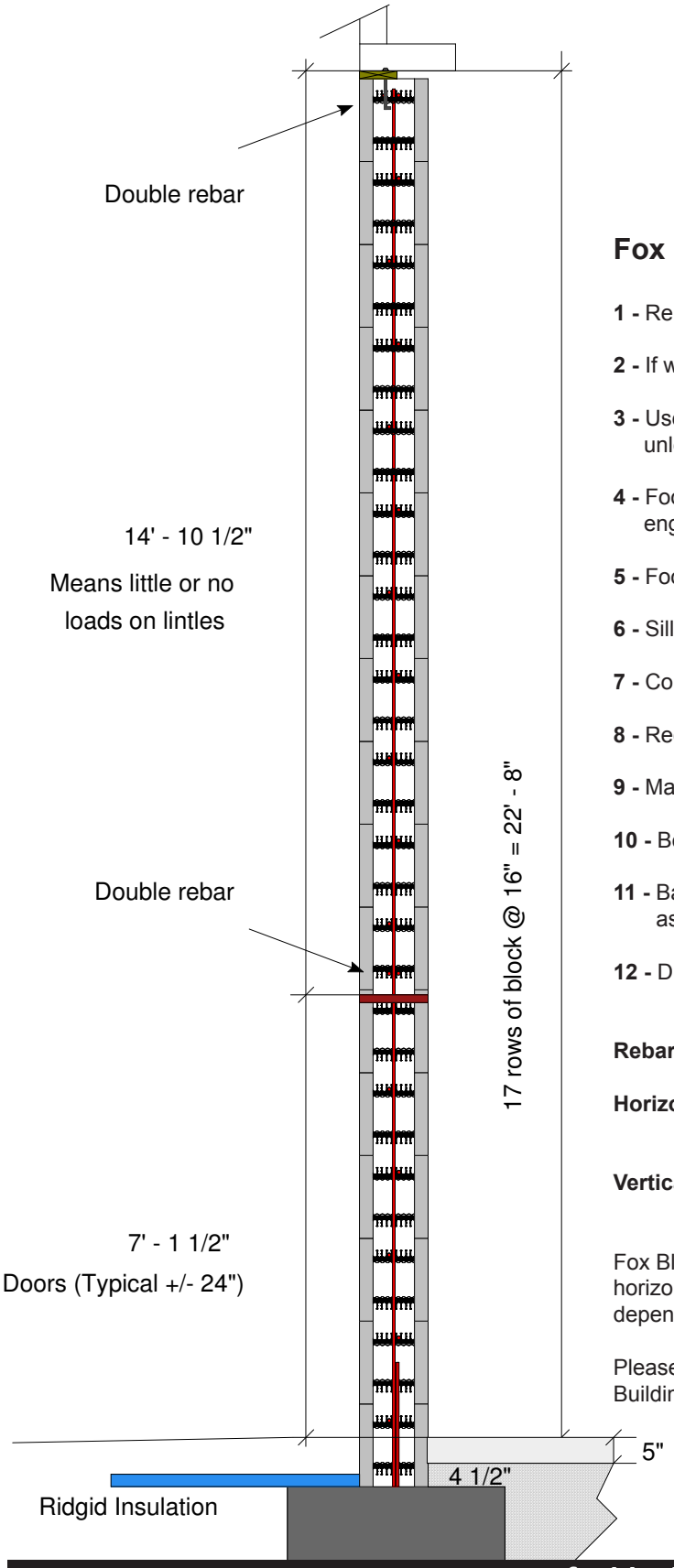

Cross Section

for a 22' - 8" high shop wall on footing

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

2 - If wall design exceeds Building Code follow site engineering.

3 - Use 3rd & 5th horizontal rebar holders unless site engineering specifies otherwise.

4 - Footing size and rebar requirements as per building code and/or engineering

5 - Footing dowels as per building code and/or engineering.

6 - Sill plate attachment as per Building Code.

7 - Concrete strength as per Building Code.

8 - Recommended concrete slump - 5" to 6" (125 to 150 mm)

9 - Maximum concrete lift heights and pour rates as per ACI code.

10 - Below grade waterproofing / damp proofing as per Building Code.

11 - Backfill after floor diaphragm is in place and 7 days of concrete cure as per most Building Codes.

12 - Drainage tile/stone systems as per Building Code.

Rebar placement:

Horizontal - rebar holders will accept rebar sizes from #4 (10M) to #6 (20M) single or double mat of rebar

Vertical - #4 (10M) to unlimited, single or double mat of rebar (allowing for proper concrete placement & coverage)

Fox Blocks typically sees a single mat of #4 (10M) rebar used in both horizontal & vertical placement @ 16"o/c, depending on wall length and backfill height in non seismic areas.

Please remember that all structural concrete work must meet the local Building Code and or structural design and engineering.