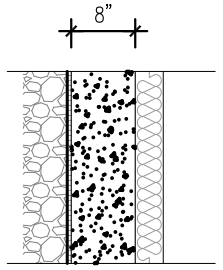
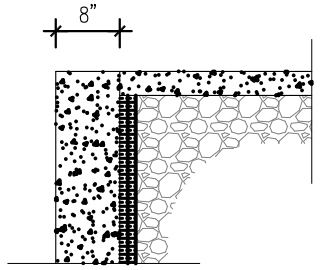
WALL TYPES



TYPICAL EXTERIOR FOUNDATION WALL

W–A

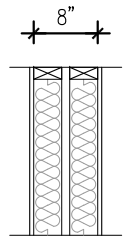
- 8" CONCRETE FOUNDATION BETWEEN
- ASPHALTIC DAMP PROOFING TO FINISHED GRADE
- R12 BATT INSULATION– FULL HEIGHT OF FOUNDATION WALL
- 6mil POLY VAPOUR BARRIER OVERLAPPED AND SEALED



TYPICAL FOUNDATION WALL at WALK–OUT

W–B

- 8" CONCRETE FOUNDATION
- R10 (2" THICK) RIGID IINSULATION (MINIMUM 2'–0" BELOW FINISHED GRADE)
- SEE FOUNDATION PLANS FOR EXTENT OF WALL TO TOP OF FOOTINGS (MIN. 4'–0" BELOW GRADE)

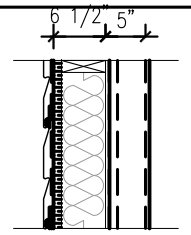


TYPICAL 1h PARTY WALL

W–G

- 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OF
- 2 ROWS OF 2x4 STUD WALLS at 16"o.c. SET 1" APART
- APSORPTIVE MATERIAL TO FILL CAVITIES BOTH SIDES
- OFFSET AND COMPLETELY SEAL ALL JUNCTION BOXES
- GAS PROOF GYPSUM BOARD TO BE USED IN GARAGES
- SIMILAR TO O.B.C. ASSEMBLY NO. W13a

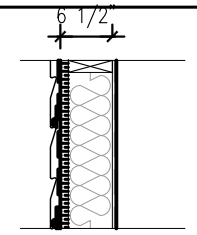
F.R.R. = 1h, S.T.C. RATING = 57



TYPICAL BASEMENT WALL at STEPPED CONDITION

W–C

- PREFINISHED HORIZONTAL SIDING
- 1" (R5.0) RIGID INSULATION 2x6 WOOD STUDS at 16"o.c.
- R22 BATT INSULATION
- 6mil POLY VAPOUR/AIR BARRIER
- OVERLAPPED AND SEALED
- 1/2" GYPSUM BOARD
- R12 BLANKET INSULATION TO MAXIMUM 8" ABOVE CONCRETE SLAB
- OPTIONAL 2x3 WOOD STRAPPING c/w R12 BATT INSULATION



TYPICAL EXTERIOR SIDING WALL

W–D

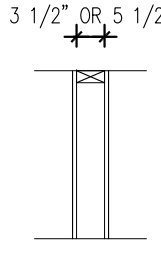
- PREFINISHED HORIZONTAL SIDING
- 1" (R5.0) RIGID INSULATION 2x6 WOOD STUDS at 16"o.c.
- R22 BATT INSULATION
- 6mil POLY VAPOUR/AIR BARRIER
- OVERLAPPED AND SEALED
- 1/2" GYPSUM BOARD

* W–D **45min. RATING (SIDEYARD IS 0.6m–1.2m)**

- SAME AS ABOVE WITH
- 5/8" TYPE 'X' GYPSUM BOARD IN LIEU OF 1/2" GYPSUM BOARD

** W–D **1hr. RATING (SIDEYARD IS 0m–0.6m)**

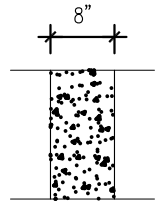
- SAME AS ABOVE WITH
- 5/8" TYPE 'X' GYPSUM BOARD IN LIEU OF 1/2" GYPSUM BOARD and NON COMBUSTIBLE CLADDING



TYPICAL WOOD STUD PARTITION

W–E

- 1/2" GYPSUM BOARD
- 2x4 WOOD STUDS at 16"o.c.
- 1/2" GYPSUM BOARD
- CHANGE TO 2x6 WOOD STUDS WHERE DIMENSIONED ON PLANS

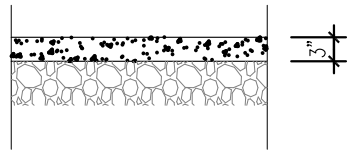


TYPICAL INTERIOR FOUNDATION WALL

W–F

- 8" CONCRETE FOUNDATION BETWEEN
- SEE FOUNDATION PLANS FOR EXTENT OF WALL TO TOP OF FOOTINGS

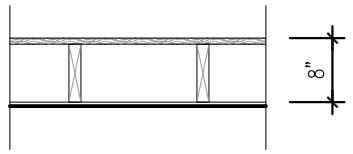
FLOOR TYPES



TYPICAL SLAB ON GRADE

F–A

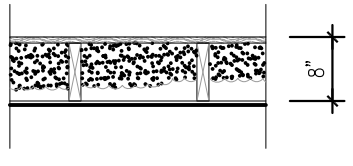
- 3" CONCRETE SLAB ON
- 6mil POLY DAMP PROOFIN GRANULAR 'A' BASE (COMPACT IN
- MINIMUM 6" THICK LAYERS)
- PROVIDE SAWN CONTROL JOINTS c/w JOINT FILLER



TYPICAL FRAMED FLOOR

F–B

- 5/8" T&G SUBFLOOR ON
- 2x8 SPRUCE FLOOR JOISTS at 16"o.c. or 12"o.c. (AS NOTED ON PLANS)
- 2x2 CROSS BRIDGING at 6'–10" MAXIMUM
- 1/2" GYPSUM BOARD CEILING (SECOND FLOOR ONLY)
- 1/4" PLYWOOD UNDERLAY IN VINYL FLOOR AREAS
- BATT INSULATION at EXTERIOR HEADER SPACE

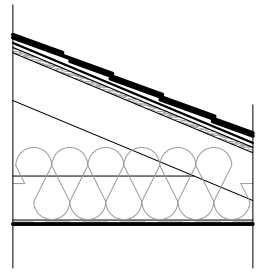


TYPICAL INSULATED FRAMED FLOOR (ABOVE PORCH)

F–C

- SAME AS FLOOR ABOVE EXCEPT
- 6" SPRAYED URETHANE FOAM INSULATION – MINIMUM R31
- SEAL JOIST SPACE FROM AIR INFILTRATION AND COVER COMPLETELY ALL PIPES

ROOF TYPES



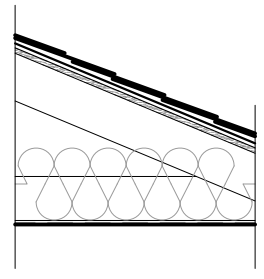
TYPICAL WOOD TRUSS ROOF

R–A

- MINIMUM 210lb. ASHPHALT SHINGLES
- MINIMUM 36" WIDE EAVE PROTECTION TO MINIMUM 12" INSIDE INNER FACE OF WALL
- MINIMUM 36" WIDE VALLEY FLASHINGS AS REQUIRED
- ROOF VENTS WITH UNOBSTRUCTED FREE AREA OF 1:300 OF INSULATION CEILING AREA
- 7/16" PLYWOOD, WAFERBOARD OR O.S.B. SHEATHING c/w EDGE CLIPS ON
- PRE–ENGINEERED WOOD TRUSSES at 24"o.c.
- R50 INSULATION AT BOTTOM CHORD OF CEILING JOISTS
- INSULATION BAFFLES & AIR CHANNELS TO ENSURE ADEQUATE VENTILATION
- 6mil CONTINUOUS POLY VAPOUR BARRIER
- 1/2" GYPSUM CEILING BOARD
- IN SLOPED AREAS (SCISSOR TRUSSES WHERE NOTED ON PLANS) PROVIDE R31 BATT INSULATION (MINIMUM) & ENSURE 3" AIR SPACE BETWEEN INSULATION AND ROOF SHEATHING

45min. RATING (SIDEYARD IS 0.6m–1.2m)

- FOR GABLE ENDS ONLY
- 2 LAYERS OF EXTERIOR GRADE 5/8" TYPE 'X' GYPSUM BOARD



TYPICAL WOOD RAFTER ROOF

R–B

- MINIMUM 210lb. ASHPHALT SHINGLES
- MINIMUM 36" WIDE EAVE PROTECTION TO MINIMUM 12" INSIDE INNER FACE OF WALL
- MINIMUM 36" WIDE VALLEY FLASHINGS AS REQUIRED
- ROOF VENTS WITH UNOBSTRUCTED FREE AREA OF 1:300 OF INSULATION CEILING AREA
- 7/16" PLYWOOD, WAFERBOARD OR O.S.B. SHEATHING c/w EDGE CLIPS ON
- 2x6 WOOD RAFTERS at 16"o.c. (UNLESS NOTED OTHERWISE ON FRAMING PLAN)
- R50 INSULATION AT BOTTOM CHORD OF CEILING JOISTS
- INSULATION BAFFLES & AIR CHANNELS TO ENSURE ADEQUATE VENTILATION
- 6mil CONTINUOUS POLY VAPOUR BARRIER
- 1/2" GYPSUM CEILING BOARD

R31 BATT INSULATION IN ROOF JOISTS (WHERE APPLICABLE) & ENSURE 3" AIR SPACE BETWEEN INSULATION AND ROOF SHEATHING

ORCHARD DESIGN STUDIO INCORPORATED (519) 620-0414

I, Carrie McMillan review and take responsibility for the design work on behalf of our firm registered Designation Division C, Part 3 (3.2.4) of the Building Code. I am qualified, and the firm is registered, in the appropriate classes/categories.
Firm BCIN: 28615
Individual BCIN: 32375
Signed:

Habitat for Humanity® Waterloo Region

STATUS: BUILDING PERMIT
PLOTTED: 4/17/2014 1:18 PM
SCALE: ----
DWN BY: CRW
DATE: APRIL 2014
REV.

PROJECT KEHL STREET TOWNHOMES BLOCK–E
242 KEHL STREET, KITCHENER, ONTARIO

TITLE CONSTRUCTION SCHEDULE

SHEET No. A8.02

FILE: Schedules and Specs.dwg FOLDER: BLOCK E

DRAWINGS ARE NOT TO BE SCALED. REPORT ANY DISCREPANCIES TO ORCHARD DESIGN BEFORE PROCEEDING WITH THE WORK.