

PLAN INFORMATION FOR ENERGY REPORTS

The best information is found on a good set of construction working drawings suitable for lodging with a certifier for building approval

The best stage for doing an energy report is at the design stage before proper working drawings are completed.

So design drawings will need some extra info added.....

All plans should :

- be drawn according to AS1100 architectural code
- have minimum scale 1:100
- sheet / page number
- show date
- show revision / amendment number
- nominate owner / developer name
- display designer / architect name
- give preferred insulation

Site plan showing

1. TWO addresses-street and title with DP/RP/SP - lot no
2. land area
3. building footprint
4. north point
5. high adjacent obstructions that will cast shadows on building like flats, mature trees

Floor plan showing

1. unit numbers
2. room names
3. wall types -stud vs BV vs masonry cavity vs blockwork vs composite sandwich panel
4. figured dimensions
5. window sizes
6. floor finishes-carpet vs tiled areas
7. gross floor area
8. roof outline dashed line with eaves overhangs
9. location of clerestory windows over

Elevations showing

1. roof pitches
2. all walls
3. all windows including clerestory high level types
4. external screens (not flywire)
5. changes in wall materials in wall height
6. datum line floor-ceiling height
7. wall and roof colour range (dark – med - light)

Cross Section showing

1. floor ceiling height noted
2. construction materials for building envelope (wall-floor-ceiling-roof)