



CITY OF SPEARFISH

Building Inspection Division

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Spearfish, SD 57783

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POURED CONCRETE FOUNDATION MINIMUM REQUIREMENTS

VERTICAL REINFORCING:

8" Wall #4 Bar every 6 feet on center.

| | | | |
|------------|----------|-----------|-----------|
| WALL SIZE: | 8 Inches | 10 Inches | 12 Inches |
| FOOTING: | 8" x 16" | 10" x 20" | 12" x 24" |

HORIZONTAL REINFORCING:

#4 bar within 12" of top and bottom of wall and 18" O.C.

1/2" ϕ X 10"
A.B. @ 6. O.C.
7" in concrete
not more than 12"
from ends

Redwood or tr. lumber

Top of foundation wall to be
at least 12" above street
curb elevation.

Grade to be a minimum of
6" below bottom of siding.

The grade away from foundation
walls shall fall a minimum of
6 inches within the first 10 feet.

Horiz. rebar @ top, bottom and middle
or @ 18" O.C.

All footings to be located
on undisturbed soil.
42" frostline minimum.

2 (two) #4 bars in footing, continuous,
w/ 15" lap. There must be a minimum of
two ties per lap. Corners must be lapped
a minimum of 24"

Drain Tile with gravel
or crushed stone

