Applicant: Danny McCarthy Date: 5/5/98

Address: 97 Beverly St. (Lot #141) C-B-L: ~~R~~ 334-A-12

CHECK-LIST AGAINST ZONING ORDINANCE

Date - New

Zone Location - R-2

Interior or corner lot -

Proposed Use/Work - Construct New Single Fam. Dwelling 24'x32' No garage

Sewage Disposal - City

Lot Street Frontage - 50' min req - 80' shown

Front Yard - 25' req - 27' shown

Rear Yard - 25' req - 25'+ shown

Side Yard - 14' req - 15' & 30' shown

Projections - rear bulkhead and left side steps - front steps

Width of Lot - 80' min req - 81' shown per Scale

Height - ? 2 story is shown

Lot Area - 10,000# min 12,145# shown

Lot Coverage/ Impervious Surface - 20% max = 2429# max ok

Area per Family - 10,000#

Off-street Parking - 2 req - 2 shown 24x32 = 768#

Loading Bays - N/A

Site Plan - minor/minor

Shoreland Zoning/ Stream Protection - N/A

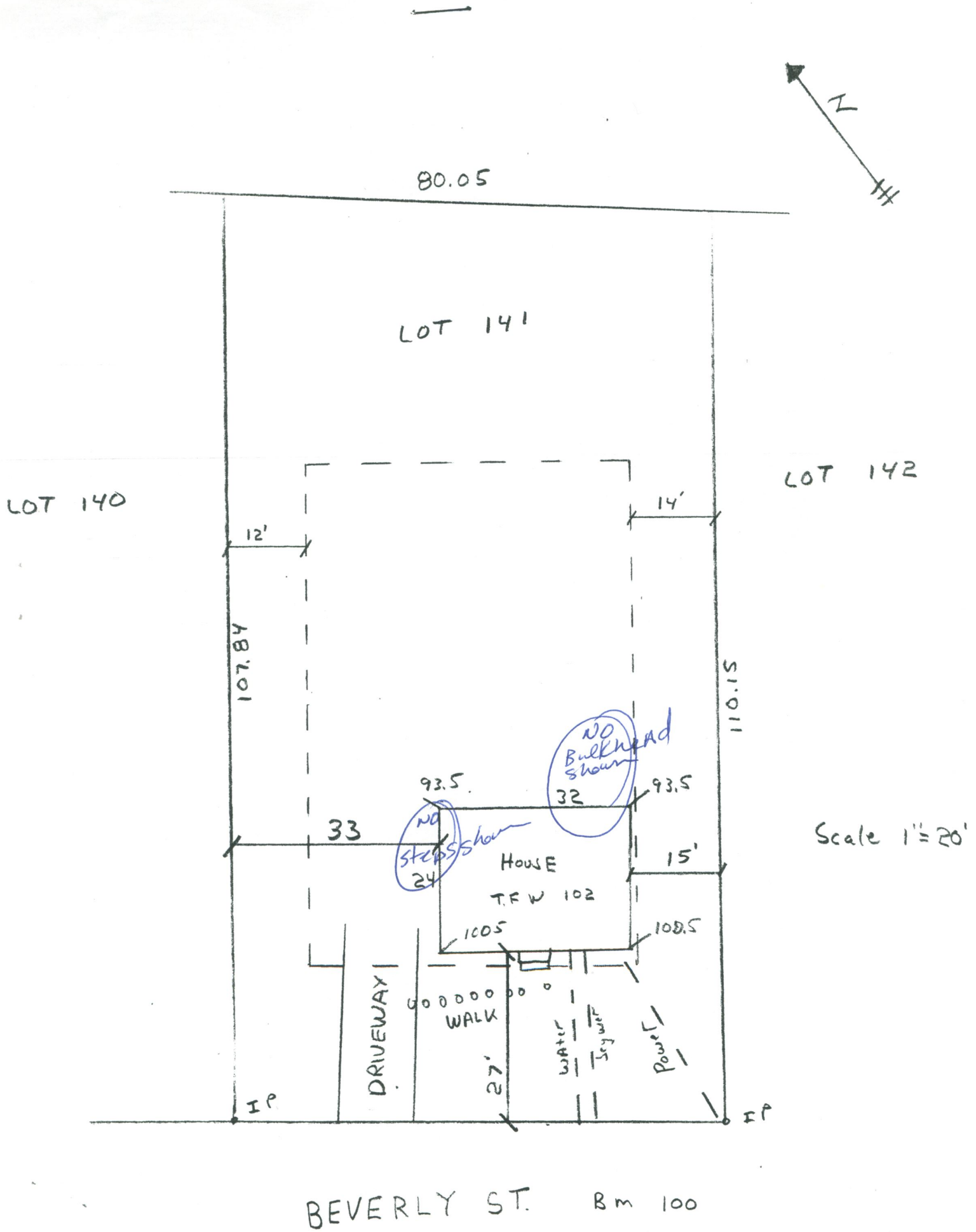
Flood Plains - yes Panel 1 - is in Zone A - elev. 33 basement floor lowest floor elev 2' above

Shall make out the appropriate forms (Two Part Permit Process Elev. C

Certain lot or parcel of land and any improvements thereon situated off Forest Avenue, in the City of Portland, County of Cumberland, and State of Maine, being lot 14 as shown on plan captioned "Plan Showing A Portion Of Woodfords Gardens Off Forest Avenue, Portland, Maine", recorded in Cumberland County Registry of Deeds in Plan Book 196 , Page 140.

The conveyance of the above described parcel of land is subject to the exceptions, reservations and restrictions, easements and encumbrances, set forth in the notes, or referred to on said plan, or as shown on said plan, to which references is hereby made for a more particular description.

Being a portion of the premises described in a deed from Lloyd B. Wolf to R. J. Grondin & Sons dated November 26, 1991, and March 23, 1993, and recorded in the said Registry of Deeds in Book 9823, page 142 and Book 10698, Page 27.


N
80.05
LOT 141
LOT 140
LOT 142
12'
14'
107.84
110.15
NO Bulkhead shown
93.5
93.5
32
33
NO steps shown
24
HOUSE
T.F.W 102
15'
100.5
100.5
DRIVEWAY
WALK
27'
WATER
SEWER
POWER
IP
IP
Scale 1"=20'
BEVERLY ST.
Bm 100

BOCA®
PLAN REVIEW RECORD

Valuation: $68,000 Plan Review # _____

Fee: $360.00 Date: 3 May 1998

~~CABO~~ BOCA

ONE AND TWO FAMILY DWELLING CODE

JURISDICTION Portland Cumberland Maine.
(City, County, Township, etc.)

BUILDING LOCATION Beverly ST. (LOT 141) CBL 334-A-012
(Street address)

BUILDING DESCRIPTION Single family dwelling R-3

REVIEWED BY Hoffman

Numerals indicated in parenthesis are applicable code sections of the 1995 Edition of the CABO *One and Two Family Dwelling Code*. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections with due regard for the amount and type of detailed information which is typically found on construction documents for one and two family dwellings. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgement in evaluating construction documents for code compliance.

CORRECTION LIST

No.	DESCRIPTION	Code Section
1.	All site plan requirements must be completed before a Certificate of Occupancy can be issued.	
2.	24 Hour notice before placing concrete for foundation	
3.	Chimney to meet chapter 12 of the City's Mechanical Code. 1993 BOCA mechanical code	
4.	Guards & Handrails	1022.0 1023.0
5.	Stairs	1014.6
6.	Egress & rescue windows in sleeping room	1010.4
7.	Smoke detectors	920.3.2
8.	Building Fastening Schedule	Table 2305.2
9.	Drilling, Notching & boring	2305.0
10.	Water proofing & dampproofing	1813.0

1/97

CORRECTION LIST		
No.	DESCRIPTION	Code Section

NOTE: Entries to this Plan Review Record that require a field check or inspection of the installation require coordination with the inspection phase of the project.

BUILDING PLANNING (Chapter 3)

LOCAL DESIGN CRITERIA ~~(301)~~

Floor live load 40 non Sleeping 30 Sleep. psf
Roof live load 42 psf
Roof snow load 46 psf
Wind pressure N/A psf
Seismic zone 2
Weathering area S
Frost line depth 4' min
Termite area N/A

LOCAL DESIGN CRITERIA (cont'd.)

Decay area N/A S.
Winter design temp.
Radon

LOCATION ON LOT *(302)*

_____ 1-hour rating for exterior walls located less than 3 feet from property line Table 705.2
_____ Exterior wall openings Table 705.2

_____ ROOM PLANNING REQUIREMENTS *(303 through 305)*

Use	Area (ft^2)	Width	Average ceiling	Minimum ceiling	Natural* light	Natural ventilation*
Living	150	7′	7′6″	5′0″	8% floor area	4% floor area
Dining	70	7′	7′6″	5′0″	8% floor area	4% floor area
Kitchen	50	N.A.	7′0″	5′0″	8% floor area	4% floor area
Bedroom	70	7′	7′6″	5′0″	8% floor area	4% floor area
Bathroom	N.A.	N.A.	7′0″	5′0″	3 square feet	1½ square feet

* See Sections 303.1 & 303.3 for mechanical ventilation

Yes Required heating *(303.6)*

SANITATION ~~(306 & 307)~~ STATE PLBG

_____ Water closet in compartment with privacy; minimum 30″ wide with 21″ clear in front of water closet
_____ Lavatory
_____ Tub or shower in compartment with privacy See BLD report
_____ Kitchen area with sink
_____ Sanitary sewer/private disposal

GLAZING ~~(308)~~ Chapter 24

_____ Labeling
_____ Louvered windows or jalousies
_____ Human impact loads/hazardous locations
_____ Wind loads
_____ Skylights and sloped glazing

PRIVATE GARAGES ~~(309)~~ NO

_____ No opening between garage and sleeping room
_____ Other openings (garage to residence); 1⅜″ solid wood doors, 20-minute fire-rated doors or equivalent
_____ Garage-dwelling separation; ½″ gypsum board or equivalent on garage side

PRIVATE GARAGES (cont'd.)

~~N/A~~ Floor surface noncombustible

EGRESS *(310 through 315)*

_____ One exit from each dwelling unit *(310.1)*
_____ Sleeping room window for emergency escape: opening 5.7 square feet (grade floor, 5 square feet), 22″ net clear height, 20″ net clear width; maximum sill height = 44″ *(310.2)*
_____ Under stair protection *(310.3)*
_____ Exit door ≥ (3′0″ × 6′8″) *(311.1)*
_____ Exit access or hallway ≥ 3′ *(311.1)*
_____ Landings; minimum 3′ × 3′ *(312.1)*
_____ Ramp slope (1:8 maximum) *(313.1)*
_____ Ramp handrails; one required if slope > 1:12 *(313.2)*
_____ Ramp landing, minimum 3′ × 3′ *(313.3)*
_____ Stairways; minimum width = 3′0″; maximum stair rise = 7¾″; minimum tread = 10″ with ¾″-1¼ ″ nosing; minimum headroom = 6′8″ *(314)*
_____ Winders *(314.4)*
_____ Winders, spiral, and circular stairways *(314.4 through 314.6)*
_____ Stairway illumination *(314.7)*
_____ Handrails; required on one side of stair if three or more risers; handrail height = 30″ to 38″: grip size 1¼″ to 2″ *(315.1 & 315.2)*

BUILDING PLANNING (cont'd.)

EGRESS (cont'd.)

See Report
- ____ Guardrails; required for porches, balconies, open sides of stairs, or raised floor surfaces > 30″ above floor
- ____ Minimum guardrail height = 36″ *(315.3)*
- ____ Opening limitations; < 4″ *(315.4)*

SMOKE DETECTORS ~~(318)~~ 920.3.2
- ____ Location and interconnection
- ____ Power source

FOAM PLASTIC *(317)*
- N/A Approved
- ~~Requirements~~
- N/A Location

WALL AND CEILING FINISH *(318)*
- OK Flame spread
- ____ Smoke density

INSULATION *(319)*
- ____ Flame spread
- OK Smoke density
- ____ Attic

DWELLING UNIT SEPARATION *(320)*
- N/A Construction (1-hour minimum)
- N/A Floor/ceiling and wall continuity
- N/A Sound transmission
- N/A ~~Townhouse exception (2 hours)~~*
- N/A Townhouse parapet*
- ____ Townhouse structural independence*

*Not applicable to structures classified in accordance with the BOCA National Building Code as Use Group R-4.

MOISTURE VAPOR RETARDERS *(321.1)*
- N/A Required

DECAY AND TERMITE AREAS *(322 & 323)*
- N/A Location required *(Table 301.2a)*
- N/A Adequate protection

RADON PROTECTION *(324)*
- ✓ Required *(Table 301.2a)* (If required see page 12)

FOUNDATIONS (Chapter 4)

WOOD FOUNDATIONS *(402.1)*
- N/A Design
- N/A Installation

FOOTINGS ~~(403)~~
- OK ~~Depth~~ below (outside) grade = 12″ minimum; but below frost line except for insulated footings
- ____ Insulated footing provided
- ____ Soil bearing value
- ____ Footing width (see page 5) 8″
- 8″ Footing edge thickness = ~~8″~~ minimum; footing projection = 2″ minimum, but ≤ to footing thickness

FOUNDATION WALLS *(404 through 406)*
- Yes Footing required under foundation wall *(403.1)*
- OK Minimum wall thickness/maximum depth of unbalanced fill (see page 5)

FOUNDATION WALLS (cont'd.)
- Shows Drains required if habitable or usable spaces are below grade* *(405)*
- Set Dampproofing if basements are below grade* *(406)*
- Report Waterproofing if high water table* *(406.2)*
- Report Sill plate *(322)*
- ____ Bolting in concrete = ½″ diameter bolts at 6′ o.c. and within 12″ from corner, 7″ embedment
- ____ Bolting in masonry = ½″ diameter bolts at 6′ o.c. and within 12″ from corner, 15″ embedment

FOUNDATION INSULATION *(407)*
- ✓ Protective covering (extend minimum 6″ below grade)

* If uninhabitable, see crawl space *(409)*

Table 403.1
MINIMUM WIDTH OF CONCRETE OR MASONRY FOOTINGS (inches)

	LOAD-BEARING VALUE OF SOIL (psf)					
	1,500	2,000	2,500	3,000	3,500	4,000
Conventional Wood Frame Construction						
1-story	16	12	10	8	7	6
2-story	19	15	12	10	8	7
3-story	22	17	14	11	10	9
4-Inch Brick Veneer over Wood Frame or 8-Inch Hollow Concrete Masonry						
1-story	19	15	12	10	8	7
2-story	25	19	15	13	11	10
3-story	31	23	19	16	13	12
8-Inch Solid or Fully Grouted Masonry						
1-story	22	17	13	11	10	9
2-story	31	23	19	16	13	12
3-story	40	30	24	20	17	15

For **SI:** 1 inch = 25.4 mm, 1 psf = 0.0479 kN/m^2.

Table No. 404.1.1a
MINIMUM THICKNESS AND ALLOWABLE DEPTH OF UNBALANCED FILL FOR UNREINFORCED MASONRY AND CONCRETE FOUNDATION WALLS WHERE UNSTABLE SOIL OR GROUNDWATER CONDITIONS DO NOT EXIST IN SEISMIC ZONES 0, 1 OR 2[1,2]

FOUNDATION WALL CONSTRUCTION	NOMINAL THICKNESS[3] (inches)	MAXIMUM DEPTH OF UNBALANCED FILL[1] (feet)
Masonry of Hollow Units, Ungrouted	8 10 12	4 5 6
Masonry of Solid Units	6 8 10 12	3 5 6 7
Masonry of Hollow or Solid Units, Fully Grouted	8 10 12	7 8 8
Plain Concrete	6[4] 8 10 12	6 7 8 8
Rubble Stone Masonry	16	8
Masonry of hollow units reinforced vertically with No. 4 bars and grout at 24 inches on center. Bars located not less than 4½ inches from pressure side of wall.	8	7

For **SI:** 1 inch = 25.4 mm, 1 psf = 0.0479 kN/m^2.

[1] Unbalanced fill is the difference in height of the exterior and interior finish ground levels. Where an interior concrete slab is provided, the unbalanced fill shall be measured from the exterior finish ground level to the top of the interior concrete slab.

[2] The height between lateral supports shall not exceed 8 feet.

[3] The actual thickness shall not be more than ½ inch less than the required nominal thickness specified in the table.

[4] Six-inch plain concrete walls shall be formed on both sides.

FOUNDATIONS (cont'd.)

Table No. 404.1b
REQUIREMENTS FOR MASONRY OR CONCRETE FOUNDATION WALLS SUBJECTED TO NO MORE PRESSURE THAN WOULD BE EXERTED BY BACKFILL HAVING AN EQUIVALENT FLUID WEIGHT OF 30 POUNDS PER CUBIC FOOT LOCATED IN SEISMIC ZONE 3 OR 4 OR SUBJECTED TO UNSTABLE SOIL CONDITIONS

MATERIAL TYPE	HEIGHT OF UNBALANCED FILL[1] (feet)	LENGTH OF WALL BETWEEN SUPPORTING MASONRY OR CONCRETE WALLS (feet)	MINIMUM WALL THICKNESS[2,3] (inches)	REQUIRED REINFORCING	
				HORIZONTAL BAR IN UPPER 12 INCHES OF WALL	SIZE AND SPACING OF VERTICAL BARS
Hollow Masonry	4 or less	unlimited	8	not required	not required
	more than 4	design required	design required	design required	design required
Concrete or Solid Masonry[4]	4 or less	unlimited	8	not required	not required
	more than 4	less than 8	8	2-No. 3	No. 3 @ 18″ O.C.
	8 or less	8 to 10	8	2-No. 4	No. 3 @ 18″ O.C.
	8 or less	10 to 12	8	2-No. 5	No. 3 @ 18″ O.C.
	more than 8	design required	design required	design required	design required

For **SI:** 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per cubic foot (pcf) = 0.1572kN/m^3.

[1] Backfilling shall not be commenced until after the wall is anchored to the floor.

[2] Thickness of concrete walls may be 6 inches, provided reinforcing is placed not less than 1 inch or more than 2 inches from the face of the wall nc against the earth.

[3] The actual thickness shall not be more than ½ inch less than the required thickness specified in the table.

[4] Solid masonry shall include solid brick or concrete units and hollow masonry units with all cells grouted.

COLUMNS *(~~408~~)*

OK Protection from decay or corrosion

____ Structural requirements

____ Anchorage

____ Wood columns (minimum 4″ square)

____ Steel columns (minimum 3″ diameter, standard weight)

CRAWL SPACE *(409)*

____ Ventilation

____ Access (18″ × 24″)

____ Removal of debris

____ Finished grade

FLOORS (Chapter 5)

WOOD JOISTS AND GIRDERS *(502)*

2X S Joists — Nonsleeping areas, LL = 40 psf *(Table 502.3.1a)*

2X S Joists — Sleeping areas, LL = 30 psf *(Table 502.3.1b)*

____ Grade; E = ____ F_b = ____

____ Girder supporting one floor only *(Table 502.3.3a)*

____ Girder supporting more than one floor *(Table 502.3.3b)*

OK Column supporting girder *(Table 502.3.3b)*

____ Footing supporting column *(Table 502.3.3b)*

WOOD JOISTS AND GIRDERS (cont'd.)

YES Joists under bearing partitions

____ Bearing (1½″ minimum on wood or steel; 3″ o masonry) and lapped joists (3″)

____ Lateral restraint and bridging

____ Drilling and notching

See Bored holes

____ Fastening

Remove Framing of openings

____ Floor trusses

____ Draftstopping

FLOORS (cont'd.)

LUMBER FLOOR SHEATHING *(503.1)*

_____ Allowable span

_____ End joints

PLYWOOD FLOOR SHEATHING *(503.2)*

OSB Grade

3/4" T.G. Thickness

_____ Allowable spans *(Tables 503.2.1.1a & 503.2.1.1b)*

OK Installation *(Table 602.3a)*

PARTICLEBOARD FLOOR UNDERLAYMENT *(503.3)*

N/A Grade

_____ Thickness

_____ Installation *(Table 602.3a)*

TREATED-WOOD FLOORS (ON GROUND) *(504)*

N/A Base course: 4" thick with maximum 3/4" gravel or 1/2" crushed stone

_____ Moisture barrier: placed over base course

_____ Construction

CONCRETE FLOORS *ON GROUND ~~(505)~~*

4" Thickness: 3½" minimum; Concrete strength = 2500 psi minimum

_____ Support: prepared subgrade; maximum earth fill = 8"; maximum sand or gravel fill = 24"

_____ Base course: 4" graded with 2" maximum aggregate

_____ Vapor barrier

METAL ~~*(506)*~~

N/A Materials

WALL CONSTRUCTION (Chapter 6)

GENERAL *(601)*

_____ Design

_____ Load requirements *(301)*

WOOD CONSTRUCTION *(602)*

_____ Grade; E = _____ F_b = _____

_____ Construction *(Figures 602.3a & 602.3b)*

_____ Stud grade _____ spacing *(Table 602.3d — see page 8)*

2X6 Exterior walls

2X4 Interior bearing walls

_____ Interior nonbearing walls: 2" × 3" at 24" o.c. or 2" × 4" flat at 16" o.c.

Sel Drilling and notching — studs

_____ Drilling and notching — top plate

report Headers *(Tables 602.6 & 602.6.2)*

_____ Firestopping

WOOD CONSTRUCTION (cont'd.)

_____ Cripple walls

OK Wall bracing *(Table 602.9)*

METAL CONSTRUCTION *(603)*

N/A Materials

MASONRY CONSTRUCTION *(604 through 607)*

N/A General design

_____ Types of masonry

_____ Construction requirements

WINDOWS & DOORS *(608 & 609)*

OK Certification

SHEATHING *(610 & 611)*

7/16 Plywood and wood structural panels *(610)*

↓ Particleboard *(611)*

WALL CONSTRUCTION (cont'd.)

Table No. 602.3d
MAXIMUM STUD SPACING (inches)

STUD SIZE	SUPPORTING ROOF AND CEILING ONLY	SUPPORTING ONE FLOOR ROOF AND CEILING	SUPPORTING TWO FLOORS ROOF AND CEILING	SUPPORTING ONE FLOOR ONLY
2 × 4	24[1]	16	—	24[1]
3 × 4	24[1]	24	16	24
2 × 5	24	24	—	24
2 × 6	24	24	16	24

For SI: 1 inch = 25.4 mm.
[1] Shall be reduced to 16 inches if Utility grade studs are used.

WALL COVERING (Chapter 7)

INTERIOR WALL COVERING *(702)*

_____ Plaster material *(702.2)*

_____ Plaster support *(702.2.1)*

1/2" Gypsum wallboard material *(702.3.1)*

_____ Gypsum wallboard support, application and fastening *(702.3.2 through 702.3.5)*

_____ Shower and bath compartments: Smooth, hard, nonabsorbent surface to minimum 6 feet above floor *(702.4)*

_____ Other finishes *(702.5 & 702.6)*

EXTERIOR WALL COVERING *(703)*

Yes, S Sheathing paper required *(703.2)*

_____ Wood siding *(703.3)*

_____ Attachment and minimum thickness *(Table 703.4)*

EXTERIOR WALL COVERING (cont'd.)

_____ Wood shakes and shingles *(703.5)*

_____ Exterior lath *(703.6)*

_____ Masonry veneer *(703.7 & Figure 703.7)* Maximum height (35′ in Seismic Zones 0, 1 or 2; 25′ in Seismic Zones 3 or 4); Steel angle lintels *(Table 703.7.1)* (4″ minimum bearing each end)

_____ Veneer ties: #9 wire or #22 corrugated metal; 24″ o.c. horizontal spacing; 3¼ square feet maximum area supported (wind > 30 psf and Seismic Zones 3 or 4 maximum area = 2 square feet) *(703.7.2.1)*

_____ Flashing *(703.8)*

ROOF-CEILING CONSTRUCTION (Chapter 8)

ROOF FRAMING *(802)*

_____ Cathedral ceilings *(802.2.1)*

Ok Rafter tie where joists are not parallel to rafters (4′ o.c.) *(802.3)*

_____ Rafter brace to bearing walls (2″ × 4″ at 4′ o.c. minimum) *(Figure 802.4.1)*

_____ Purlin rafter support (2″ × construction minimum) *(802.4.1)*

_____ Connection of roof-ceiling system to masonry walls *(Figures 604.10a through 604.10c)*

ROOF FRAMING (cont'd.)

_____ Bearing

_____ Cutting and notching

See Bored holes

_____ Lateral support and bridging

Yes Framing of openings

_____ Trusses

_____ Roof tie-down

ROOF-CEILING CONSTRUCTION (cont'd.)

RAFTERS

_____ Grade; E = _____ F_b = _____ *(802.1)* _____ FRTW allowable stresses/grading *(802.1.1)*

Rafters supporting a gypsum or plastered ceiling (cathedral type)*

2X8 Gypsum ceiling (Δ = L/240) *(301.6)*
LL = 20: Use *Table 802.4e*
LL = 30: Use *Table 802.4f*
LL = 40: Use *Table 802.4g*

_____ Plastered ceiling (Δ = L/360) *(301.6)*
LL = 20: Use *Table 802.4h*
LL = 30: Use *Table 802.4i*
LL = 40: Use *Table 802.4j*

Rafters not supporting a finished ceiling (attic type)*

_____ Low-slope (slope ≤ 3:12) (Light roofing: DL = 10 psf)
LL = 20: Use *Table 802.4k*
LL = 30: Use *Table 802.4l*
LL = 40: Use *Table 802.4m*

_____ High slope (slope > 3:12) (Heavy roofing: DL = 15 psf)
LL = 20: Use *Table 802.4n*
LL = 30: Use *Table 802.4o*
LL = 40: Use *Table 802.4p*

_____ High slope (slope > 3:12) (Light roofing: DL = 7 psf)
LL = 20: Use *Table 802.4q*
LL = 30: Use *Table 802.4r*
LL = 40: Use *Table 802.4s*

* LL = Live load (psf); DL = Dead load; L = span length

JOISTS (CEILINGS)

2X6 Grade; E = _____ F_b = _____ *(802.1)* _____ FRTW allowable stresses/grading *(802.1.1)*

Joists with limited attic storage (roof slope > 3:12) (LL = 20 psf; DL = 10 psf) *(Table 301.4)**

_____ Plaster ceiling (Δ = L/360) *(301.6)*
Use *Table 802.4a*

_____ Gypsum ceiling (Δ = L/240) *(301.6)*
Use *Table 802.4b*

Joists with no attic storage (roof slope ≤ 3:12) (LL = 10 psf; DL = 5 psf) *(Table 301.4)**

2X6 Plaster ceiling (Δ = L/360) *(301.6)*
Use *Table 802.4c*

_____ Gypsum ceiling (Δ = L/240) *(301.6)*
Use *Table 802.4d*

* LL = Live load (psf); DL = Dead load; L = span length

PLYWOOD ROOF SHEATHING *(803.2)*

CDX Grade
1/2 Thickness
_____ FRTW allowable stresses/grading
_____ Allowable spans *(Table 503.2.1.1a)*
_____ Installation *(803.2.3)*

PARTICLEBOARD ROOF SHEATHING *(803.3)*

N/A Grade

PARTICLEBOARD ROOF SHEATHING (cont'd.)

_____ Thickness
_____ Allowable spans *(Table 803.3.2)*
_____ Installation *(803.3.3)*

ATTICS

N/A Ventilation requirements *(806)*
_____ Access requirements *(807)*

ROOF COVERINGS (Chapter 9)

GENERAL *(901)*

OK Load/weather resistance
_____ Approved materials

DECK PREPARATION *(902)*

_____ Underlayment application
#15 Underlayment attachment
felt

ROOF COVERINGS (cont'd.)

ASPHALT SHINGLES *(903)*

_____ Steep-slope application (slope ≥ 4:12)

_____ Low-slope application (2:12 ≤ slope < 4:12)

Fiberglass Attachment *(Table 903.4)*

_____ Flashing

_____ Hips and ridges

SLATE SHINGLES *(904)*

_____ Application

_____ Underlayment

_____ Valley flashing

METAL *(905)*

_____ Application

_____ Roof slope

_____ Underlayment

TILE, CLAY OR CONCRETE SHINGLES *(906)*

_____ Application

_____ Attachment

_____ Roof slope

_____ Underlayment

_____ Nailing and flashing

BUILT-UP ROOFING *(907)*

_____ Underlayment

_____ Installation requirements

WOOD SHINGLES *(908)*

_____ Sheathing requirements

_____ Installation requirements

_____ Attachment & exposure *(Tables 908.3 & 908.3.3)*

_____ Valley flashing

_____ Label

WOOD SHAKES *(909)*

_____ Sheathing requirements

_____ Installation requirements

_____ Attachment & exposure *(Tables 908.3 & 908.3.3)*

_____ Valley flashing

_____ Label

REROOFING *(910)*

_____ 25 percent or more of roof repaired, replaced or recovered

_____ Structural support

_____ Recover vs replace

CHIMNEYS AND FIREPLACES (Chapter 10)

See repairs

MASONRY CHIMNEYS *(1001)*

_____ Construction *(1001.1 & Figure 1003.1)*

_____ Changes in dimension

_____ Additional load

_____ Termination

_____ Wall thickness; ≥ 4"

_____ Flue lining - material/installation

_____ Multiple flues

_____ Flue area (appliance)

_____ Flue area (masonry fireplace)

_____ Inlet

_____ Cleanout opening

MASONRY CHIMNEYS (cont'd.)

_____ Chimney clearance

_____ Firestopping

FACTORY-BUILT CHIMNEYS *(1002)*

_____ Approved and listed

_____ Installation

MASONRY FIREPLACES *(1003)*

_____ Construction *(Figure 1003.1 & Table 1003.1)*

_____ Fireplace walls

_____ Steel fireplace units

_____ Lintel (noncombustible)

_____ Hearth extension material

CHIMNEYS AND FIREPLACES (cont'd.)

MASONRY FIREPLACES (cont'd.)

_____ Hearth extension

_____ Fireplace clearance

_____ Firestopping

_____ Combustible materials

FACTORY-BUILT FIREPLACES *(1004)*

_____ Approved and listed

_____ Installation

FACTORY-BUILT FIREPLACE STOVES *(1005)*

_____ Approved and listed

_____ Installation

EXTERIOR AIR SUPPLY *(1006)*

_____ Intake size

MECHANICAL (Chapters 11-28)

BOCA 93

Mechanical

_____ Appliance labeling *(1302, 1303)*

_____ Appliance access *(1305, 1401)*

_____ Appliance location *(1307)*

_____ Heating and cooling load calculations *(1401)*

_____ Ventilation *(Chapter 17)*

_____ Exhaust systems *(Chapter 18)*

_____ Duct sizing *(Chapter 19)*

_____ Combustion air *(Chapter 20)*

_____ Chimney and vent location and terminations *(1001, 2104)*

_____ Fuel gas pipe sizing *(2609)*

_____ Liquefied Petroleum Gas container location *(2611)*

_____ Oil tank location *(2701)*

_____ Penetrations of fireresistance rated assemblies *(320.3.1.1)*

PLUMBING (Chapters 29-38)

STATE

_____ Water service location and depth *(3103, 3104)*

_____ Sanitary and storm sewer location and depth *(3103, 3104)*

_____ Listed plastic materials *(3109)*

_____ Plumbing fixtures *(Chapter 32)*

_____ Water heater size and location *(Chapter 33)*

_____ Water supply and distribution system design calculations *(3403, 3409)*

_____ Drain, waste and vent pipe sizing and riser diagram *(3504, 3505, 3601)*

_____ Backwater valves *(3508)*

_____ Private sewage disposal system design *(Chapter 38)*

_____ Penetrations of fireresistance rated assemblies *(320.3.1.1)*

ELECTRICAL (Chapters 39-46)

NATIONAL

_____ Listed and labeled materials *(3903)*

_____ Service size and load calculations *(4102)*

_____ Available fault current *(4106)*

_____ Service equipment and location *(4101, 4106)*

_____ Required branch circuits *(4203)*

_____ Feeder requirements and load calculations *(4204)*

_____ Required lighting and receptacle outlets *(4401, 4403)*

_____ Penetrations of fireresistance rated assemblies *(3902)*

MANUFACTURED HOUSING USED AS DWELLINGS (Appendix A)

_____ Provisions adopted *(114)* N/A _____ Compliance with Appendix A verified

SWIMMING POOLS, SPAS, AND HOT TUBS (Appendix D)

_____ Provisions adopted *(115)* N/A _____ Compliance with Appendix D verified

ENERGY CONSERVATION (Appendix E)

_____ CABO Model Energy Code adopted *(119)* N/A

RADON CONTROL MEASURES (Appendix F)

_____ Provisions applicable *(Table 301.2a & 324)* _____ Compliance with Appendix F verified

NOTES

See Bldg. Permit report.