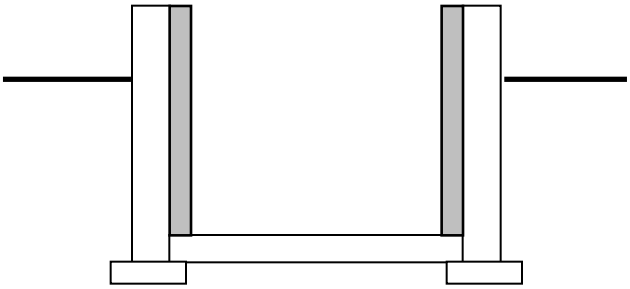
4.1 Concrete Basements with Interior-Wall Insulation

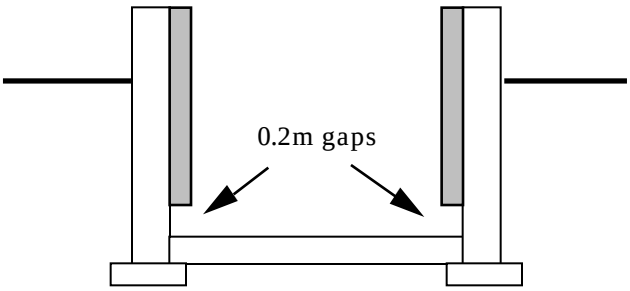
BCIN_1

- interior surface of wall insulated over full-height
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



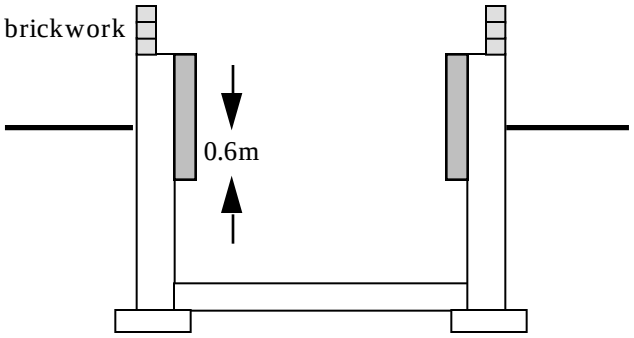
BCIN_2

- interior surface of wall insulated from top of wall to 0.2m from floor
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



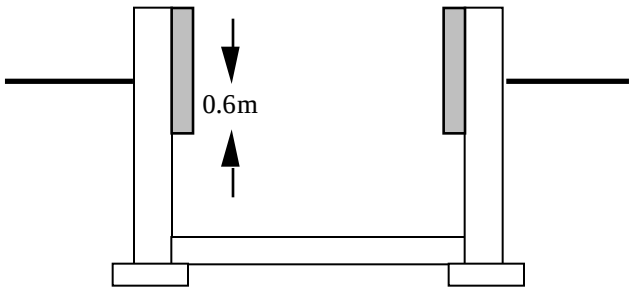
BCIN_3

- interior surface of wall insulated from top of wall to 0.6m below-grade
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 2 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCIN_4

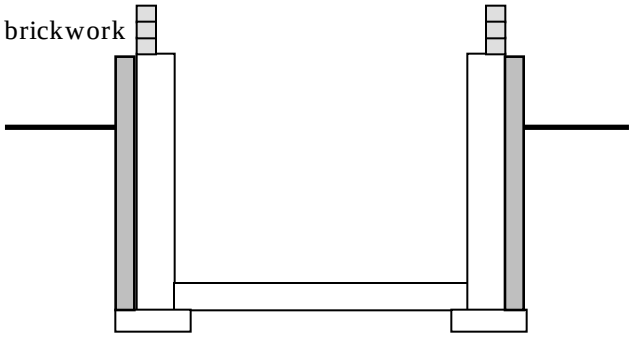
- interior surface of wall insulated from top of wall to 0.6m below-grade
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 2 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.2 Concrete Basements with Exterior-Wall Insulation

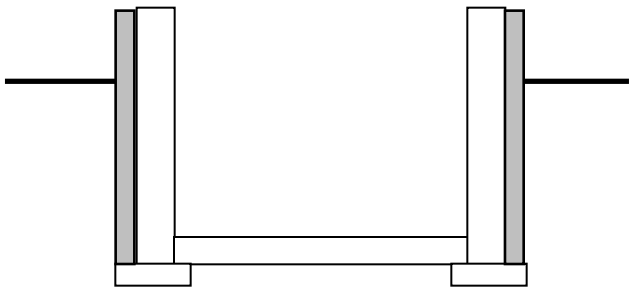
BCEN_1

- exterior surface of wall insulated over full-height
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



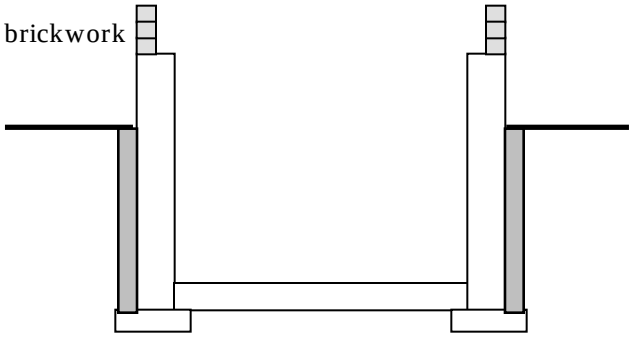
BCEN_2

- exterior surface of wall insulated over full-height
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



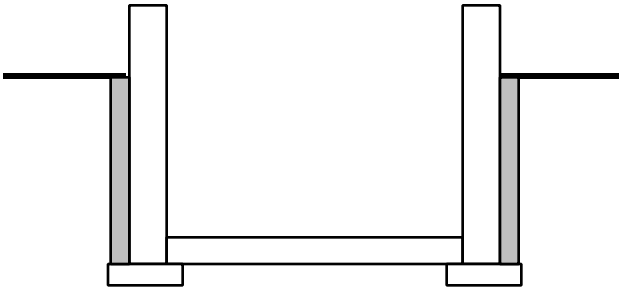
BCEN_3

- exterior surface of wall insulated below-grade
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



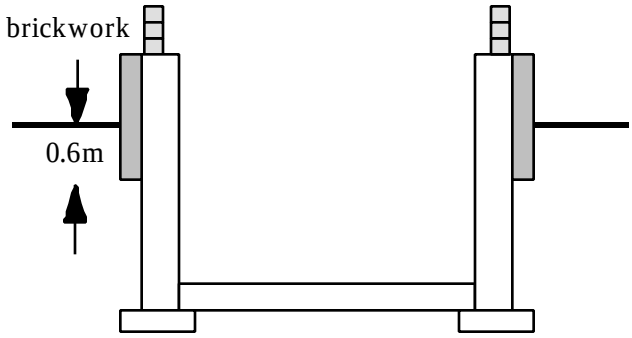
BCEN_4

- exterior surface of wall insulated below-grade
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



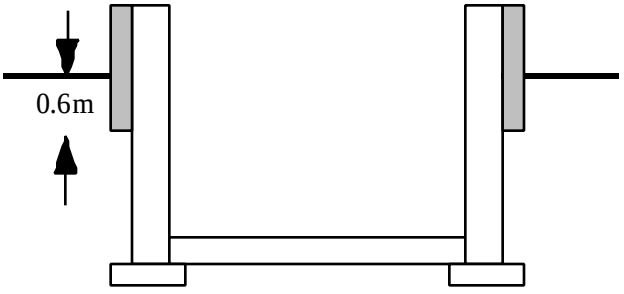
BCEN_5

- exterior surface of wall insulated to 0.6m below-grade
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCEN_6

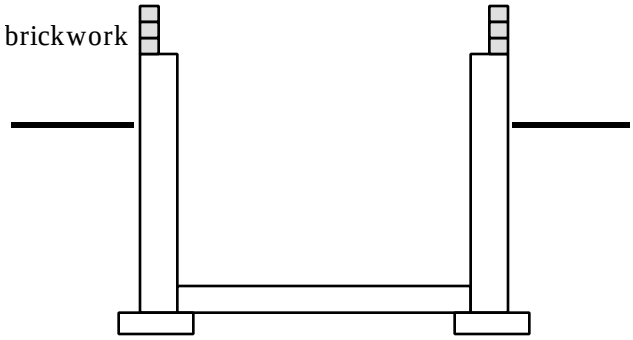
- exterior surface of wall insulated to 0.6m below-grade
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.3 Concrete Basements with No Insulation

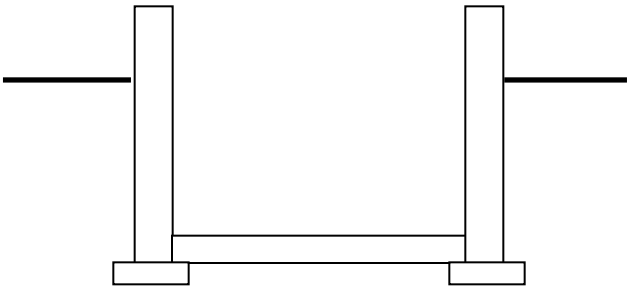
BCNN_1

- no insulation
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCNN_2

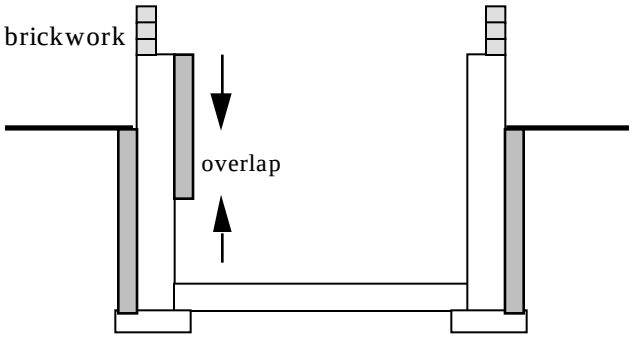
- no insulation
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.4 Concrete Basements with Interior- and Exterior-Wall Insulation and No Slab Insulation

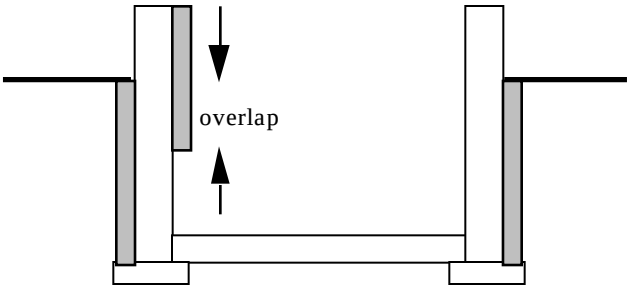
BCCN_1

- exterior surface of wall insulated below-grade
- interior surface of wall insulated from top of wall producing an overlap with the exterior insulation
- overlap between interior and exterior insulation is a variable
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- For corner-correction method (Beausoleil-Morrison et al 1995b):
  - Use Table 1, column 4 if overlap is less than 0.6m
  - Use Table 2, column 1 if overlap is greater than 0.6m and height of exterior insulation is greater than height of interior insulation
  - Use Table 1, column 3 if height of interior insulation is greater than height of exterior insulation



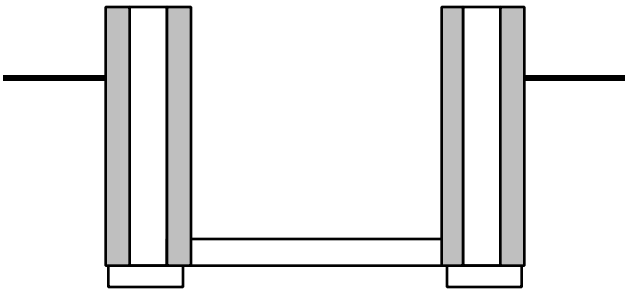
BCCN_2

- exterior surface of wall insulated below-grade
- interior surface of wall insulated from top of wall producing an overlap with the exterior insulation
- overlap between interior and exterior insulation is a variable
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- For corner-correction method (Beausoleil-Morrison et al 1995b):
  - ° Use Table 1, column 4 if overlap is less than 0.6m
  - ° Use Table 2, column 1 if overlap is greater than 0.6m and height of exterior insulation is greater than height of interior insulation
  - ° Use Table 1, column 3 if height of interior insulation is greater than height of exterior insulation



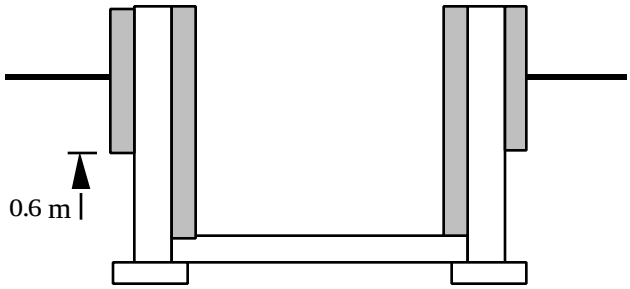
BCCN_3

- exterior surface of wall insulated over full height
- interior surface of wall insulated over full height
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- Thermal break between walls and floor slab
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



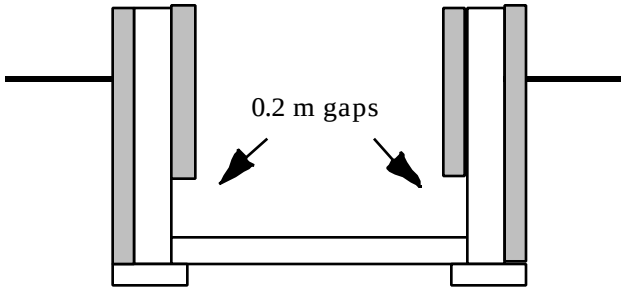
BCCN_4

- exterior surface of wall insulated to 0.6 m below grade
- interior surface of wall insulated over full height
- any first story construction
- 200 mm concrete wall and 100 mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCCN_5

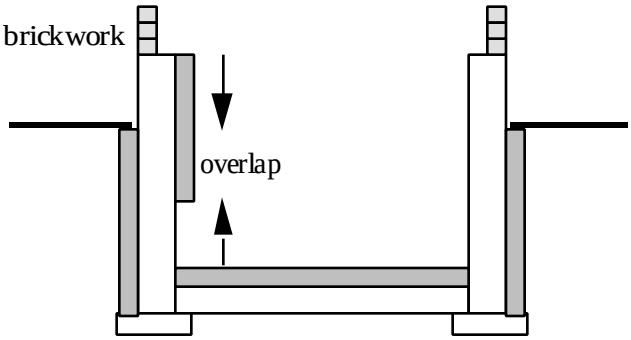
- exterior surface of wall insulated over full height
- interior surface of wall insulated from top of wall to 0.2 m from floor
- any first story construction
- 200 mm concrete wall and 100 mm concrete floor
- Use column 5 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.5 Concrete Basements with Interior- and Exterior-Wall Insulation and Above-Slab Insulation

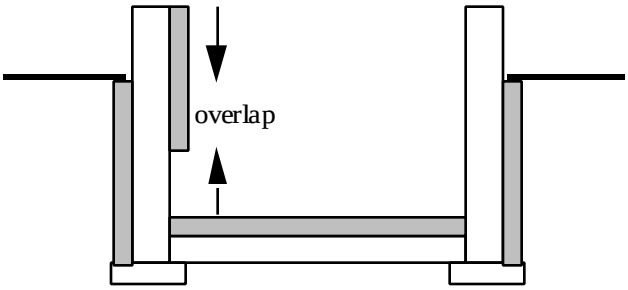
BCCA_1

- exterior surface of wall insulated below grade
- interior surface of wall insulated from top of wall producing an overlap with the exterior insulation
- floor and wall insulation have same thermal resistance
- top of slab fully insulated
- first-storey brick veneer placed directly on basement's concrete wall
- 200 mm concrete wall and 100 mm concrete slab
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



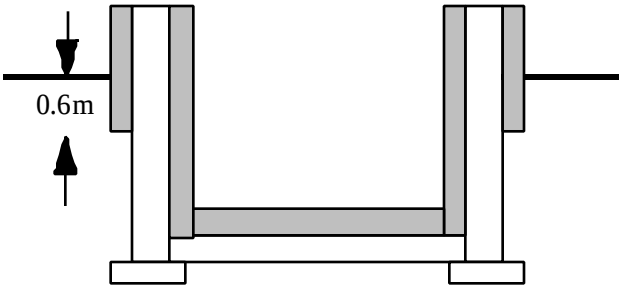
BCCA_4

- exterior surface of wall insulated below grade
- interior surface of wall insulated from top of wall producing an overlap with the exterior insulation
- floor and wall insulation have same thermal resistance
- top of slab fully insulated
- first-storey is non-brick veneer or brick thermally broken from basement's concrete walls
- 200 mm concrete wall and 100 mm concrete slab
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



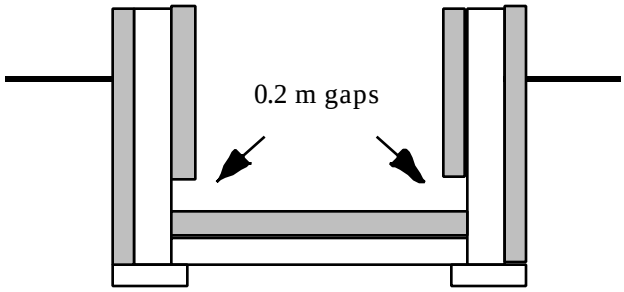
BCCA_7

- exterior surface of wall insulated to 0.6 m below grade
- interior surface of wall is fully insulated
- top surface of floor slab is fully insulated
- slab and wall insulation have same thermal resistance
- any first story construction
- 200 mm concrete wall and 100 mm concrete floor
- Use column 6 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCCA_8

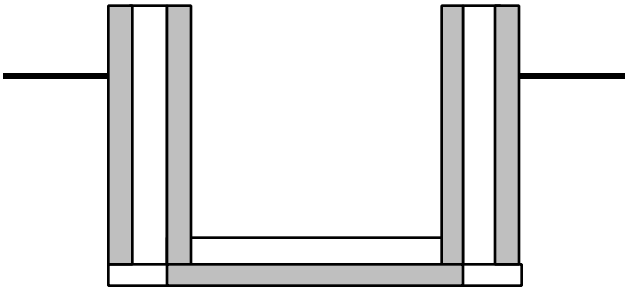
- exterior surface of wall fully insulated
- interior surface of wall insulated to 0.2 m from top of slab
- top surface of floor slab is fully insulated
- slab and wall insulation have same thermal resistance
- any first storey construction
- 200 mm concrete wall and 100 mm concrete slab
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.6 Concrete Basements with Interior- and Exterior-Wall Insulation and Sub-Slab Insulation

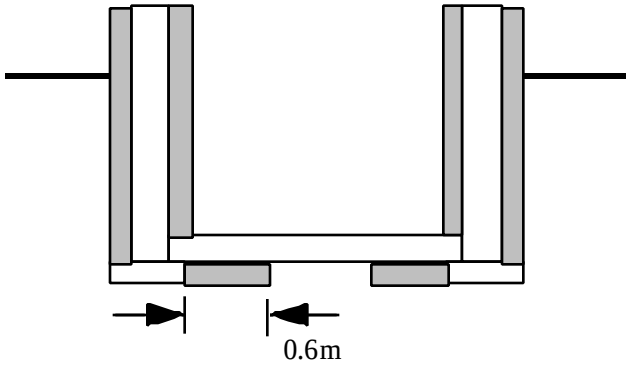
BCCB_4

- exterior surface of wall insulated over full height
- interior surface of wall insulated over full height
- sub-surface of floor slab fully insulated but no insulation under footing
- thermal break between walls and floor slab
- sub slab and wall insulation have same thermal resistance
- any first storey construction
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



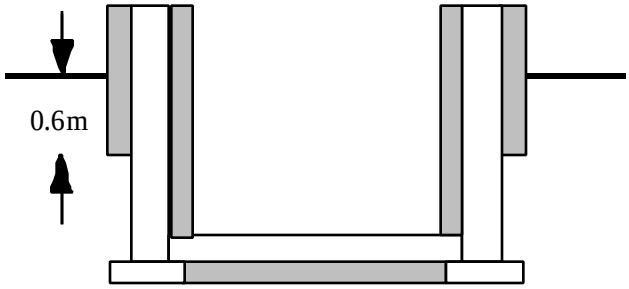
BCCB_8

- exterior surface of wall insulated over full height
- interior surface of wall insulated over full height
- bottom of slab insulated with a 0.6 m strip around the perimeter
- sub slab and wall insulation have same thermal resistance
- any first storey construction
- 200 mm concrete wall and 100 mm concrete slab
- Use column 7 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



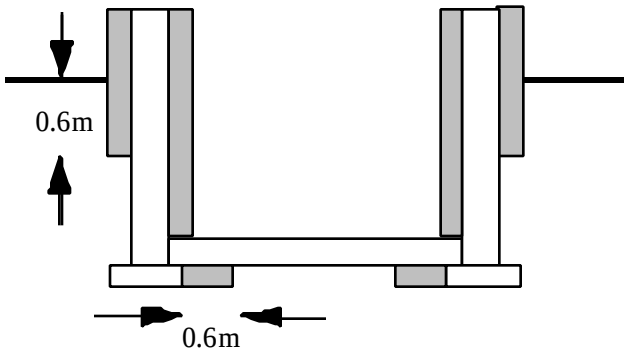
BCCB_9

- exterior surface of wall insulated to 0.6m below grade
- interior surface of wall insulated over full height
- sub-surface of floor slab fully insulated but no insulation under footings
- sub slab and wall insulation have same thermal resistance
- any first storey construction
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



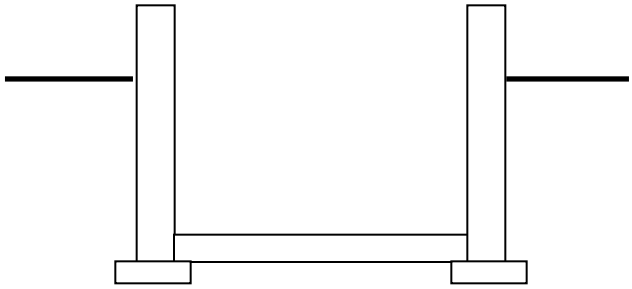
BCCB_10

- exterior surface of wall insulated to 0.6m below grade
- interior surface of wall insulated over full height
- sub-surface of floor slab insulated with a 0.6m strip around perimeter but no insulation under footings
- sub slab and wall insulation have same thermal resistance
- any first floor construction
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



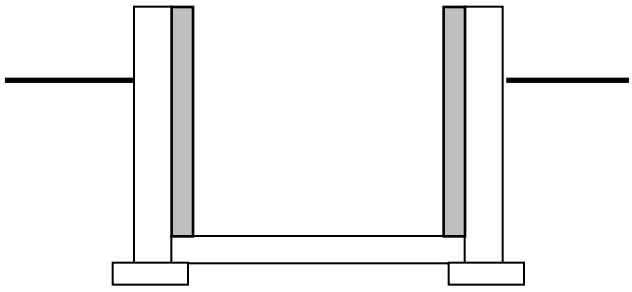
4.7 Wood Basements with No Insulation

BWNN_1
- no insulation
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 1 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



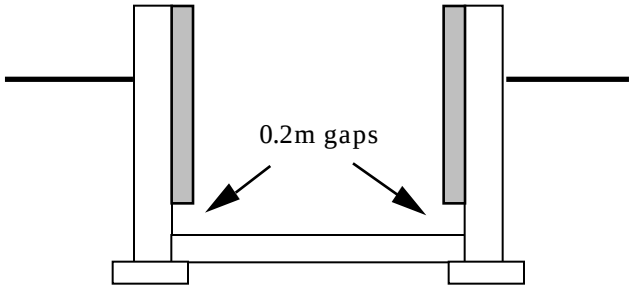
4.8 Wood Basements with Interior-Wall Insulation

BWIN_1
- interior surface of wall insulated over full-height
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



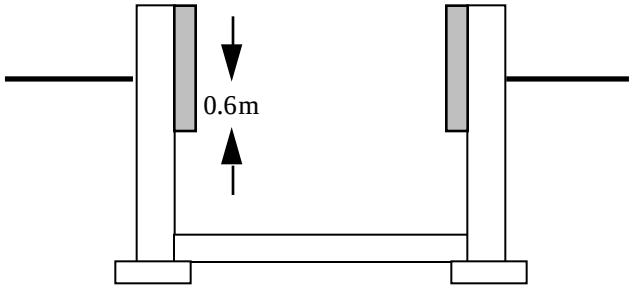
BWIN_2

- interior surface of wall insulated from top of wall to 0.2m from floor
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BWIN_3

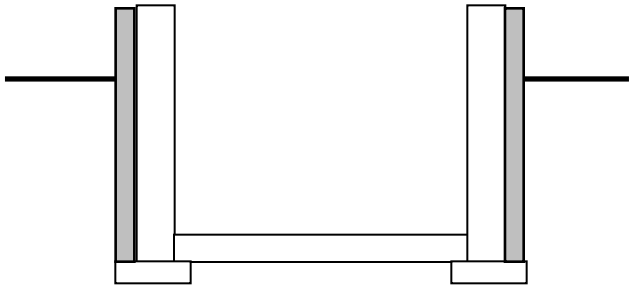
- interior surface of wall insulated from top of wall to 0.6m below-grade
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 2 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.9 Wood Basements with Exterior-Wall Insulation

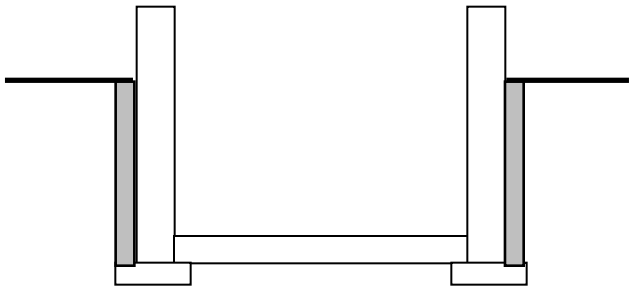
BWEN_1

- exterior surface of wall insulated over full-height
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



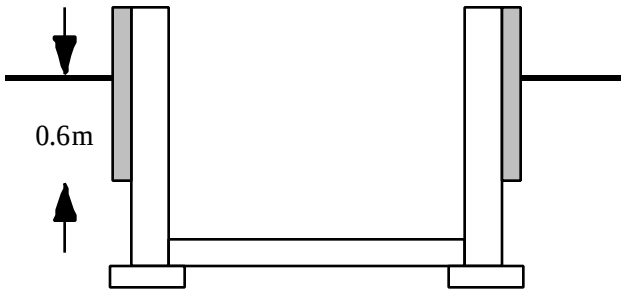
BWEN_2

- exterior surface of wall insulated below-grade
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BWEN_3

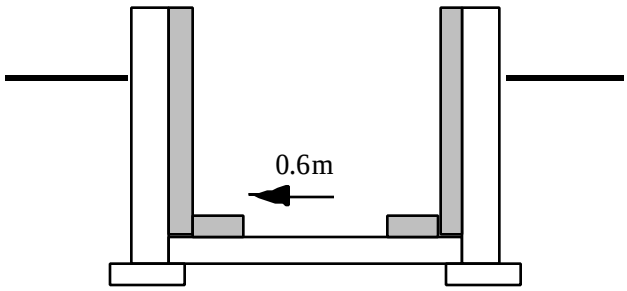
- exterior surface of wall insulated to 0.6m below-grade
- any first-floor construction type
- 50mm wood walls and 100mm wood floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.10 Wood Basements with Interior-Wall and Above-Slab Insulation

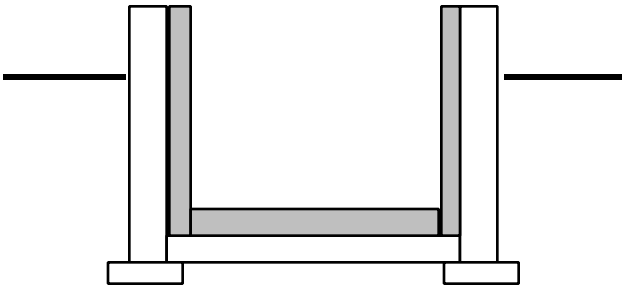
BWIA_1

- interior surface of wall insulated over full height
- top of slab insulated with 0.6 m strip around perimeter
- floor and wall insulation have same thermal resistance
- any first storey construction
- 50mm wood walls and 100mm wood floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BWIA_2

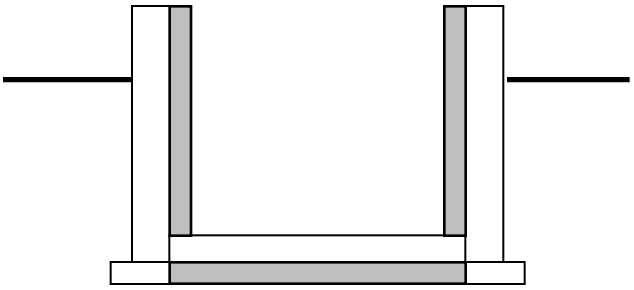
- interior surface of wall insulated over full height
- top of slab fully insulated
- floor and wall insulation have same thermal resistance
- any first storey construction
- 50mm wood walls and 100mm wood floor
- Use column 6 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.11 Concrete Basements with Interior-Wall and Sub-Floor Insulation

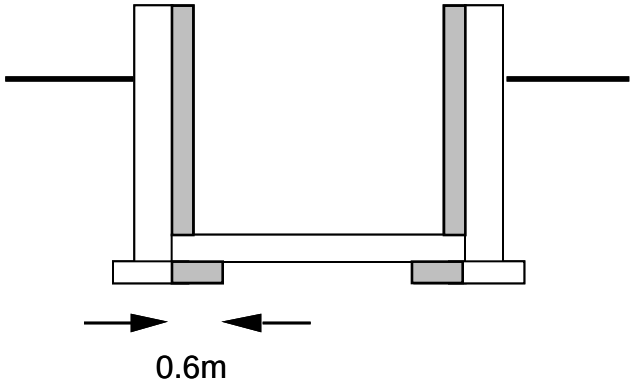
BCIB_1

- interior surface of wall insulated over full-height
- sub-surface of floor slab fully insulated but no insulation under footings
- sub-slab and wall insulation have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



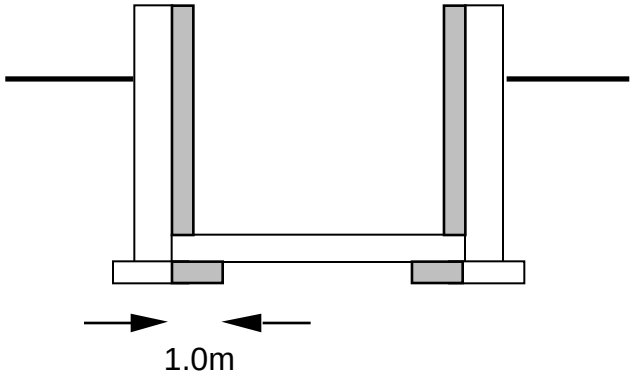
BCIB_2

- interior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 0.6m strip around perimeter
- sub-slab and wall insulation have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



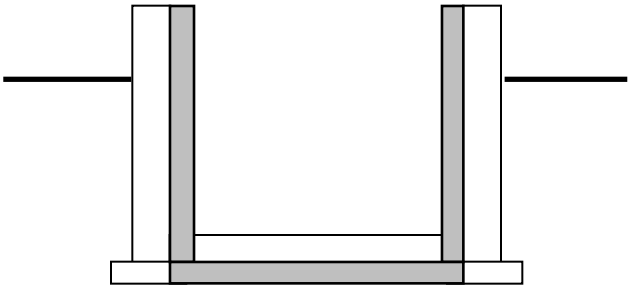
BCIB_3

- interior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 1.0m strip around perimeter
- sub-slab and wall insulation have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



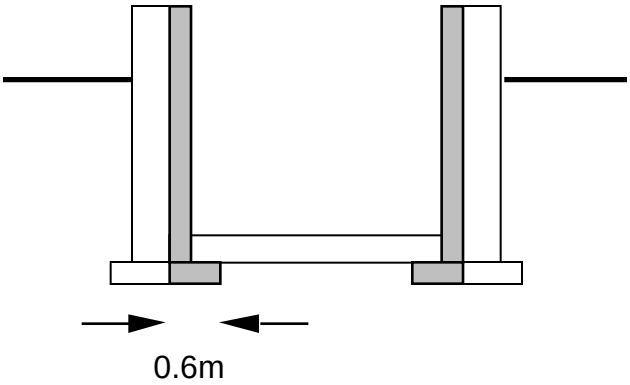
BCIB_4

- interior surface of wall insulated over full-height
- sub-surface of floor slab fully insulated but no insulation under footings
- thermal break between walls and floor slab
- sub-slab, wall, and thermal break insulation all have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



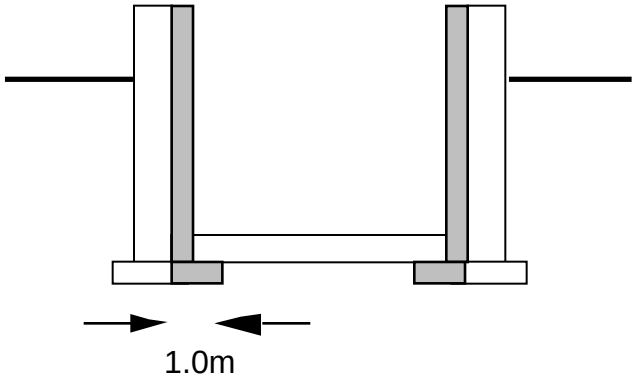
BCIB_5

- interior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 0.6m strip around perimeter
- thermal break between walls and floor slab
- sub-slab, wall, and thermal break insulation all have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



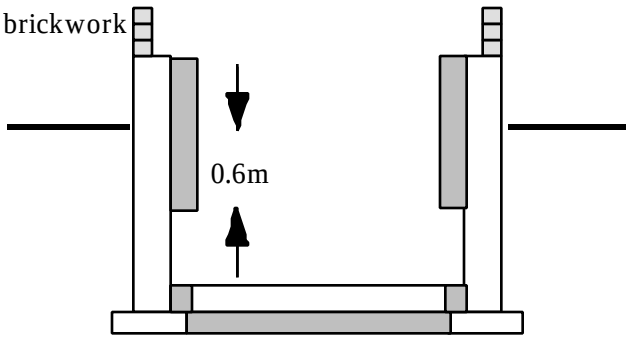
BCIB_6

- interior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 1.0m strip around perimeter
- thermal break between walls and floor slab
- sub-slab, wall, and thermal break insulation all have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



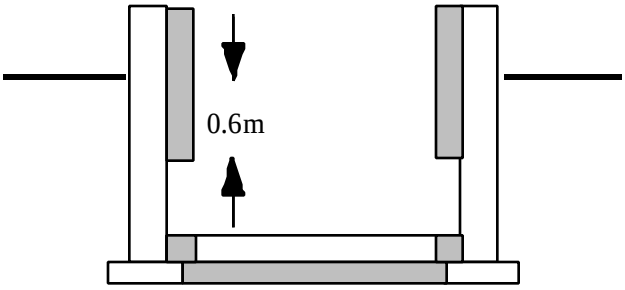
BCIB_7

- interior surface of wall insulated to 0.6 m below grade
- bottom of slab fully insulated
- sub-slab, wall, and thermal break insulation all have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- Thermal break between walls and floor slab
- 200mm concrete walls and 100mm concrete floor
- Use column 7 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCIB_8

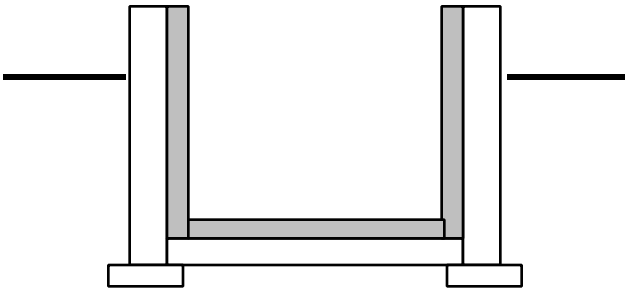
- interior surface of wall insulated to 0.6 m below grade
- bottom of slab fully insulated
- sub-slab, wall, and thermal break insulation all have same thermal resistance
- first-storey is non-brick veneer or bricks thermally broken from concrete walls
- thermal break between walls and floor slab
- 200mm concrete walls and 100mm concrete floor
- Use column 7 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.12 Concrete Basements with Interior-Wall and Above-Floor Insulation

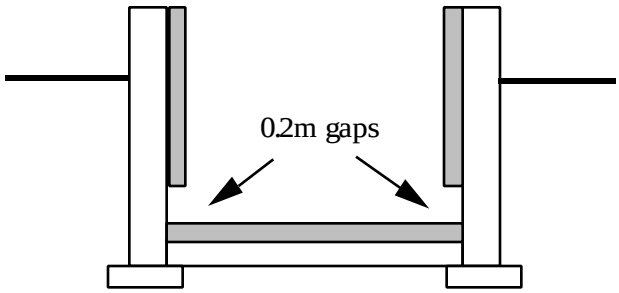
BCIA_1

- interior surface of wall insulated over full-height
- top surface of floor slab fully insulated
- floor and wall insulation have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCIA_4

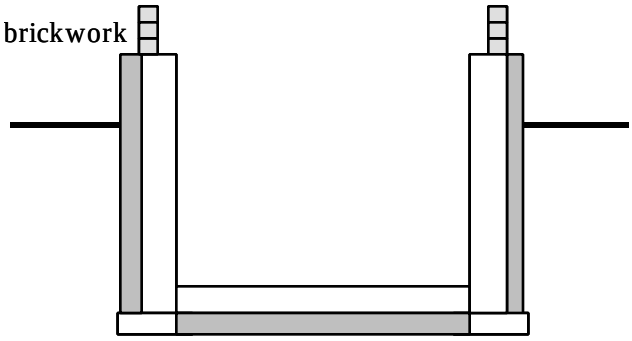
- interior surface of wall insulated from top of wall to 0.2m from floor
- top surface of floor slab fully insulated
- floor and wall insulation have same thermal resistance
- any first-floor construction type
- 200mm concrete walls and 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.13 Concrete Basements with Exterior-Wall and Sub-Floor Insulation

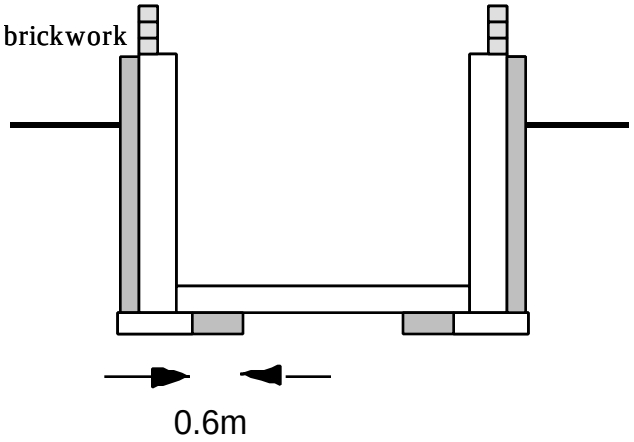
BCEB_1

- exterior surface of wall insulated over full-height
- sub-surface of floor slab fully insulated but no insulation under footings
- sub-slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



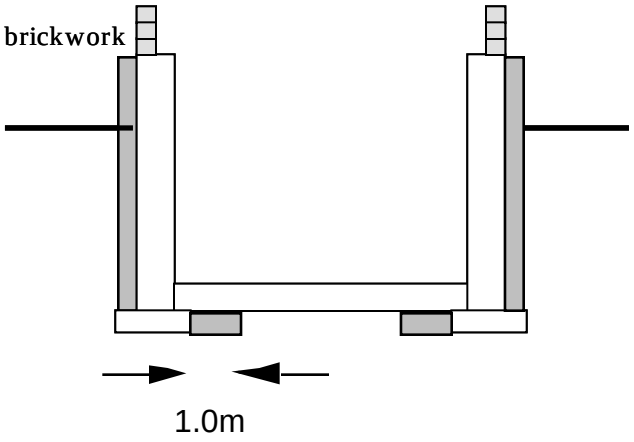
BCEB_2

- exterior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 0.6m strip around perimeter
- sub-slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



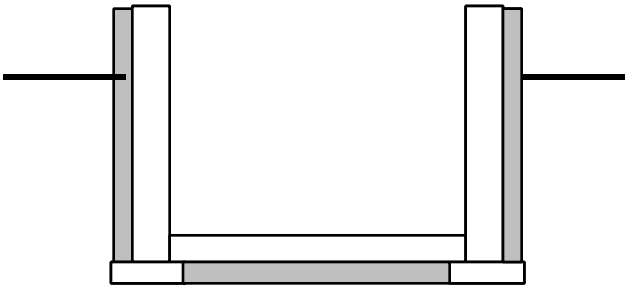
BCEB_3

- exterior surface of wall insulated over full-height
- sub-surface of floor slab insulated with a 1.0m strip around perimeter
- sub-slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 1 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



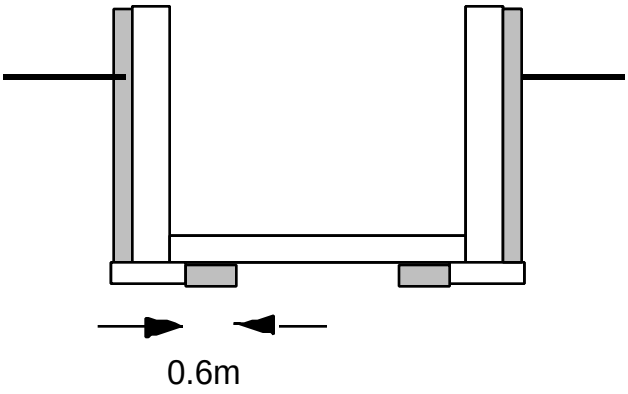
BCEB_4

- exterior surface of wall insulated over full height
- sub surface of floor slab fully insulated but no insulation under footings
- floor and wall insulation have same thermal resistance
- first-storey non-brick veneer or bricks thermally broken from concrete walls
- 200mm concrete walls and 100 mm concrete floor
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



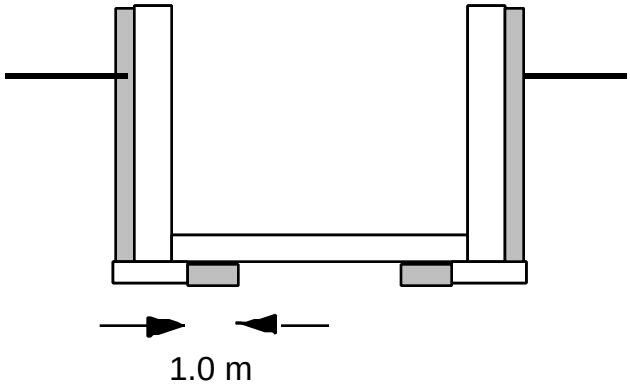
BCEB_5

- exterior surface of wall insulated over full height
- sub surface of floor slab insulated with 0.6 m strip around perimeter
- floor and wall insulation have same thermal resistance
- first-storey non-brick veneer or bricks thermally broken from concrete walls
- 200mm concrete walls and 100 mm concrete floor
- Use column 5 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



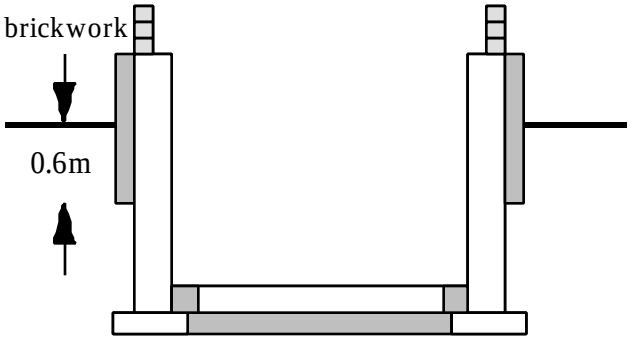
BCEB_6

- exterior surface of wall insulated over full height
- sub surface of floor slab insulated with 1. m strip around perimeter
- floor and wall insulation have same thermal resistance
- first-storey non-brick veneer or bricks thermally broken from concrete walls
- 200mm concrete walls and 100 mm concrete floor
- Use column 5 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



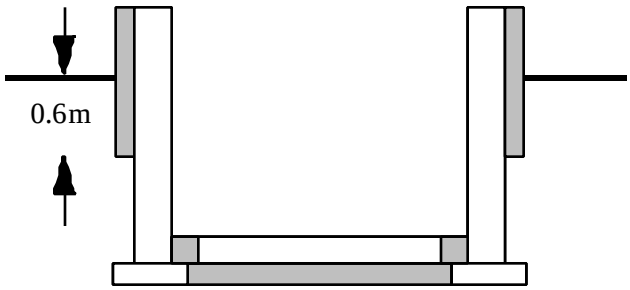
BCEB_8

- exterior surface of wall insulated to 0.6m below grade
- sub-surface of floor slab fully insulated but no insulation under footings
- thermal break between slab and wall
- sub-slab, wall, and thermal break insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCEB_9

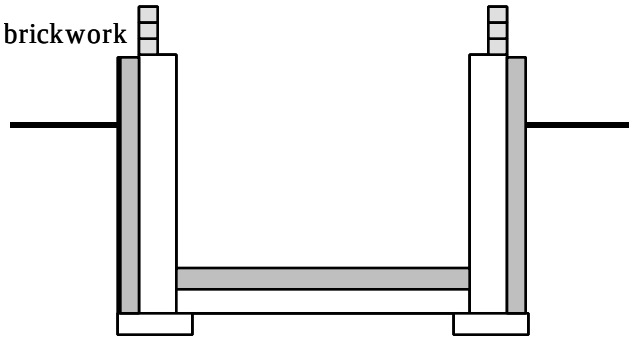
- exterior surface of wall insulated to 0.6 m below grade
- sub-surface of floor slab fully insulated but no insulation under footings
- thermal break between slab and wall
- sub-slab, wall, and thermal break insulation have same thermal resistance
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.14 Concrete Basement with Exterior-Wall and Above-Slab Insulation

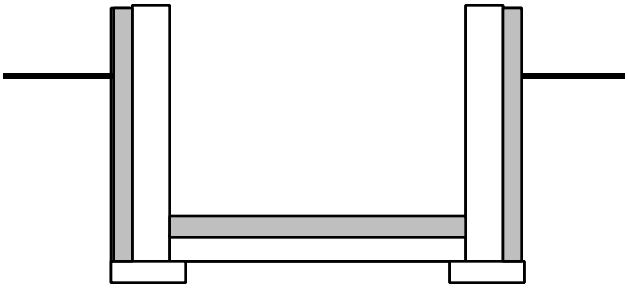
BCEA_1

- exterior surface of wall insulated over full-height
- top-surface of floor slab fully insulated
- slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



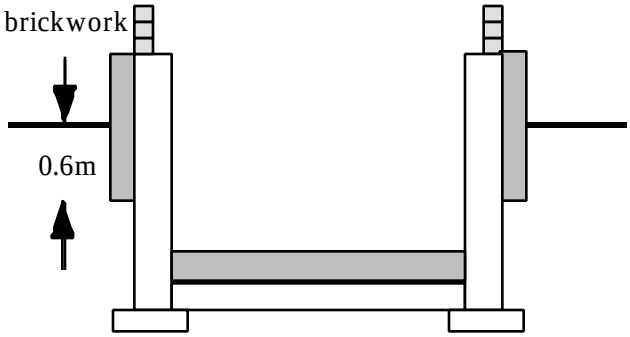
BCEA_4

- exterior surface of wall insulated over full-height
- top-surface of floor slab fully insulated
- slab and wall insulation have same thermal resistance
- any first floor construction
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



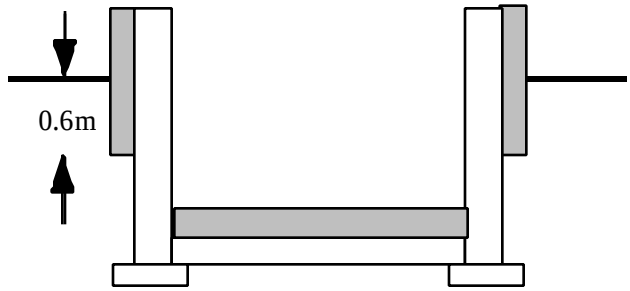
BCEA_5

- exterior surface of wall insulated to 0.6 m below grade
- top surface of floor slab is fully insulated
- slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



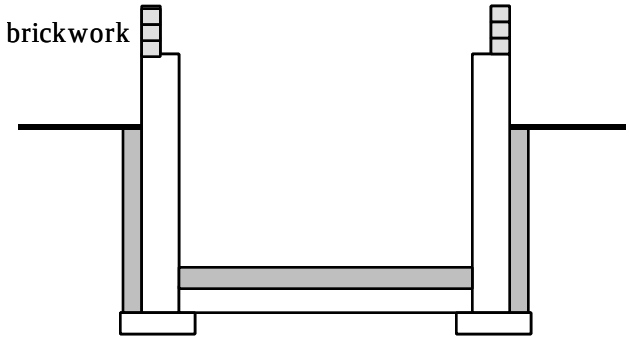
BCEA_6

- exterior surface of wall insulated to 0.6 m below grade
- top surface of floor slab is fully insulated
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 8 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



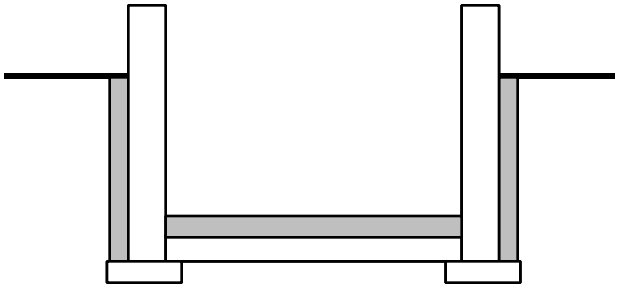
BCEA_7

- exterior surface of wall insulated below grade only
- top-surface of floor slab fully insulated
- slab and wall insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BCEA_8

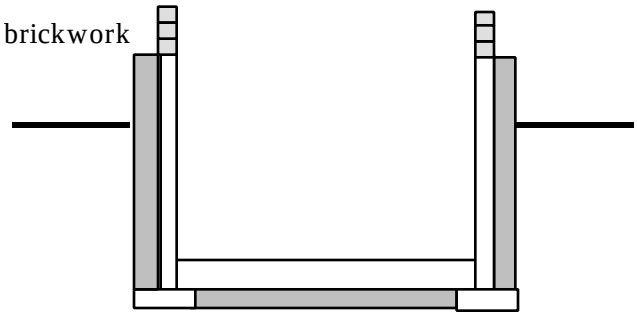
- exterior surface of wall insulated below grade only
- top-surface of floor slab fully insulated
- slab and wall insulation have same thermal resistance
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 200mm concrete walls and 100mm concrete floor
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.15 Wood Wall and Concrete Slab Basements with Exterior-Wall and Below-Slab Insulation

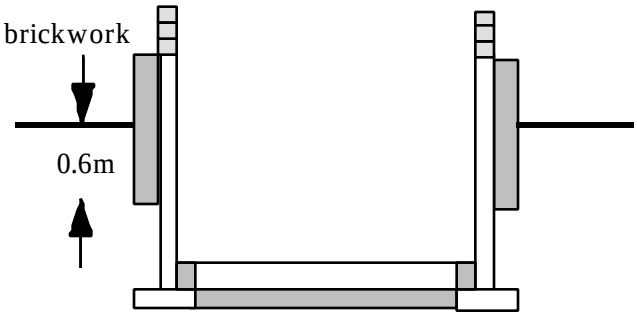
BBEB_1

- exterior surface of wall insulated to 0.6 m below grade
- bottom of slab fully insulated but no insulation under footings
- first-storey brick veneer placed directly on basement's concrete walls
- sub-slab and wall insulation have same thermal resistance
- 50 mm wood wall and 100 mm and concrete floor
- Use column 8 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BBEB_2

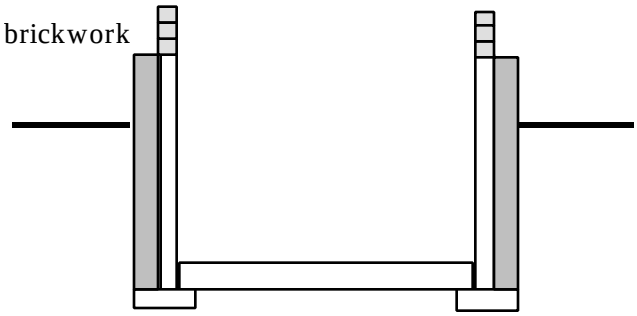
- exterior surface of wall insulated to 0.6 m below grade
- bottom of slab fully insulated but no insulation under footings
- first-storey brick veneer placed directly on basement's concrete walls
- thermal break between slab and wall
- slab, wall, and thermal break insulation have same thermal resistance
- 50 mm wood wall and 100 mm and concrete floor
- Use column 8 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.16 Wood Wall and Concrete Slab Basements with Exterior-Wall and No-Slab Insulation

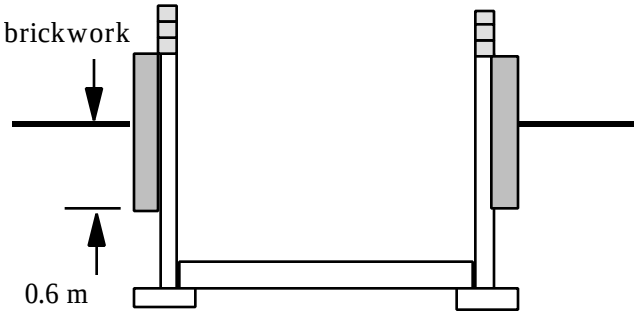
BBEN_1

- exterior surface of wall fully insulated
- first-storey is brick veneer placed directly on basement's concrete walls
- 50 mm wood wall and 100 mm concrete floor
- Use column 5 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BBEN_2

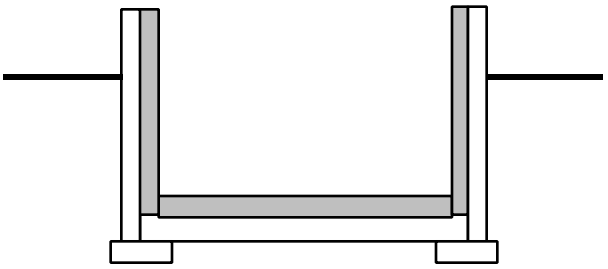
- exterior surface of wall insulated to 0.6 m below grade
- first-storey is brick veneer placed directly on basement's concrete walls
- 50 mm wood wall and 100 mm concrete slab
- Use column 4 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.17 Wood Wall and Concrete Slab Basements with Interior-Wall and Above-Slab Insulation

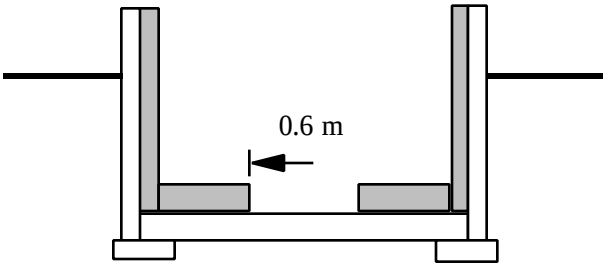
BBIA_1

- interior surface of wall insulated over full-height
- top-surface of floor slab fully insulated
- slab and wall insulation have same thermal resistance
- any first storey construction
- 50mm wood walls and 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BBIA_2

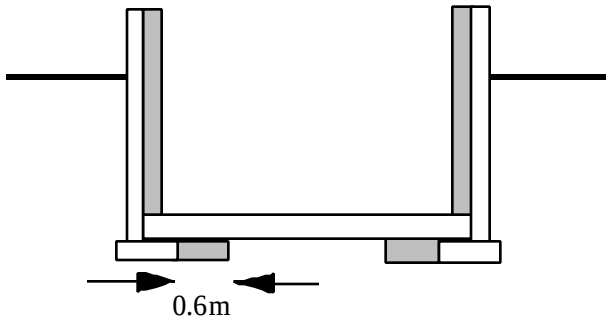
- interior surface of wall insulated over full height
- top of slab insulated with a 0.6 m strip around the perimeter
- slab and wall insulation have same thermal resistance
- any first storey construction
- 50 mm wood wall and 100 mm concrete slab
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.18 Wood Wall and Concrete Slab Basements with Interior-Wall and Below-Slab Insulation

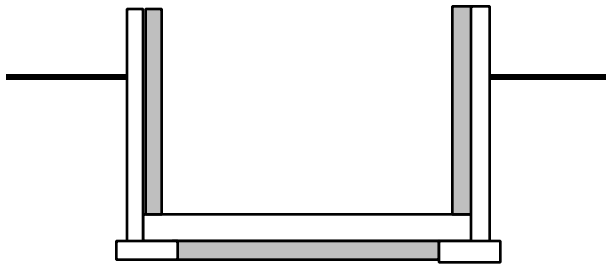
BBIB_1

- interior surface of wall insulated over full height
- sub-surface of floor slab insulated with a 0.6m strip around perimeter
- slab and wall insulation have same thermal resistance
- any first storey construction
- 50mm wood walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



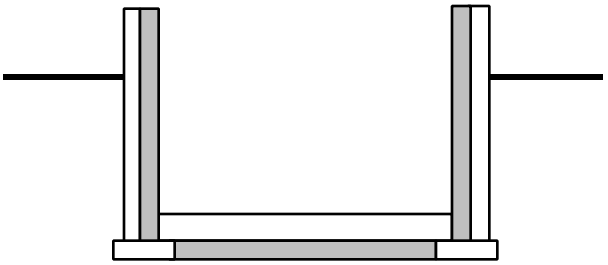
BBIB_2

- interior surface of wall insulated over full-height
- sub-surface of floor slab fully insulated but no insulation below footings
- slab and wall insulation have same thermal resistance
- any first storey construction
- 50mm wood walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



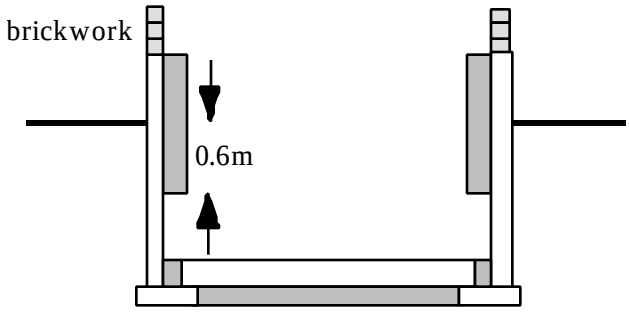
BBIB_3

- interior surface of wall insulated over full-height
- sub-surface of floor slab fully insulated but no insulation under footings
- thermal break between slab and wall
- slab, wall, and thermal break insulation have same thermal resistance
- any first floor construction
- 50 mm wood walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



BBIB_4

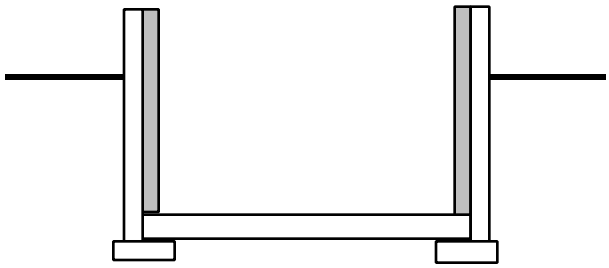
- interior surface of wall insulated from top of wall to 0.6m below grade
- sub-surface of floor slab fully insulated but no insulation under footings
- thermal break between slab and wall
- slab, wall, and thermal break insulation have same thermal resistance
- first-storey brick veneer placed directly on basement's concrete walls
- 50mm wood walls and 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.19 Wood Wall and Concrete Floor Basements with Interior-Wall and No Slab Insulation

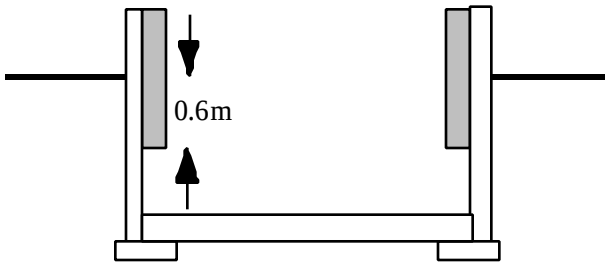
BBIN_1

- interior surface of wall insulated over full-height
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 50mm wood walls and 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



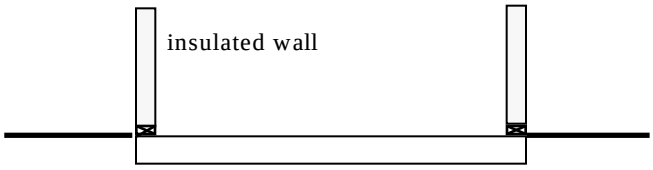
BBIN_2

- interior surface of wall insulated from top of wall to 0.6 m below grade
- first-storey is non-brick veneer or bricks thermally broken broken from basement's concrete walls
- 50 mm wood wall and 100 mm concrete floor
- Use column 2 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)

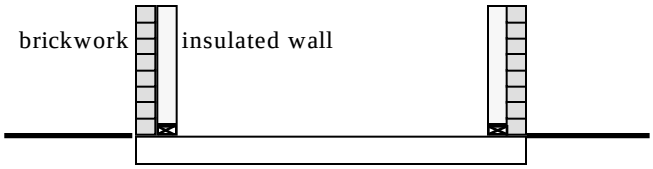


4.20 Concrete Slabs-on-Grade with No Insulation on the Slab

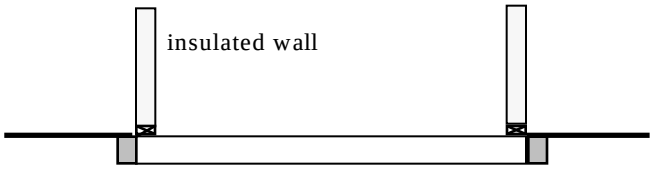
SCN_1
- no insulation
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCN_2
- no insulation
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)

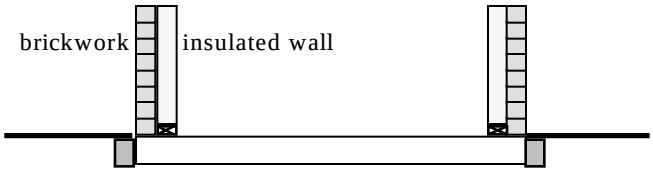


SCN_3
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)



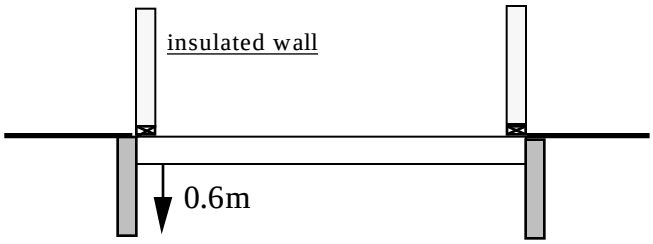
SCN_4

- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)



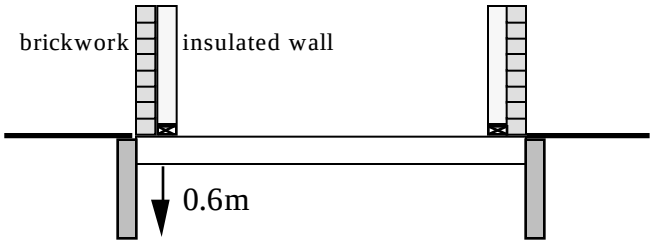
SCN_7

- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCN_8

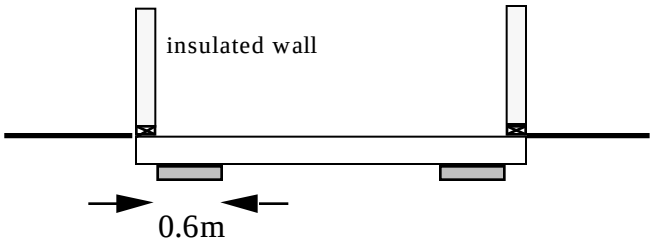
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 and set RSI=0 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.21 Concrete Slabs-on-Grade with Sub-Slab Insulation

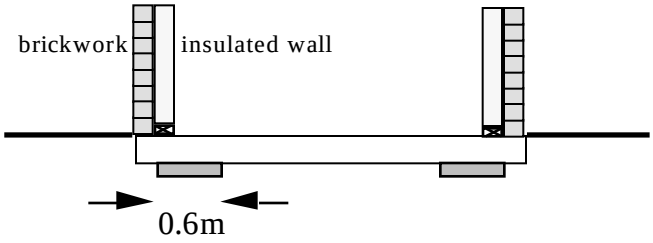
SCB_1

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



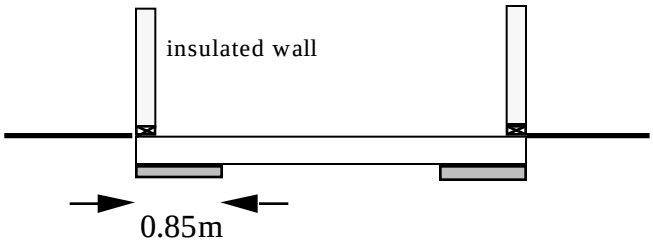
SCB_2

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



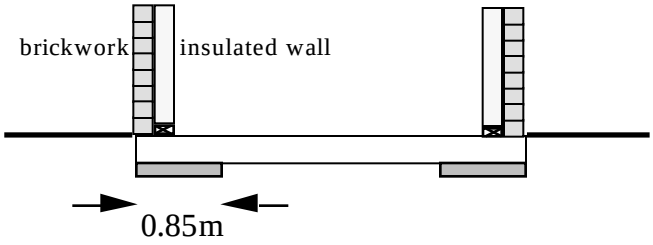
SCB_3

- bottom of slab insulated 0.6m around perimeter
- insulation also placed under footing creating a 0.85m continuous section of insulation
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



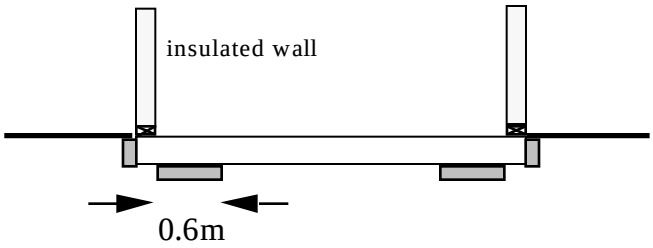
SCB_4

- bottom of slab insulated 0.6m around perimeter
- insulation also placed under footing creating a 0.85m continuous section of insulation
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



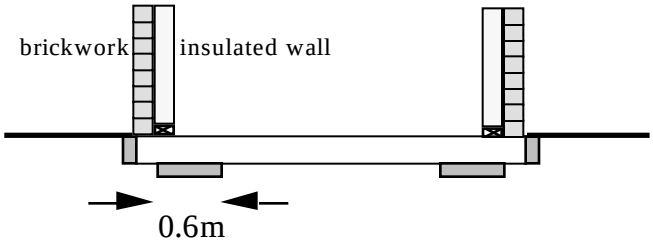
SCB_5

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



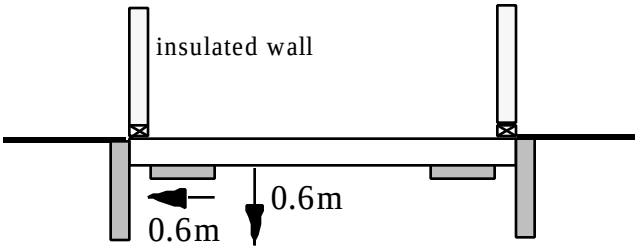
SCB_6

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



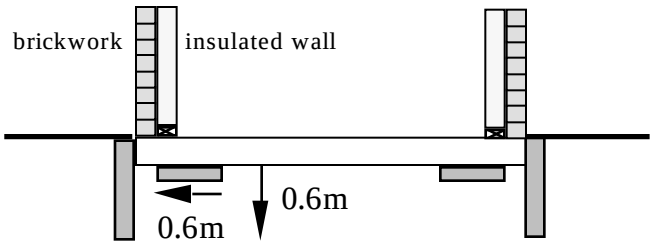
SCB_9

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



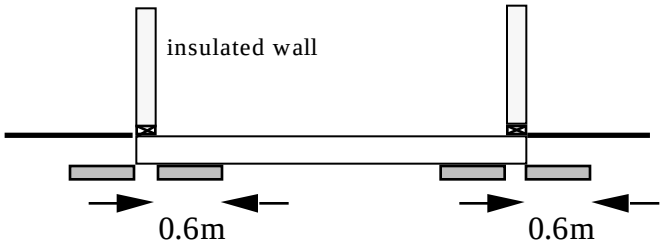
SCB_10

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



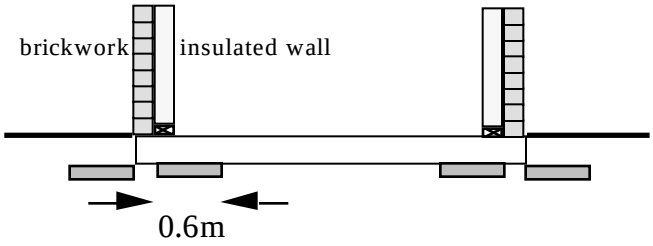
SCB_11

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



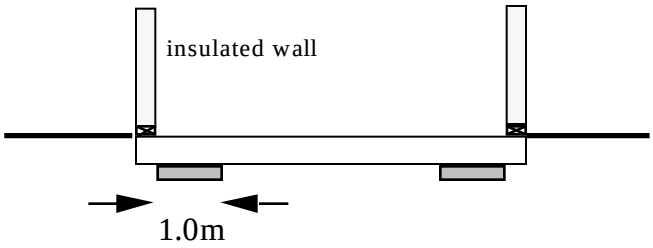
SCB_12

- bottom of slab insulated 0.6m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



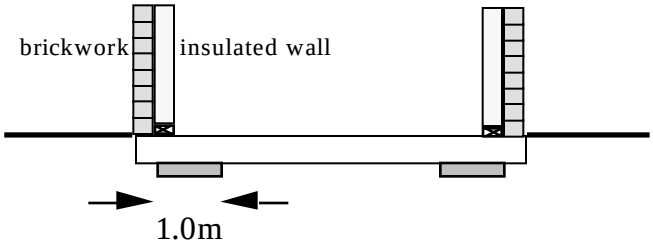
SCB_13

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



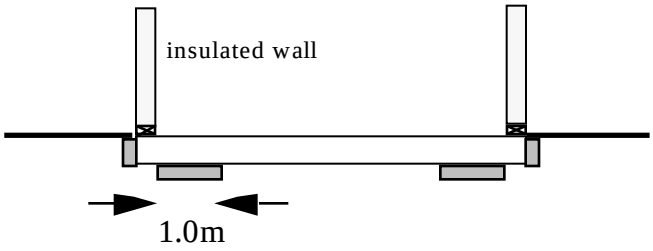
SCB_14

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



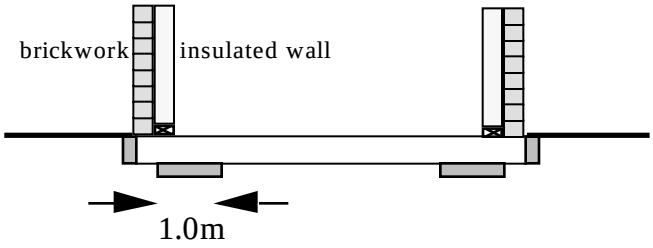
SCB_17

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



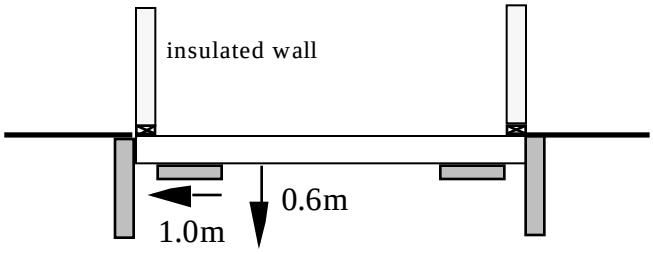
SCB_18

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



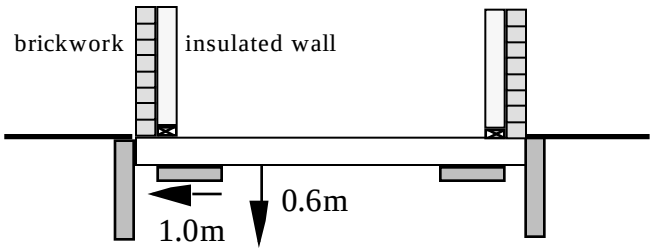
SCB_21

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



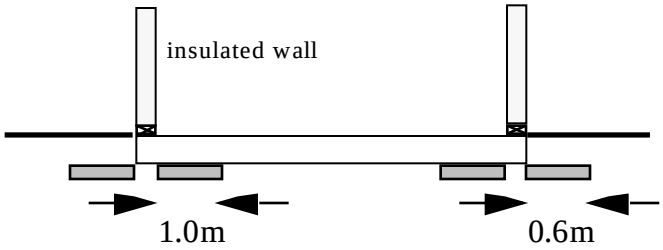
SCB_22

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



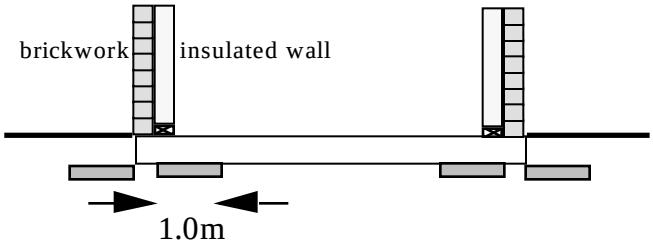
SCB_23

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



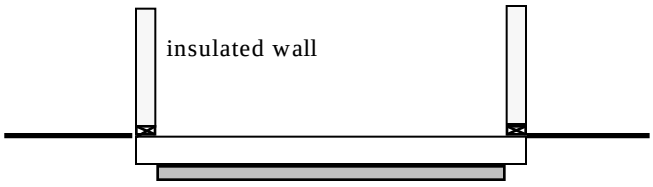
SCB_24

- bottom of slab insulated 1.0m around perimeter
- no insulation under footing or foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



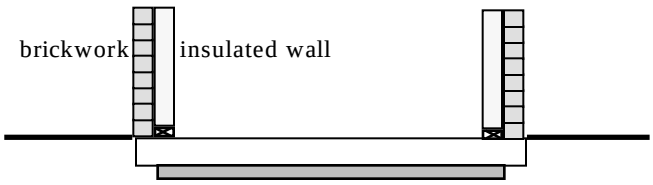
SCB_25

- bottom of slab fully insulated except under footing/foundation wall (ie. insulation starts 0.25m from edge)
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



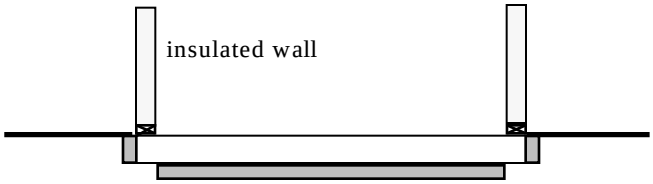
SCB_26

- bottom of slab fully insulated except under footing / foundation wall (ie. insulation starts 0.25m from edge)
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



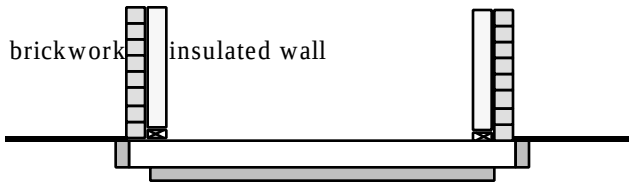
SCB_29

- bottom of slab fully insulated except under footing / foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



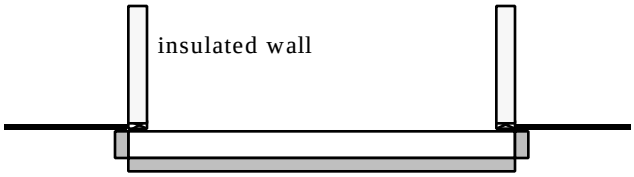
SCB_30

- bottom of slab fully insulated except under footing/foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



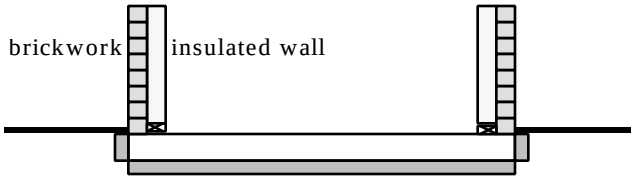
SCB_31

- bottom of slab fully insulated
- insulation under footing/foundation wall
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



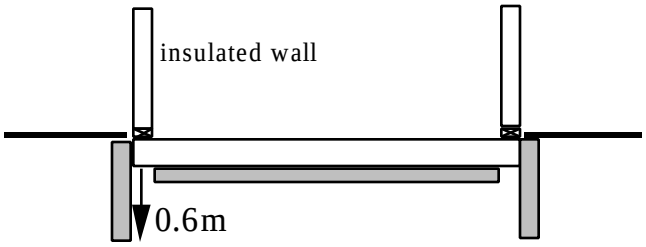
SCB_32

- bottom of slab fully insulated
- insulation under footing/foundation wall
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



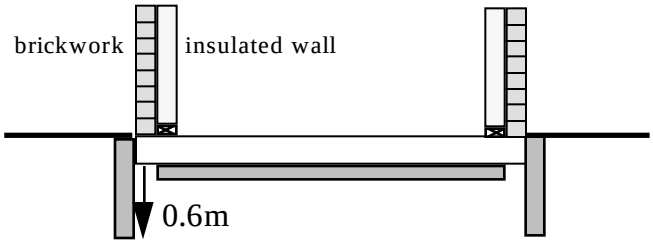
SCB_33

- bottom of slab fully insulated except under footing/foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



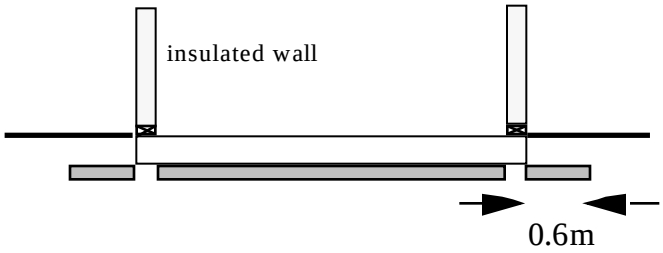
SCB_34

- bottom of slab fully insulated except under footing/foundation wall (ie. insulation starts 0.25m from edge)
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



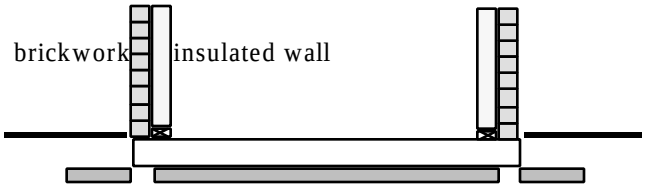
SCB_35

- bottom of slab fully insulated except under footing/foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



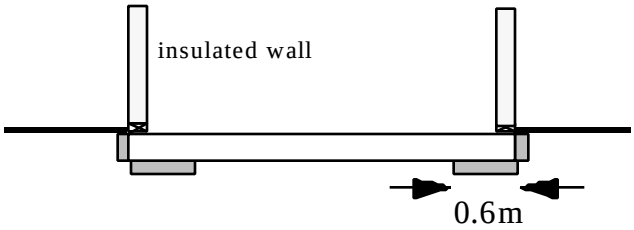
SCB_36

- bottom of slab fully insulated except under footing / foundation wall (ie. insulation starts 0.25m from edge)
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



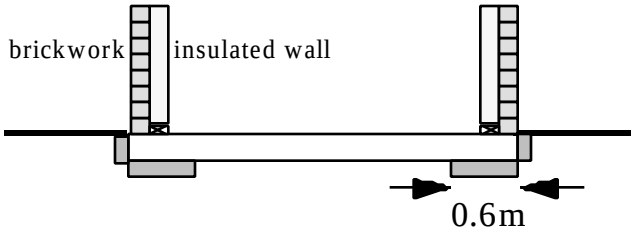
SCB_37

- bottom of slab insulated 0.35m around perimeter
- insulation under footing creating a 0.6m continuous section of insulation
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



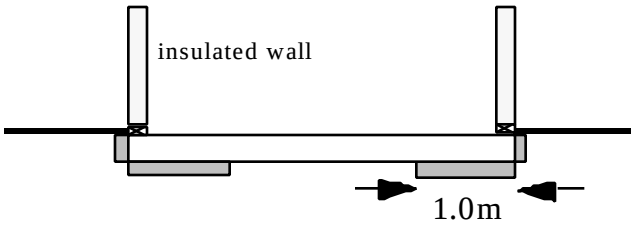
SCB_38

- bottom of slab insulated 0.35m around perimeter
- insulation under footing creating a 0.6m continuous section of insulation
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



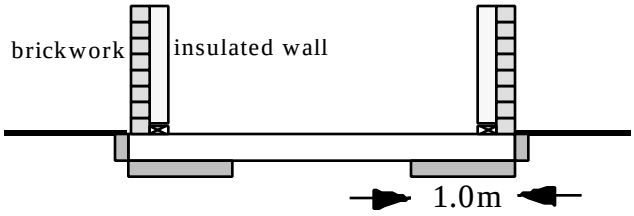
SCB_39

- bottom of slab insulated 0.75m around perimeter
- insulation under footing creating a 1.0m continuous section of insulation
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCB_40

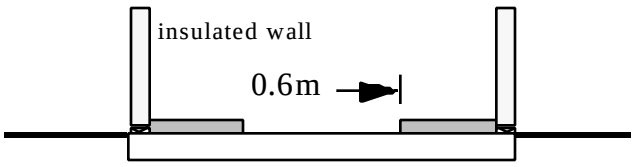
- bottom of slab insulated 0.75m around perimeter
- insulation under footing creating a 1.0m continuous section of insulation
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 3 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



4.22 Concrete Slabs-on-Grade with Above-Slab Insulation

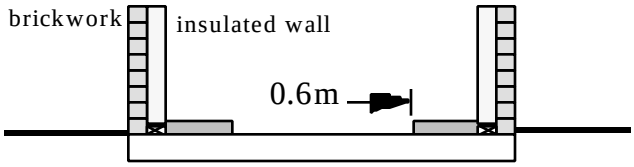
SCA_1

- top of slab insulated 0.6 m strip around perimeter
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100 mm concrete slab
- Use column 6 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



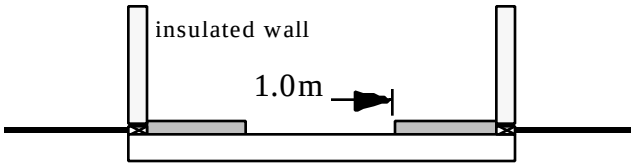
SCA_2

- top of slab insulated 0.6 m strip around perimeter
- first-storey brick veneer placed directly on concrete slab
- 100 mm concrete slab
- Use column 6 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



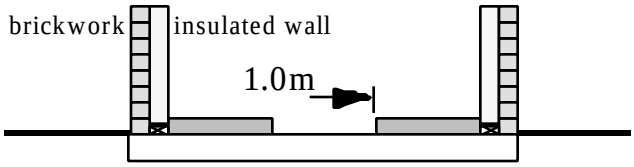
SCA_9

- top of slab insulated 1. m strip around perimeter
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100 mm concrete slab
- Use column 6 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)

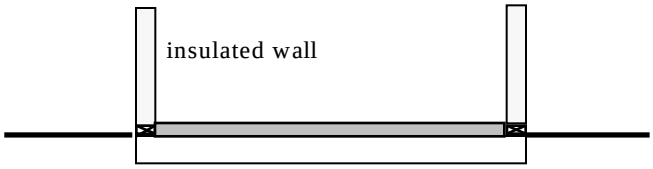


SCA_10

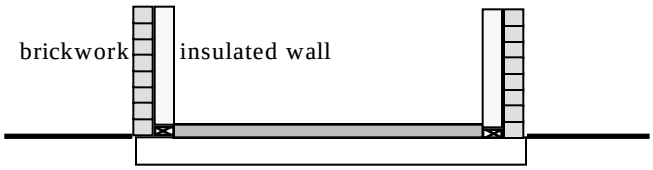
- top of slab insulated 1. m strip around perimeter
- first-storey brick veneer placed directly on concrete slab
- 100 mm concrete slab
- Use column 6 of Table 1 for the corner-correction method (Beausoleil-Morrison et al 1995b)



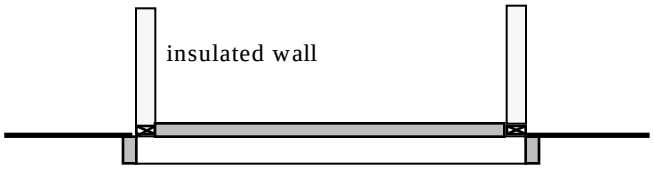
SCA_17
- top of slab fully insulated
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCA_18
- top of slab fully insulated
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)

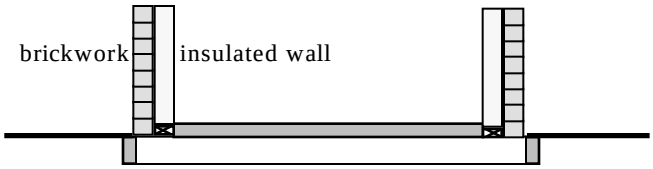


SCA_19
- top of slab fully insulated
- thermal break around edge of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



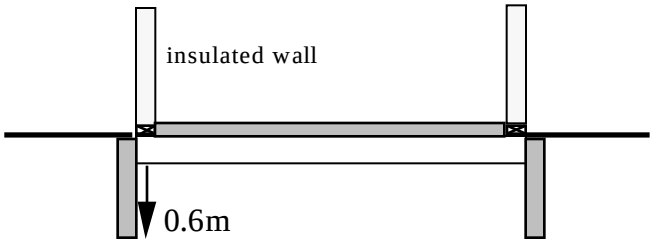
SCA_20

- top of slab fully insulated
- thermal break around edge of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



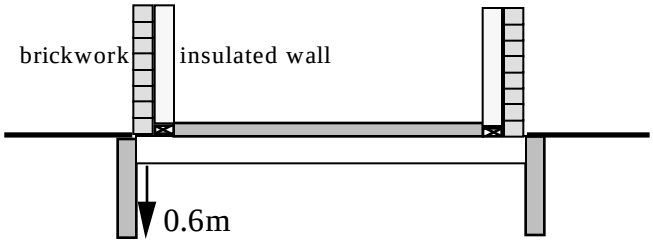
SCA_21

- top of slab fully insulated
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



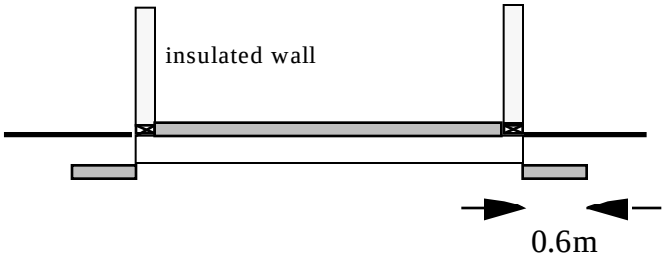
SCA_22

- top of slab fully insulated
- thermal break around edge of slab
- vertical skirt extends 0.6m from bottom of slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCA_23

- top of slab fully insulated
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey is non-brick veneer or bricks thermally broken from basement's concrete walls
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)



SCA_24

- top of slab fully insulated
- 0.2m-deep horizontal skirt extends 0.6m from slab
- first-storey brick veneer placed directly on concrete slab
- 100mm concrete floor
- Use column 2 of Table 2 for the corner-correction method (Beausoleil-Morrison et al 1995b)