

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

These drawings are provided for
information purposes only. They do not
necessarily represent every detail of building
construction, or all minimum standards which
apply. For more detailed information about
construction regulations refer to the Ontario
Building Code, or a qualified designer.

DWG. NO.

W01

03-2012

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VENTED SOFFIT
FINISH AS PER
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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
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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
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UNIFORMLY DISTRIBUTED

25mm
50mm

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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