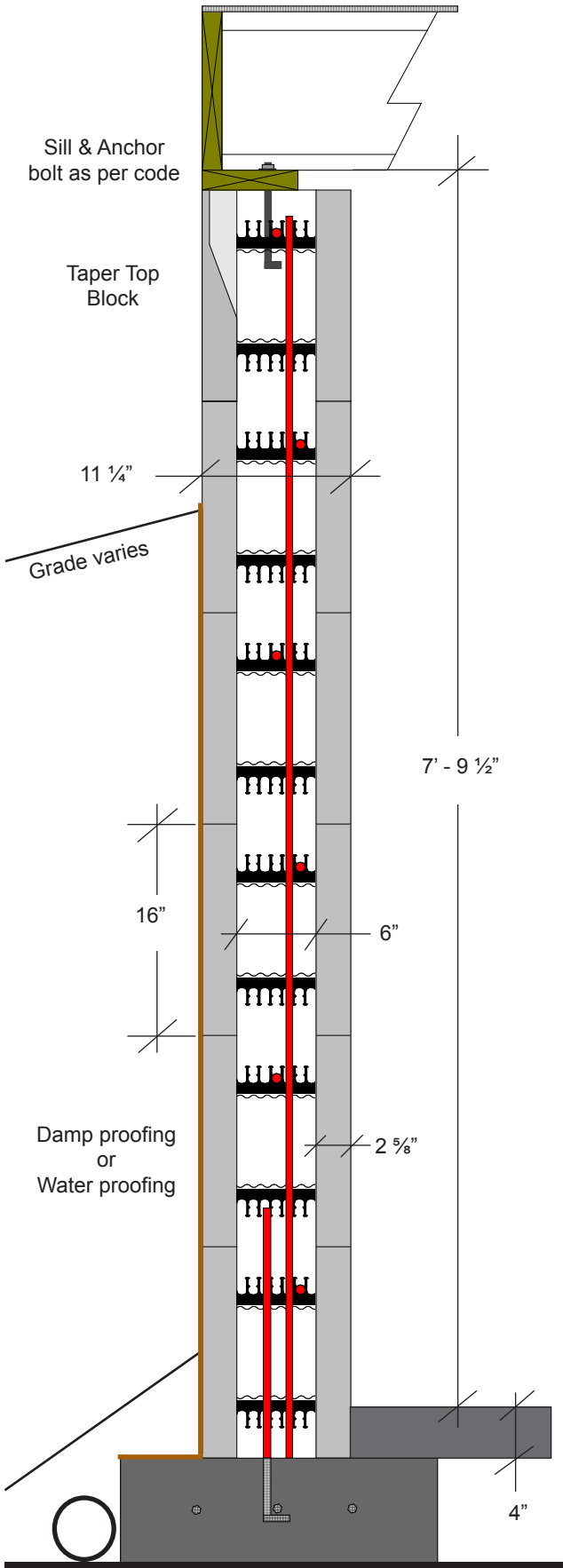
Foundation wall Booklet

Contents:

8’ - 0” six inch cavity on footing
8’ - 4” six inch cavity on footing
9’ - 4” six inch cavity on footing

8’ - 0” eight inch cavity on footing
8’ - 4” eight inch cavity on footing
9’ - 4” eight inch cavity on footing

Note:
These documents should look good printing with normal settings. If not change to higher quality printer settings.



Be Clever… Build Green

FOX BLOCKS

Cross Section - FBCS07106002

8’- 0” Foundation wall using 6” concrete core Fox Blocks

6 rows of 16” block

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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.

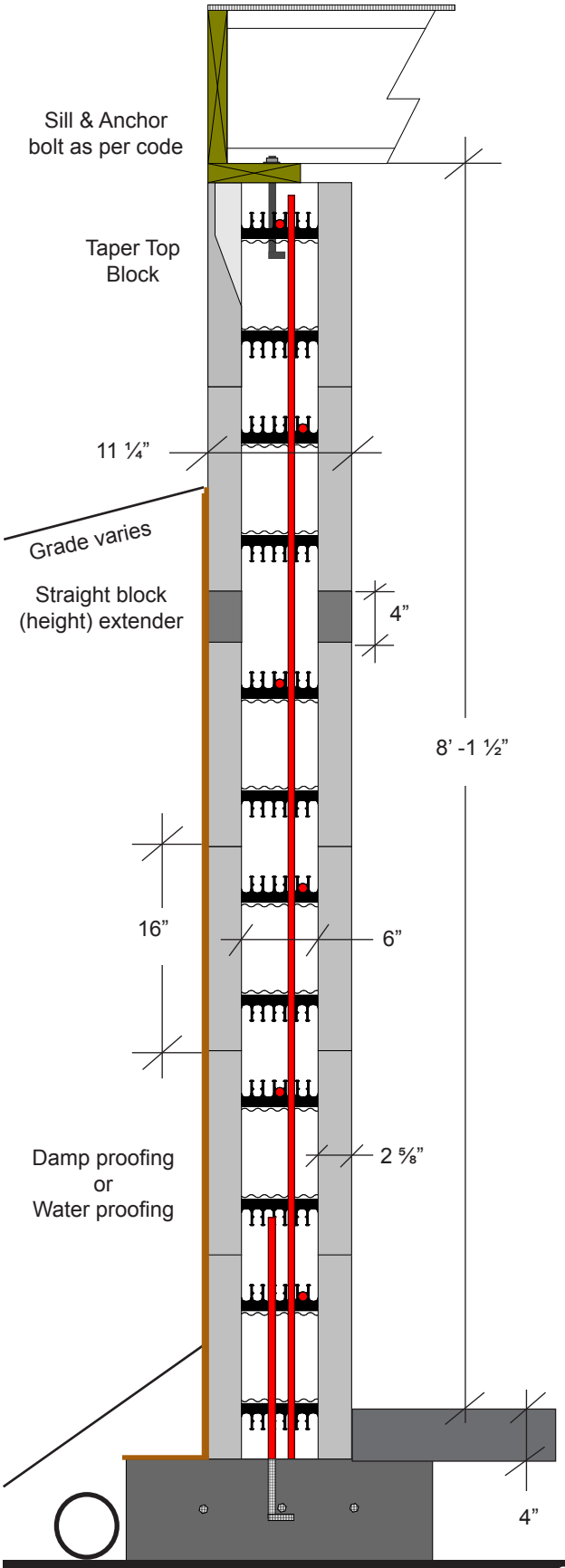
Rebar placement:

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 on the tension side of wall, 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.



Be Clever… **Build Green**

FOX BLOCKS

Cross Section - FBCS07106003

8’- 4” Foundation wall using 6” concrete core Fox Blocks

6 rows of 16” block + 1 row of 4” straight block (height) extender

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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.

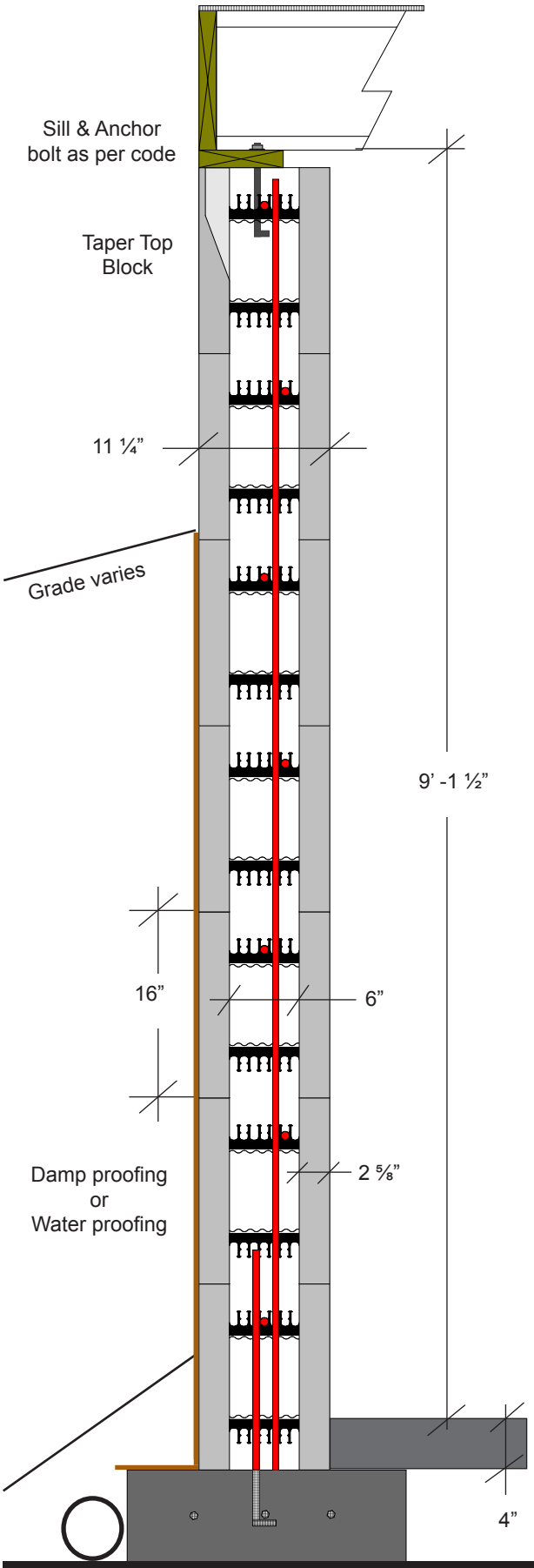
Rebar placement:

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 on the tension side of wall, 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.



Be Clever… Build Green

FOX BLOCKS

Cross Section - FBCS07106004

9’- 4” Foundation wall using 6” concrete core Fox Blocks
7 rows of 16” block

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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.

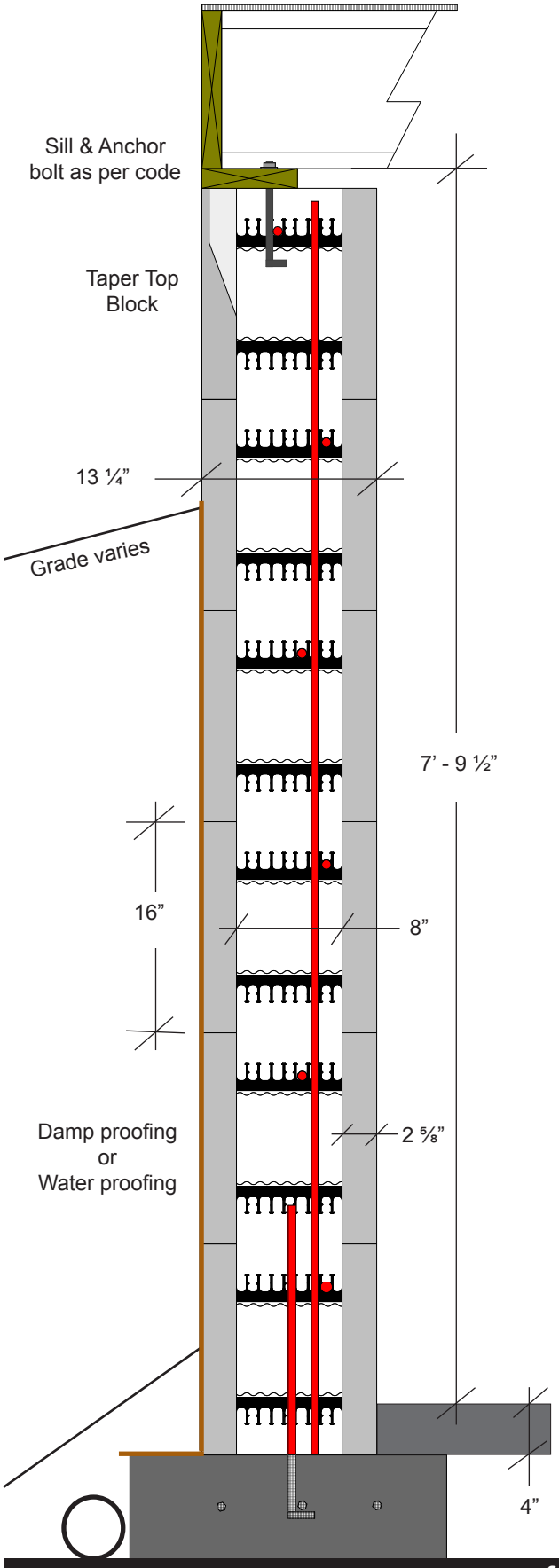
Rebar placement:

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 on the tension side of wall, 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.



Be Clever… Build Green

FOX BLOCKS

Cross Section - FBCS07108002

8’- 0” Foundation wall using 8” concrete core Fox Blocks

6 rows of 16” block

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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.

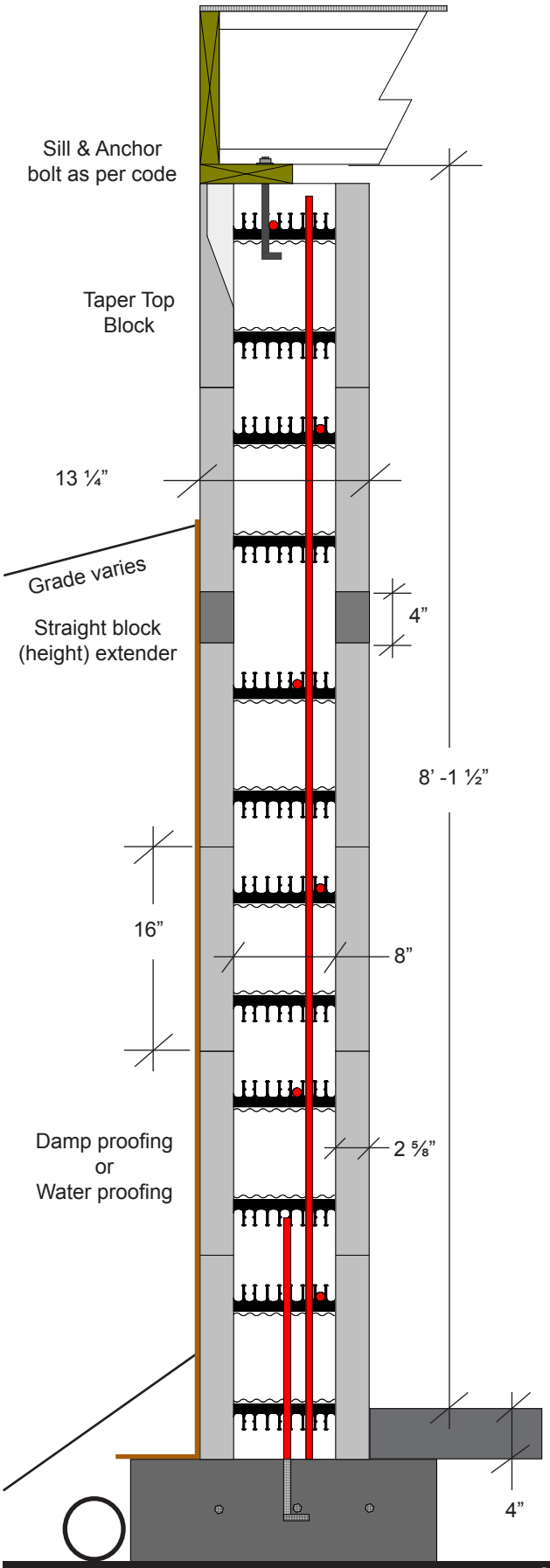
Rebar placement:

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 on the tension side of wall, 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.



Be Clever… **Build Green**

FOX BLOCKS

Cross Section - FBCS07108003

8’- 4” Foundation wall using 8” concrete core Fox Blocks

6 rows of 16” block + 1 row of 4” straight block (height) extender

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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.

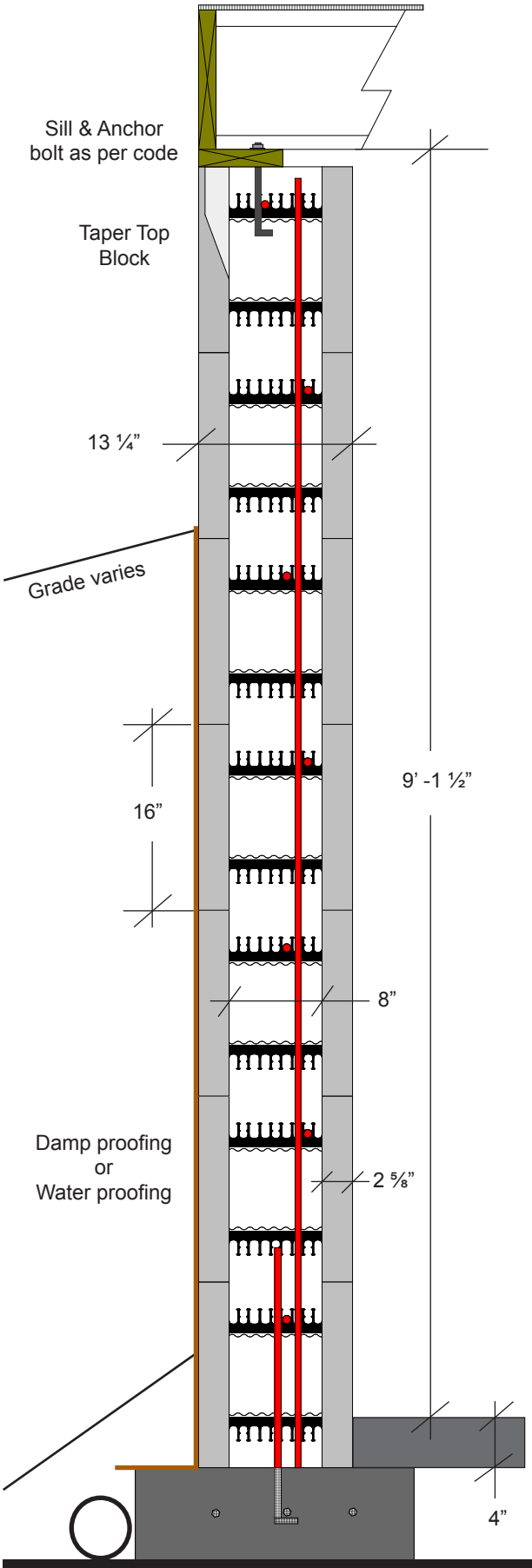
Rebar placement:

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 on the tension side of wall, 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.



Be Clever… Build Green

FOX BLOCKS

Cross Section - FBCS07108004

9’- 4” Foundation wall using 8” concrete core Fox Blocks

7 rows of 16” block

Fox Blocks recommendations:

1 - Rebar size & spacing as per Building Code.

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

3 - Use 1st & 3rd horizontal rebar holders to the tension side of the wall 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 on the tension side of wall, 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.