--- FLUE CONSTRUCTION ---

Reasons for lining: 1. To make the flue air tight, thus excluding cold air. 2. To obtain a smooth surface which offers little resistance to ascending gases. To fill offsets where flues are curved or corbelled.

Rendered in Portland cement or packed with mortar and cow dung in ratio of 3:1.

--- HEARTHS ---

Conc. must project 16" from jambs and there must be 6" on either side of actual opening.

--- BUILDING CONSTRUCTION ---

Flue and hearth construction.

--- PLANNED METHODS OF GROUND FLOOR HEARTH CONS. ---

1st method:

- 6" flooring
- 3½" wall plates
- ½" fender wall
- 6" surface conc.
- Space to be packed with filling

2nd method:

- 3½" pile
- 1½" pile
- Concrete
- V½ steel tee bar
- ½" fender wall
- 6" surface conc.
- This space to be packed with filling

--- SIGNATURES ---

J. Fassler.
27th May, 1903.