

ASPHALT SHINGLES ON MIN.
9.5mm PLYWOOD SHEATHING ON
APPROVED ROOF TRUSSES OR
WOOD RAFTERS (SEE PLANS) USE
'H'-CLIPS IF 600mm O.C. SPACING

EAVE PROTECTION TO EXTEND
FROM THE EDGE OF THE ROOF,
900mm UP THE SLOPE BUT NOT LESS
LESS THAN 300mm BEYOND THE INT.
FACE OF THE EXTERIOR WALL

EAVESTROUGH, RVL
FASCIA BOARD &
VENTED SOFFIT
FINISH AS PER
THE ELEVATIONS

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

SLOPE GRADE AWAY
FROM BUILDING FACE

BITUMINOUS DAMPPROOFING
ON MINIMUM 6mm FARGING ON
CONCRETE BLOCK FDN. WALL
W/ FARGING COVERED OVER
POURED CONCRETE FOOTING

(POURED CONCRETE WALLS
TO HAVE TIE HOLES FILLED
WITH CEMENT MORTAR
OR DAMPPROOFING)

DRAINAGE LAYER
- MINIMUM 19mm MINERAL FIBRE
INSULATION W/ A DENSITY OF
NOT LESS THAN 57 kg/M³, OR
- MINIMUM 100mm OF FREE DRAINING
GRANULAR MATERIAL, OR
- A B.M.E.C. APPROVED
DRAINAGE LAYER MATERIAL

BACKFILL W/ FREE
DRAINING MATERIAL

450x130 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

100mm DIA. KEEPING TILE W/
150mm CRUSHED STONE COVER

ROOF VENTILATION
1:300 OF THE INSULATED
CEILING AREA
UNIFORMLY DISTRIBUTED

CARRY MIN. RSI 3.52 INSULATION
TO COVER INTERIOR FACE
OF EXTERIOR WALL

INTERIOR CEILING FINISH
CONT. AIR/VAPOUR BARRIER
W/ MINIMUM RSI 0.81 INSULATION

CONTINUOUS AIR/
VAPOUR BARRIER

EXTERIOR WALL MUST HAVE
MIN. RSI 4.23 INSULATION VALUE

WINDOWS SHALL HAVE A
MAX. U VALUE OF 1.8

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS BRIDGED W/
CONTINUOUS 19x64 STRAPPING
OR 38x38 CROSS BRIDGING OR
SOLID BLOCKING @ 2100 O.C.

SEAL HEADER WRAP
TO VAPOUR BARRIER

HEADER WRAP AIR BARRIER AROUND
CONTINUOUS HEADER JOIST W/
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

SEAL HEADER WRAP
TO FOUNDATION WALL

SEMI-SOLID BLOCK COURSE
AT OR BELOW GRADE LEVEL

38x89 WOOD STUDS @ 400 O.C.
STAND OFF FROM FDN. WALL
RSI 2.11 INSULATION W/ 0.15mm POLY
VAPOUR/BARRIER W/
RSI 1.76 RIGID INSULATION
(INTERIOR FINISH IS OPTIONAL)
INSUL. MAY BE TERMINATED
200mm ABOVE FLOOR

BASEMENT WALL MUST HAVE
MIN. RSI 3.52 INSULATION VALUE

BLOCK SIZE	MAX. HEIGHT FROM SLAB TO GRADE
190	1200mm
240	1800mm
290	2200mm

BASEMENT SLAB
75mm POURED CONC. SLAB
15 MPa W/ 0.15mm POLY
25 MPa WITHOUT POLY
100mm CRUSHED STONE

POLY MOISTURE BARRIER
SEAL TO FDN. WALL & SLAB

MAX. TOTAL MASONRY HEIGHT 2500mm

TACBOC
STANDARD DETAIL

TITLE
FRAME WALL SECTION
FULL BASEMENT

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information purposes only. They do not
necessarily represent every detail of building
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apply. For more detailed information about
construction regulations refer to the Ontario
Building Code, or a qualified designer.

DWG. NO.

W01

03-2012

ASPHALT SHINGLES ON MIN.
9.5mm PLYWOOD SHEATHING ON
APPROVED ROOF TRUSSES OR
WOOD RAFTERS (SEE PLANS) USE
'H'-CLIPS IF 600mm O.C. SPACING

EAVE PROTECTION TO EXTEND
FROM THE EDGE OF THE ROOF,
900mm UP THE SLOPE BUT NOT LESS
THAN 300mm BEYOND THE INT.
FACE OF THE EXTERIOR WALL

EAVESTROUGH, RVL
FASCIA BOARD &
VENTED SOFFIT
FINISH AS PER
THE ELEVATIONS

BRICK VENEER WALL
90mm FACE BRICK
25mm AIR SPACE
0.76mm THICK x22mm WIDE
GALVANIZED METAL TIES
INSTALLED W/ GALVANIZED
SPIRAL NAILS OR SCREWS
400mm O.C. HORIZONTAL
600mm O.C. VERTICAL
SHEATHING PAPER W/ LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN CONT.
CONTACT W/ SHEATHING
CONTINUOUS VAPOUR/AIR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

0.5mm POLY FLASHING
MINIMUM 150mm UP BEHIND
SHEATHING PAPER
PROVIDE WEEP HOLES
@ MAX. 800mm APART

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

SLOPE GRADE AWAY
FROM BUILDING FACE

BITUMINOUS DAMPPROOFING
ON MINIMUM 6mm PARGING ON
CONCRETE BLOCK FDN. WALL
W/ PARGING COVERED OVER
POURED CONCRETE FOOTING
(POURED CONCRETE WALLS
TO HAVE TIE HOLES FILLED
WITH CEMENT MORTAR
OR DAMPPROOFING)

DRAINAGE LAYER
- MINIMUM 19mm MINERAL FIBRE
INSULATION W/ A DENSITY OF
NOT LESS THAN 57kg/M³, OR
- MINIMUM 100mm OF FREE DRAINING
GRANULAR MATERIAL, OR
- A B.M.E.C. APPROVED
DRAINAGE LAYER MATERIAL

BACKFILL W/ FREE
DRAINING MATERIAL

450x130 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

100mm DIA. WEEFING TILE W/
150mm CRUSHED STONE COVER

ROOF VENTILATION
1:300 OF THE INSULATED
CEILING AREA
UNIFORMLY DISTRIBUTED

25mm
50mm

CARRY MIN. RSI 3.52 INSULATION
TO COVER INTERIOR FACE
OF EXTERIOR WALL

INTERIOR CEILING FINISH
CONT. AIR/VAPOUR BARRIER
W/ MINIMUM RSI 0.81 INSULATION

CONTINUOUS AIR/
VAPOUR BARRIER

EXTERIOR WALL MUST HAVE
MIN. RSI 4.23 INSULATION VALUE

WINDOWS SHALL HAVE A
MAX. U VALUE OF 1.8

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS BRIDGED W/
CONTINUOUS 19x64 STRAPPING
OR 38x38 CROSS BRACING OR
SOLID BLOCKING @ 2100 O.C.

SEAL HEADER WRAP
TO VAPOUR BARRIER

HEADER WRAP AIR BARRIER AROUND
CONTINUOUS HEADER JOIST W/
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

SEAL HEADER WRAP
TO FOUNDATION WALL

SEMI-SOLID BLOCK COURSE
AT OR BELOW GRADE LEVEL

38x89 WOOD STUDS @ 400 O.C.
STAND OFF FROM FDN. WALL
RSI 2.11 INSULATION W/ 0.15mm POLY
VAPOUR/BARRIER W/
RSI 1.76 RIGID INSULATION
(INTERIOR FINISH IS OPTIONAL)
INSUL. MAY BE TERMINATED
200mm ABOVE FLOOR

BASEMENT WALL MUST HAVE
MIN. RSI 3.52 INSULATION VALUE

BLOCK SIZE	MAX. HEIGHT FROM SLAB TO GRADE
190	1200mm
240	1800mm
290	2200mm

BASEMENT SLAB
75mm POURED CONC. SLAB
15 MPa W/ 0.15mm POLY
25 MPa WITHOUT POLY
100mm CRUSHED STONE

POLY MOISTURE BARRIER
SEAL TO FDN. WALL & SLAB

MAX. TOTAL MASONRY HEIGHT 2500mm

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TACBOC
STANDARD DETAIL

TITLE

BRICK VENEER WALL SECTION
FULL BASEMENT

DWG. NO.

W02

03-2012

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

SLOPE GRADE AWAY
FROM BUILDING FACE

BITUMINOUS DAMPPROOFING
ON MINIMUM 6mm FARGING ON
CONCRETE BLOCK FDN. WALL

450x100 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

100mm DIA. WEEPING TILE W/
150mm CRUSHED STONE COVER

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS BRIDGED W/
CONTINUOUS 19x64 STRAPPING
OR 38x38 CROSS BRIDGING OR
SOLID BLOCKING @ 2100 O.C.

SEAL HEADER WRAP
TO VAPOUR BARRIER

UNHEATED CRAWL SPACE
RSI 5.46 INSULATION IN FLOOR
EXTEND VAPOUR BARRIER
SEAL TO JOIST & SUBFLOOR
PROVIDE 0.1M2 VENT AREA PER
50M2 OF CRAWL SPACE &
500mmx700mm ACCESS
TO CRAWL SPACE

SEMI-SOLID BLOCK COURSE
AT OR BELOW GRADE LEVEL

CRAWL SPACE CLEARANCE MINIMUM
600mm CLEAR TO U/S OF STRUCTURE
50mm ASPHALT GROUND COVER OR
100mm of 15 MPa PORTLAND CEMENT
CONCRETE OR 0.1mm POLY MIN. 100mm
OVERLAP @ JOINTS WEIGHTED DOWN

U/S OF FOOTING

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

SLOPE GRADE AWAY
FROM BUILDING FACE

BITUMINOUS DAMPPROOFING
ON MINIMUM 6mm FARGING ON
CONCRETE BLOCK FDN. WALL

450x100 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

100mm DIA. WEEPING TILE W/
150mm CRUSHED STONE COVER

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS BRIDGED W/
CONTINUOUS 19x64 STRAPPING
OR 38x38 CROSS BRIDGING OR
SOLID BLOCKING @ 2100 O.C.

SEAL HEADER WRAP
TO VAPOUR BARRIER

HEADER WRAP AIR BARRIER AROUND
CONTINUOUS HEADER JOIST W/
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

HEATED CRAWL SPACE
PROVIDE 500mmx700mm
ACCESS TO CRAWL SPACE

SEAL HEADER WRAP
TO FOUNDATION WALL

SEMI-SOLID BLOCK COURSE
AT OR BELOW GRADE LEVEL

RSI 3.52 INSULATION W/ 0.15mm
VAPOUR BARRIER, PROTECT
INSULATION W/ INTERIOR FINISH

CRAWL SPACE CLEARANCE MINIMUM
600mm CLEAR TO U/S OF STRUCTURE
PROVIDE 0.15 POLY GROUND COVER
MIN. 300mm OVERLAP, SEALED AT JOINTS
& FOUNDATION WALL & WEIGHTED DOWN

RSI 1.76 TO 600mm
BELOW GRADE

U/S OF FOOTING

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TACBOC
STANDARD DETAIL

TITLE
CRAWL SPACE
HEATED & UNHEATED

DWG. NO.

W04

03-2012

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

MIN. 6mm PARGING ON
BLOCK FDN. WALL
ABOVE GRADE ONLY

SLOPE GRADE AWAY
FROM BUILDING FACE

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

450x100 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON
38x38 SLEEPERS @ 400 O.C.
POLY DAMPPROOFING UNDER
W/ RIGID INSULATION (OPTIONAL)

SEAL HEADER WRAP
TO VAPOUR BARRIER

75mm POURED CONCRETE SLAB
15MPa W/ 0.15mm POLY
25MPa WITHOUT POLY
100mm CRUSHED STONE

RSI 1.76 RIGID INSULATION ON
CONCRETE BLOCK FDN. WALL
MIN. 600mm BELOW EXT. GRADE

GRADE

1200mm MIN.

U/S OF FOOTING

BRICK VENEER WALL
90mm FACE BRICK
25mm AIR SPACE
0.76mm THICK x22mm WIDE
GALVANIZED METAL TIES
INSTALLED W/ GALVANIZED
SPIRAL NAILS OR SCREWS
400mm O.C. HORIZONTAL
600mm O.C. VERTICAL
SHEATHING PAPER W/ LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN CONT.
CONTACT W/ SHEATHING
CONTINUOUS VAPOUR/AIR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

0.5mm POLY FLASHING
MINIMUM 150mm UP BEHIND
SHEATHING PAPER
PROVIDE KEEP HOLES
@ MAX. 800mm APART

MIN. 6mm PARGING ON
BLOCK FDN. WALL
ABOVE GRADE ONLY

SLOPE GRADE AWAY
FROM BUILDING FACE

TOP BLOCK COURSE FILLED
W/ MORTAR OR CONCRETE

450x130 DEEP POURED
CONC. FTG. (TYPICAL)
FOOTING TO BEAR ON
UNDISTURBED SOIL

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON
38x38 SLEEPERS @ 400 O.C.
POLY DAMPPROOFING UNDER
W/ RIGID INSULATION (OPTIONAL)

WOOD SILL PLATE FASTENED TO
FOUNDATION WALL W/ MINIMUM
12.7mm DIAMETER ANCHOR BOLTS
EMBEDDED MIN. 100mm IN CONCRETE
@ 2400mm O.C. MAX. & PROVIDE
CONTINUOUS AIR BARRIER BETWEEN
PLATE & FOUNDATION WALL

SEAL HEADER WRAP
TO VAPOUR BARRIER

75mm POURED CONCRETE SLAB
15MPa W/ 0.15mm POLY
25MPa WITHOUT POLY
100mm CRUSHED STONE

RSI 1.76 RIGID INSULATION ON
CONCRETE BLOCK FDN. WALL
MIN. 600mm BELOW EXT. GRADE

GRADE

1200mm MIN.

U/S OF FOOTING

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TACBOC
STANDARD DETAIL

TITLE
SLAB ON GRADE
FRAME & BRICK VENEER WALLS

DWG. NO.

W05

03-2012

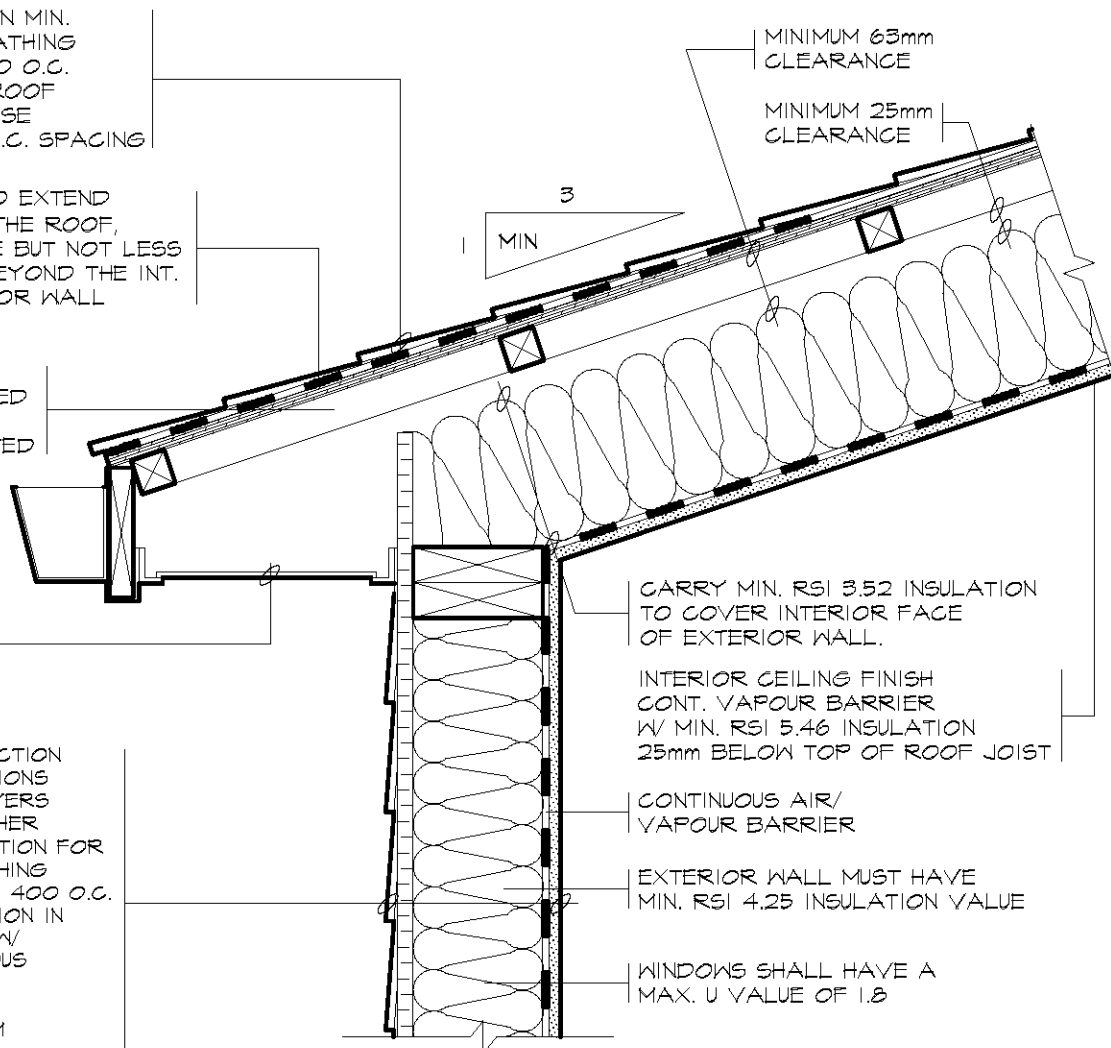
ASPHALT SHINGLES ON MIN.
9.5mm PLYWOOD SHEATHING
38x38 PURLINS @ 400 O.C.
PERPENDICULAR TO ROOF
JOISTS (SEE PLANS) USE
'H'-CLIPS IF 600mm O.C. SPACING

EAVE PROTECTION TO EXTEND
FROM THE EDGE OF THE ROOF,
900mm UP THE SLOPE BUT NOT LESS
LESS THAN 300mm BEYOND THE INT.
FACE OF THE EXTERIOR WALL

ROOF VENTILATION
1:150 OF THE INSULATED
CEILING AREA
UNIFORMLY DISTRIBUTED

EAVESTROUGH, RWL,
FASCIA BOARD &
VENTED SOFFIT
FINISH AS PER
ELEVATIONS

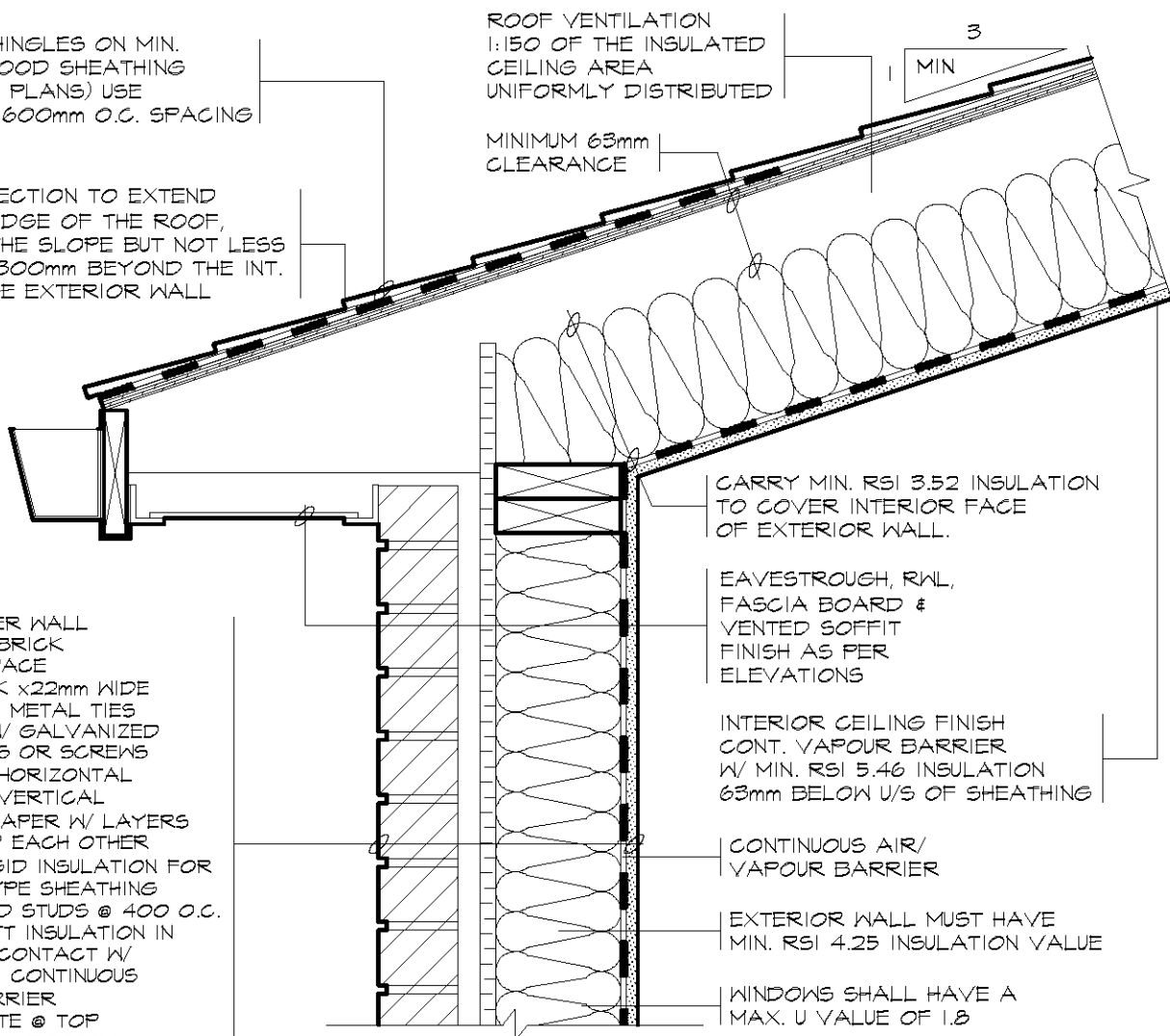
FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH



ASPHALT SHINGLES ON MIN.
9.5mm PLYWOOD SHEATHING
JOISTS (SEE PLANS) USE
'H'-CLIPS IF 600mm O.C. SPACING

EAVE PROTECTION TO EXTEND
FROM THE EDGE OF THE ROOF,
900mm UP THE SLOPE BUT NOT LESS
LESS THAN 300mm BEYOND THE INT.
FACE OF THE EXTERIOR WALL

BRICK VENEER WALL
90mm FACE BRICK
25mm AIR SPACE
0.76mm THICK x22mm WIDE
GALVANIZED METAL TIES
INSTALLED W/ GALVANIZED
SPIRAL NAILS OR SCREWS
400mm O.C. HORIZONTAL
600mm O.C. VERTICAL
SHEATHING PAPER W/ LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH



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TACBOC
STANDARD DETAIL

TITLE
SLOPING ROOF DETAIL
INSULATION & VENTILATION W/ ALTERNATIVE

DWG. NO.
W06a
03-2012

GRAVEL FINISH ON
3 PLY FELT ROOFING
12.5mm PLYWOOD SHEATHING
38x38 PURLINS @ 400 O.C.
PERPENDICULAR TO ROOF
JOISTS (SEE PLANS)

GRAVEL STOP
FLASHING

FASCIA BOARD &
VENTED SOFFIT
FINISH AS PER
ELEVATIONS

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

SLOPE FOR
DRAINAGE

ROOF VENTILATION
1:150 OF THE INSULATED
CEILING AREA
UNIFORMLY DISTRIBUTED

MINIMUM 63mm
CLEARANCE

MINIMUM 25mm
CLEARANCE

INTERIOR CEILING FINISH
CONT. VAPOUR BARRIER
W/ MIN. RSI 5.46 INSULATION
25mm BELOW TOP OF ROOF JOIST

CONTINUOUS AIR/
VAPOUR BARRIER

EXTERIOR WALL MUST HAVE
MIN. RSI 4.25 INSULATION VALUE

WINDOWS SHALL HAVE A
MAX. U VALUE OF 1.8

GRAVEL FINISH ON
3 PLY FELT ROOFING
12.5mm PLYWOOD SHEATHING ON
ROOF JOISTS (SEE PLANS)

GRAVEL STOP
FLASHING

FASCIA BOARD &
VENTED SOFFIT
FINISH AS PER
ELEVATIONS

BRICK VENEER WALL
90mm FACE BRICK
25mm AIR SPACE
0.76mm THICK x22mm WIDE
GALVANIZED METAL TIES
INSTALLED W/ GALVANIZED
SPIRAL NAILS OR SCREWS
400mm O.C. HORIZONTAL
600mm O.C. VERTICAL
SHEATHING PAPER W/ LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

SLOPE FOR
DRAINAGE

ROOF VENTILATION
1:150 OF THE INSULATED
CEILING AREA
UNIFORMLY DISTRIBUTED

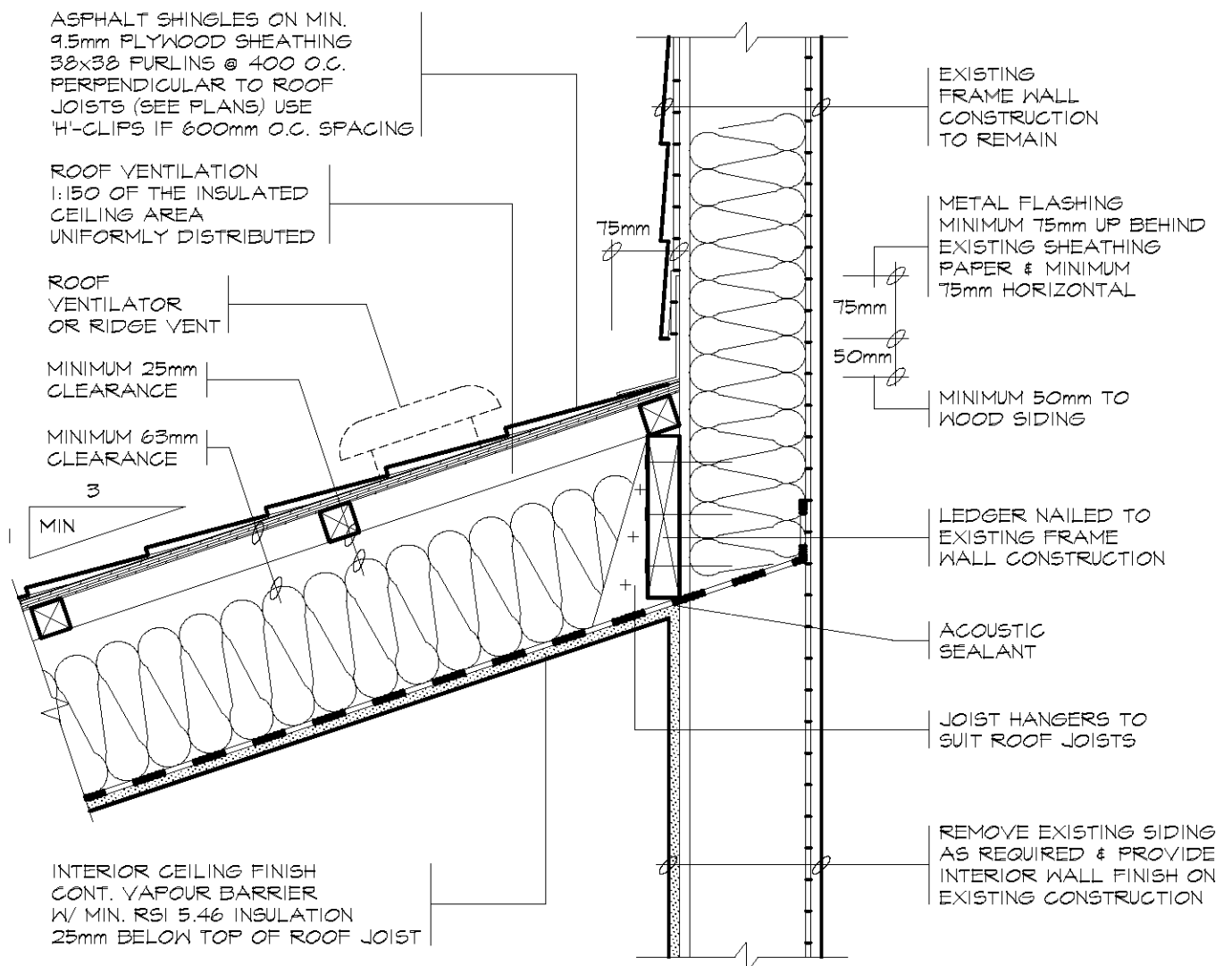
MINIMUM 63mm
CLEARANCE

INTERIOR CEILING FINISH
CONT. VAPOUR BARRIER
W/ MIN. RSI 5.46 INSULATION
63mm BELOW U/S OF SHEATHING

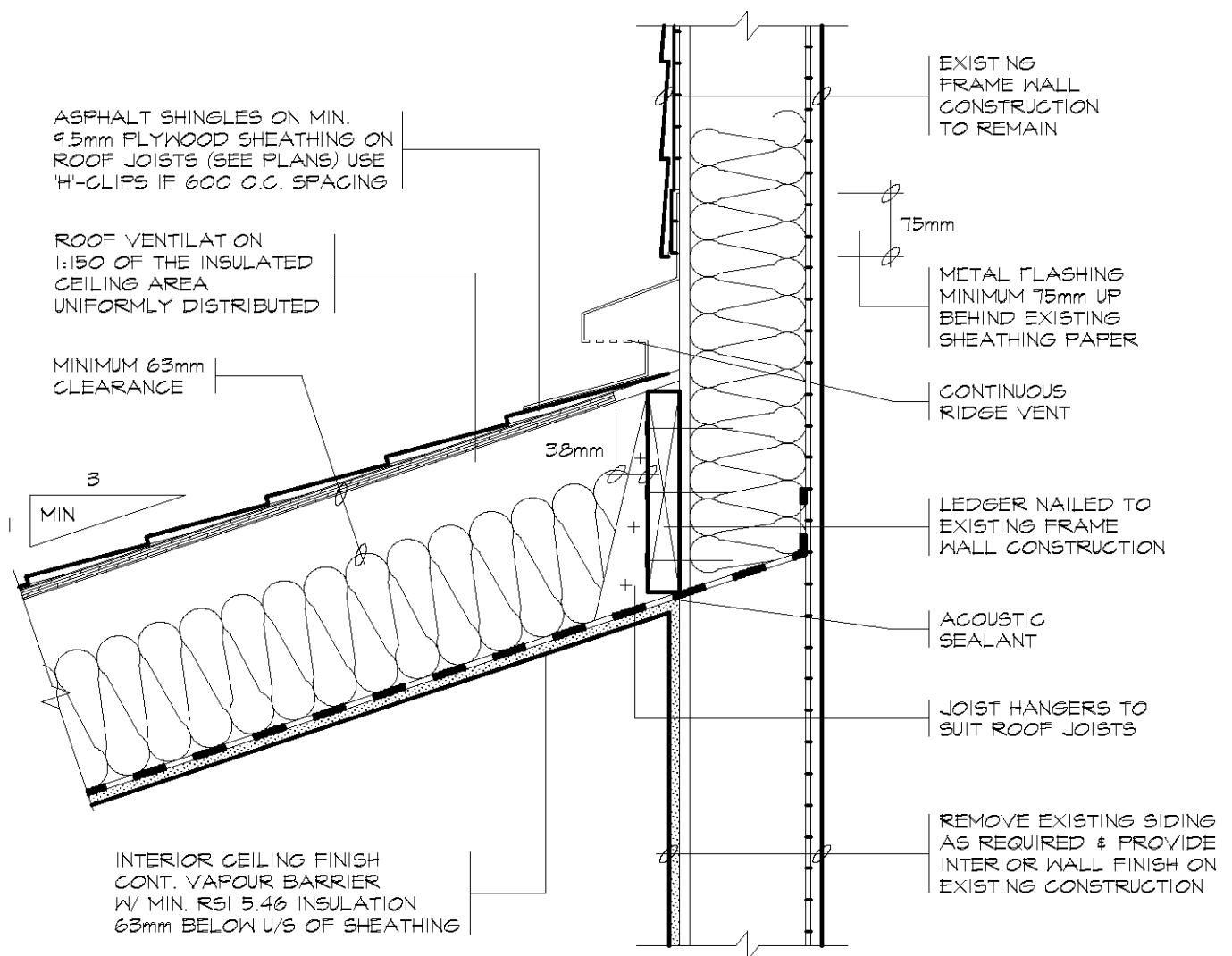
CONTINUOUS AIR/
VAPOUR BARRIER

EXTERIOR WALL MUST HAVE
MIN. RSI 4.25 INSULATION VALUE

WINDOWS SHALL HAVE A
MAX. U VALUE OF 1.8



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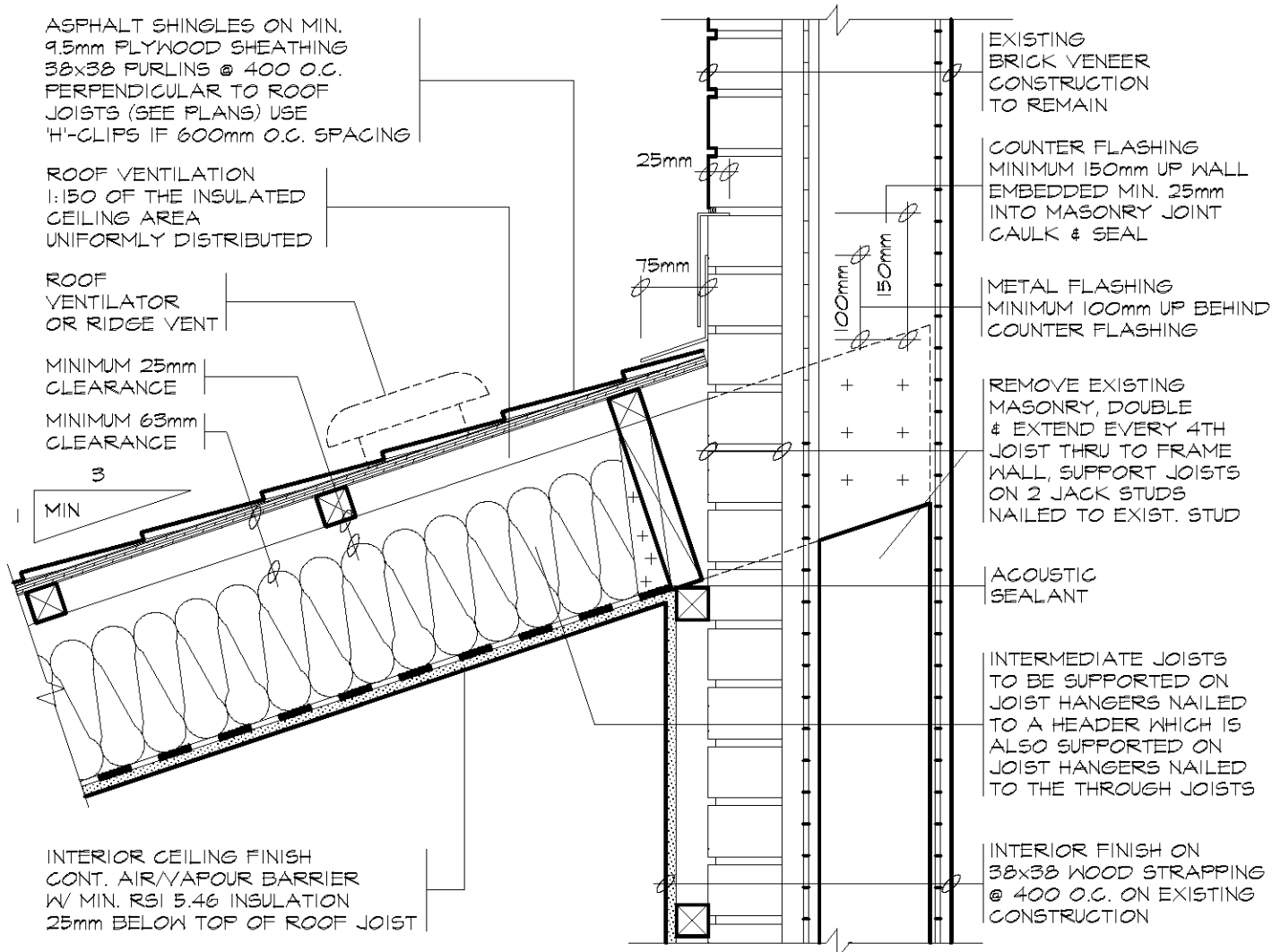
TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING FRAME WALL
SLOPING ROOF

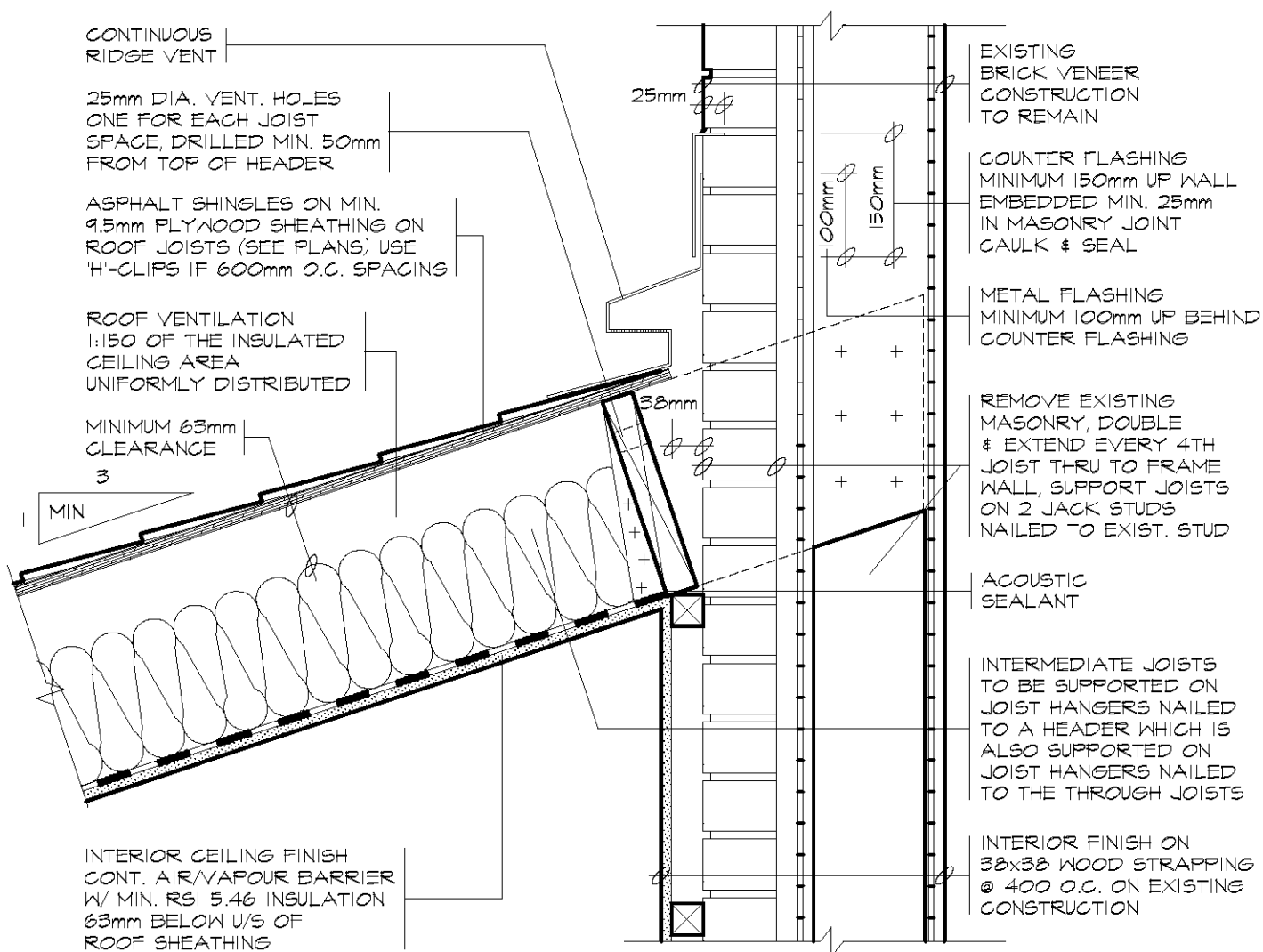
DWG. NO.

W07a

03-2012



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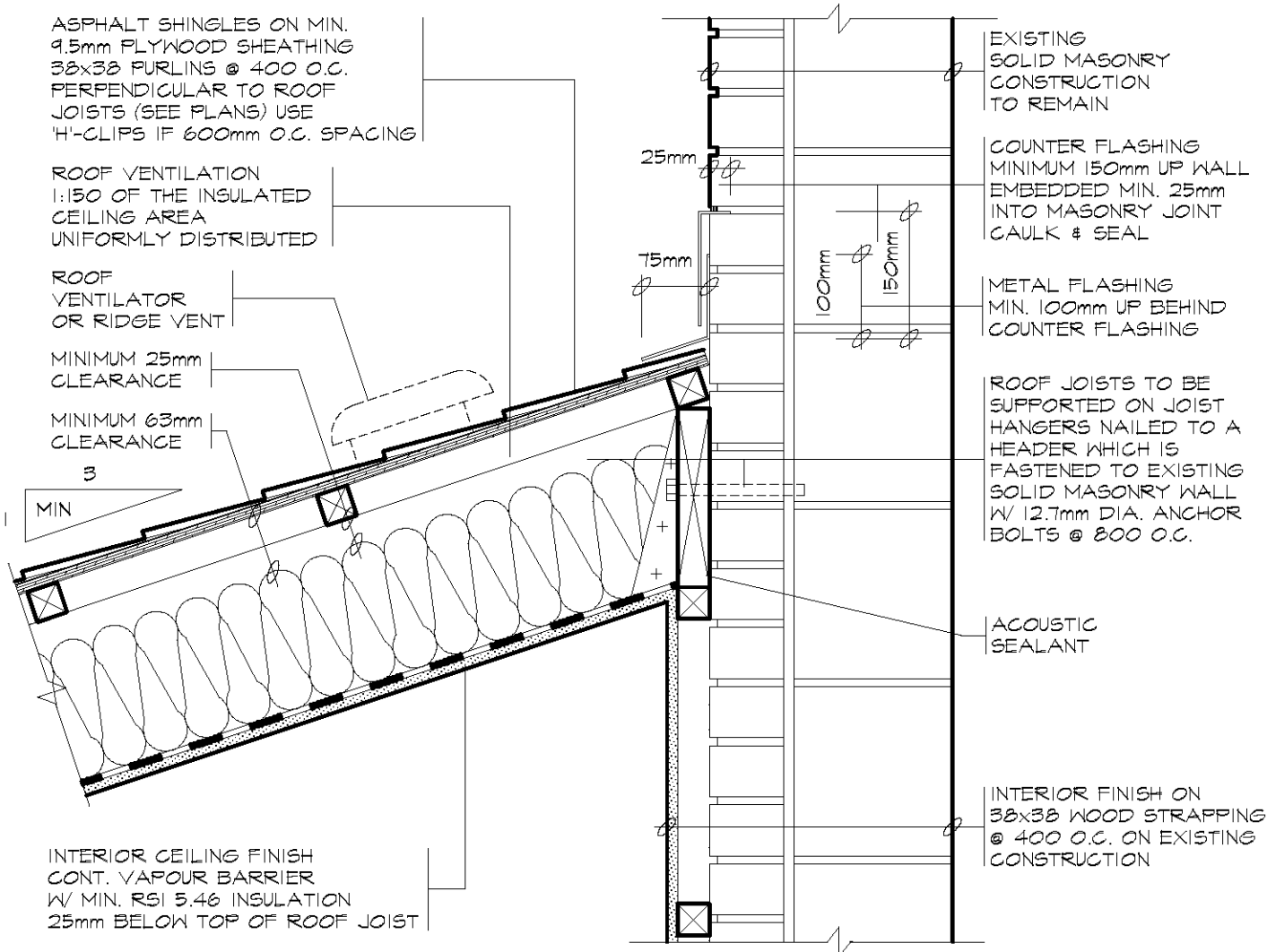
TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING BRICK VENEER WALL
SLOPING ROOF

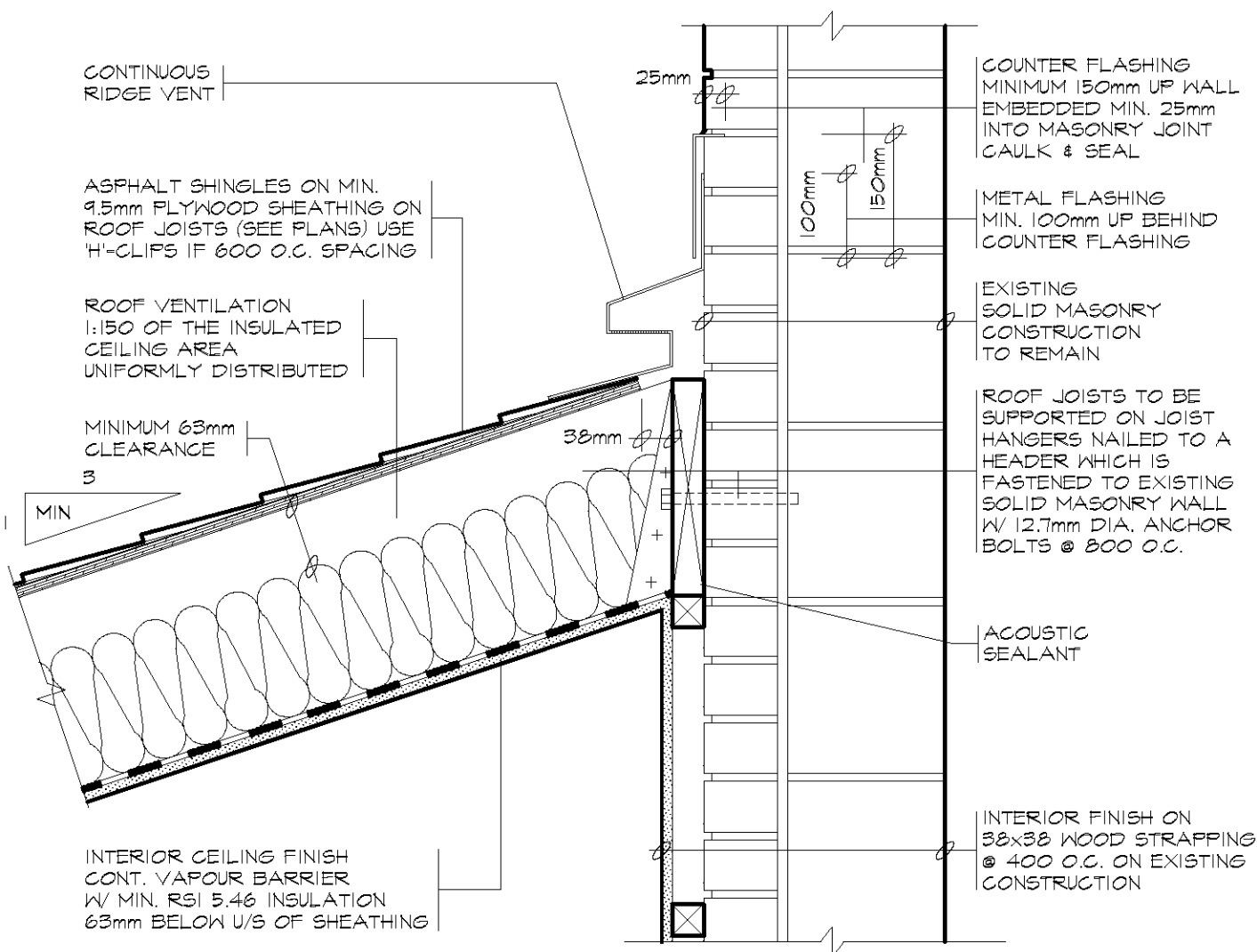
DWG. NO.

W07b

03-2012



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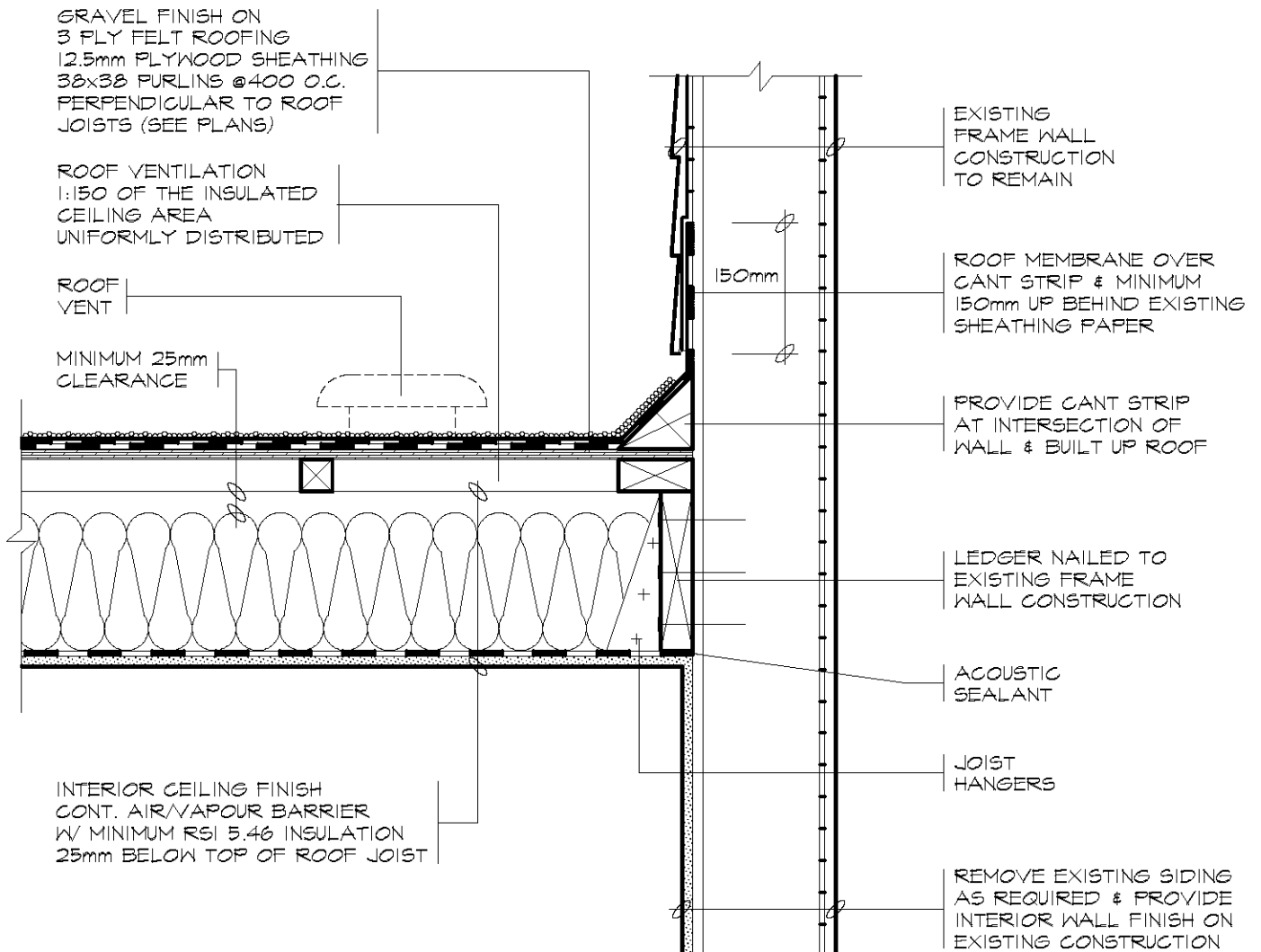
TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING SOLID MASONRY WALL
SLOPING ROOF

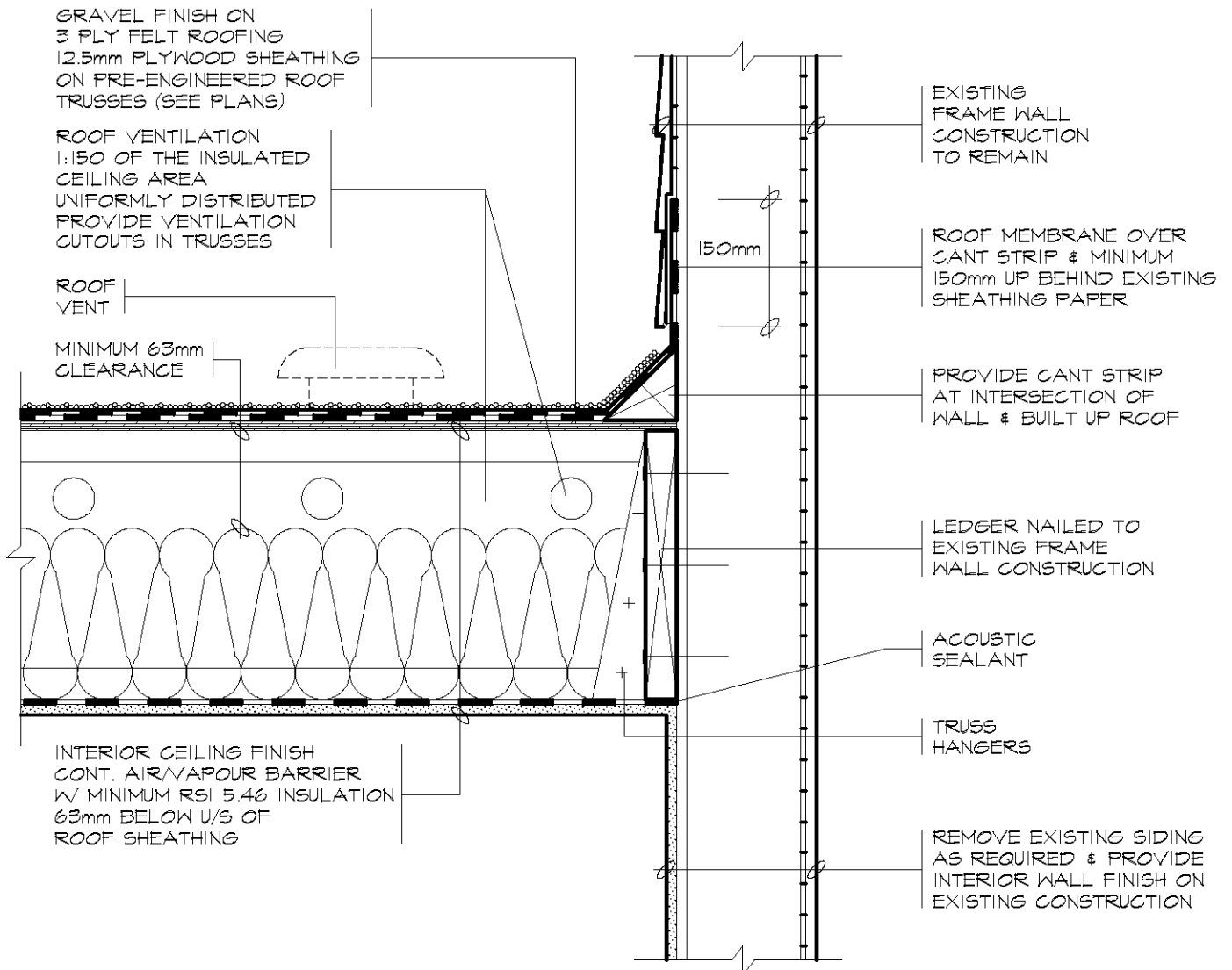
DWG. NO.

W07c

03-2012



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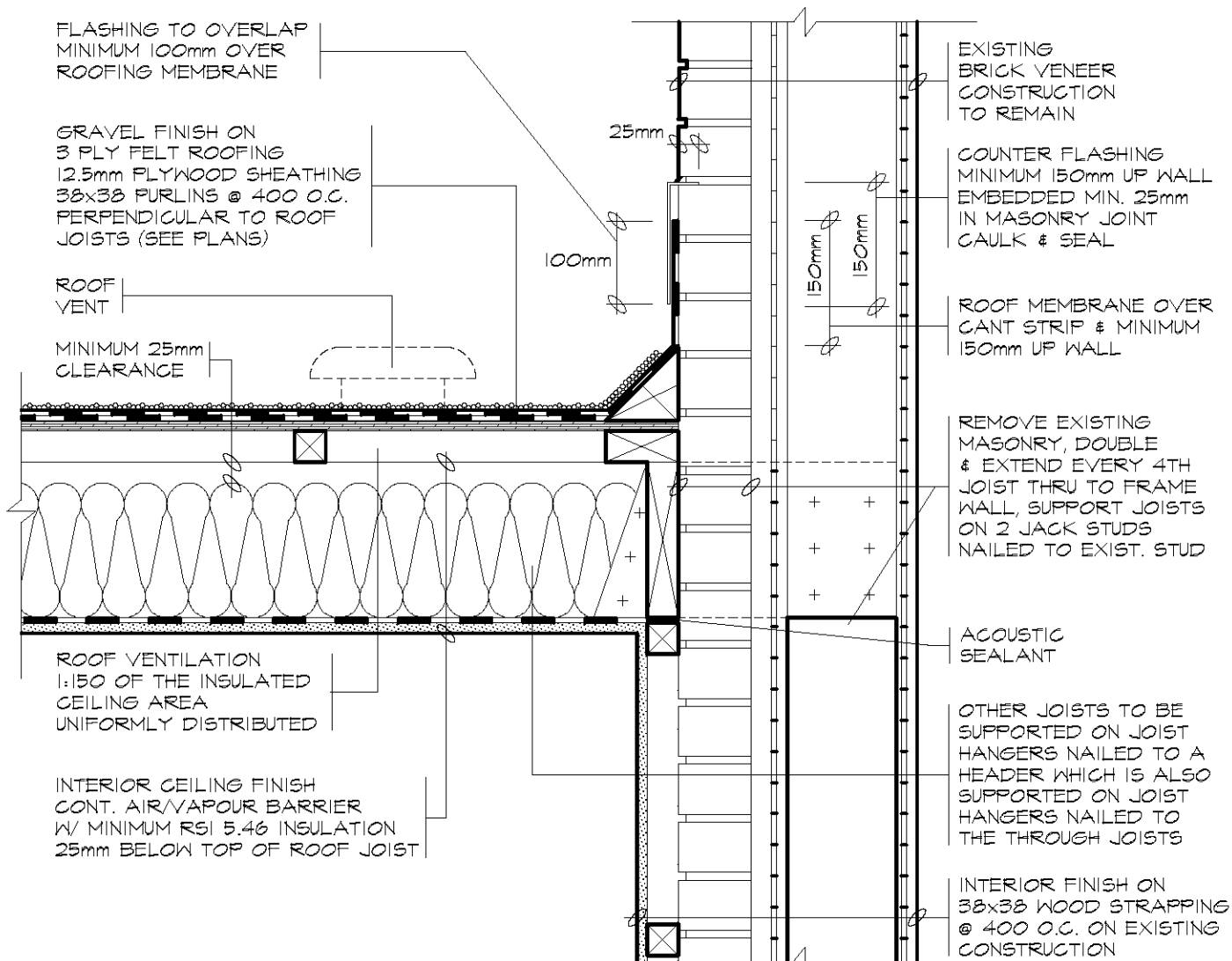
TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING FRAME WALL
FLAT ROOF

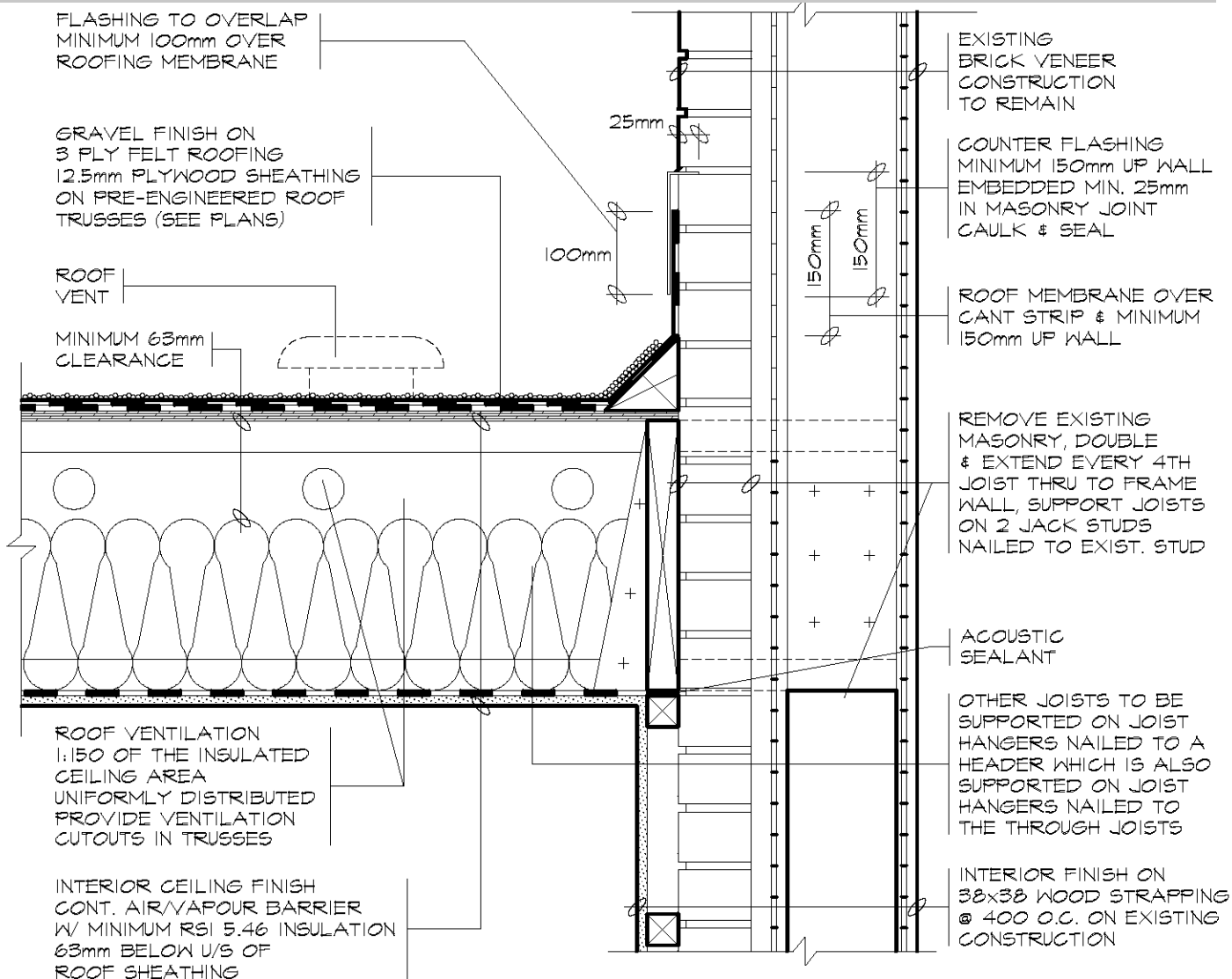
DWG. NO.

W08a

03-2012



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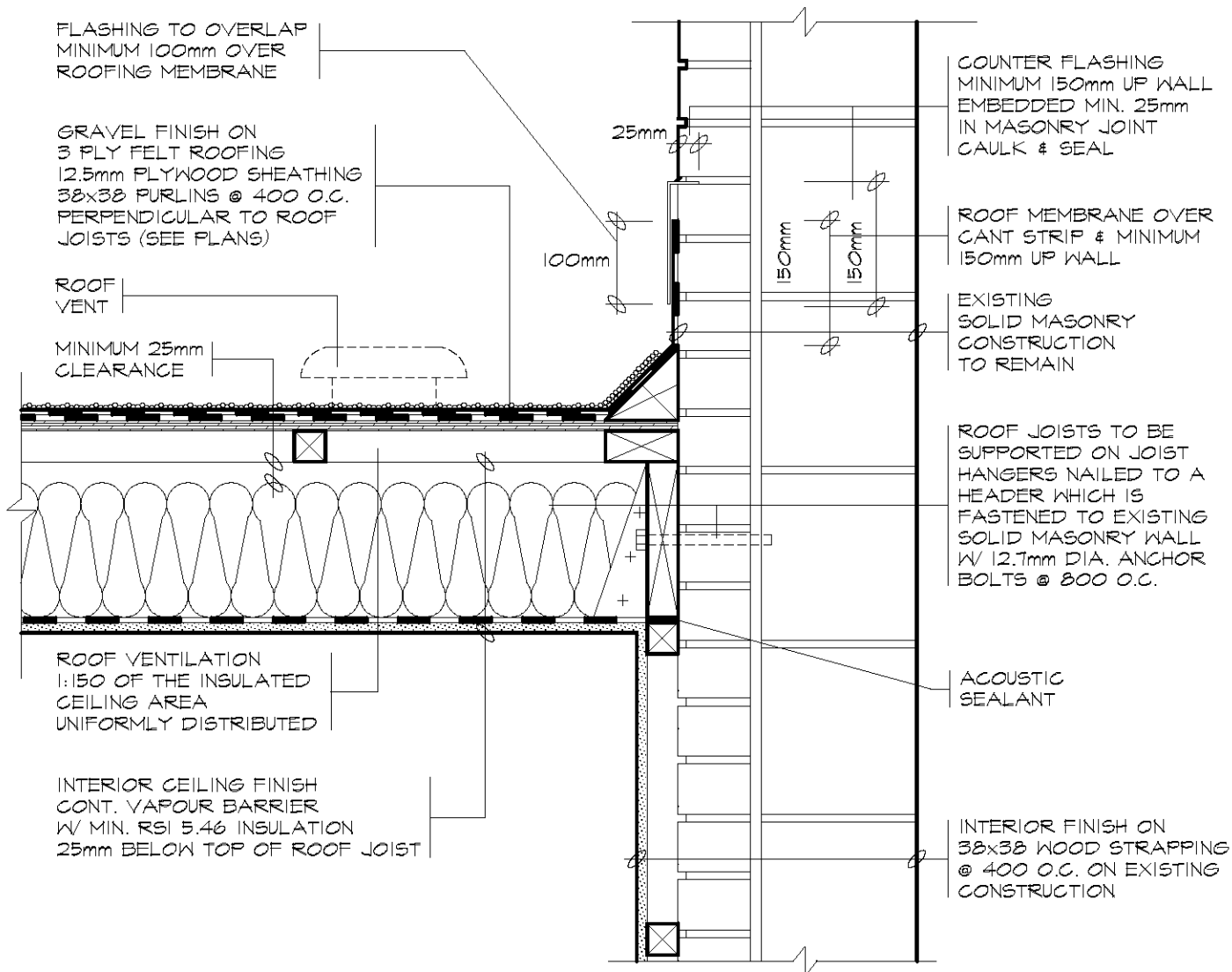
TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING BRICK VENEER WALL
FLAT ROOF

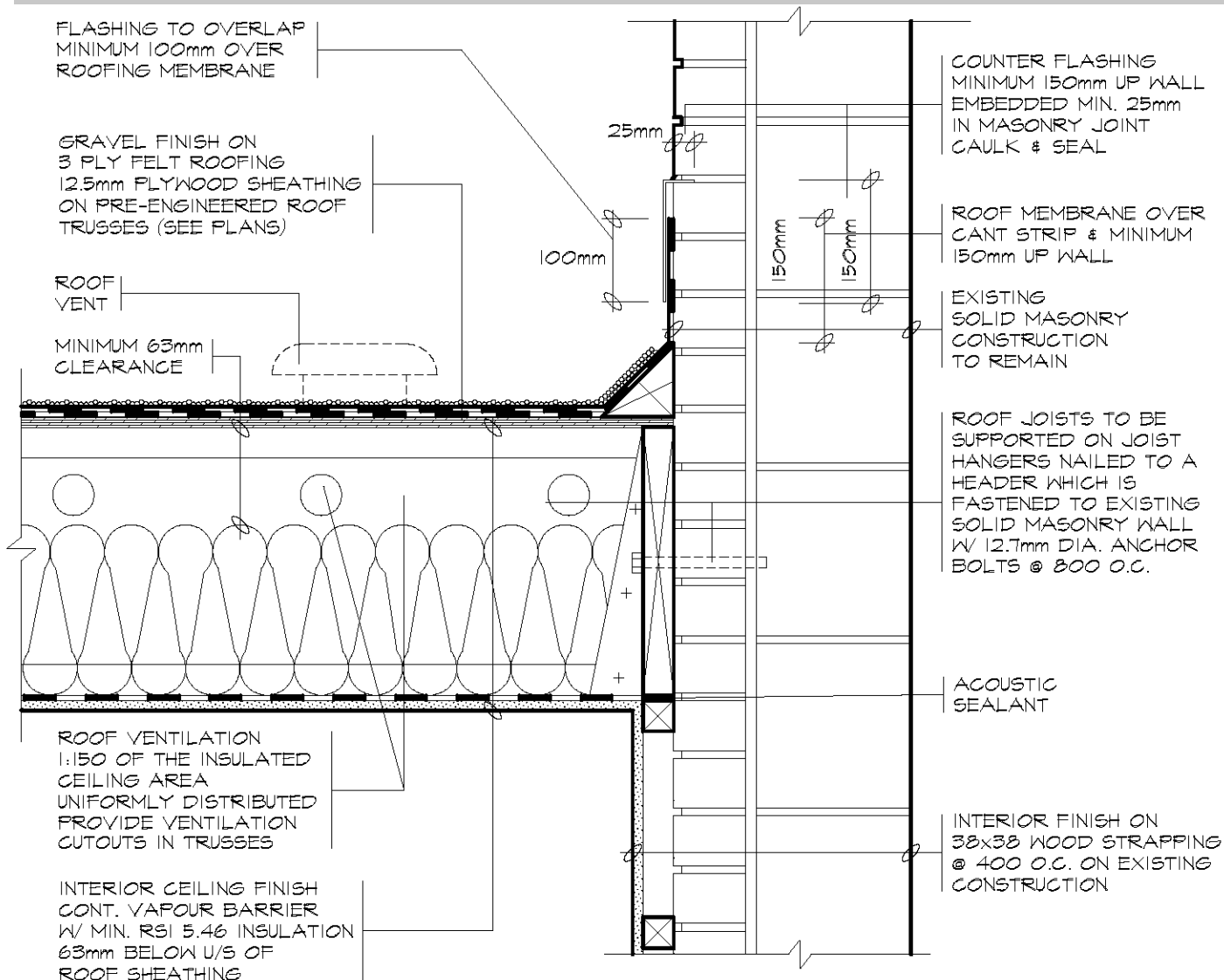
DWG. NO.

W08b

03-2012



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TACBOC
STANDARD DETAIL

TITLE
NEW ROOF ATTACHED TO
EXISTING SOLID MASONRY WALL
FLAT ROOF

DWG. NO.

W08c

03-2012

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

MAXIMUM JOIST CANTILEVER
400mm 38x184 JOISTS
600mm 38x235 JOISTS

38x89 FRAMING @ 400 O.C.
NOT SUPPORTED ON BRICK

REMOVE EXISTING ROOF
AS SHOWN DOTTED

EXISTING BRICK VENEER
CONSTRUCTION TO REMAIN

EXTERIOR WALL MUST HAVE
MIN. RSI 4.25 INSULATION VALUE

CONTINUOUS AIR
VAPOUR BARRIER

FLOOR FINISH
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS (SEE PLANS)

SEAL HEADER WRAP
TO VAPOUR BARRIER

HEADER WRAP AIR BARRIER AROUND
CONTINUOUS HEADER JOIST W/
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

INTERIOR
CEILING FINISH

JOISTS TO BE BRIDGED W/
38x38 CROSS BRIDGING OR
SOLID BLOCKING @ 2100 O.C.

EXPANSION SPACE CAULKED
AND WEATHER TIGHT

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TACBOC
STANDARD DETAIL

TITLE
SECOND STOREY ADDITION
CEILING REPLACEMENT

DWG. NO.

W09a

03-2012

FRAME WALL CONSTRUCTION
FINISH AS PER ELEVATIONS
SHEATHING PAPER, LAYERS
TO OVERLAP EACH OTHER
RSI 0.88 RIGID INSULATION FOR
EXTERIOR TYPE SHEATHING
38x140 WOOD STUDS @ 400 O.C.
RSI 3.52 BATT INSULATION IN
CONTINUOUS CONTACT W/
SHEATHING & CONTINUOUS
VAPOUR BARRIER
DOUBLE PLATE @ TOP
SOLE PLATE @ BOTTOM
INTERIOR WALL FINISH

NEW 38x89 TOP PLATE ON
EXISTING CEILING JOIST

MAXIMUM JOIST CANTILEVER
400mm 38x184 JOISTS
600mm 38x235 JOISTS

38x89 FRAMING @ 400 O.C.
NOT SUPPORTED ON BRICK

REMOVE EXISTING ROOF
AS SHOWN DOTTED

EXISTING BRICK VENEER
CONSTRUCTION TO REMAIN

EXTERIOR WALL MUST HAVE
MIN. RSI 4.23 INSULATION VALUE

CONTINUOUS AIR/
VAPOUR BARRIER

FLOOR FINISH (SEE PLANS)
15.5mm T&G PLYWOOD SUBFLOOR
OR APPROVED EQUAL ON WOOD
FLOOR JOISTS BRIDGED W/
38x38 CROSS BRIDGING OR
SOLID BLOCKING @ 2100 O.C.

SEAL HEADER WRAP
TO VAPOUR BARRIER

HEADER WRAP AIR BARRIER AROUND
CONTINUOUS HEADER JOIST W/
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

PROVIDE NEW WOOD BLOCKING
BETWEEN EXISTING CEILING JOISTS
RSI 1.76 RIGID INSULATION AND
RSI 3.52 BATT OR FOAM INSULATION

EXISTING CEILING
STRUCTURE TO REMAIN

EXPANSION SPACE CAULKED
AND WEATHER TIGHT

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TACBOC
STANDARD DETAIL

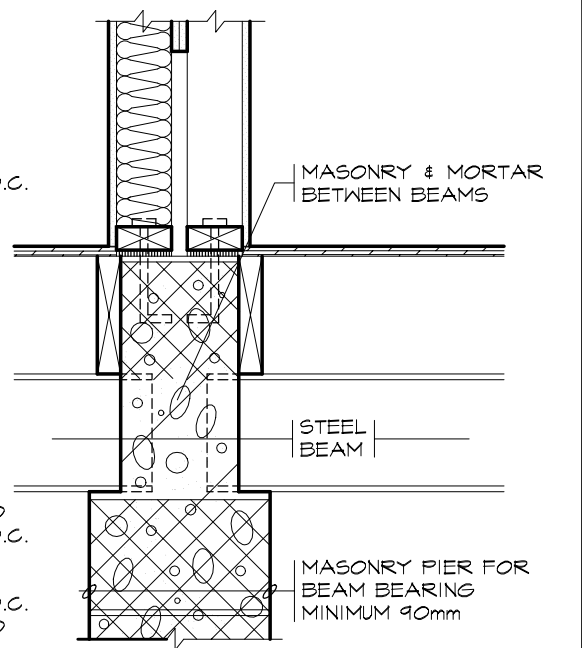
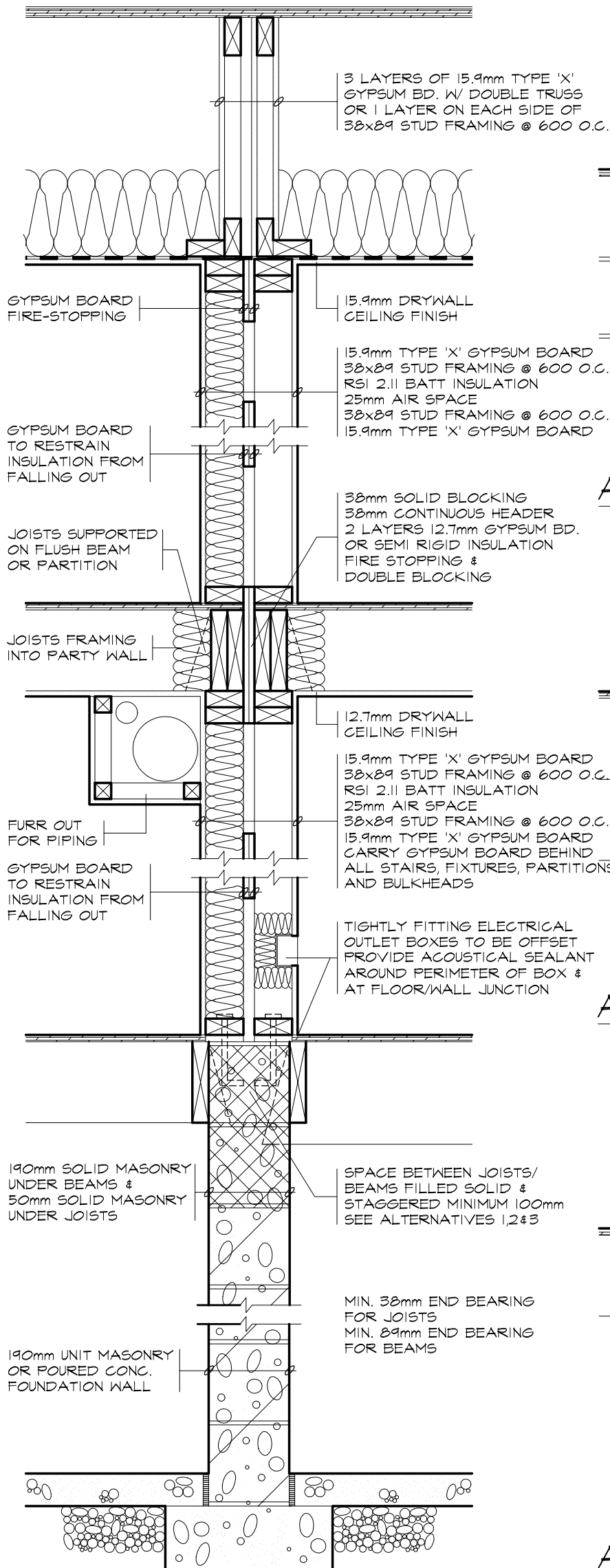
TITLE

SECOND STOREY ADDITION
MAINTAIN EXISTING CEILING

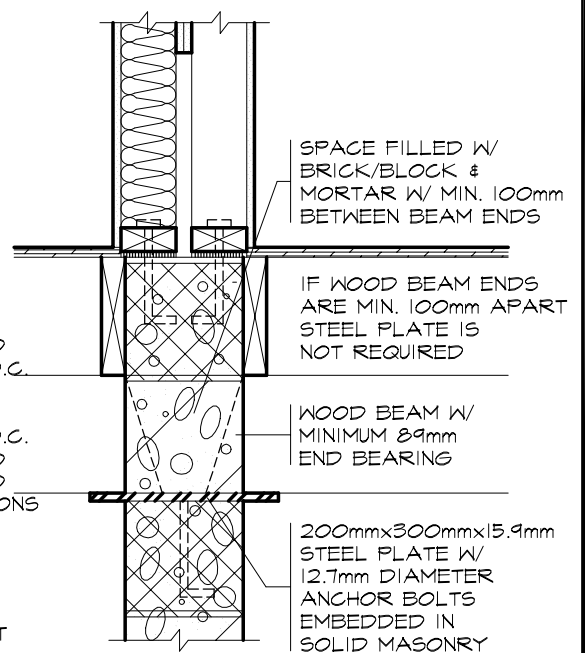
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W09b

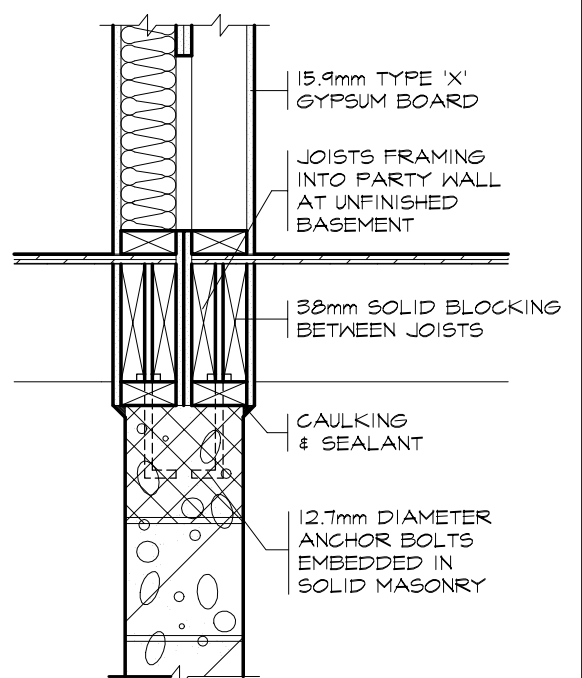
03-2012



ALTERNATIVE 1



ALTERNATIVE 2



ALTERNATIVE 3

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TACBOC
STANDARD DETAIL

TITLE
FRAME PARTY WALL
VERTICAL SECTION

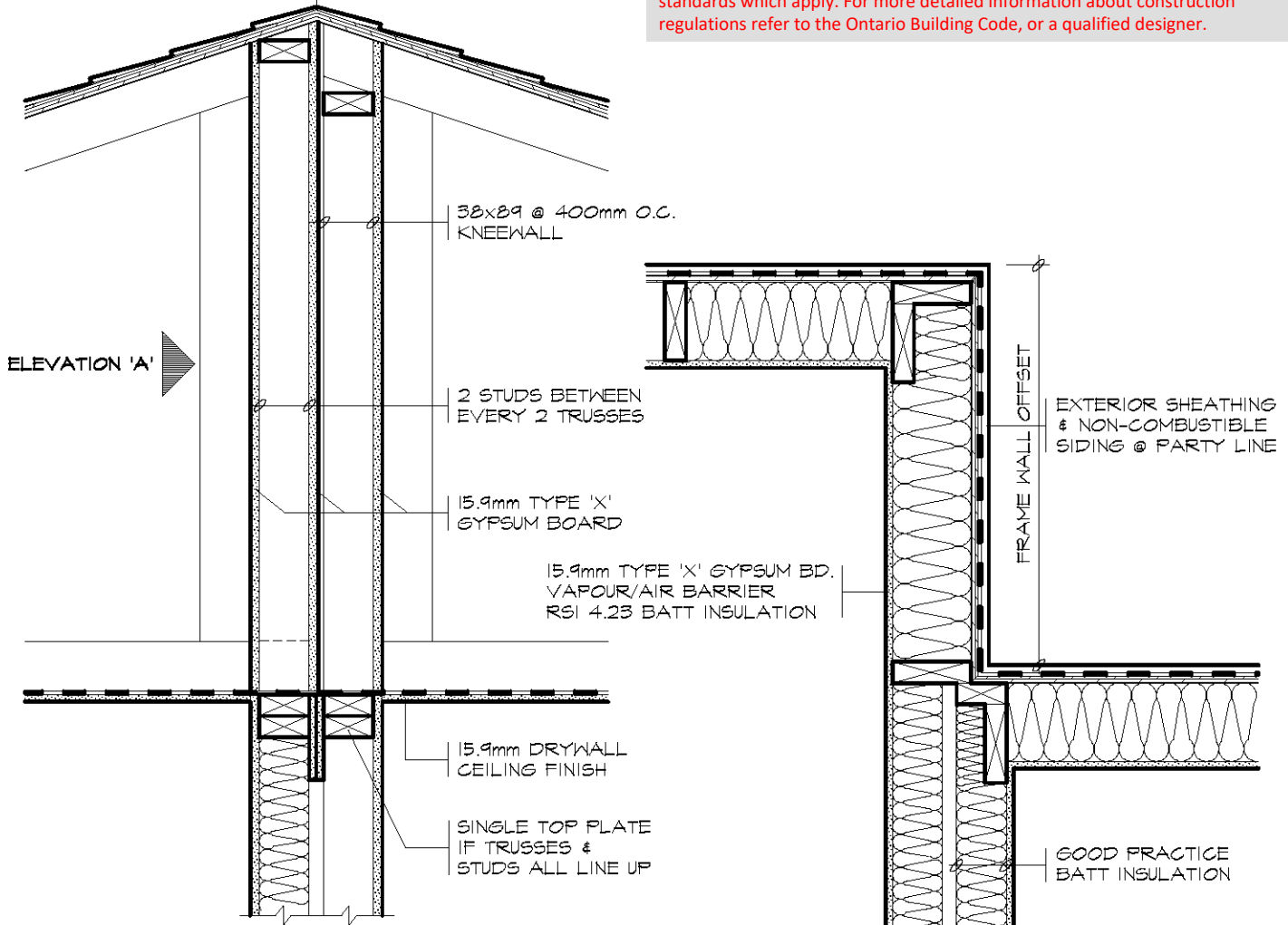
DWG. NO.

W10a

2007

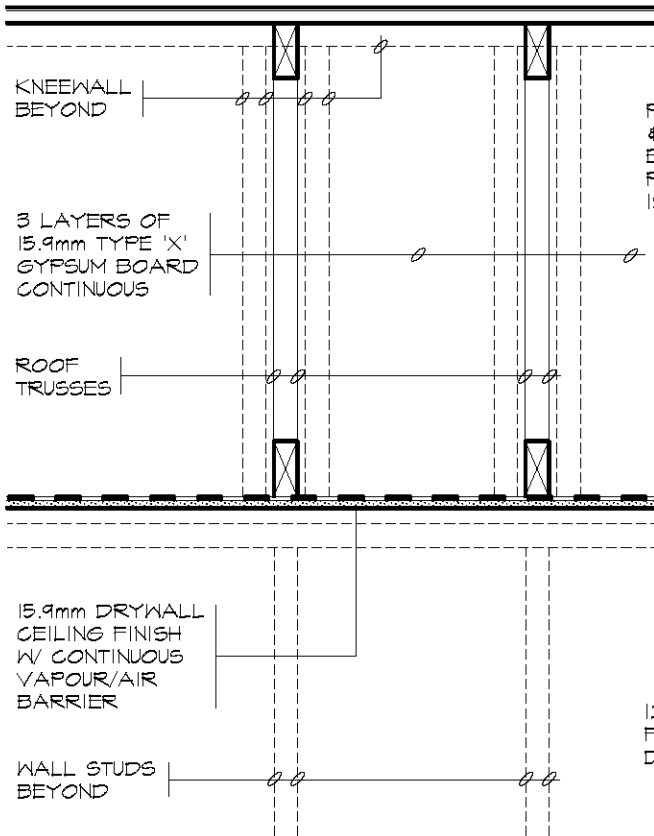
TRUSS BOTTOM HUNG TRUSS TOP HUNG

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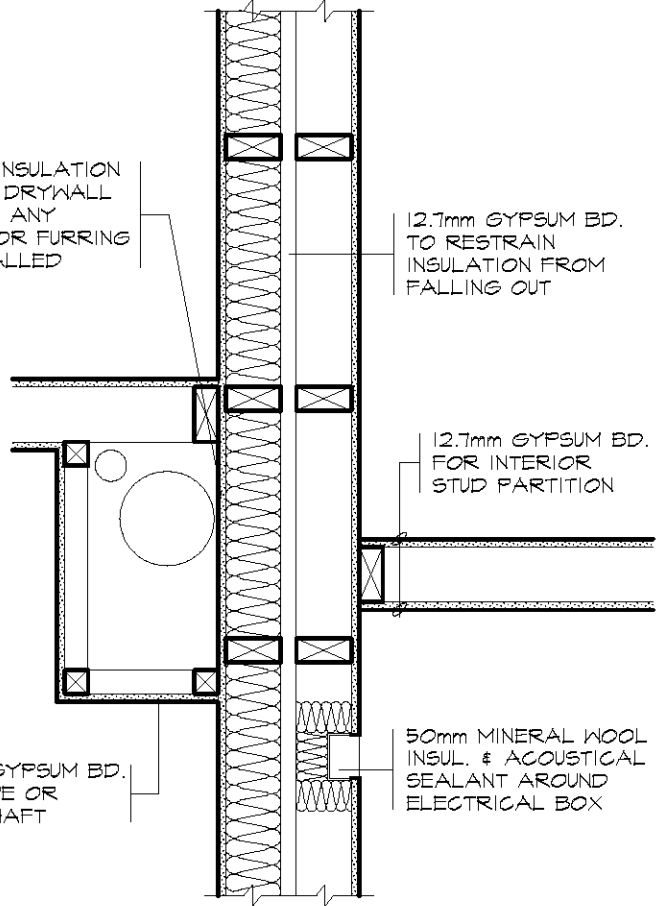


VERTICAL SECTION
TRUSSES NORMAL
TO PARTY WALL

15.9mm TYPE 'X' GYPSUM BOARD
38x89 STUD FRAMING @ 600 O.C.
RSI 2.11 BATT INSULATION
25mm AIR SPACE
38x89 STUD FRAMING @ 600 O.C.
15.9mm TYPE 'X' GYPSUM BOARD

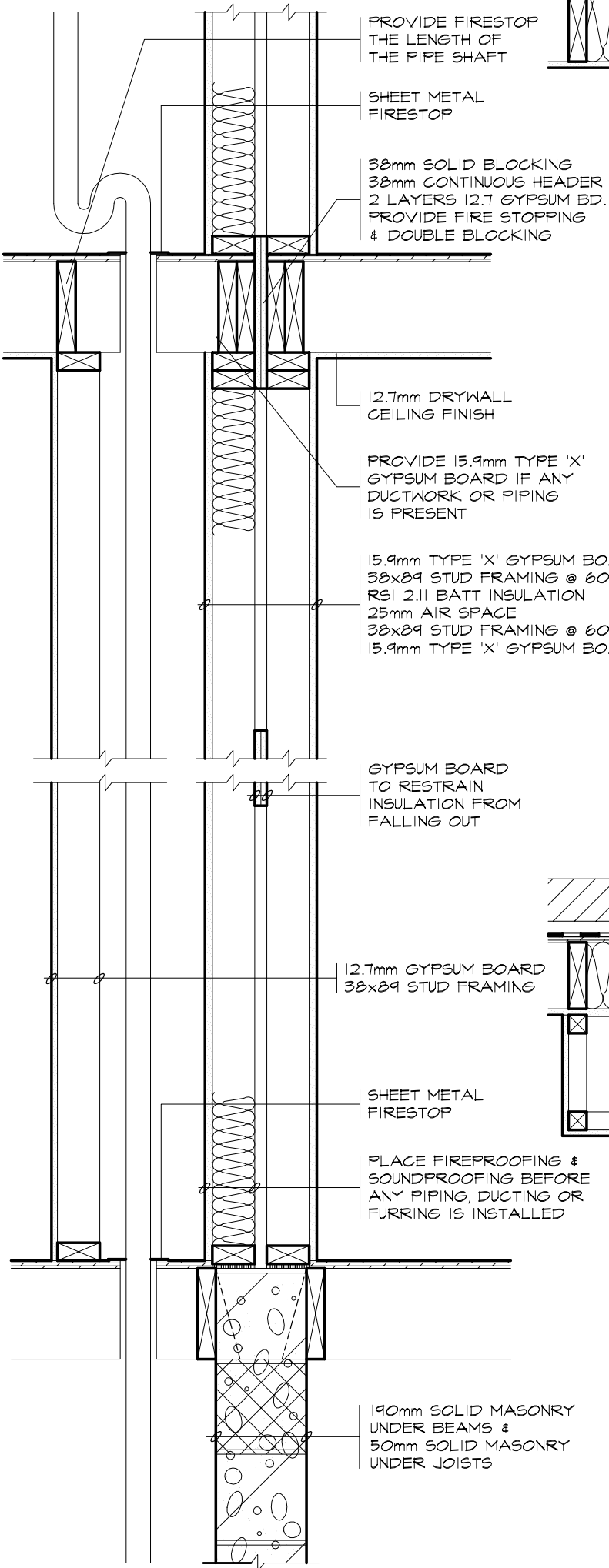


ELEVATION 'A'

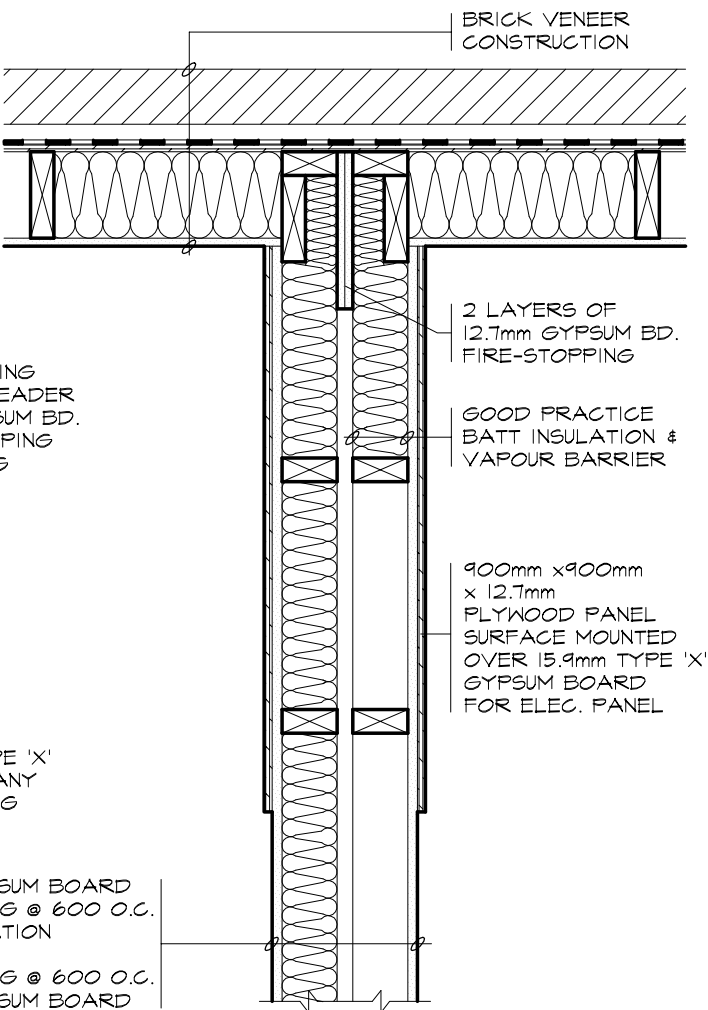


HORIZONTAL SECTION

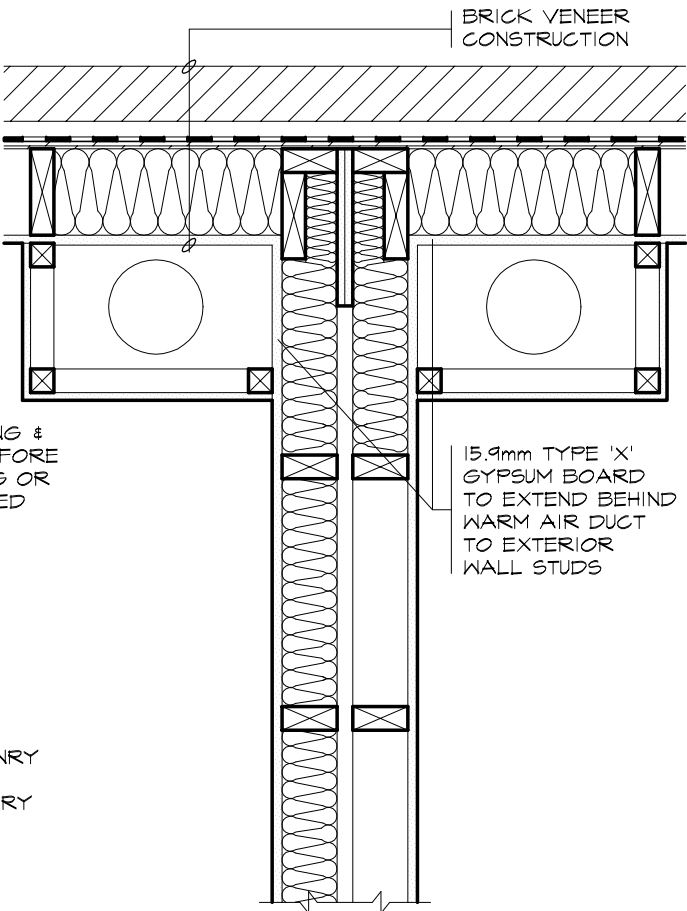
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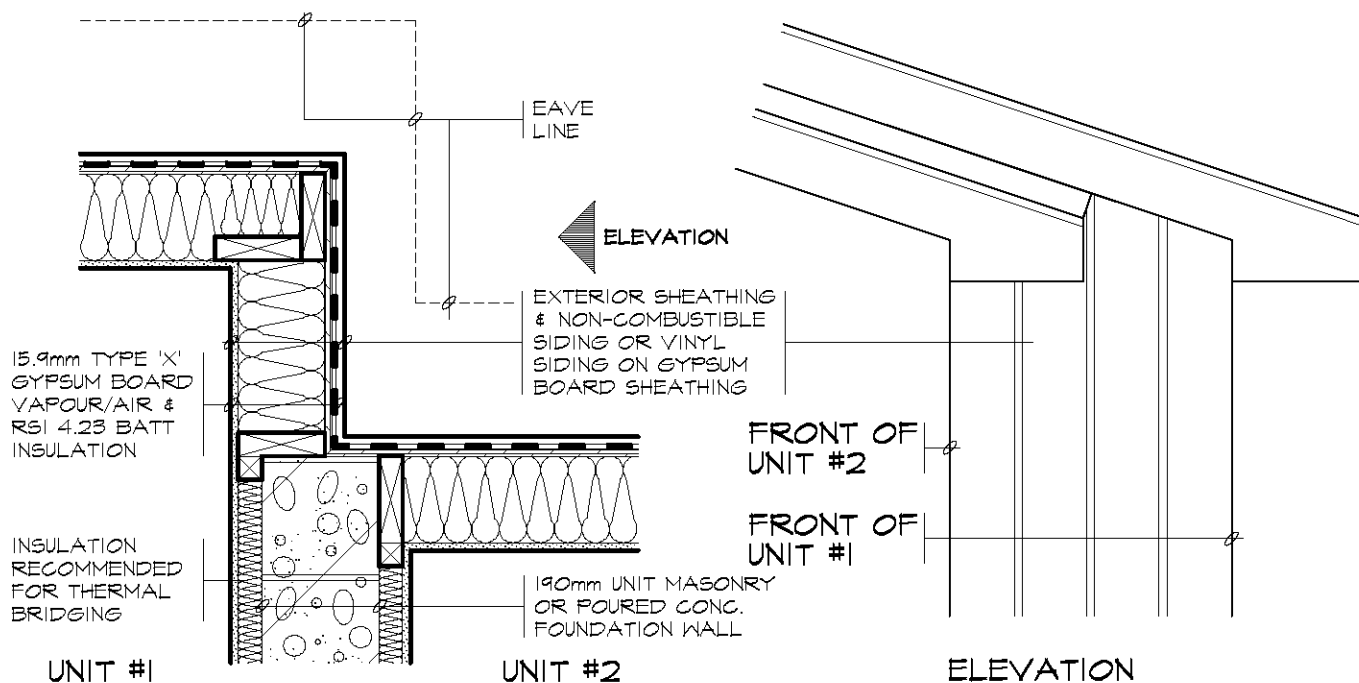
VERTICAL SECTION



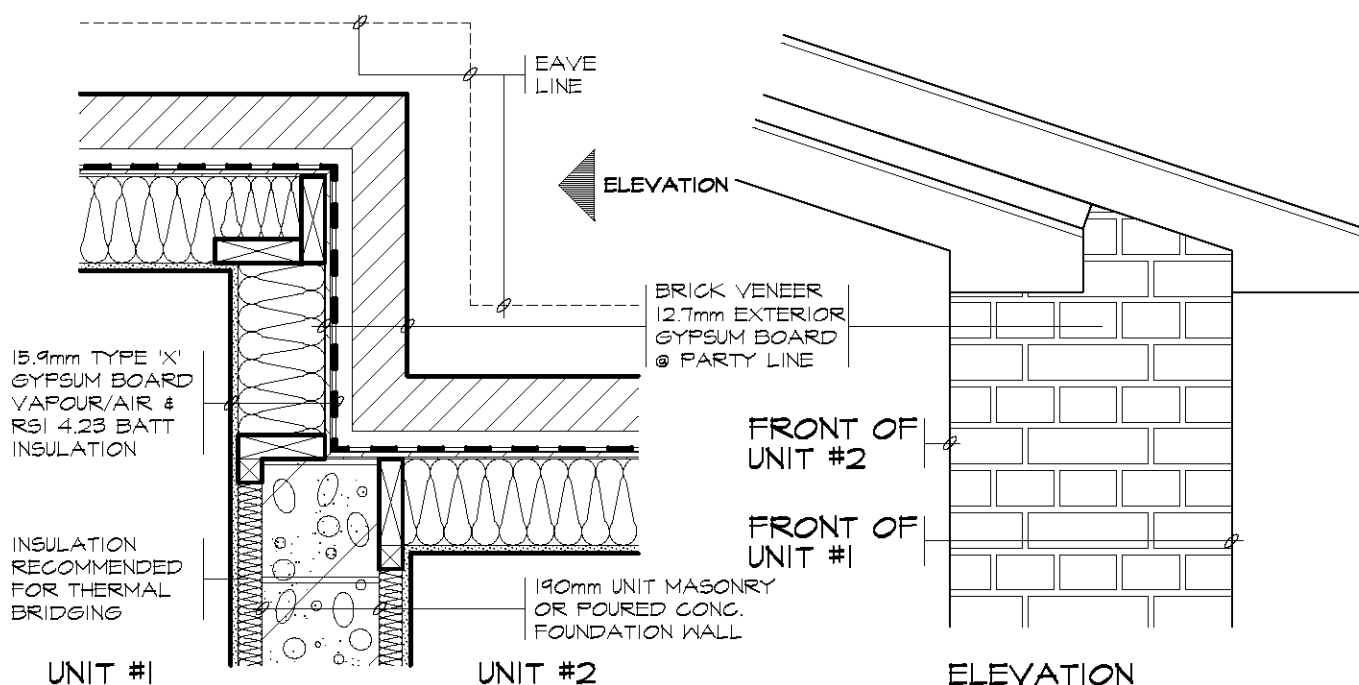
HORIZONTAL SECTION
MOUNTING OF ELEC.
PANEL BOXES



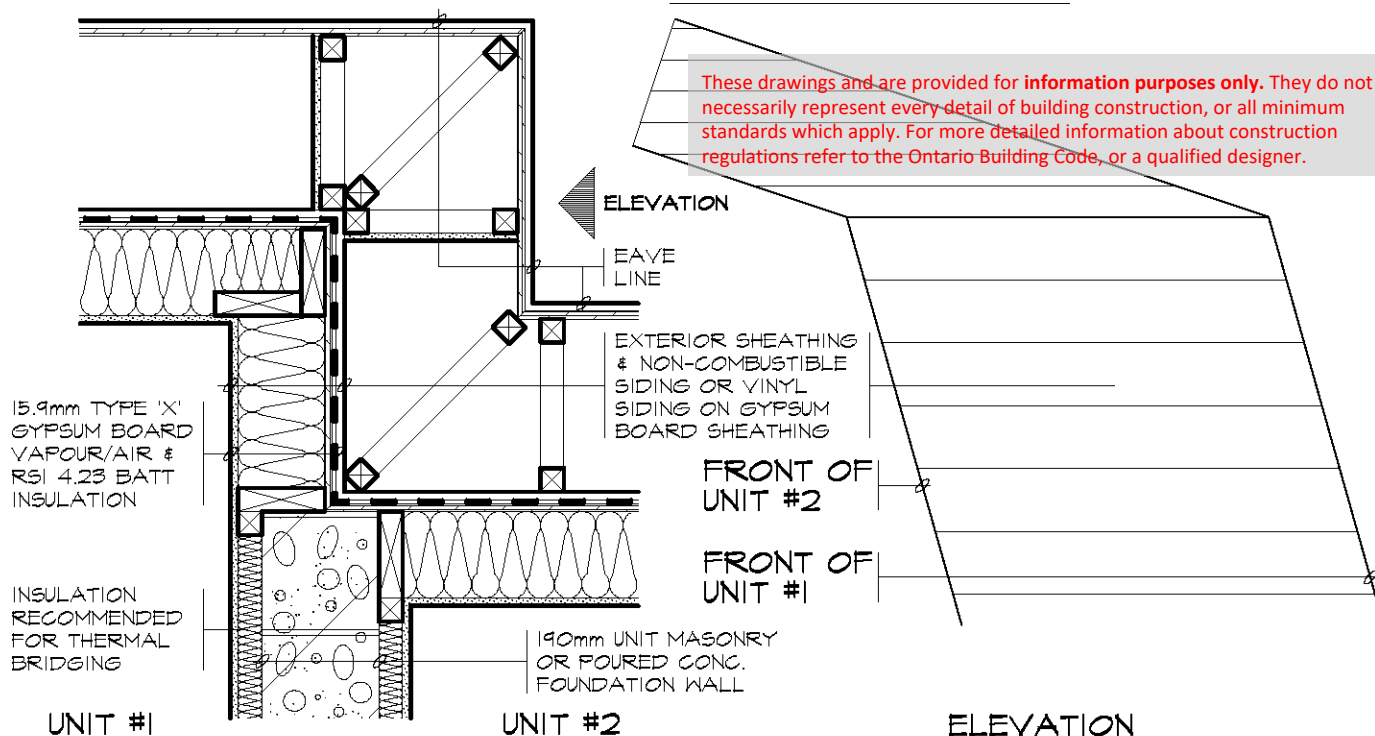
PLAN VIEW OF
PARTY WALL



NON-COMBUSTIBLE SIDING



BRICK VENEER



MANSARD