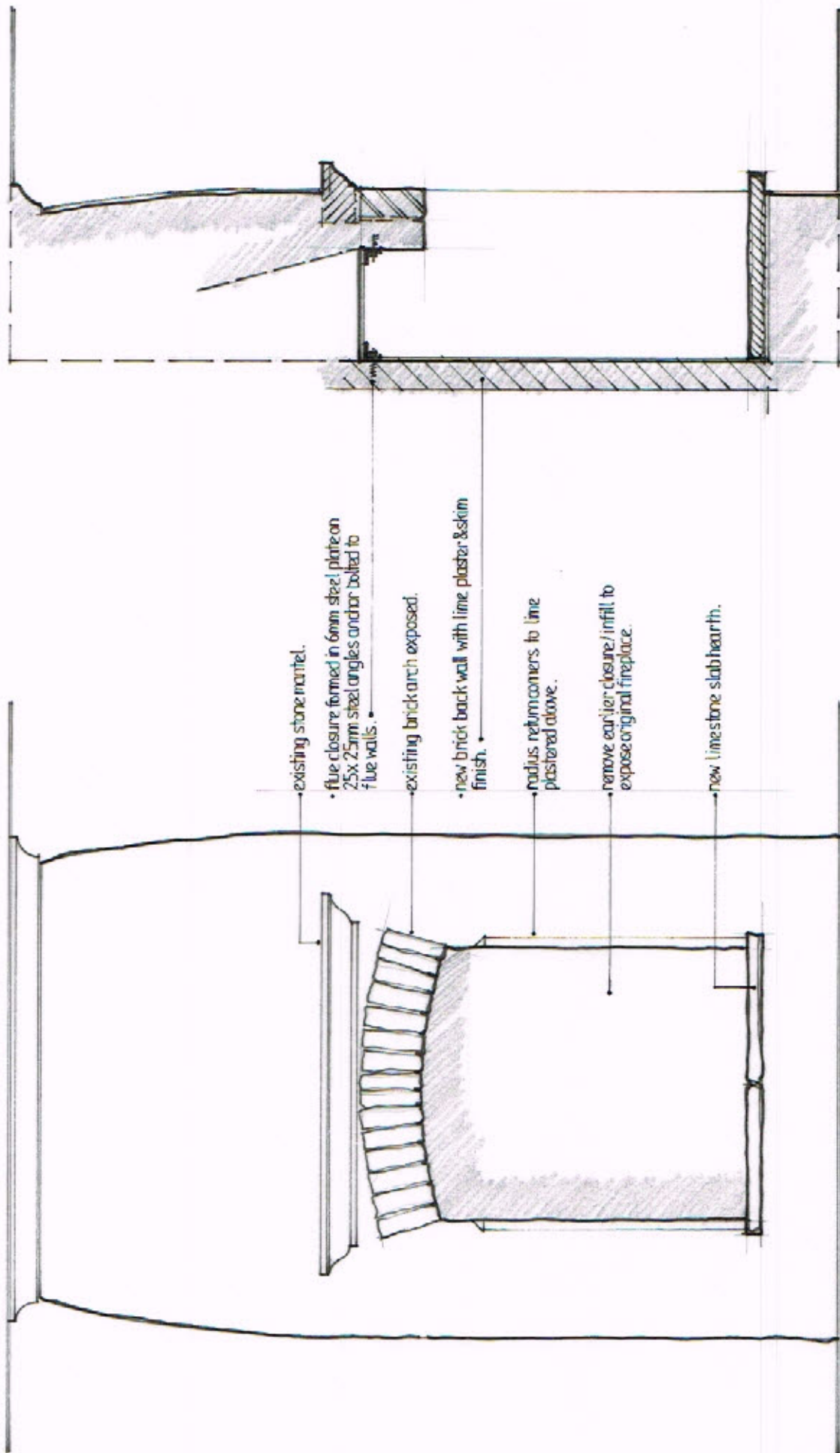
Job No. / Drg. No. / Rev.	Scale.	Date.
406 / EX08 / -	1:20 (@ A3)	Oct. 2014.



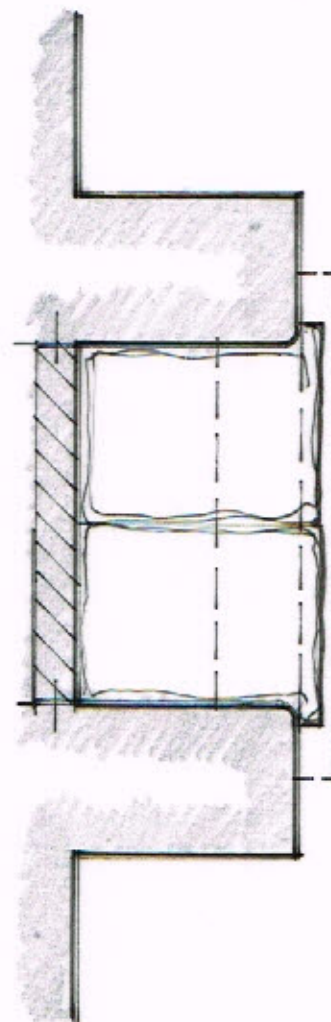
Fireplace F3- Plan As Existing. [1:20scale].

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Fireplace F5 - Front Elevation As Proposed. [1:20 scale]



Fireplace F5 - Plan As Proposed. [1:20 scale]

Cross-Section As Proposed

BEDROOM 5 FIREPLACE F5 - AS PROPOSED.

- **Walls:** Painted lime plaster & skim surround and walls within fireplace alcove.
- **Hearth:** Existing Victorian fireplace removed and original fire hearth re-opened, hearth base re-constructed in new limestone flags bedded and jointed in lime mortar. Radius vertical corners to front inside corners of return walls, as shown.
- **Construction:** Original painted stone mantle with existing brick arch below exposed and re-pointed. New brick wall to back of hearth finished in lime plaster.
- **Soffit Closure:** Flue soffit closed off in 6mm steel plate on 25 x 25mm steel angle frame expansion bolted to side walls, all assembly joints to be sealed airtight.
- **Condition:** No signs of structural movement, however condition of chimney flue to be examined upon opening up of the original hearth.

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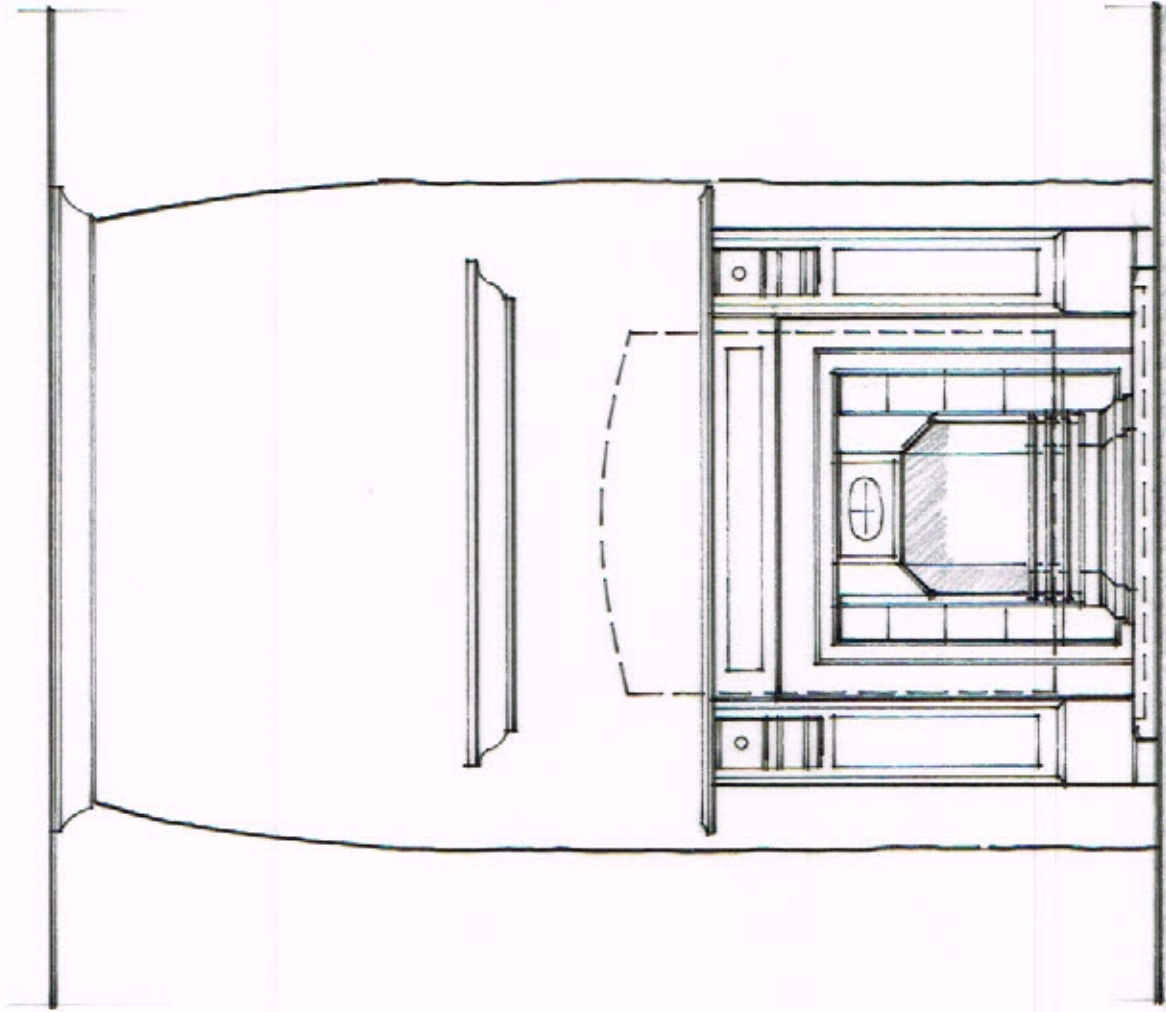
Client: Mr. D. Lewis
Scheme: Haighton Hall, Bangor-on-Dee, Wrexham L11 13 0BN
- Proposed Refurbishment Works.

Dwg Title: BEDROOM 5 FIREPLACE F5 - AS PROPOSED.

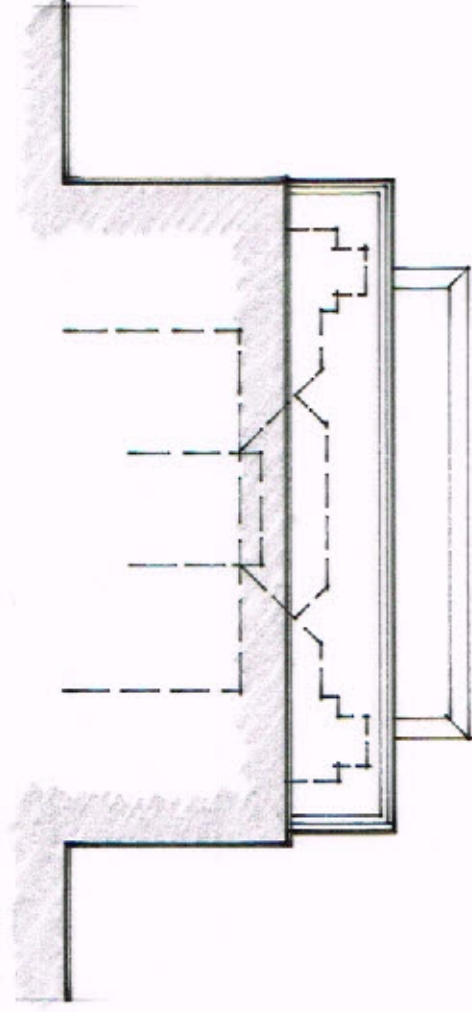
Job No. / Dwg. No. / Rev. 406 / PD04 / - Scale. 1:20 (@ A3) Date. Oct. 2014.

Notes: -

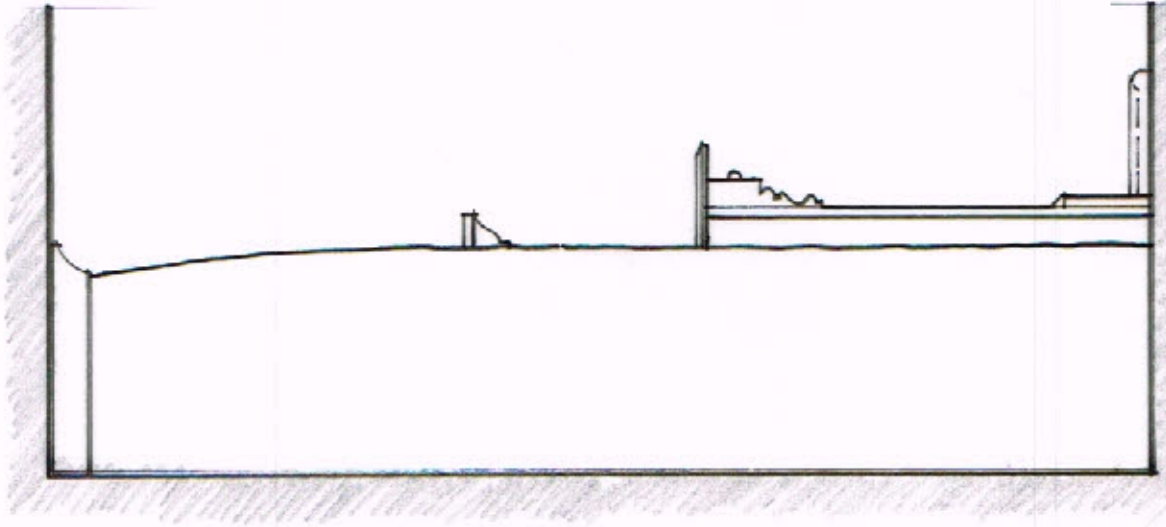
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Fireplace F5 - Front Elevation As Existing. [1:20 scale]



Fireplace F5 - Plan As Existing. [1:20 scale]



Side Elevation As Existing



Fireplace F5 - As Existing.

BEDROOM 5 FIREPLACE F5 - AS EXISTING.

- **Walls:** Paint & wallpaper on lime plaster surround.
- **Hearth:** Painted stone hearth with Victorian decorative cast inset grate and tiled flanking panels, with decorated panel slab slate outer surround and mantle.
- **Construction:** Original fireplace alcove bricked up flush, to accommodate Victorian fireplace. Original painted stone mantle projection still in place above arched structural opening (outline of arch apparent in plasterwork)
- **Soffit Closure:** Assumed mass brick infill to form throated flue to pre-formed fireclay grate back.
- **Condition:** No signs of structural movement, however shares common flue / stack with F2 and consequently advanced decay of flue lining anticipated.

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Client: Mr. D. Lewis

Scheme: Haighton Hall, Bangor-on-Dee, Wrexham LL13 0BN
- Proposed Refurbishment Works.

Dwg Title: BEDROOM 5 FIREPLACE F5 - AS EXISTING.

Job No. / Dwg. No. / Rev.	Scale	Date
406 / EX09 / -	1:20 (@ A3)	Oct. 2014.