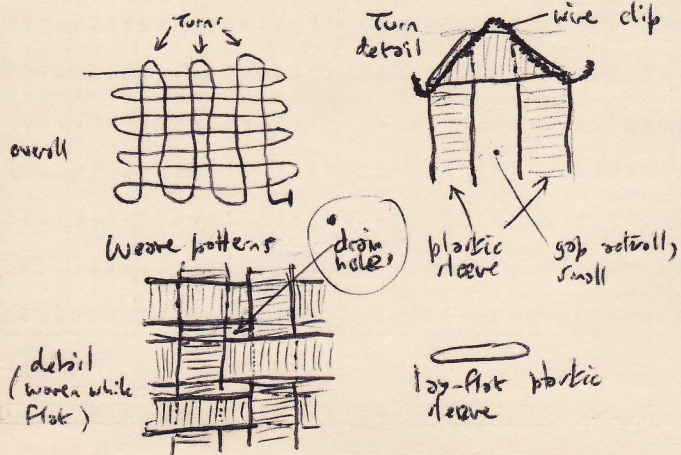


It should be possible to construct a convenient plank-house roof structure from a 'woven' structure of small (eg 40mm) diameter ^{low flat} plastic tube/leaves. This



Wire clip has small indentations to permit easy air flow when partially inflated

could be woven flat, then inflated; this would give a strong, rigid structure but with numerous holes between the 'weave' to allow rain in, some air out, etc. The 'turns' of the weave could be formed with wire clips over which the tube was folded twice (ie at 45° each time) to get the reversal of direction. This clip

should have small indentations so that air could pass even though the tube was folded tight against the clips.

DRIVEN ESTARAY CLOTHES HOIST

1986 July 8

Clothes on a hoist dry much more quickly if there is a wind, i.e. air motion, impinging on the clothes. If the hoist was driven, so the whole thing was rotating, then clothes would dry quickly even if the air was still. It should be possible to devise a motor, powered by solar cells or some other energy source, to drive the hoist relatively slowly. If the bearings were on liquid, the power needed would be very small.

GLASS-BASED COATINGS

1986 July 9

Vitreous enamels are excellent protectors from weather, etc; they should be capable of considerable development, eg. other methods of application than baking/firing [such as sputtering or hot-gun spraying]. Also incorporation of fibrous material in the coatings should greatly increase strength and flexibility.