2012 IMC SECTION 405: FIREPLACES, STOVES AND ROOM HEATERS
405.1 General. Fire place stoves and solid-fuel-type room heaters shall be listed and labelled and shall be installed in accordance with the conditions of the listing. Fire place stoves shall be tested in accordance with UL 731. Solid-fuel-type room heaters shall be tested in accordance with UL 1482. Fireplace inserts intended for installation in fireplaces shall be listed and labelled in accordance with the requirements of UL 1482 and shall be installed in accordance with the manufacturer's installation instructions.

405.2 Connection to Fireplace. The connection of solid fuel appliances to chimney flues serving fireplaces shall comply with Sections 801.7 and 801.10.

405.3 Hearth extensions. Hearth extensions for fireplace stoves shall be installed in accordance with the listing of the fireplace stove. The hearth extension shall be readily distinguishable from the surrounding floor area. Listed and labelled hearth extensions shall comply with UL 1618.

KEYNOTES

1. EXTERIOR DOOR w/ CLOSER (EXTERIOR LEVER ENTRY LOCKSET BY BSA),
2. INTERIOR DOOR w/ LOCKSET BY BSA,
3. OAK FLOORING
4. DASHER LINE: ICE 4 WATER SHIELD - REFER TO D/AT,
METAL ROOFS ON TITANIUM SYNTHETIC UNDERLAYMENT ON 1/2" SHEATHING

GUTTER N/ LEAF GUARD

MTL WRAPPED 2X10 GUTTER BOARD

1/16" SOFFIT N/ SOFFIT VENTS AT 8'-0" O.C.

TRUSS B - 2X4 TRUSSES AT 2'-0"

7/16" SOFFIT/ CEILING

TRIM (PAINTED)

POST

SIMPSON H8 TIES (TYP.)

(2) 2X12 BEAM N/ 2X8 TOP PLATE (TYP.)

TR. 6X6 CONT. FROM FOUNDATION - TYP. AT COVERED DECK

TR. 2X6 TOP RAIL

TR. 2X2 PICKETS AT 5'-1/4" O.C.
6" SPACE BETWEEN PER COST

TR. 2X4 RAIL

POST BEYOND

TR. 2X6 RAIL

(4) TR. 2X12

(4) TR. 2X10 BEAM (BEYOND)

12" LODGE SHELF

12' LODGE SHELF

SECTION

SCALE 1/2" = 1'-0"
**Detail A**

- Scale: 3" = 1'-0"
- Lap house wrap over flashing
- Prefinished metal flashing
- 2x6 sill plate on sill seal
- T5 subfloor
- 10" G.C.
- TR. 2x10 ledger
- Ice & water shield
- TR. 2x10 at 16" O.C.
- TR. 6x6 post

**Detail B**

- Scale: 3" = 1'-0"
- 2 layers 1/2" polyiso insulation
- Metal roofing on titanium synthetic underlayment on 1/2" Advantech roof sheathing
- Starter flashing
- Metal wrapped 2x4 gutter board
- 1/16" vented soffit on bot. chord of trusses & 2x4 blks. between trusses

**Detail C**

- Scale: 1/2" = 1'-0"
- Lap house wrap over flashing
- Prefinished metal flashing
- TR. 2x10 at 16" O.C.
- TR. 2x10 at 16" O.C.
- TR. 6x6 post
FLOOR FRAMING PLAN

KEYNOTES

1. (4) FLY TR. 2x10 BEAM
2. (2) FLY TR. 2x10 BEAM
3. (2) FLY TR. 2x12 BEAM - REF. B/52 & A/55
4. SINGLE TR. 2x12 BAND
5. DOUBLE TR. 2x10 Ledger with TR. 2x10 LEDGER
6. (2) FLY TR. 2x12 BEAM PLUS TR. 2x12 LEDGER BOARD FOR DECK - REF. A/A1
7. ATTACH N° SIMPSON HGC 210-4 HANGERS - EXTEND POST TO ROOF FRAMING
8. (4) FLY TR. 2x10 BEAM - REF. A/58

SCALE 1/8" = 1'-0"

PLAN DETAIL

SCALE 1/2" = 1'-0"

FLOOR LOADINGS (PSF)

LIVE LOAD
DEAD LOAD
TOTAL LOAD
100.0
10.0
110.0

CONT, TR. 2x12 BAND BOARD
(6) 5' LEDGERLOK SCREWS

TR. 2x12 BETWEEN POSTS
(2) SIMPSON HA10 TIES W/ 1/4" SDS SCREWS (TYP. EACH SIDE)

TR. 6x6 POST

TR. 6x6 POSTS (TYP.)

TR. 2x12 ETHER POSTS

BEAM

NORTH
KEYNOTES

1. (2) 2x12 HEADER BEAM w/ 3" GAP AND 2x6 GAP

2. 1-1/2" x 2-1/2" KNEE BRACE

ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"
A. ROOF TRUSS A DIAGRAM
   SCALE NONE

B. ROOF TRUSS B DIAGRAM
   SCALE NONE
DECK

REFER TO A/A7 FOR ICE 4 WATER SHIELD TO BE INSTALLED BEFORE LEDGER

(2) 2x12 LEDGER W/ BUTT JOINTS ONLY AT POSTS - ATTACHED W/ (8) 4-1/2" HEADLOK SCREWS AT EA. POST AND 2 ROWS OF 2-7/8" HEADLOK SCREWS AT 16" OC. BTWN. POSTS

DECK BOARDS

SINGLE 2x12 BAND BOARD

2x10 JOISTS

(6) 5-1/2" HEADLOK SCREWS

(2) 2x12 BEAM

(6) 5-1/2" HEADLOK SCREWS

SUB-FLOOR

2x6 MALL

2x6 MALL

Lodge

TR, 6x6 POSTS

SIMPSON HSA10 W/ SIMPSON 1/4" SDS SCREWS (BOTH SIDES)

(4) 2x10 BEAM

SIMPSON 66T STRAP TIE (BOTH SIDES)

FOOTING - REFER TO B/51 (TYP.)

GRADE

GRADE