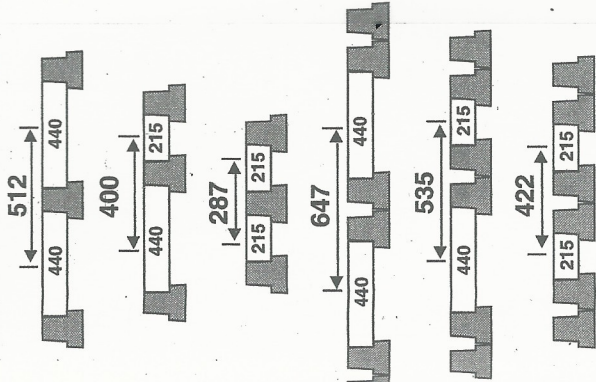


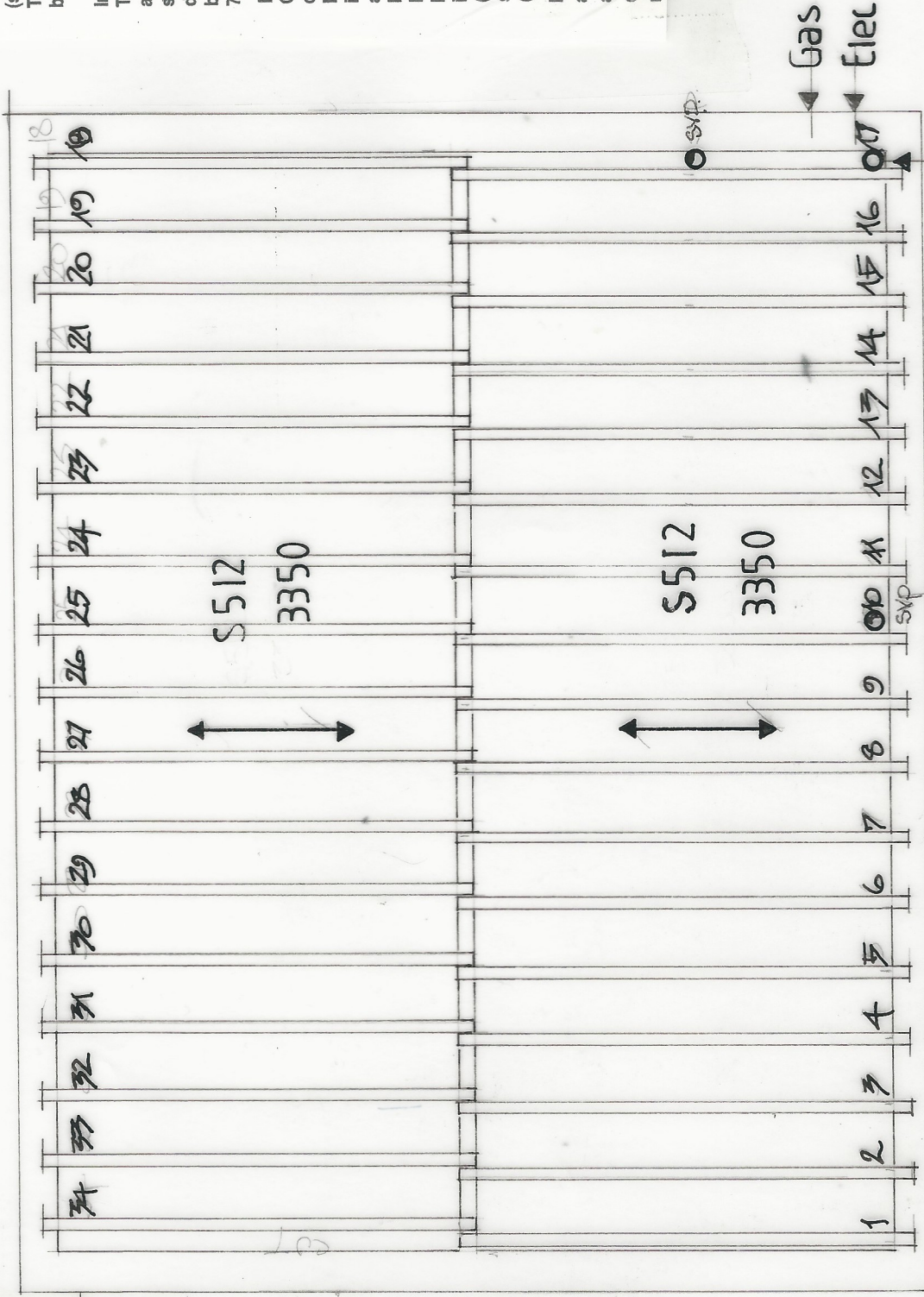
OUT CONDITIONS



density of 1900kg/m³.

ulations

PC BEAM LAYOUT SCALE 1:50.



Water

TECHNICAL

Service holes can be accommodated by either cutting, drilling or omitting infill blocks as necessary.

Grouting

Grouting of floors is required as follows. Grout to be 1:6 cement:sharp sand (1:4 if soft sand or in wet weather). Brush floor clean, wet thoroughly and brush in grout, first in direction of floor beams then across to fill all joints and surface irregularities.

Trimmed Openings

Openings can be formed in our floors by incorporating double supporting trimming beams supported off Merseybeams proprietary steel shoe hangers' reference MB / SH. (See detail on back cover).

Loading on Finished Floor

Once floor is complete, care should be taken not to load floor beyond its designed capacity and particular thought / care should be given if loading out floor with building materials.

Floor Finishes

- a) Cement and sand screed minimum 50mm thick (with suitable insulation)
 - b) Floating T & G chipboard / timber on battens (with suitable insulation)
- Floor insulation recommendations to be checked with local building control department. NB Merseybeams load / span table includes a finishes load of 1.60 Kn / m² based on a 65mm cement and sand screed and 50mm of insulation.

Fixings

Floor beams should not be drilled, shotfired to, or contain any other fixings.

Soffits

Where Beam & Block is used for upper floors Merseybeams supply batten hangers to support a batten grid for fixing plasterboard ceilings. (see detail on back cover).

Camber

Prestressed floor beams will have an inherent camber which will be negligible on spans up to 5m on 150mm deep & 6m on 225mm deep.

Sound Insulation

Clients are referred to the Building Regulations (1992) (Approved Documents E2 / E3) for full information regarding sound insulation between "separating floors" e.g. flats, halls of residence, hotels etc. The main points are summarised as follows for information purposes only:

- 1) Type1 floor - mass of 365kg / m² (including any directly bonded screed) to receive a soft covering.
- 2) Type 2 floor - mass of 300kg / m² (including any directly bonded screed) to receive a floating finish (cement and sand or floating timber raft on resilient layer).
- 3) Where the beams are parallel to the wall the first joint should be 300mm from the cavity face of the wall leaf.
- 4) Carry any resilient layers up at all edges to isolate the floating layer.