Figure 1: Development Options for Shophouses

Conservation of Entire Building

Conservation of the Main Building with New Rear Extension

SHOPHOUSES WITH ONE MAIN BUILDING

SHOPHOUSES WITH AIRWELL BETWEEN TWO MAIN BUILDINGS
Figure 2: New Link

NOTE: If a link is added, the rear slope of the new jackroof at the conserved building cannot be longer than 1/4 of the main rear roof slope length.
Figure 3: Jackroof and Skylight on Jackroof

ROOF PLAN

ISOMETRIC VIEW

ALLOWABLE HEIGHT OF JACKROOF

NOTE: If a link is added, the rear slope of the new jackroof at the conserved building cannot be longer than 1/4 of the main rear roof slope length.
Figure 4: Allowable Structures on Existing Flat Roofs

- ROOF PLAN OF CORNER UNIT
- ROOF PLAN OF INTERMEDIATE UNIT
- TYPICAL SECTION
Figure 5: Secondary Windows

- Front facade Window
- Fanlight
- Main window
- Secondary window
- Frame to match main window
- Timber or glass infill to be compatible with main window

LOCATION

ISOMETRIC VIEW

CROSS-SECTION
Figure 7: Retractable Awning

LOCATION

CROSS SECTION

ISOMETRIC VIEW OF AWNING AT MAIN BEAM
Figure 8: Five-Foot Way Floors

LOCATION

SOMETRIC VIEW

Five-foot way

Property line

Ramp up
Figure 9: End Gable Wall

- End gable wall
- Line of end gable wall
- Canopy
- Window to match existing

- Tile canopy
- New windows to match front facade upper storey windows
- Enc gable wall

LOCATION

CROSS-SECTION

ISOMETRIC VIEW
Figure 10: Rear Facade of Main Building

LOCATION

New windows are preferred to match front facade upper storey windows

Rear facade

ISOMETRIC VIEW
Figure 11: Rear Service Block

LOCATIONS

- Rear service block

ISOMETRIC VIEW

- New windows are preferred to match front facade upper storey windows
Figure 13: Airwell

LOCATION

Cover over airwell can be located at any level not higher than roof eaves

Windows to match front facade upper storey windows

SECTIONAL PERSPECTIVE

Cover over airwell lower than the eaves of main roof

ISOMETRIC VIEW
Figure 14: Roof Mezzanine

LOCATION

CROSS-SECTION

Note: The heights of both the uppermost floor and new roof mezzanine shall comply with relevant technical department's requirements.

ISOMETRIC VIEW

CROSS-SECTION

Minimum 2.5m setback required when new roof mezzanine floor is lower than top of window/fanlight.

Top of window/fanlight

Min 2.5m

Top of window/fanlight

Min 1.5m

Minimum 1.5m setback required when new roof mezzanine floor is not lower than top of window/fanlight.
Figure 15: Rear Extension

- Facade articulation can be sited within or projected into 600mm setback
- 600mm
- New Rear Extension
- Conserved Main Building

CROSS SECTION
Figure 16: New Rear Extensions for Corner Shophouse Units

**Scenario 1: Adjacent to low-rise conserved streetblock**
- Adjacent low-rise conserved shophouses
- Conserved corner block with side façade and pitched roof
- New rear extension

**Scenario 2: Adjacent to high-rise development**
- Adjacent high-rise development
- Conserved corner block with side façade and pitched roof
- New rear extension

DEC 2017
Figure 17: Flue

LOCATION

- Rear roof
- Flue

CROSS-SECTION

- Rear ridge
- Maximum height of flue projection
- Preferred location of new flue
- Alternative location of new flue
- Alternative location of new flue
  - Flue to be within rear court and about the wall of rear service block or the adjacent unit

ISOMETRIC VIEW

- Preferred location of new flue
- Alternative location of new flue
  - Flue to be within rear court and about the wall of rear service block

REAR ELEVATION
Figure 18: Condensing Units Integrated within Building Envelope

Condensing units in opening within roof of rear service block complete with trellis

Condensing units in recess within rear boundary wall complete with screening

SHOPHOUSES WITH REAR COURT

Condensing units in opening within roof of rear service block complete with trellis

Condensing units in recess within rear boundary wall complete with screening

SHOPHOUSES WITHOUT REAR COURT
Figure 19: Condensing Units Placed at Rear Parapet and Walls

Condensing units neatly or compactly placed at the rear. Units are to be screened unless they are small and not visible from street level. (See examples below)

SHOPHOUSES WITH REAR COURT

Single unit

Single unit

SCREENING NOT REQUIRED FOR THE ABOVE EXAMPLES OF CONDENSING UNITS

VRV

Dual unit

Single unit - stacked

SCREENING REQUIRED FOR THE ABOVE EXAMPLES OF CONDENSING UNITS