Termite Math

Let' see …
2 x 4 x 8 ft long?
So: 2 x 4 = 8 inches
And: 8 ft x 12 = 96 inches
8 x 96 = 768 cubic inches
(144 cu in per board foot)
So, 768/144 = 5.33

Termite Math

Wow! That's over 5 board feet of prime pine!

Termite Technician Math

44 ft x 34 ft = 1496 sq ft
(need 1 gal/10 sq ft)
(or 0.1 gal/sq ft)
So, 1496 x 0.1 = 149.6
So need 150 gallons
@ 0.06%

Termite Technician Math

And they sent me out here with a 50 gallon tank!

The Math is Easy!

The Devil is in the details!

The Math is Easy!
The Devil is in the details!

1} **What kind of treatment is this?**
- Pre-treat or post-construction
- Bora-Care or liquid termiticide (Pre)
- Bait or liquid termiticide (Post)
- Full treatment or EP/LI?

2} **How is the building constructed?**
- monolithic slab or conventional crawl
- solid foundation wall or hollow block/brick
- Footing depth? Less than 1 ft or varying?

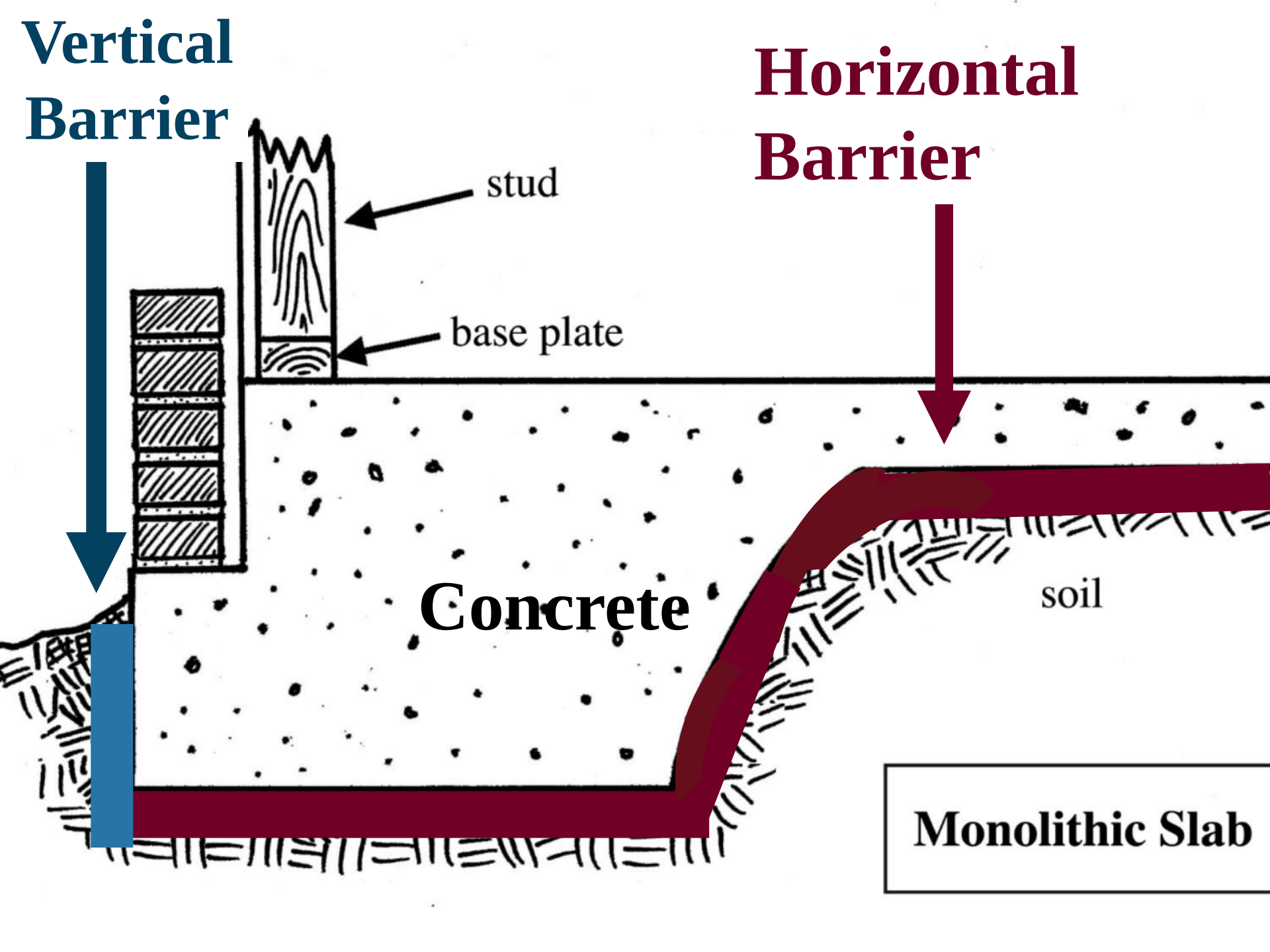
3} **Is there an active infestation?**

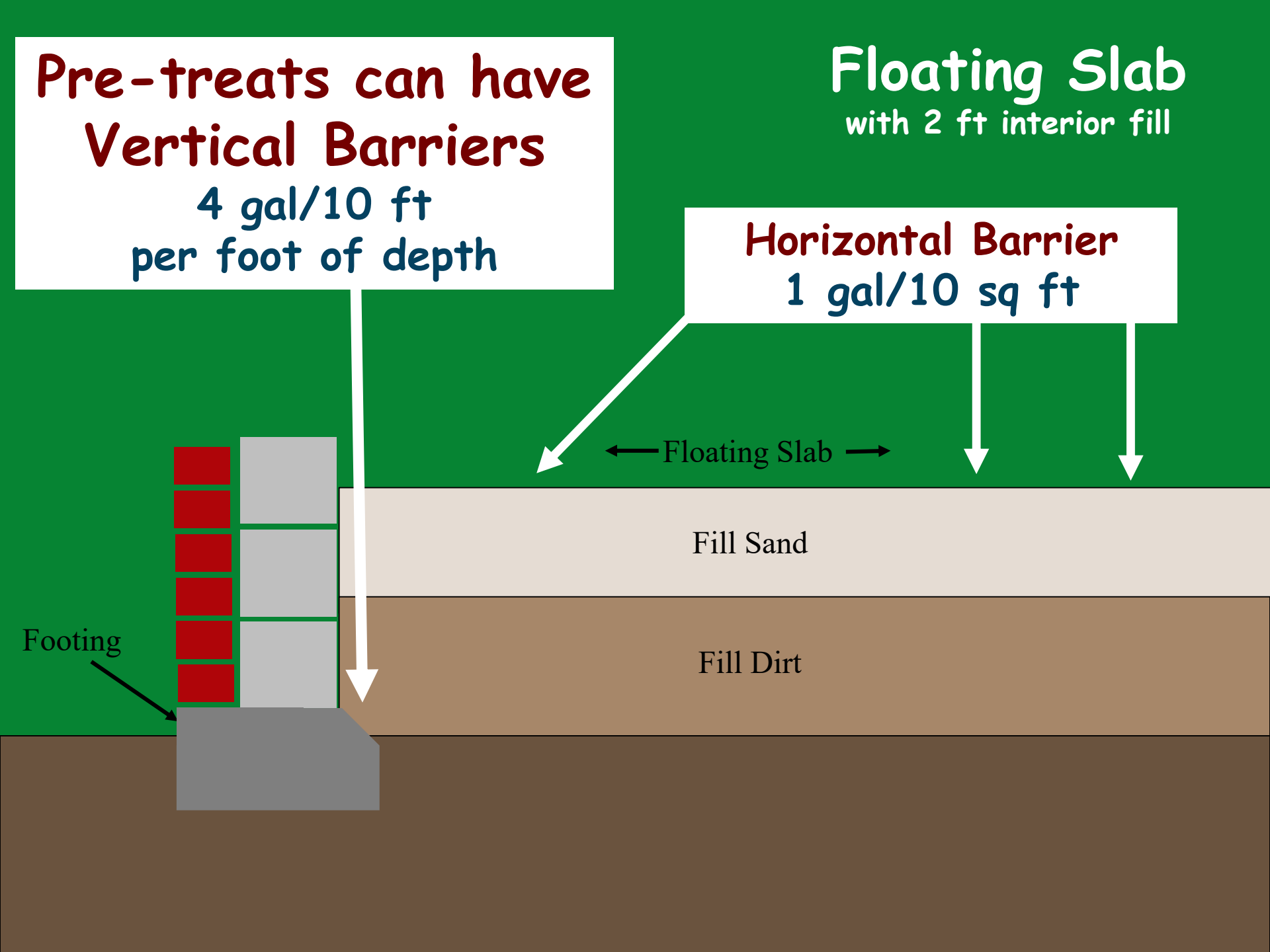
4} **What product are you using?**
- Termidor SC or Termidor HP II?
- Premise or Altriset?

Read the label!

Read the right part of the label!

Horizontal vs Vertical


Vertical Barrier
Horizontal Barrier
stud
base plate
Concrete
soil
Monolithic Slab


Pre-treats can have
Vertical Barriers
4 gal/10 ft
per foot of depth
Floating Slab
with 2 ft interior fill
Horizontal Barrier
1 gal/10 sq ft
Floating Slab
Fill Sand
Fill Dirt
Footing

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs**)	1 gal/sq ft**

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

** PP = Penetration Point

** varies with product label and situation

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs**)	1 gal/sq ft

Per Foot Of depth

Up to 4 feet

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs**)	1 gal/sq ft

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

12 inch
Drill spacing

MS State Regs = 24 inches
Termidor SC = 12 inches
Some others = 16 inches
Some say: "continuous barrier"
Others say: "treat all voids"

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs**)	1 gal/sq ft

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

12 inch
Drill spacing

MS State Regs = 24 inches
Termidor SC = 12 inches
Some others = 18 inches
Some say: "continuous barrier"

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs)	4 gal/10 ft

So for 280 linear ft:

4 gal/10 ft

280/10 = 28 10 linear foot sections

28 x 4 = 112 gals

Basic Numbers

Situation	Required Volume
Horizontal Barrier	1 gal/10 sq ft *
Vertical Barrier	4 gal/10 ft (per ft depth)
Masonry voids	2 gal/10 ft
Expansion Joints & Cracks	4 gal/10 ft
Critical Areas (PPs)	4 gal/10 ft

So for 280 linear ft:

4 gal/10 ft
280/10 = 28
28 x 4 = 112 gals

Or
Easier

0.4 gal/ft
280 x 0.4 = 112 gals

Basic Numbers

Situation	Required Volume	X Factor
Horizontal Barrier	1 gal/10 sq ft *	0.1 gal/sq ft
Vertical Barrier	4 gal/10 ft (per ft depth)	0.4 gal/ft
Masonry voids	2 gal/10 ft	0.2 gal/ft
Expansion Joints & Cracks	4 gal/10 ft	0.4 gal/ft
Critical Areas (PPs)	4 gal/10 ft	0.4 gal/ft

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

Basic Numbers

Situation	Say these: Required Volume	but Think these: X Factor
Horizontal Barrier	1 gal/10 sq ft *	0.1 gal/sq ft
Vertical Barrier	4 gal/10 ft (per ft depth)	0.4 gal/ft
Masonry voids	2 gal/10 ft	0.2 gal/ft
Expansion Joints & Cracks	4 gal/10 ft	0.4 gal/ft
Critical Areas (PPs)	4 gal/10 ft	0.4 gal/ft

* 1 gal/10 sq ft = sand, 1.5 gal/10 sq. ft = gravel

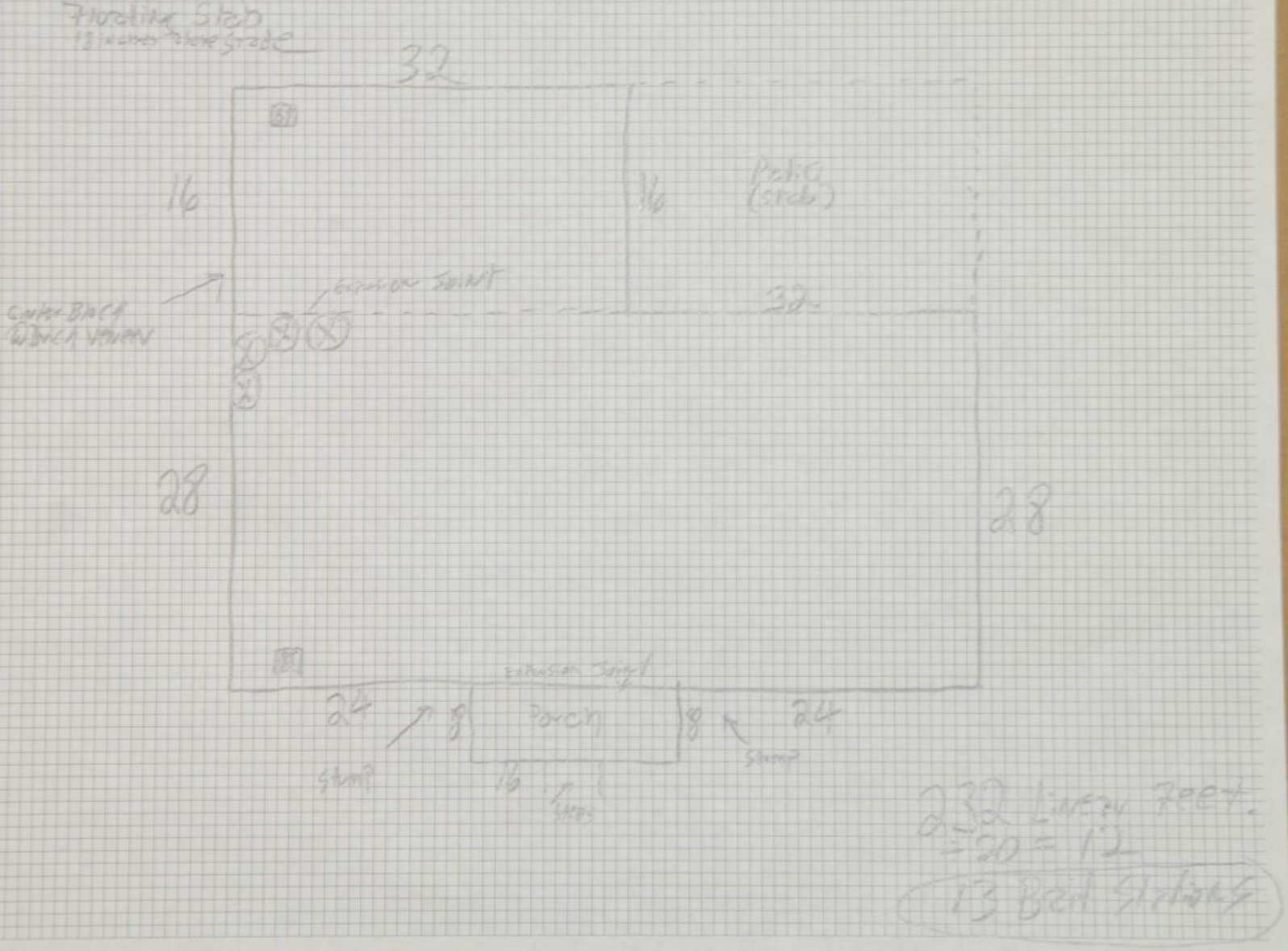
Read the label!

Monolithic Slab

(How many square feet?)

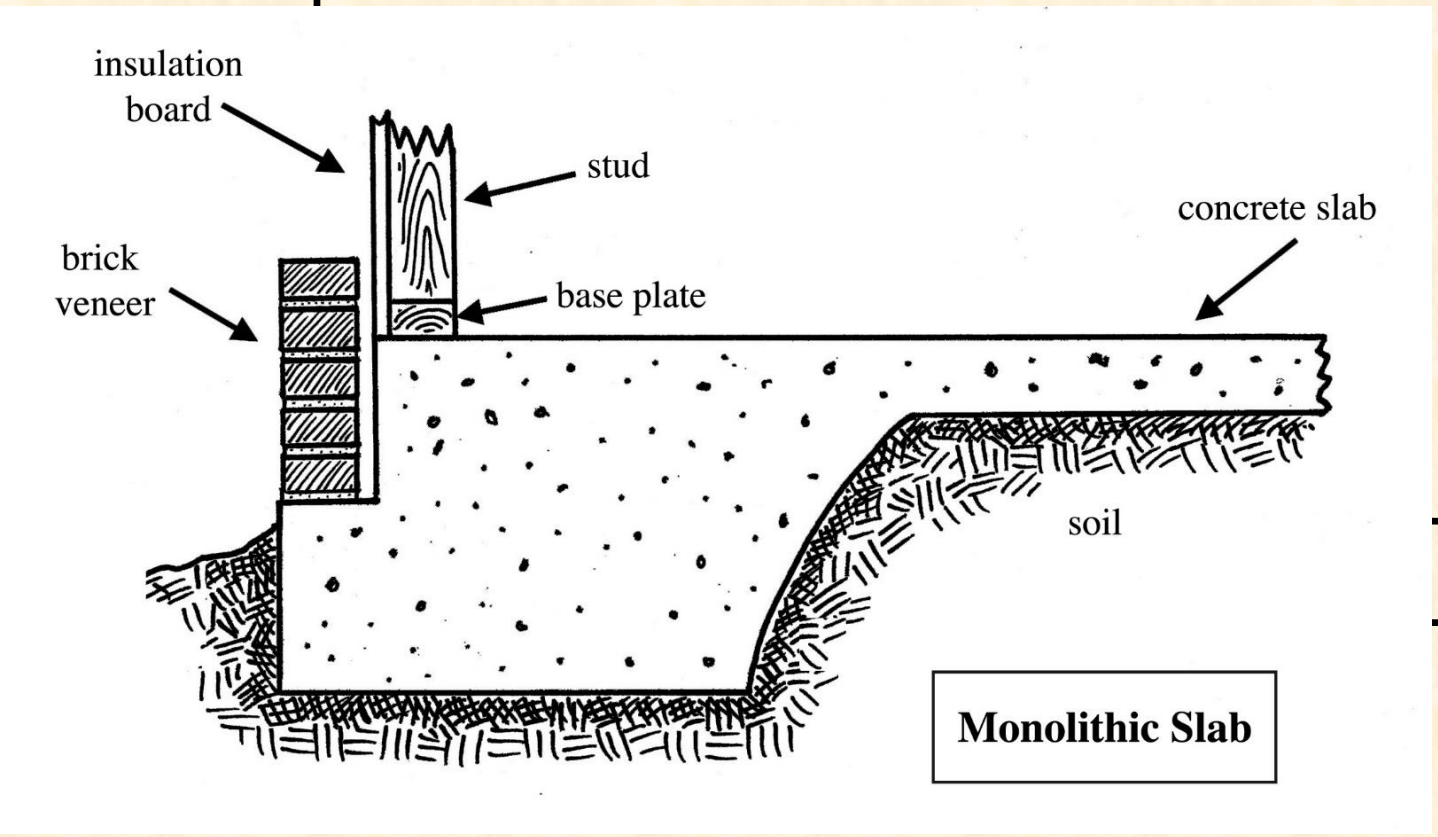
(no joint here)

Porch --


Floating Slab
12 inches thick
32
16
16
Patio
(slab)
Control Joint
Control Block
Wall Vertical
32
28
28
Expansion Joint
24
8
Porch
8
24
Steps
Steps
16
232 Linear Feet.
÷20 = 12
13 Bent Sections

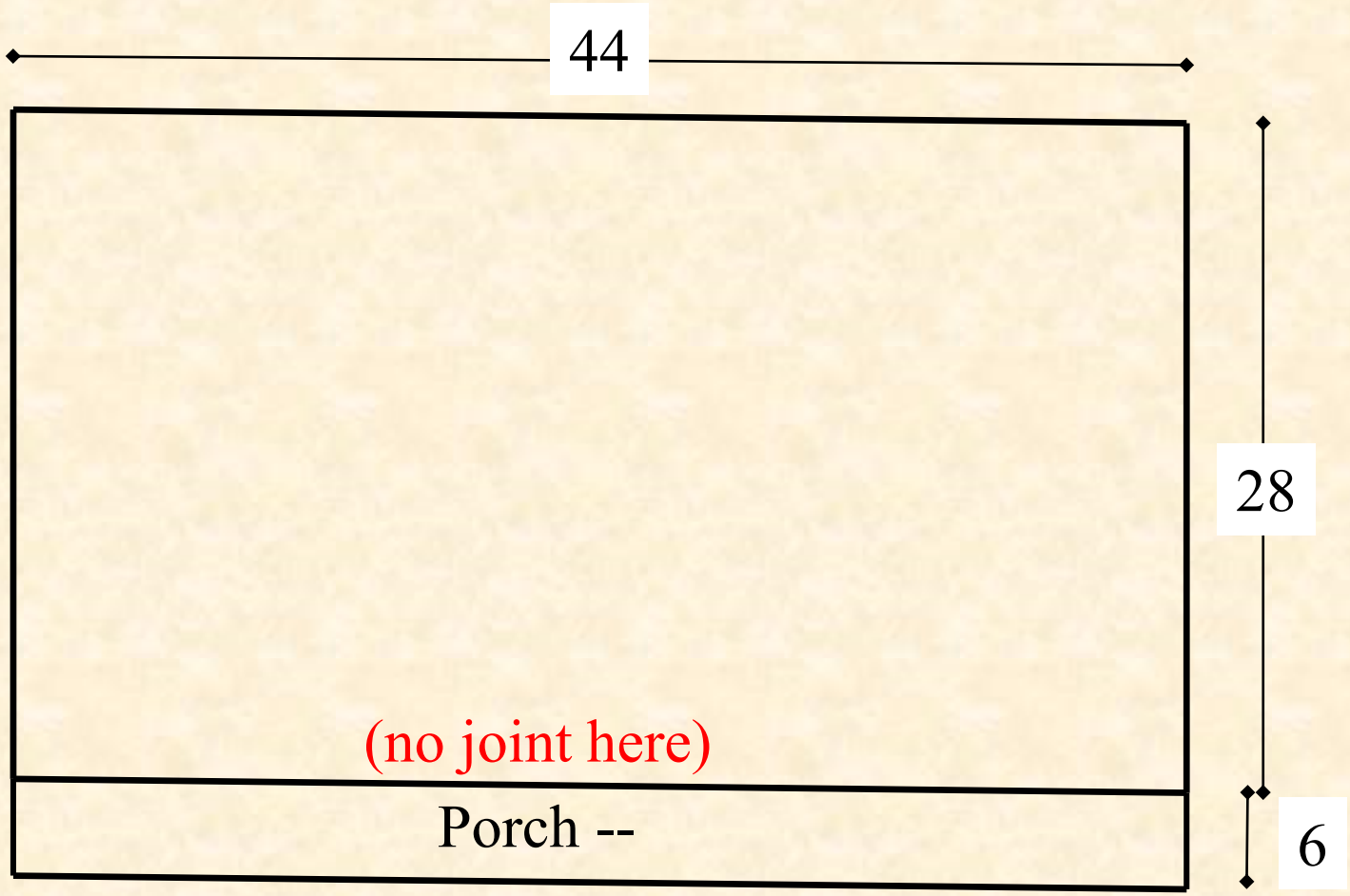
Monolithic Slab

(How many square feet?)



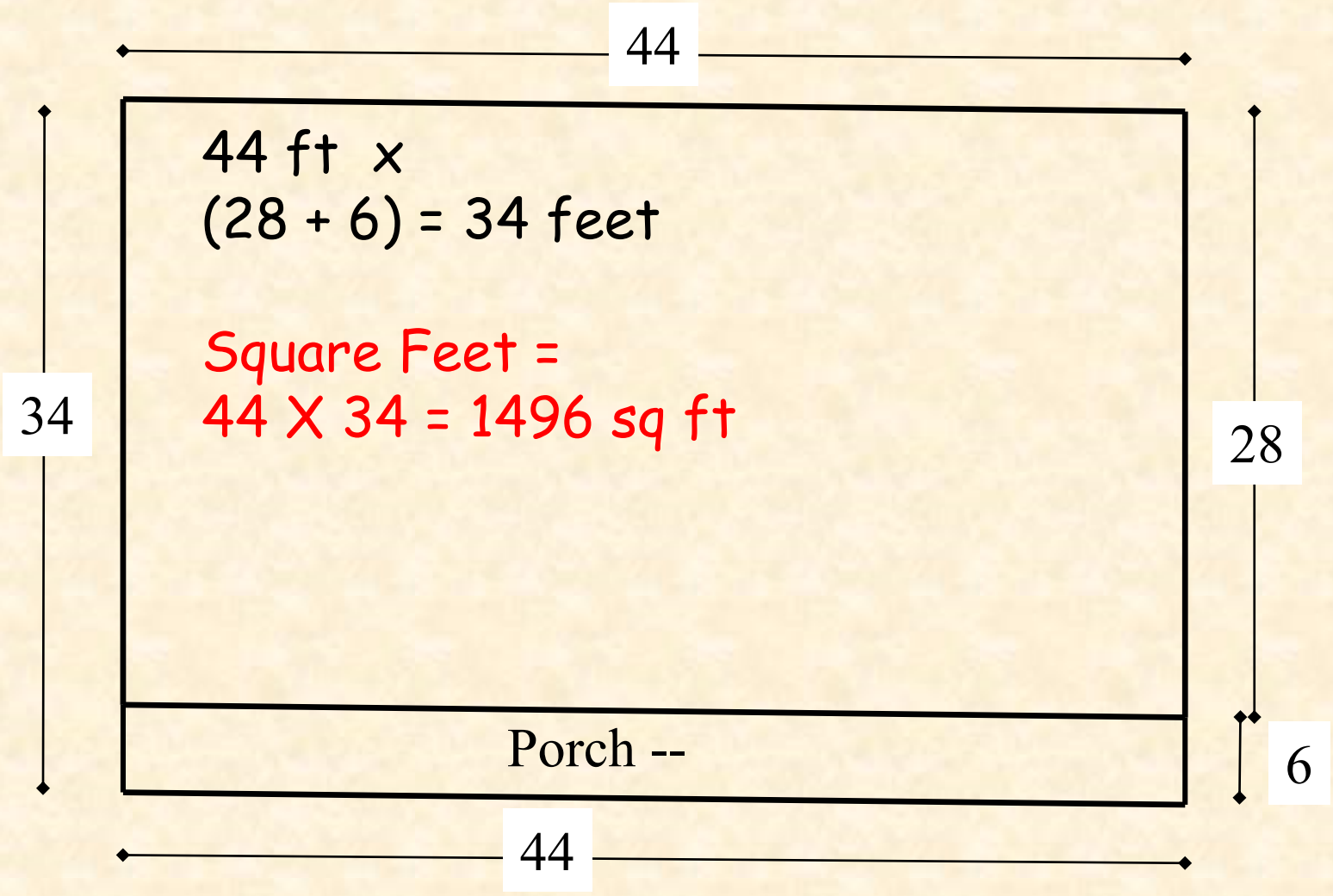
Monolithic Slab

(How many square feet?)



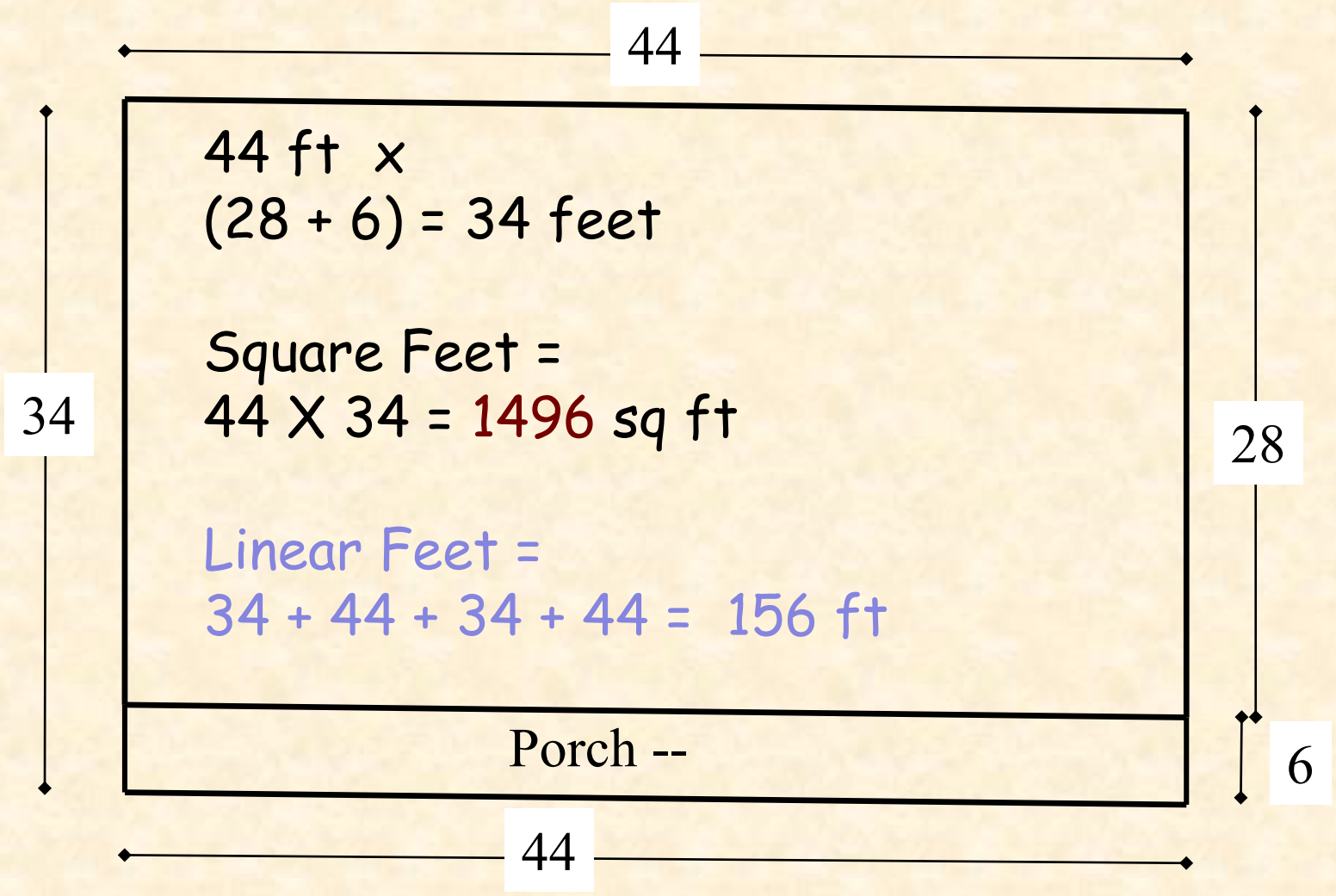
Monolithic Slab

(How many square feet?)

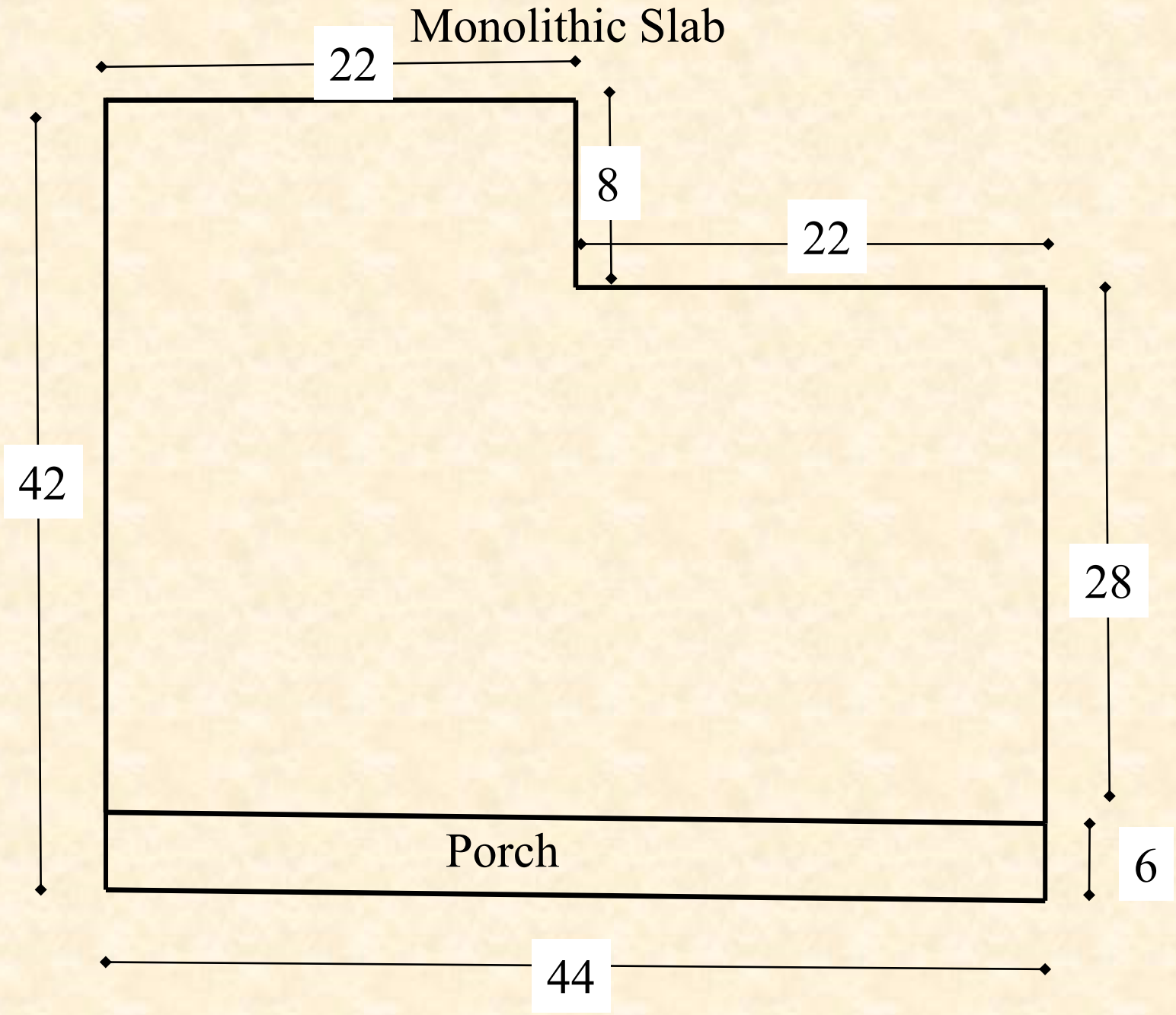


Monolithic Slab

(How many linear feet?)

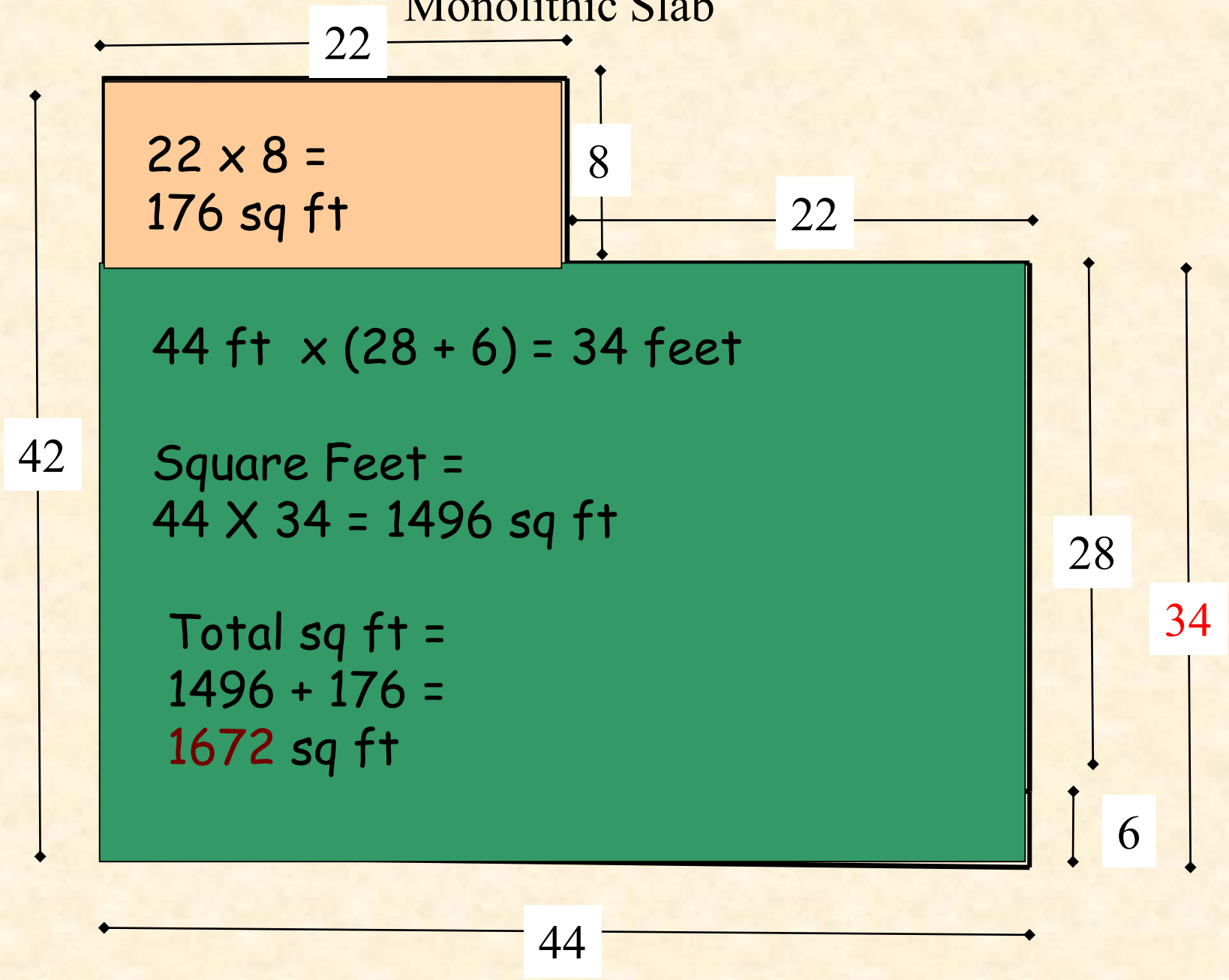


Case 1:



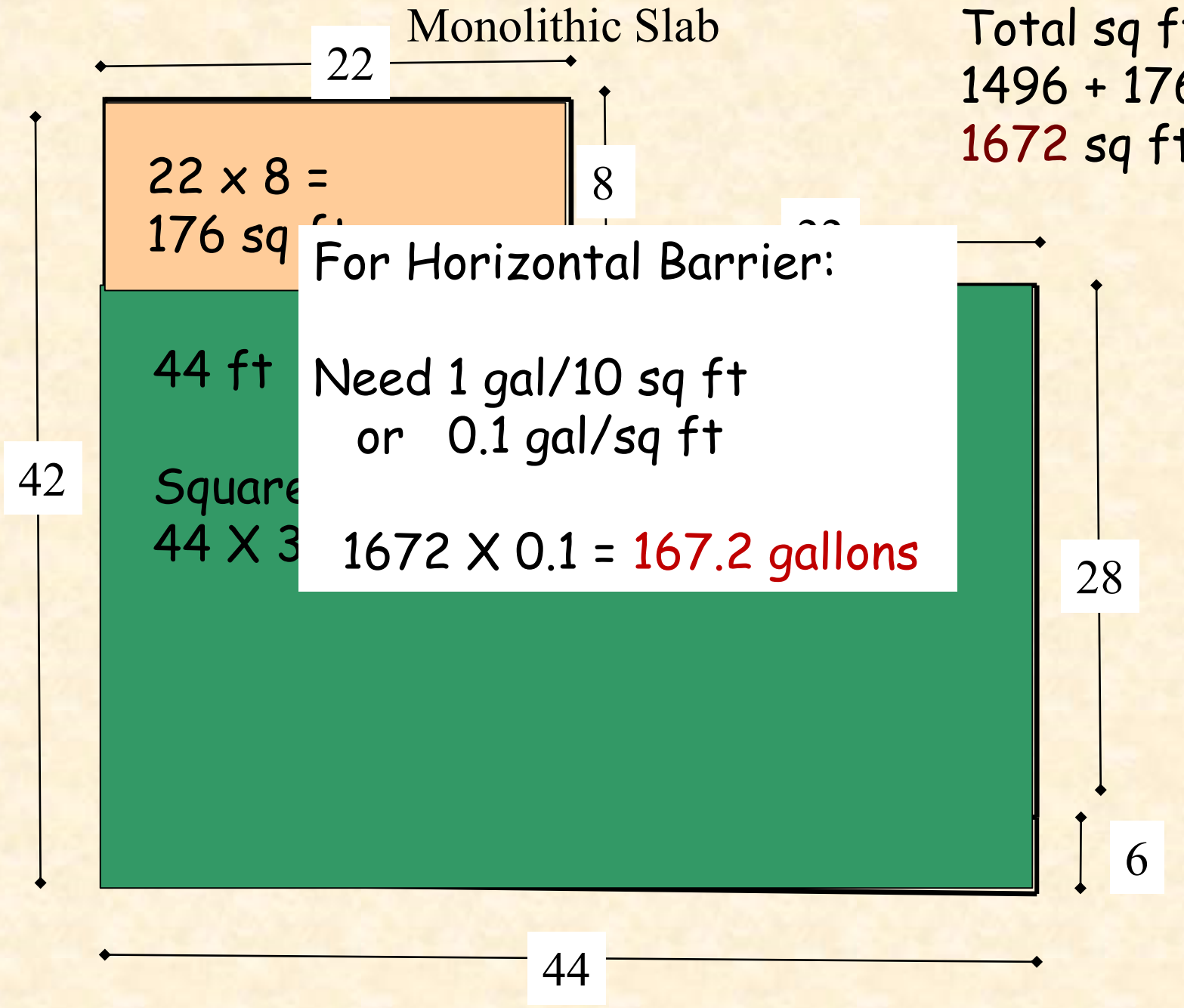
Case 1:

Monolithic Slab



Case 1:

Monolithic Slab



Total sq ft =
1496 + 176 =
1672 sq ft

For Horizontal Barrier:

Need 1 gal/10 sq ft
or 0.1 gal/sq ft

1672 X 0.1 = 167.2 gallons

You need these numbers for two reasons:

1} So you know what to do

How much termiticide to mix and apply?)

2} So you can record what you did

(How much termiticide did you apply and where?)

(A record that the job was completed, correctly)

Pest control company name: _____Bug Whompers_____ City: _____Sparta_____ State: _____MS____

BUREAU OF PLANT INDUSTRY

TECHNICIAN WORK SHEET FOR CALCULATING TERMITICIDE APPLICATION

THE APPLICABLE INFORMATION REQUESTED ON THIS FORM IS REQUIRED BY REGULATIONS TO BE MAINTAINED IN COMPANY FILES AND MADE AVAILABLE FOR EXAMINATION BY EMPLOYEES OF THE BUREAU OF PLANT INDUSTRY DURING REASONABLE BUSINESS HOURS

Date of application: _____4-12-19_____ Date form completed: _____4-12-19_____ Type of structure: X Residential □ Commercial

Type of treatment: X Pretreat (Except outside foundation perimeter treatment) □ Pretreat (Outside foundation perimeter treatment only)
□ Post construction (conventional treatment) □ Post construction (Exterior Perimeter/Limited Interior treatment) □ Spot
□ Retreat (Current contract with consumer and evidence of live termites)

Property owner's name: _____Terry Mitze_____ Street address/Lot number: _____123 Retic Lane_____
City: _____Bugville_____ State: ____MS__ Zip: _____39110_____ Phone: _____BR-549_____
Brand name and formulation of termiticide applied: _____BaseLine_____
EPA registration number of termiticide applied: ___279-3177_____ Percentage applied: _____0.06%_____
Type of construction:
□ Floating slab □ Supported slab X Monolithic slab □ Crawl □ Basement □ Combination □ Other _____
Type of foundation:
X Concrete □ Hollow block □ Single brick □ Double brick □ Hollow block w/brick veneer □ Piers only
Exterior walls:
□ Brick or stone □ Wood □ Shingle □ Stucco □ Hollow block □ Pressed board siding □ Vinyl siding □ Cement siding □ Steel
Type of fill:
X Sand □ Soil □ Gravel/crushed stone □ Other _____

1. Square feet of horizontal barrier to treat ____1672___ x 0.1 (Sand) or 0.15 (Gravel*) or 0.2 (Gravel*) = _____167.2___ ___ gallons
Pretreatment footings _____ square feet x 0.1 = _____ gallons (* Use % and rate specified on MS 24c label if applicable)
2a. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 1 (footing depth @ 1 foot) = _____ gallons
2b. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 2 (footing depth @ 2 feet) = _____ gallons
2c. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 3 (footing depth @ 3 feet) = _____ gallons
2d. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons
3. Linear feet inside of masonry voids _____ x 0.2 = _____ gallons
4a Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 1 (footing depth @ 1 foot) = _____ gallons
4b Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 2 (footing depth @ 2 feet) = _____ gallons
4c Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 3 (footing depth @ 3 feet) = _____ gallons
4d Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons
5. Linear feet of expansion joints _____ x 0.4 = _____ gallons
6. Linear feet of critical areas _____ x 0.4 = _____ gallons
7. Number of piers _____ Size of piers _____ A. Linear feet outside piers _____ x 0.4 = _____ gallons
B. Linear feet inside voids _____ x 0.2 = _____ gallons

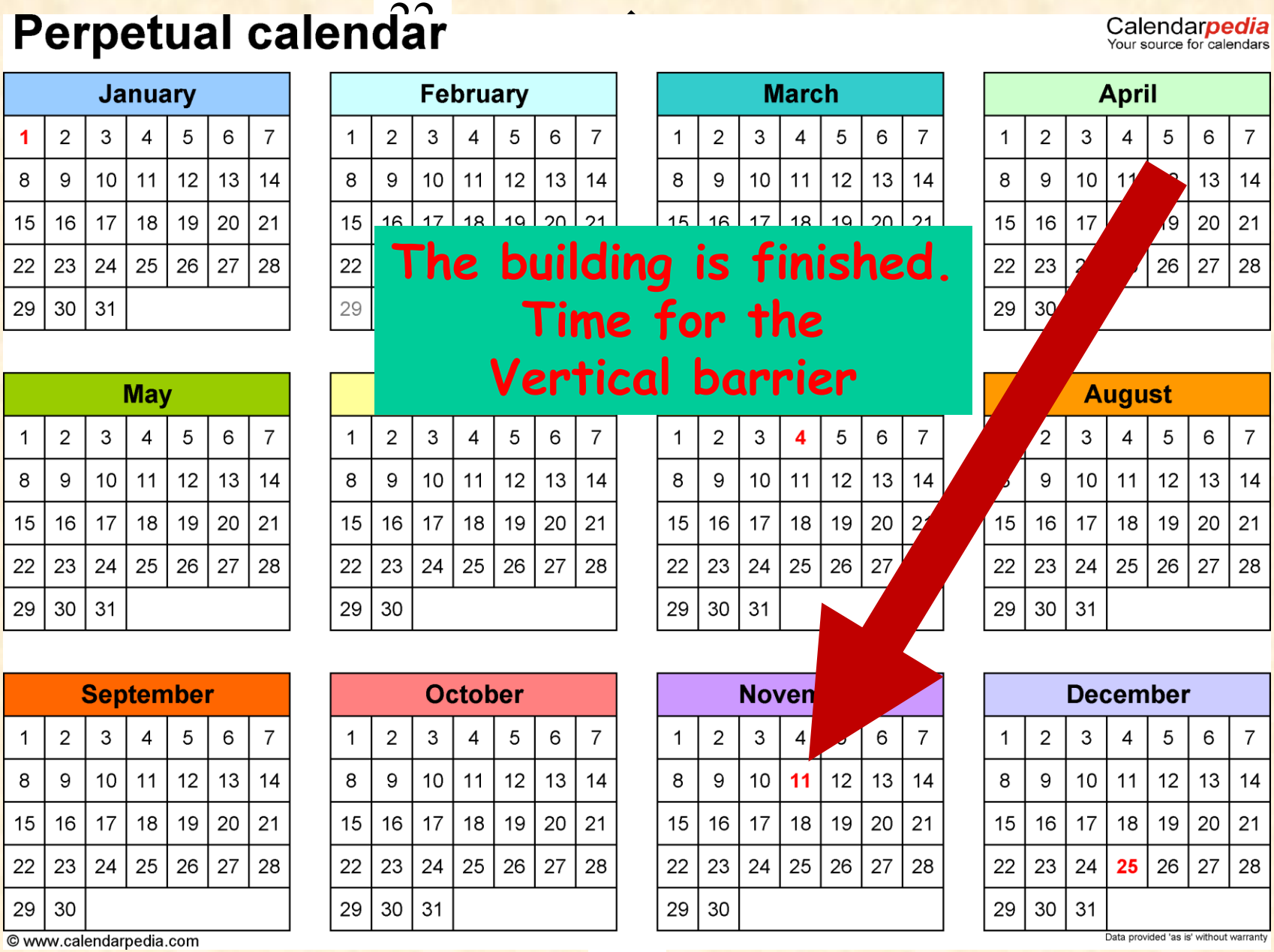
……..
……

Total gallons of dilute termiticide applied: ____175_____

Total gallons of termiticide concentrate applied: ____1.75 quarts (0.44 gallons)

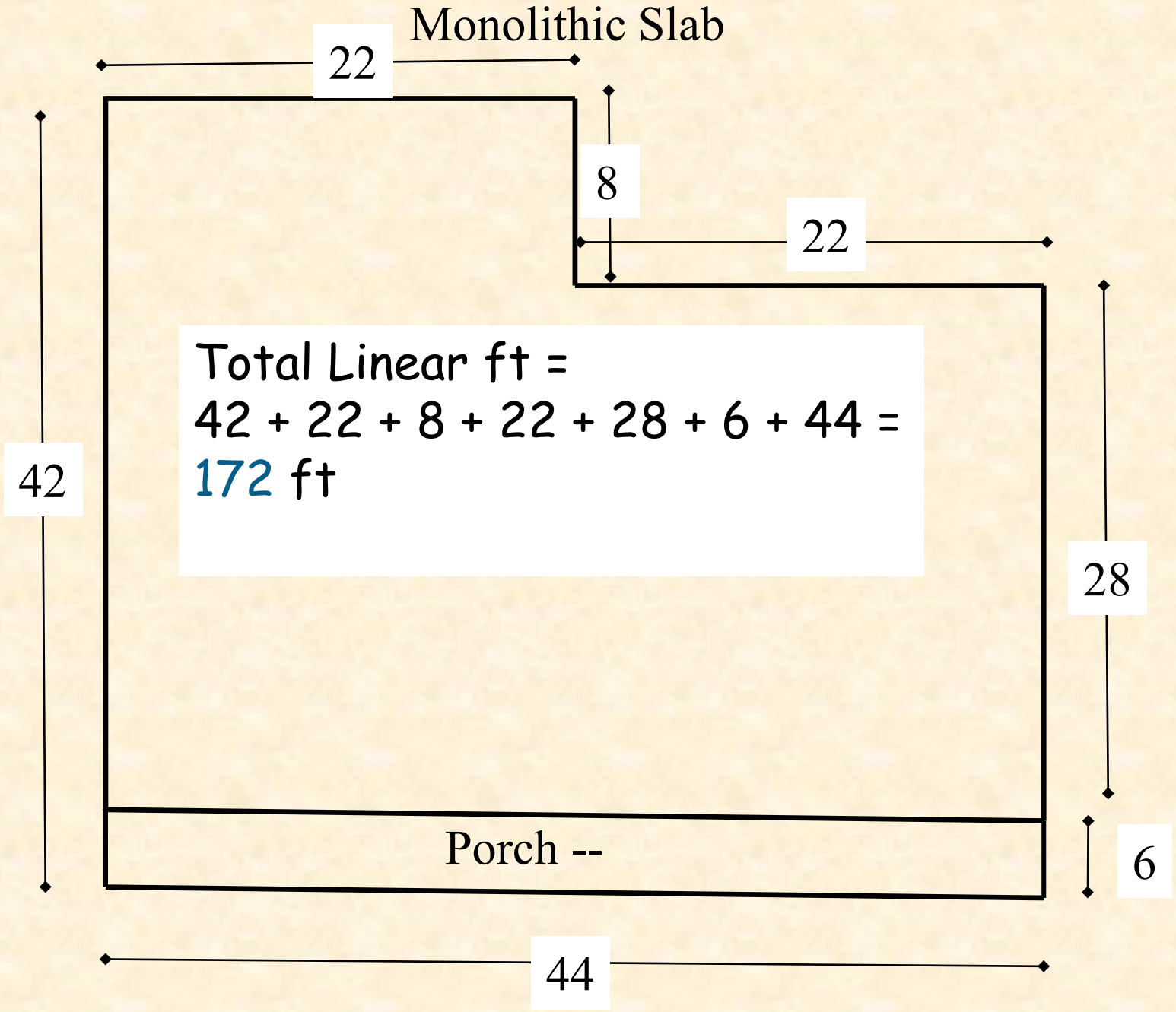
Case 1:

Monolithic Slab



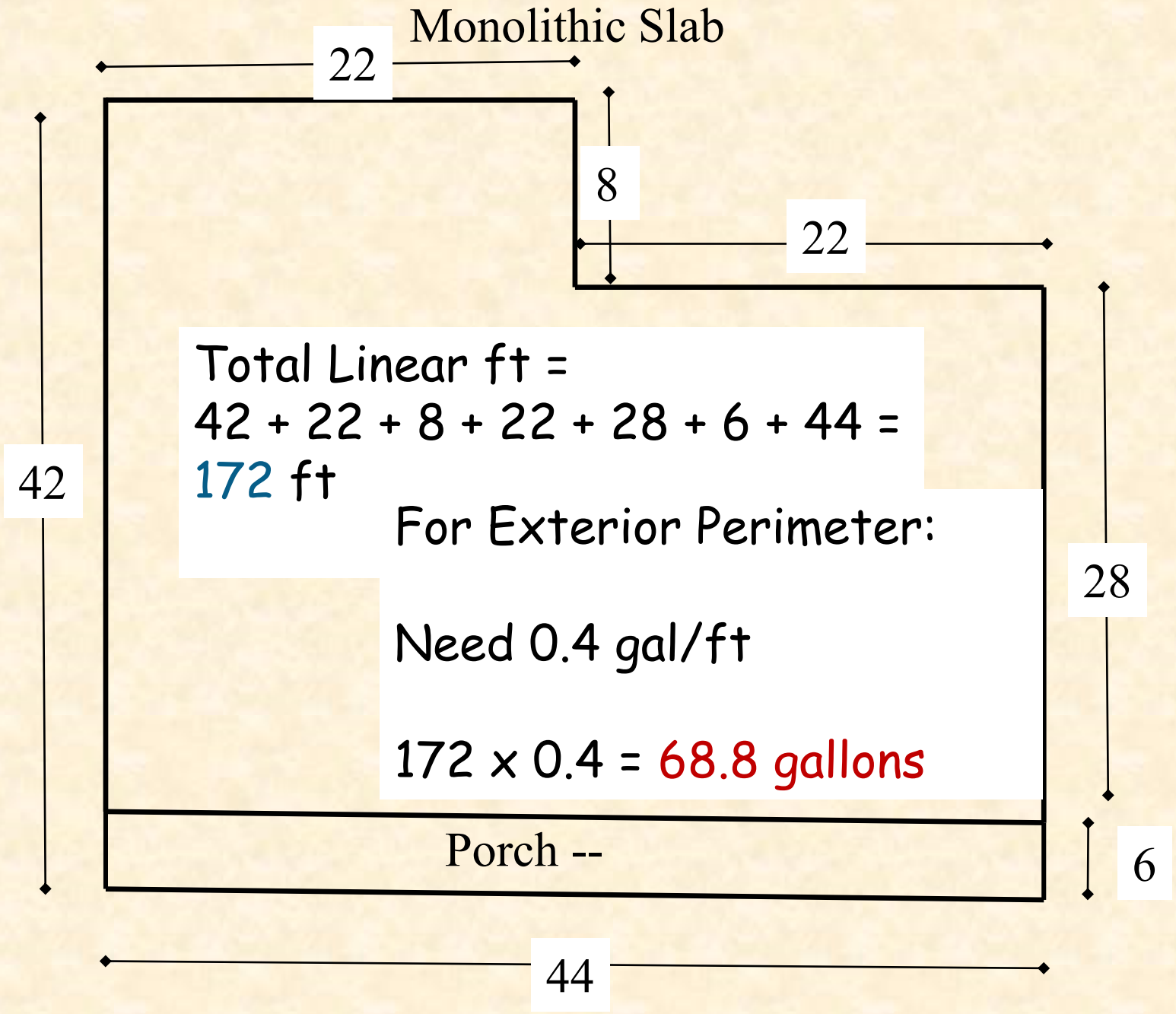
Case 1:

Monolithic Slab



Total Linear ft =
42 + 22 + 8 + 22 + 28 + 6 + 44 =
172 ft

Case 1:


Monolithic Slab
22
8
22
42
28
Total Linear ft =
42 + 22 + 8 + 22 + 28 + 6 + 44 =
172 ft
For Exterior Perimeter:
Need 0.4 gal/ft
172 x 0.4 = 68.8 gallons
Porch --
6
44

Pest control company name: _____Bug Whompers_____ City: _____Sparta_____ State: _____MS____

BUREAU OF PLANT INDUSTRY

TECHNICIAN WORK SHEET FOR CALCULATING TERMITICIDE APPLICATION

THE APPLICABLE INFORMATION REQUESTED ON THIS FORM IS REQUIRED BY REGULATIONS TO BE MAINTAINED IN COMPANY FILES AND MADE AVAILABLE FOR EXAMINATION BY EMPLOYEES OF THE BUREAU OF PLANT INDUSTRY DURING REASONABLE BUSINESS HOURS

Date of application: _____11-11-19_____ Date form completed: _____11-11-19_____ Type of structure: X Residential □ Commercial

Type of treatment: Pretreat (Except outside foundation perimeter treatment) X Pretreat (Outside foundation perimeter treatment only)
□ Post construction (conventional treatment) □ Post construction (Exterior Perimeter/Limited Interior treatment) □ Spot
□ Retreat (Current contract with consumer and evidence of live termites)

Property owner's name: _____Terry Mitze_____ Street address/Lot number: _____123 Retic Lane_____
City: _____Bugville_____ State: ____MS__ Zip: _____39110_____ Phone: _____BR-549_____
Brand name and formulation of termiticide applied: _____Termidor SC_____
EPA registration number of termiticide applied: ___7969-210_____ Percentage applied: _____0.06%_____
Type of construction:
□ Floating slab □ Supported slab X Monolithic slab □ Crawl □ Basement □ Combination □ Other _____
Type of foundation:
X Concrete □ Hollow block □ Single brick □ Double brick □ Hollow block w/brick veneer □ Piers only
Exterior walls:
X Brick or stone □ Wood □ Shingle □ Stucco □ Hollow block □ Pressed board siding □ Vinyl siding □ Cement siding □ Steel
Type of fill:
_ Sand □ Soil □ Gravel/crushed stone □ Other _____

1. Square feet of horizontal barrier to treat _____ x 0.1 (Sand) or 0.15 (Gravel*) or 0.2 (Gravel*) = _____ gallons
Pretreatment footings _____ square feet x 0.1 = _____ gallons (* Use % and rate specified on MS 24c label if applicable)
2a. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 1 (footing depth @ 1 foot) = _____ gallons
2b. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 2 (footing depth @ 2 feet) = _____ gallons
2c. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 3 (footing depth @ 3 feet) = _____ gallons
2d. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons
3. Linear feet inside of masonry voids _____ x 0.2 = _____ gallons

4a Linear feet outside foundation wall ____172____ x 0.4 = __68.8____ gallons x 1 (footing depth @ 1 foot) =___68.8____ gallons
4b Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 2 (footing depth @ 2 feet) = _____ gallons
4c Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 3 (footing depth @ 3 feet) = _____ gallons
4d Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons
5. Linear feet of expansion joints _____ x 0.4 = _____ gallons
6. Linear feet of critical areas _____ x 0.4 = _____ gallons
7. Number of piers _____ Size of piers _____ A. Linear feet outside piers _____ x 0.4 = _____ gallons
B. Linear feet inside voids _____ x 0.2 = _____ gallons

……..
……

Total gallons of dilute termiticide applied: ____70_____

Total gallons of termiticide concentrate applied: ____ 56 fl oz (0.44 gallons)

Case 1:

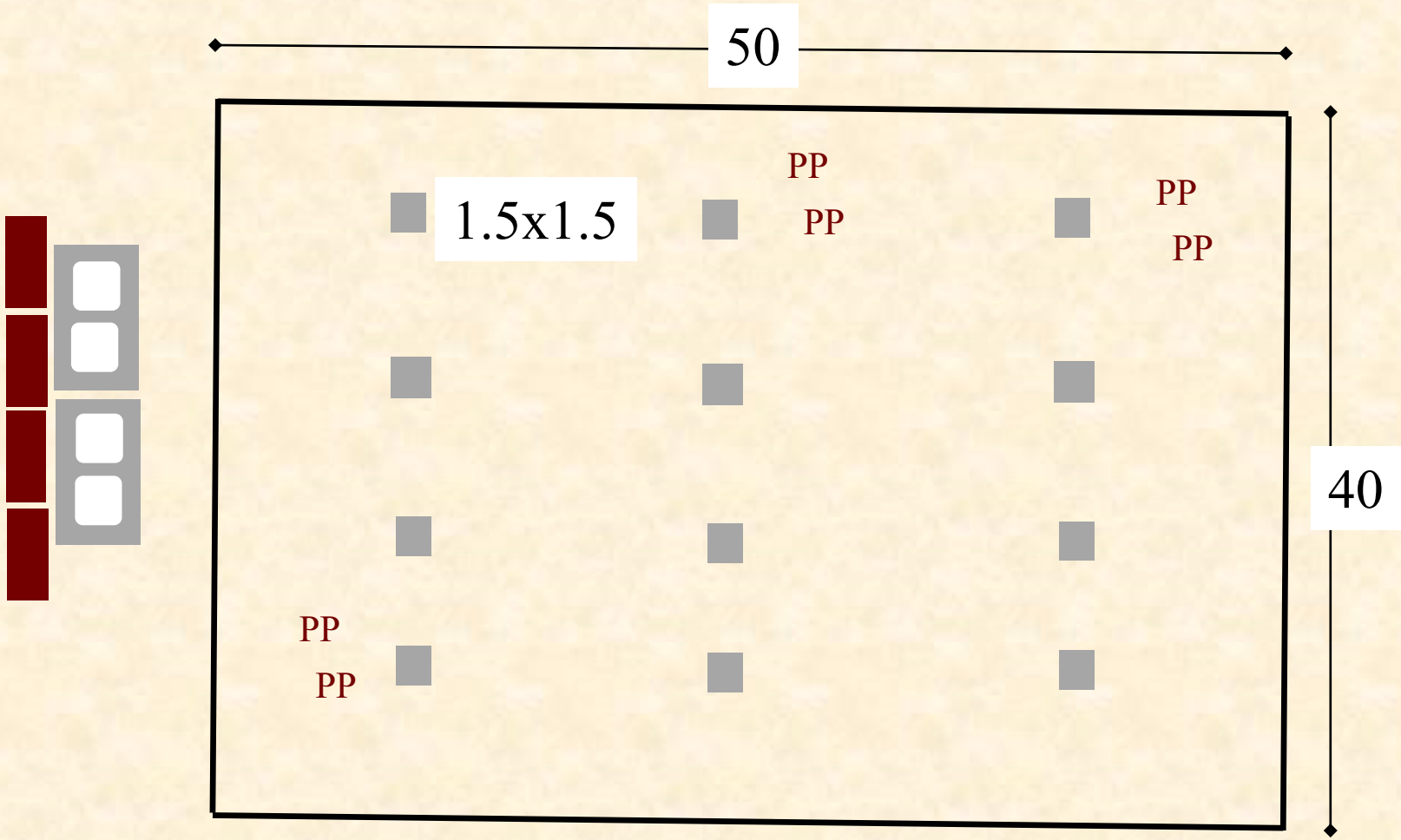

Wonder Workers Pest Control
123 Retic Road
Sparta, MS 39000
662-555-9311
Bugsy Wonder, Licensee
Termite Pretreatment Perimeter Treatment
Applied: _____
Treatment: _____
Do not remove

42

Case 2:

Conventional Foundation

(EP/LI Treatment)



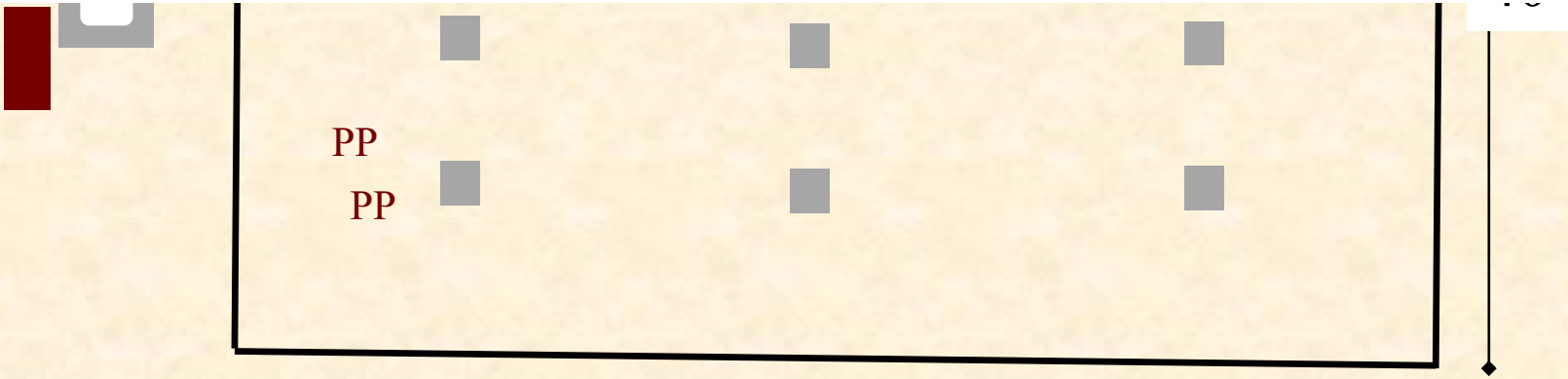
Case 2:

Conventional Foundation

(EP/LI Treatment)

Exterior Perimeter/Limited Interior

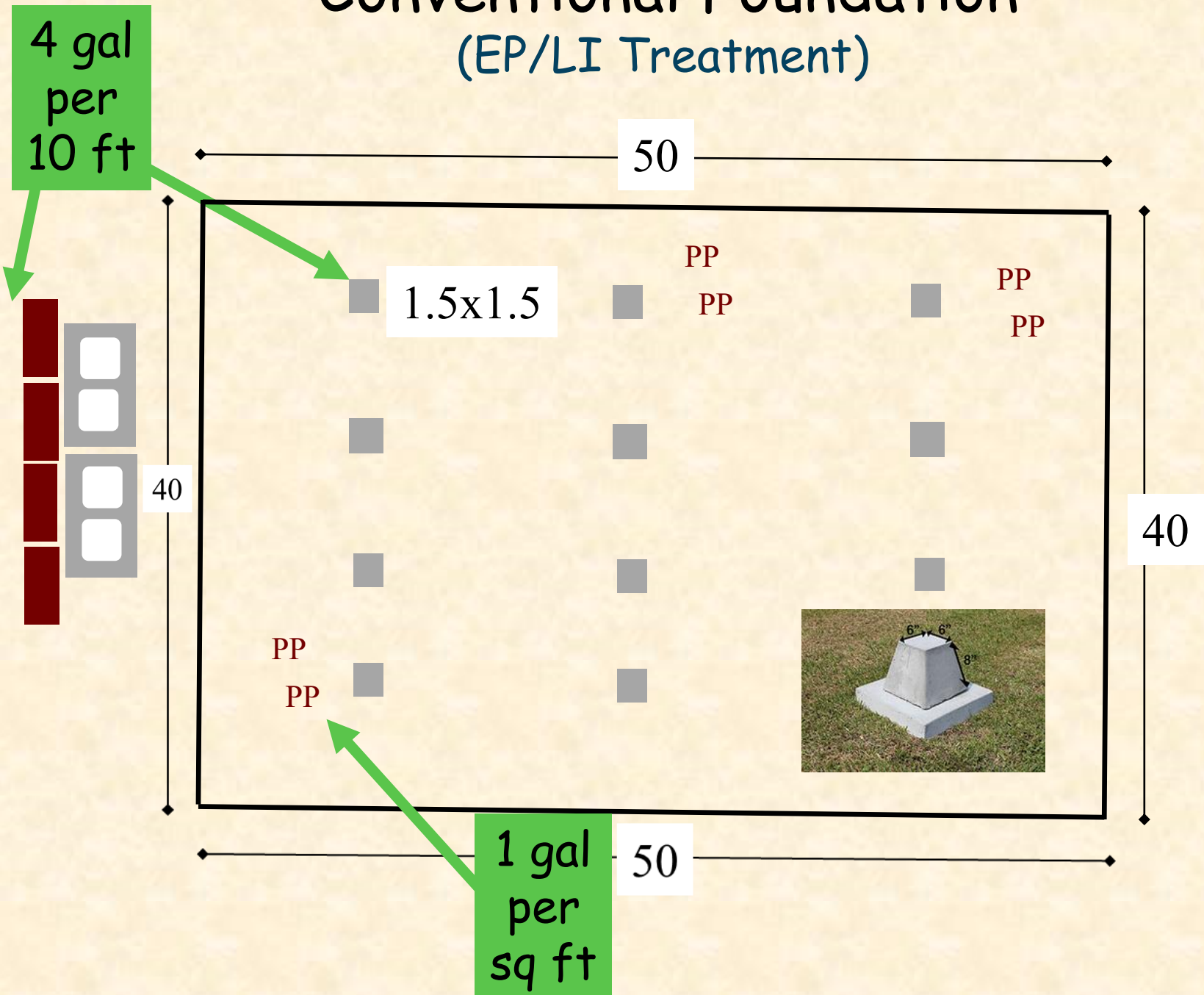
If termite activity is found
apply LI treatment at site of infestation
and at least **2 feet in all directions**
from known termite activity



Case 2:

Conventional Foundation

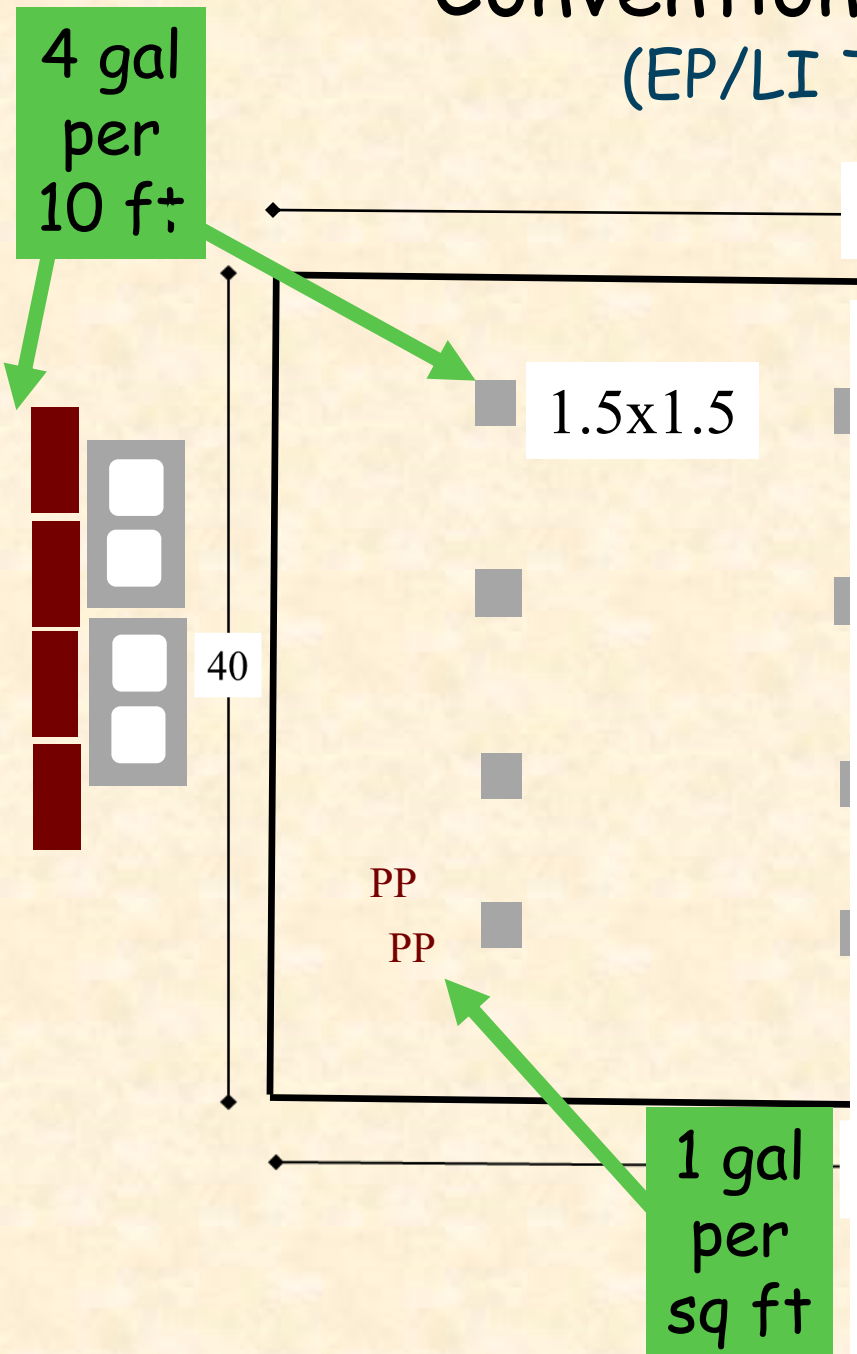
(EP/LI Treatment)



Case 2:

Conventional Foundation

(EP/LI Treatment)



For EP/LI:

Exterior perimeter:
40 + 50 + 40 + 50 = 180 ft @ 0.4 g/ft

Piers:
6 ft/pier x 12 = 72 ft @ 0.4 g/ ft

PP/critical areas:
6 x 1 sq ft each = 6 ft @ 1 gal each

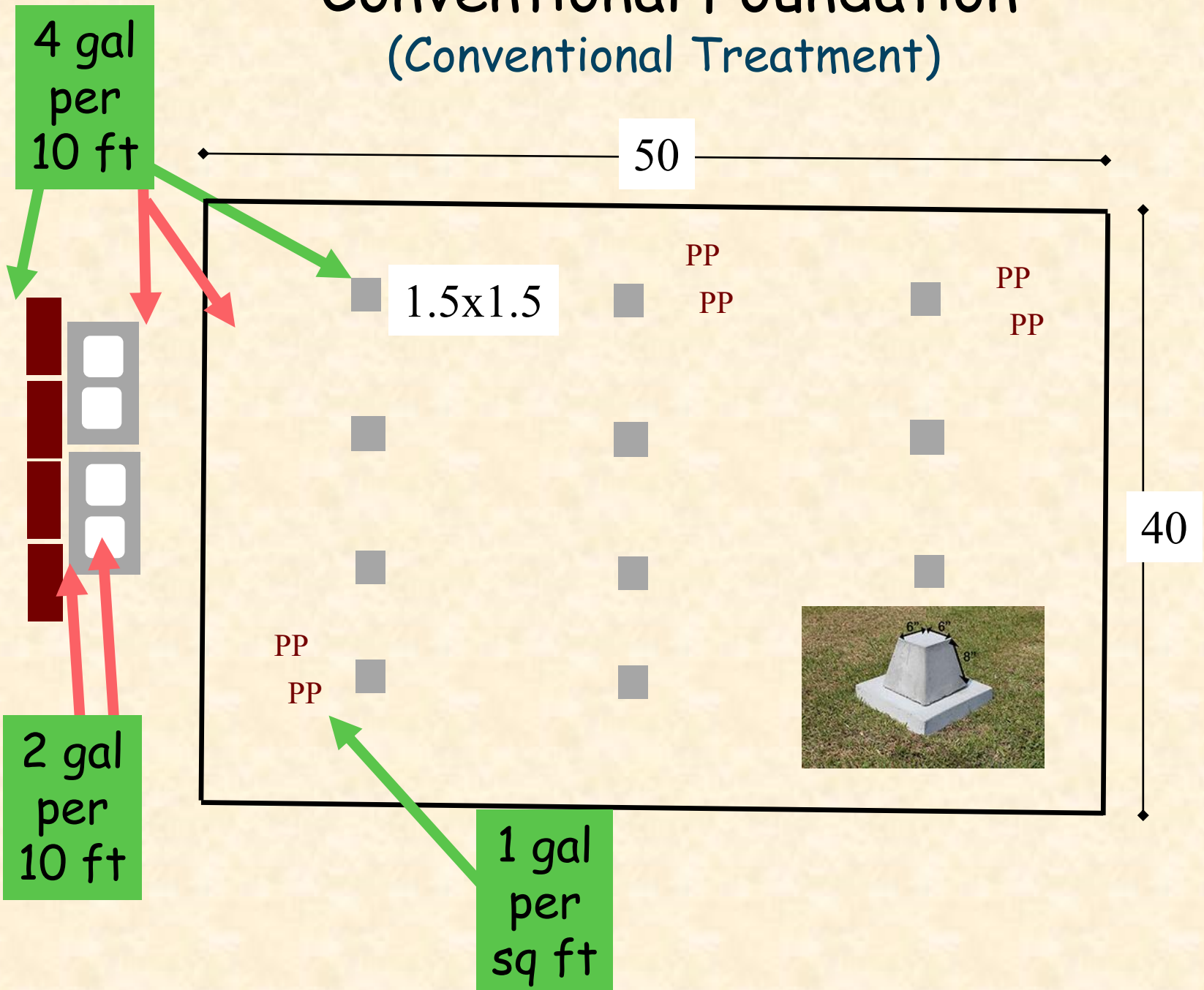
180 ft x 0.4 gal/ft = 72 gal
72 ft x 0.4 gal/ft = 28.8 gal
6 PPs x 1 gal/sq ft = 6 gal

Total = 106.8 gal

Case 3:

Conventional Foundation

(Conventional Treatment)



Case 3:

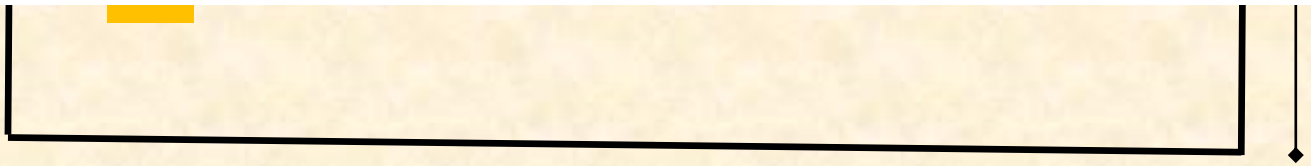
Conventional Foundation

(Conventional Treatment)

For conventional treatment:

Exterior perimeter:	40 + 50 + 40 + 50 = 180 ft @ 0.4/ft	= 72 gal
Piers:	6 ft/pier x 12 = 72 ft @ 0.4/ ft	= 28.8 gal
PP/critical areas:	6 x 1 sq ft each = 6 ft @ 1 gal each	= 6 gal
Interior perimeter:	40 + 50 + 40 + 50 = 180 ft @ 0.4/ ft	= 72 gal
Brick void:	50 + 50 + 40 + 40 = 180 ft @ 0.2/ft	= 36 gal
Block void:	50 + 50 + 40 + 40 = 180 ft @ 0.2/ft	= 36 gal

Total = 250.8 gal

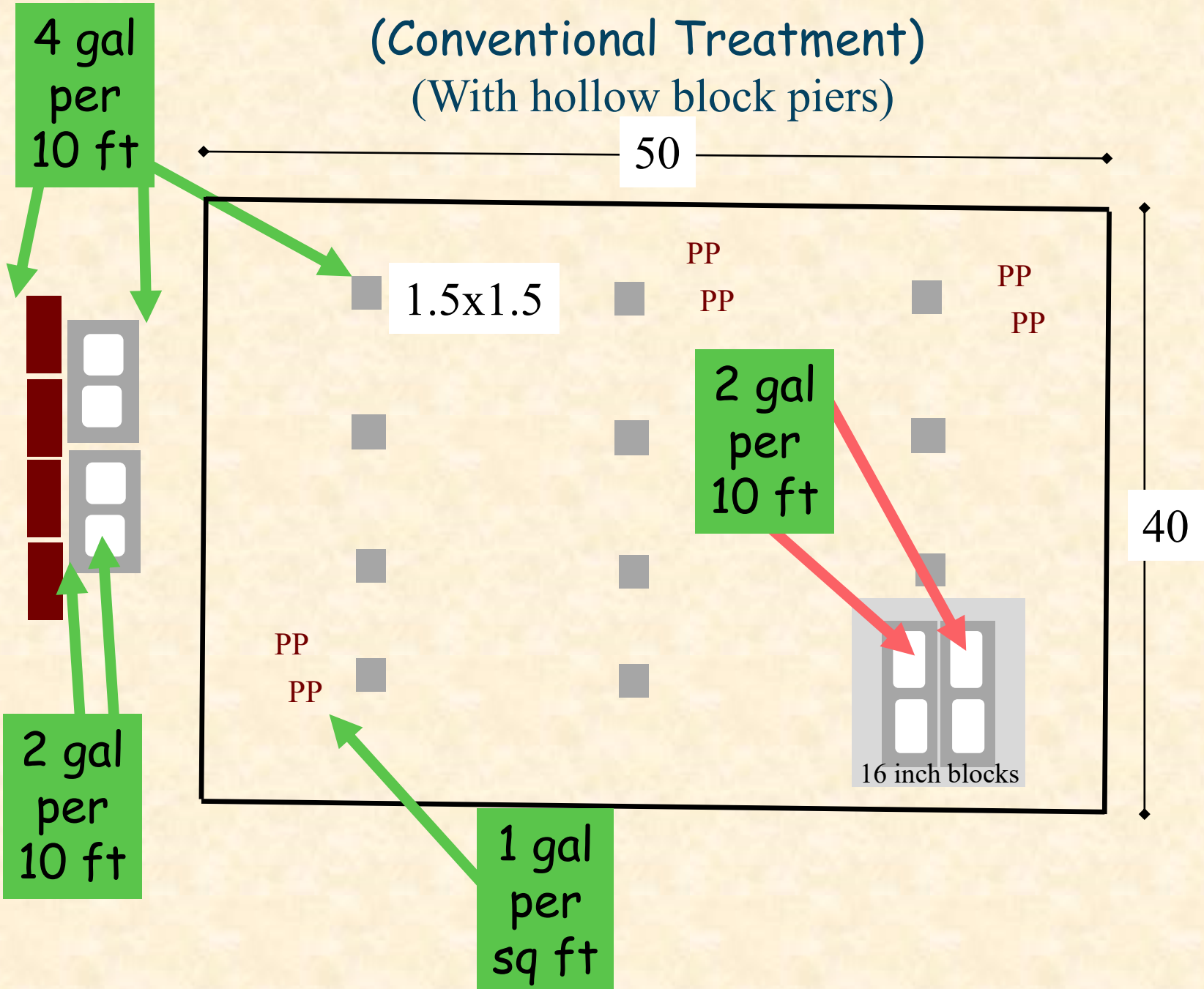


Case 3:

Conventional Foundation

(Conventional Treatment)

(With hollow block piers)



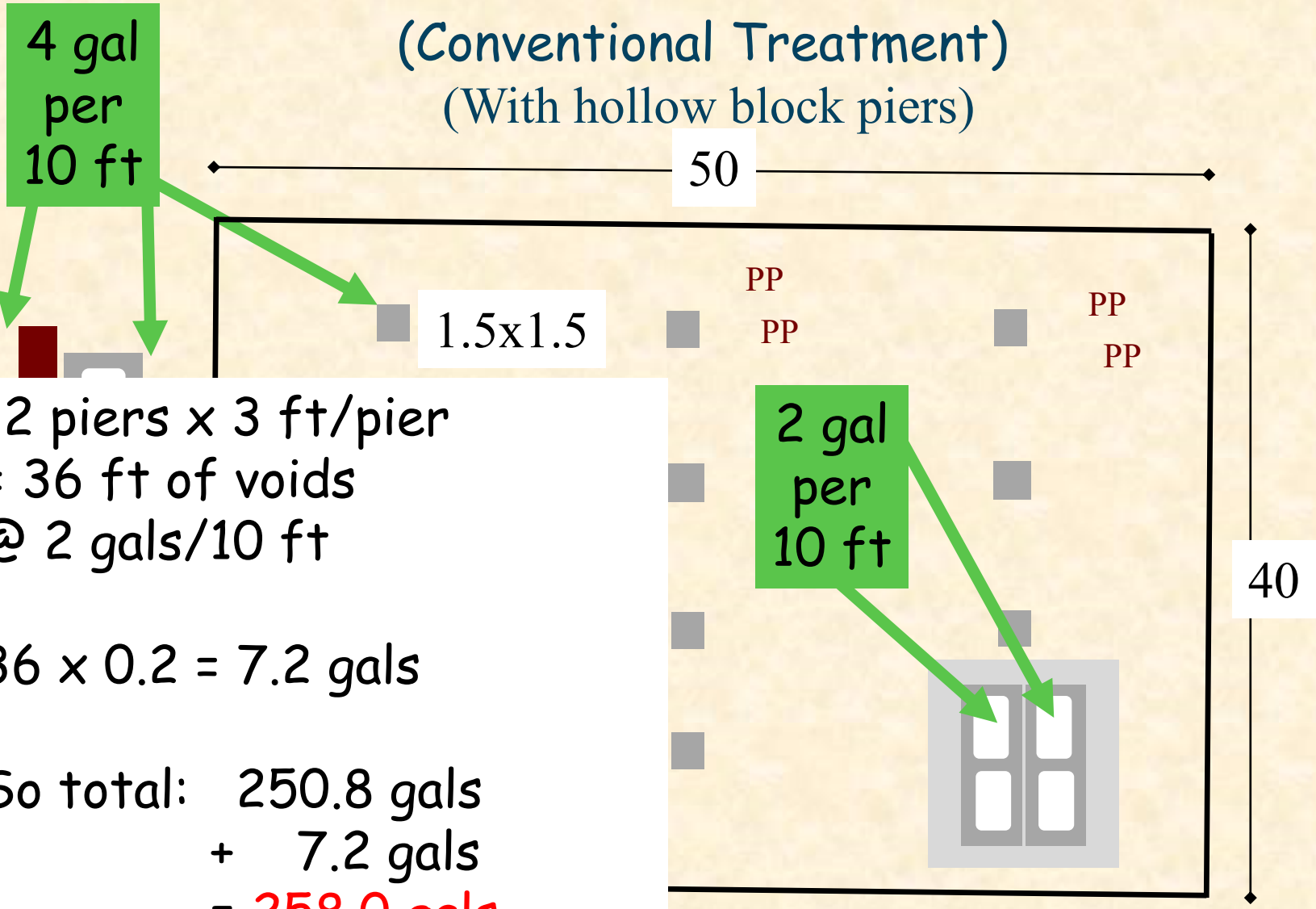
Don't have to drill 'em if they are open at the top

Case 3:

Conventional Foundation

(Conventional Treatment)

(With hollow block piers)



12 piers x 3 ft/pier
= 36 ft of voids
@ 2 gals/10 ft

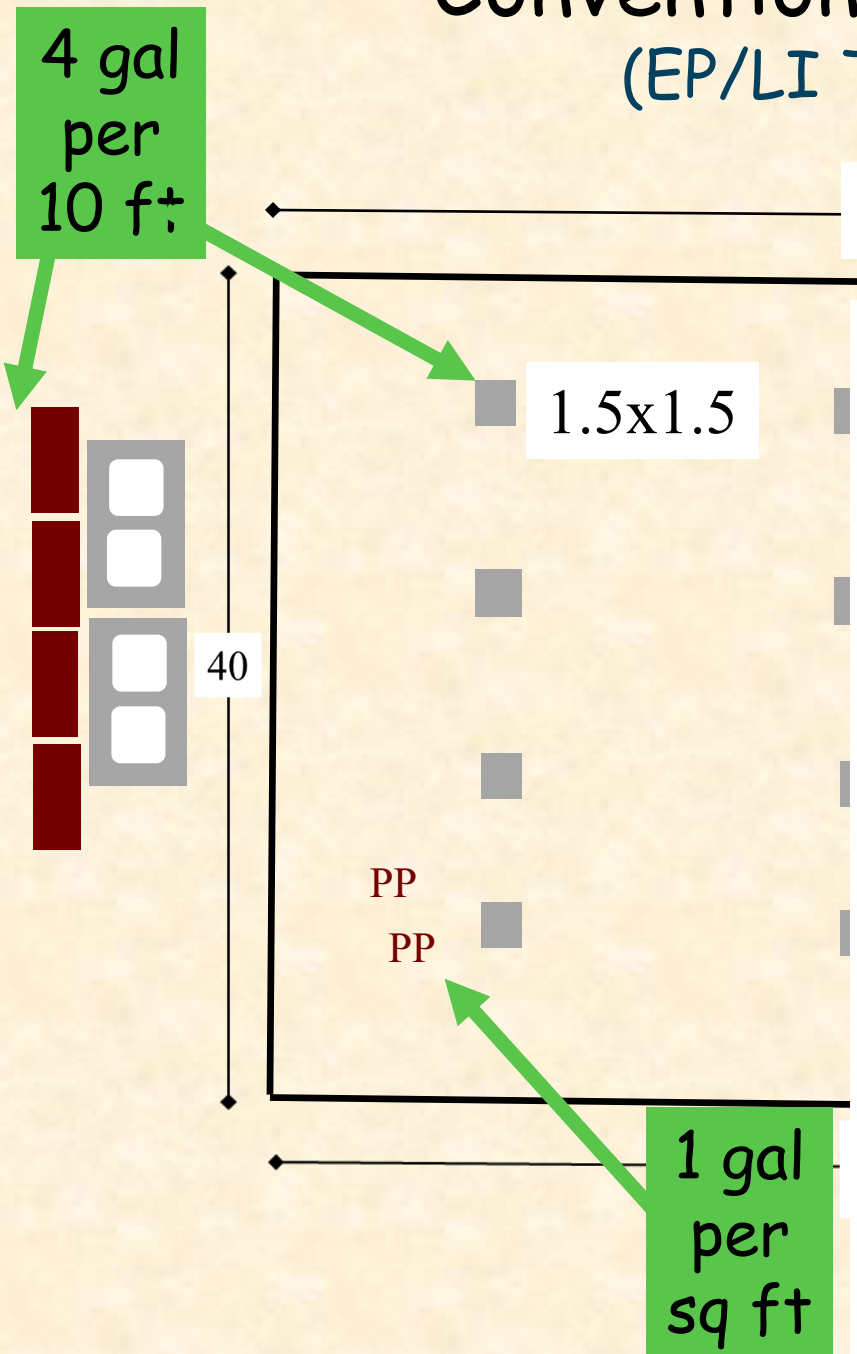
36 x 0.2 = 7.2 gals

So total: 250.8 gals
+ 7.2 gals
= 258.0 gals

Case 2:

Conventional Foundation

(EP/LI Treatment)



For EP/LI:

Exterior perimeter:
40 + 50 + 40 + 50 = 180 ft @ 0.4 g/ft

Piers:
6 ft/pier x 12 = 72 ft @ 0.4 g/ ft

PP/critical areas:
6 x 1 sq ft each = 6 ft @ 1 gal each

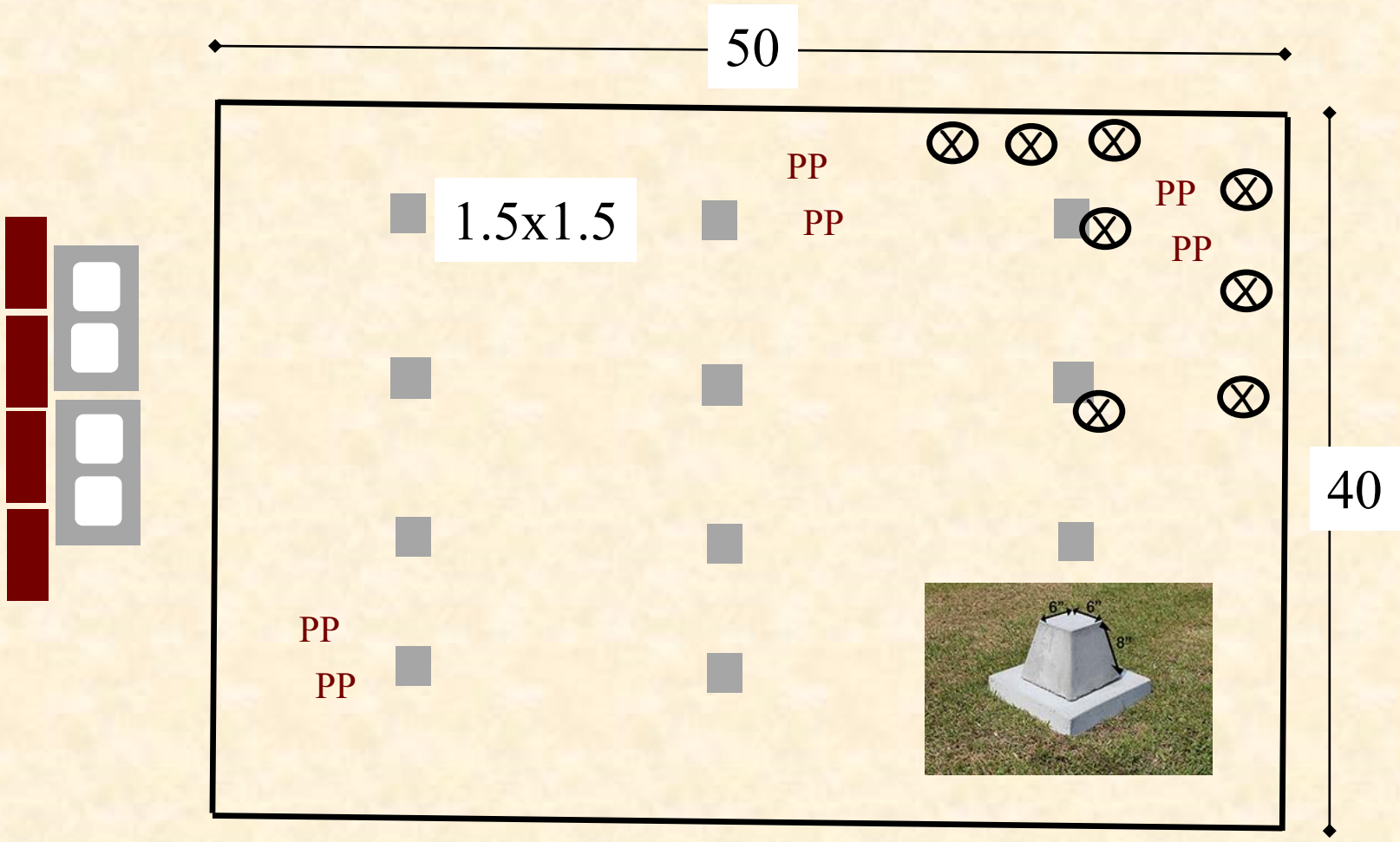
180 ft x 0.4 gal/ft = 72 gal
72 ft x 0.4 gal/ft = 28.8 gal
6 PPs x 1 gal/sq ft = 6 gal

Total = 106.8 gal

Case 4:

Conventional Foundation

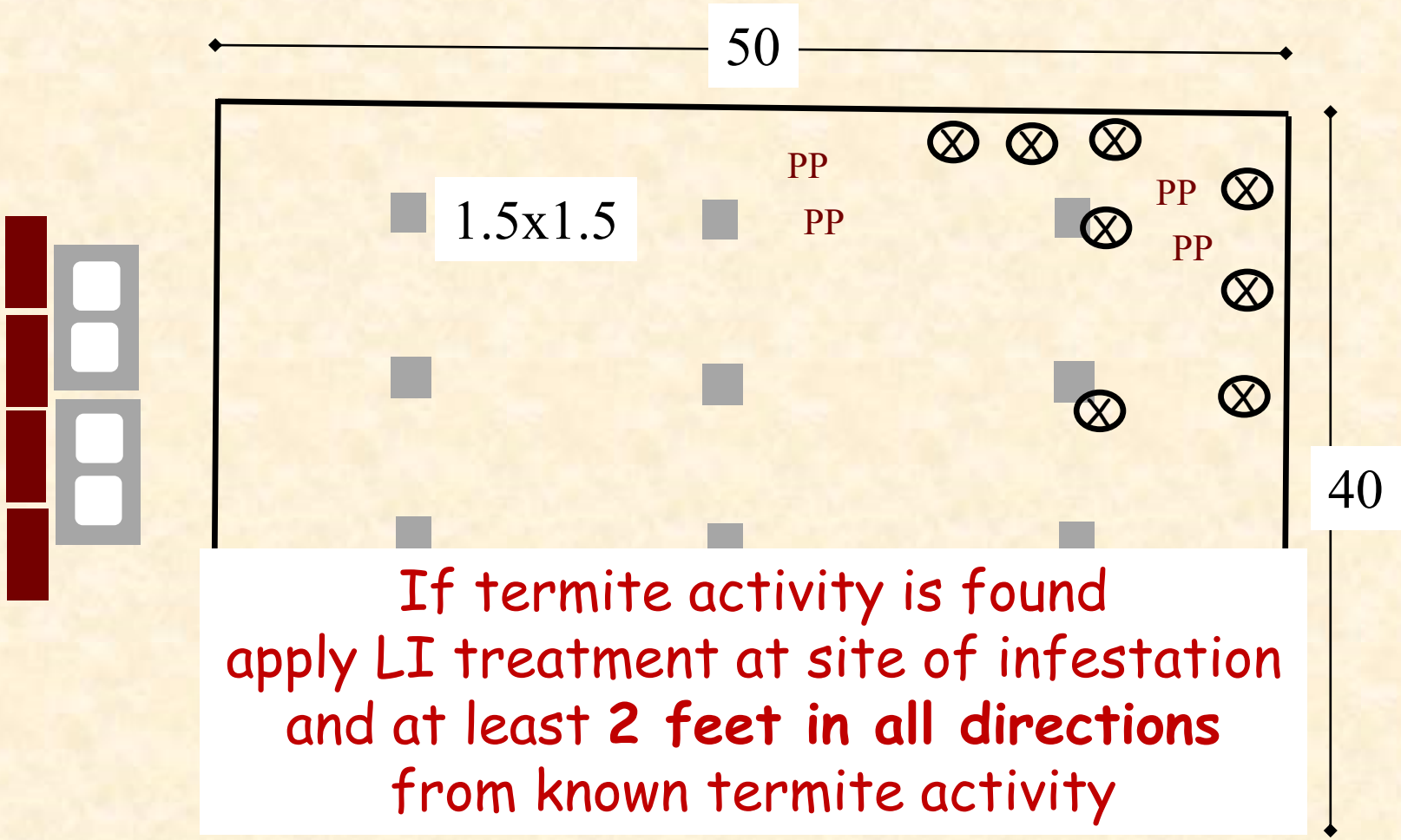
(EP/LI Treatment with active infestation)



Case 4:

Conventional Foundation

(EP/LI Treatment with active infestation)

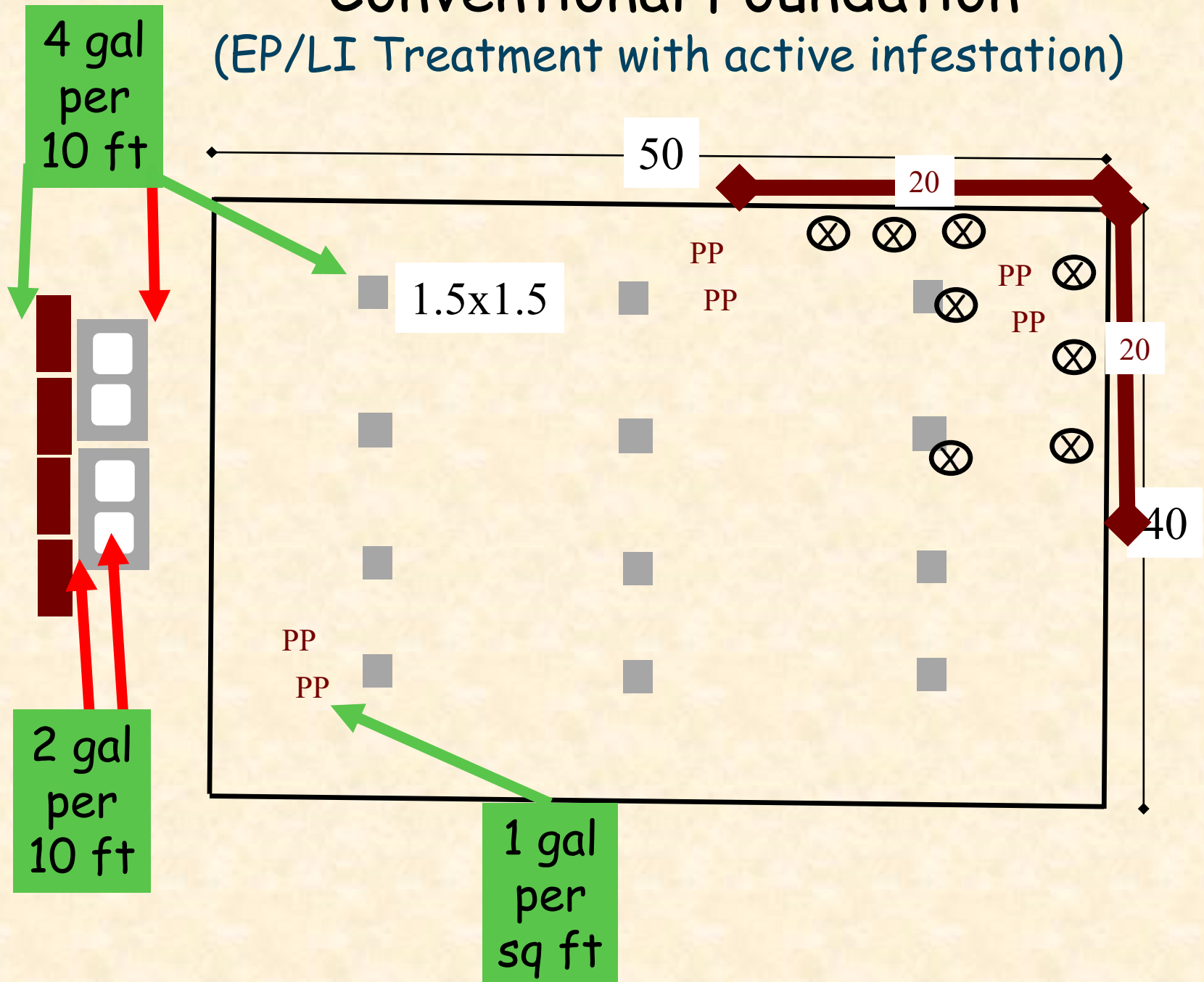


If termite activity is found
apply LI treatment at site of infestation
and at least **2 feet in all directions**
from known termite activity

Case 4:

Conventional Foundation

(EP/LI Treatment with active infestation)

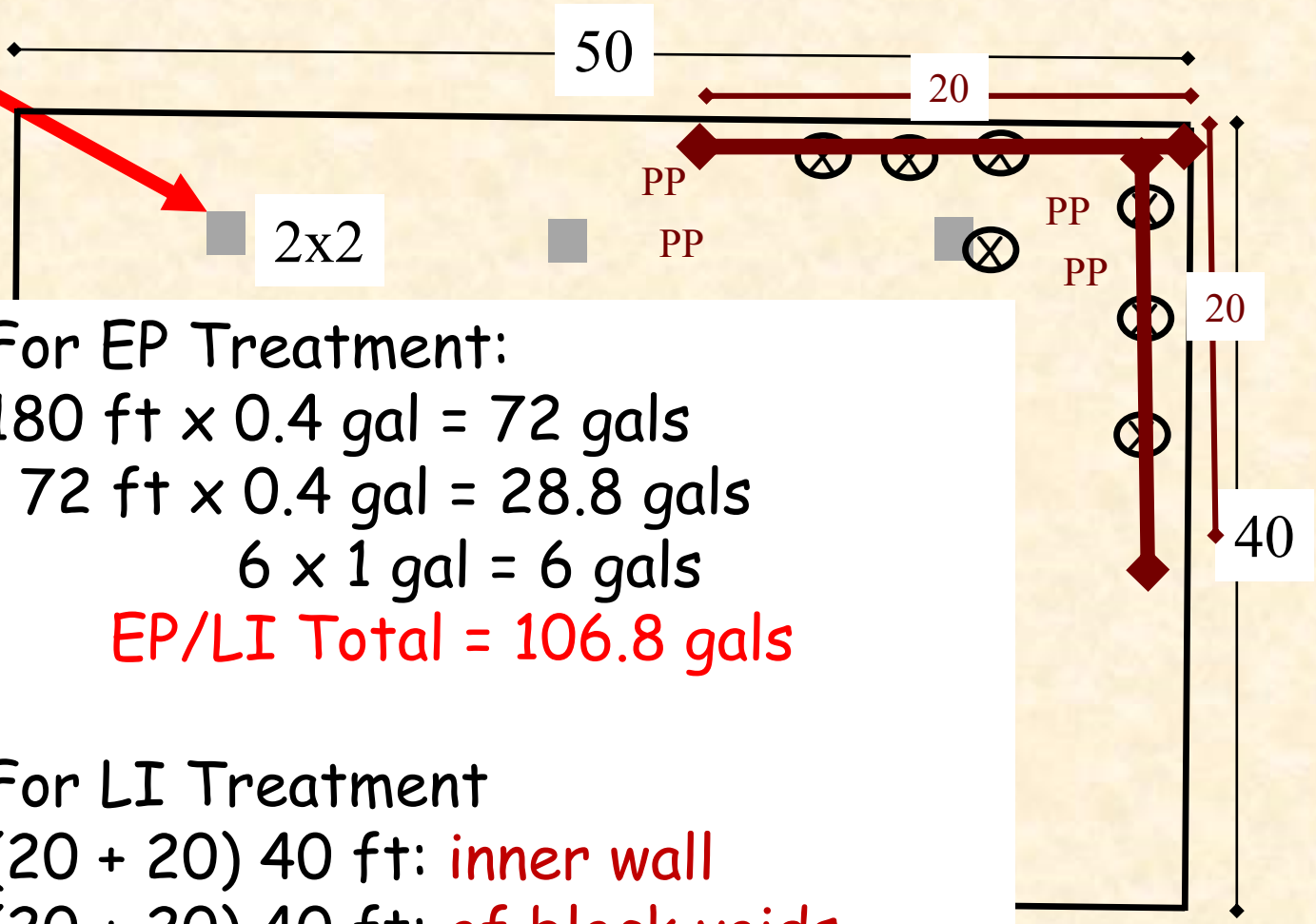


Case 4:

Conventional Foundation

(EP/LI Treatment with active infestation)

4 gal per 10 ft



For EP Treatment:

180 ft x 0.4 gal = 72 gals

72 ft x 0.4 gal = 28.8 gals

6 x 1 gal = 6 gals

EP/LI Total = 106.8 gals

For LI Treatment

(20 + 20) 40 ft: inner wall

(20 + 20) 40 ft: of block voids

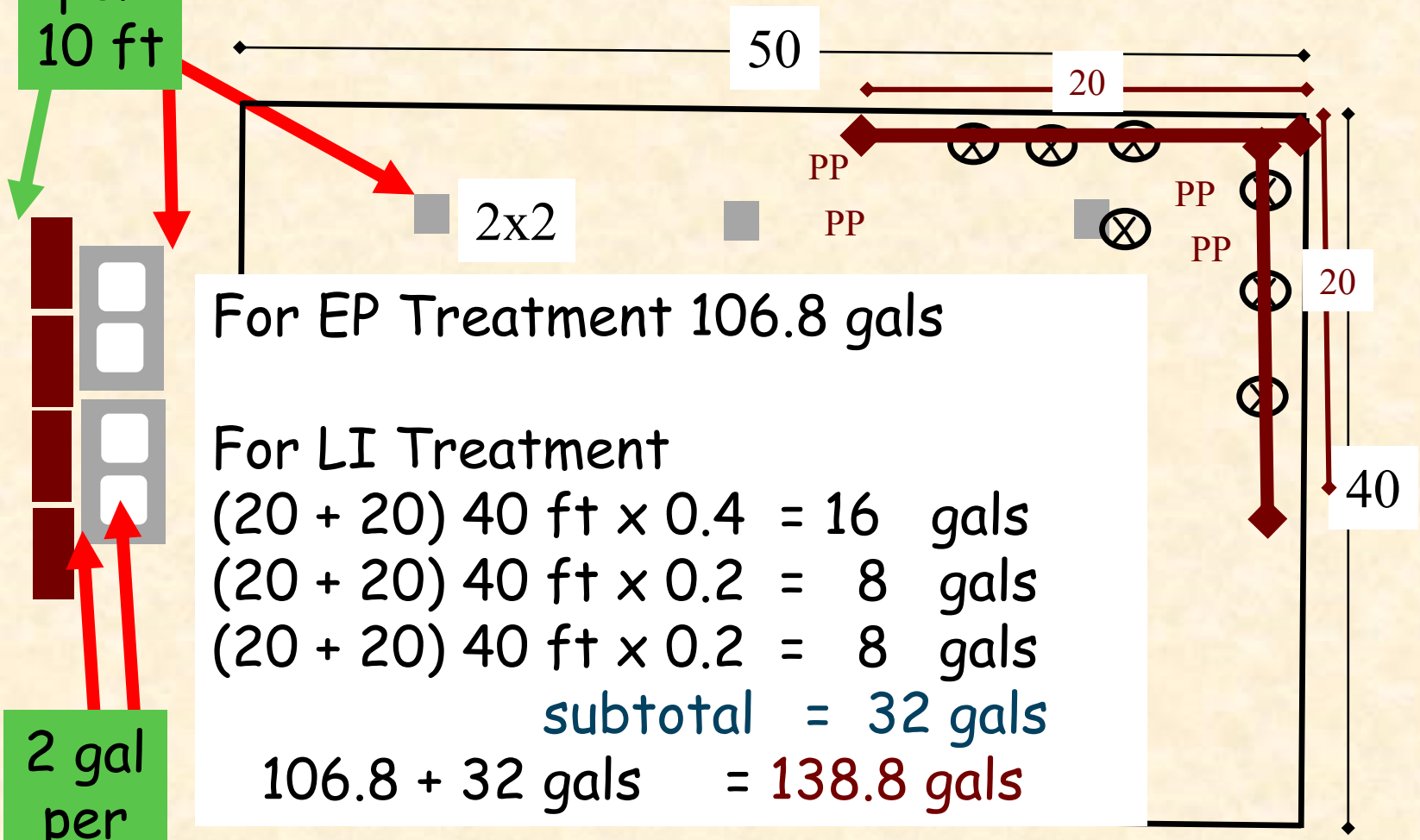
(20 + 20) 40 ft: of brick voids

2 gal per 10 ft

Case 4:

Conventional Foundation

(EP/LI Treatment with active infestation)



For EP Treatment 106.8 gals

For LI Treatment

(20 + 20) 40 ft x 0.4 = 16 gals

(20 + 20) 40 ft x 0.2 = 8 gals

(20 + 20) 40 ft x 0.2 = 8 gals

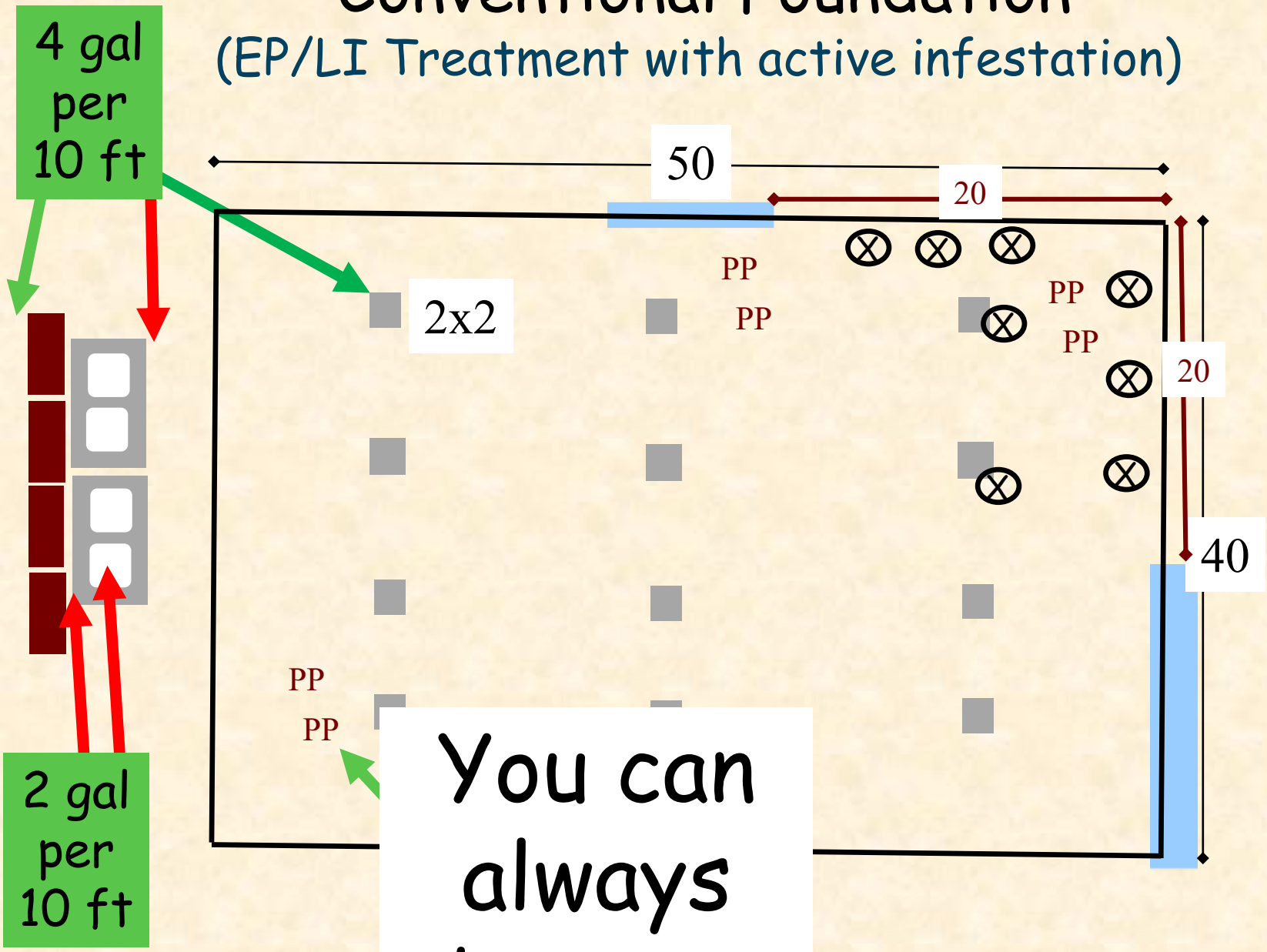
subtotal = 32 gals

106.8 + 32 gals = 138.8 gals

Case 4:

Conventional Foundation

(EP/LI Treatment with active infestation)



You can always do more.

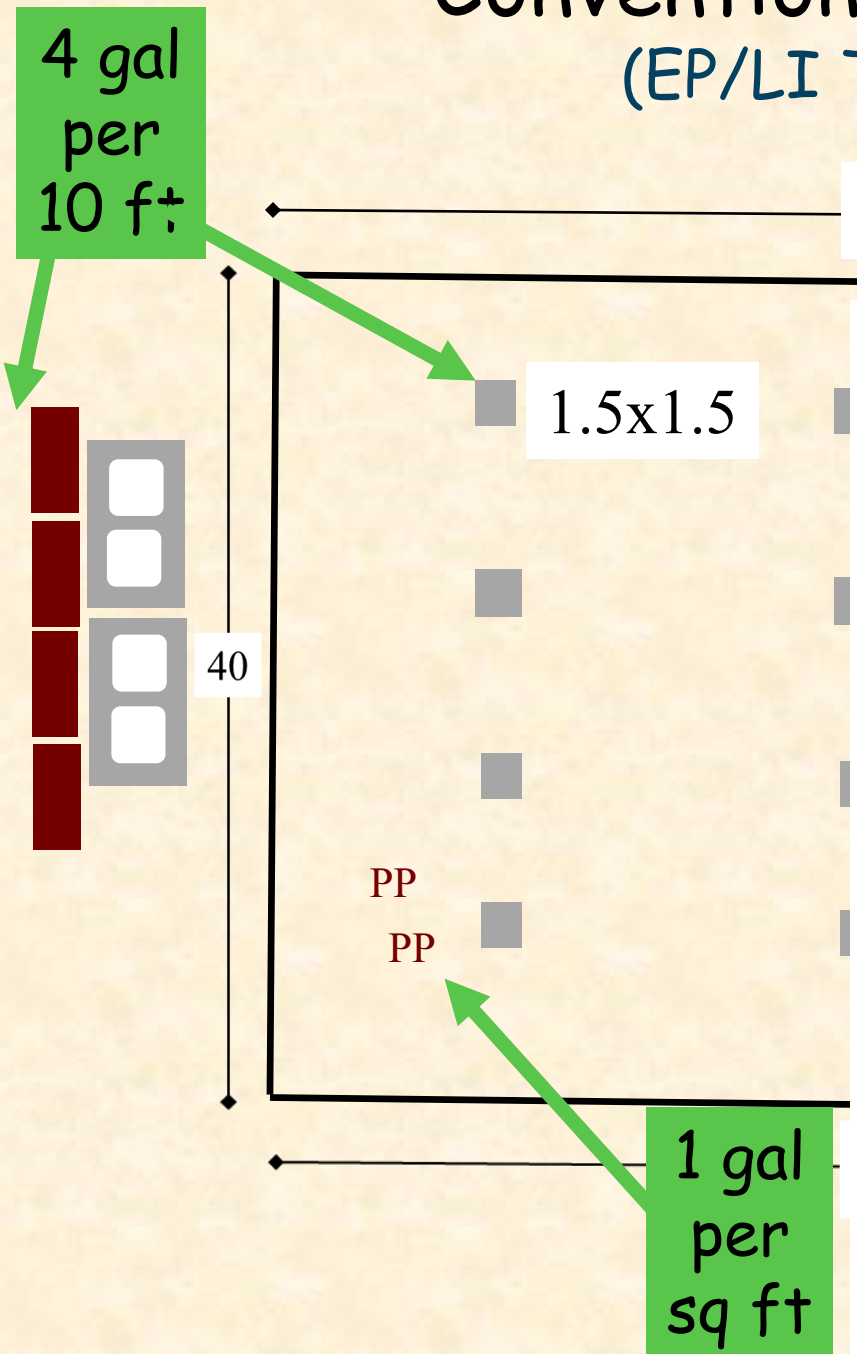
A flea circus is entertaining

But a bunch of termites can really bring down the house!

Case 2:

Conventional Foundation

(EP/LI Treatment)



For EP/LI:

Exterior perimeter:
40 + 50 + 40 + 50 = 180 ft @ 0.4 g/ft

Piers:
6 ft/pier x 12 = 72 ft @ 0.4 g/ ft

PP/critical areas:
6 x 1 sq ft each = 6 ft @ 1 gal each

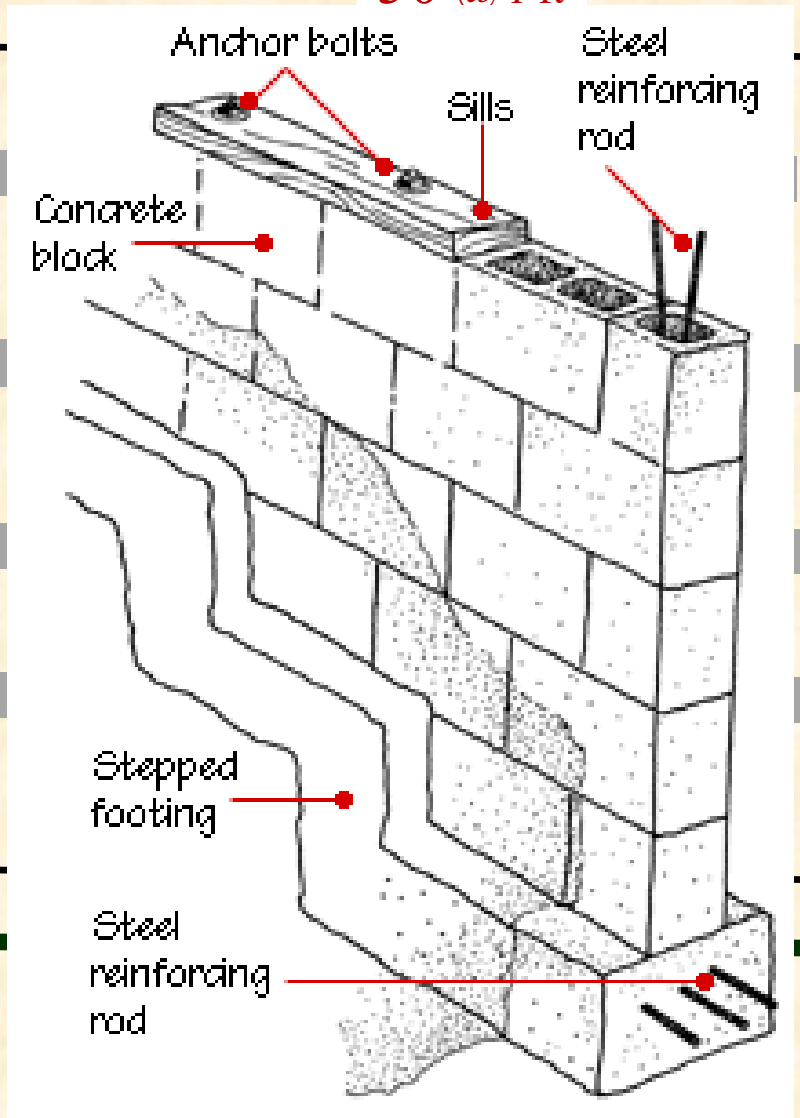
180 ft x 0.4 gal/ft = 72 gal
72 ft x 0.4 gal/ft = 28.8 gal
6 PPs x 1 gal/sq ft = 6 gal

Total = 106.8 gal

Case 5:

Conventional Foundation

(EP/LI Treatment, mult. depths)



50 @ 1 ft

20 @ 1 ft

14 @ 2 ft

6 @ 3 ft

PP

PP

PP

PP

40

15 @ 1 ft

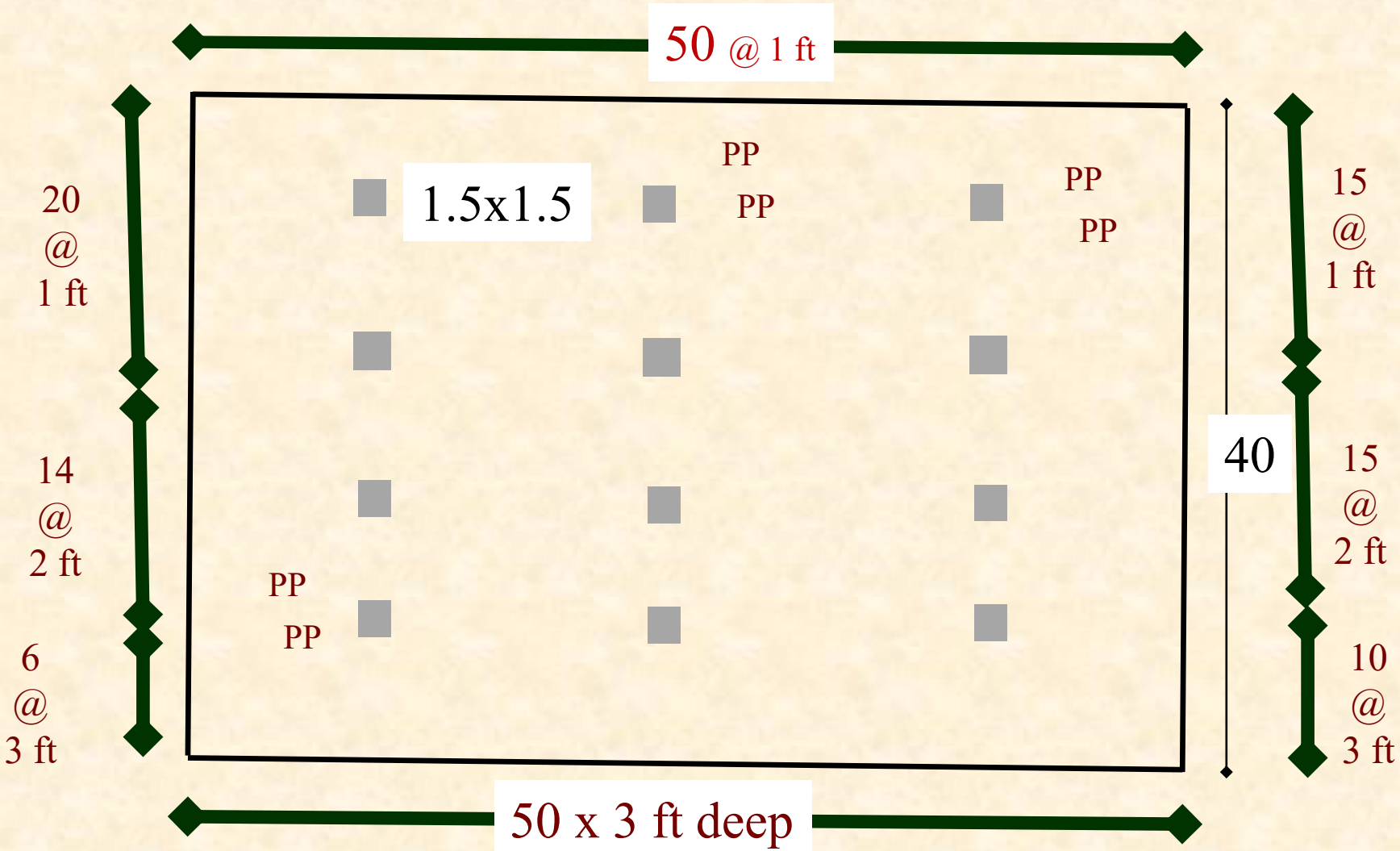
15 @ 2 ft

10 @ 3 ft

Case 5:

Conventional Foundation

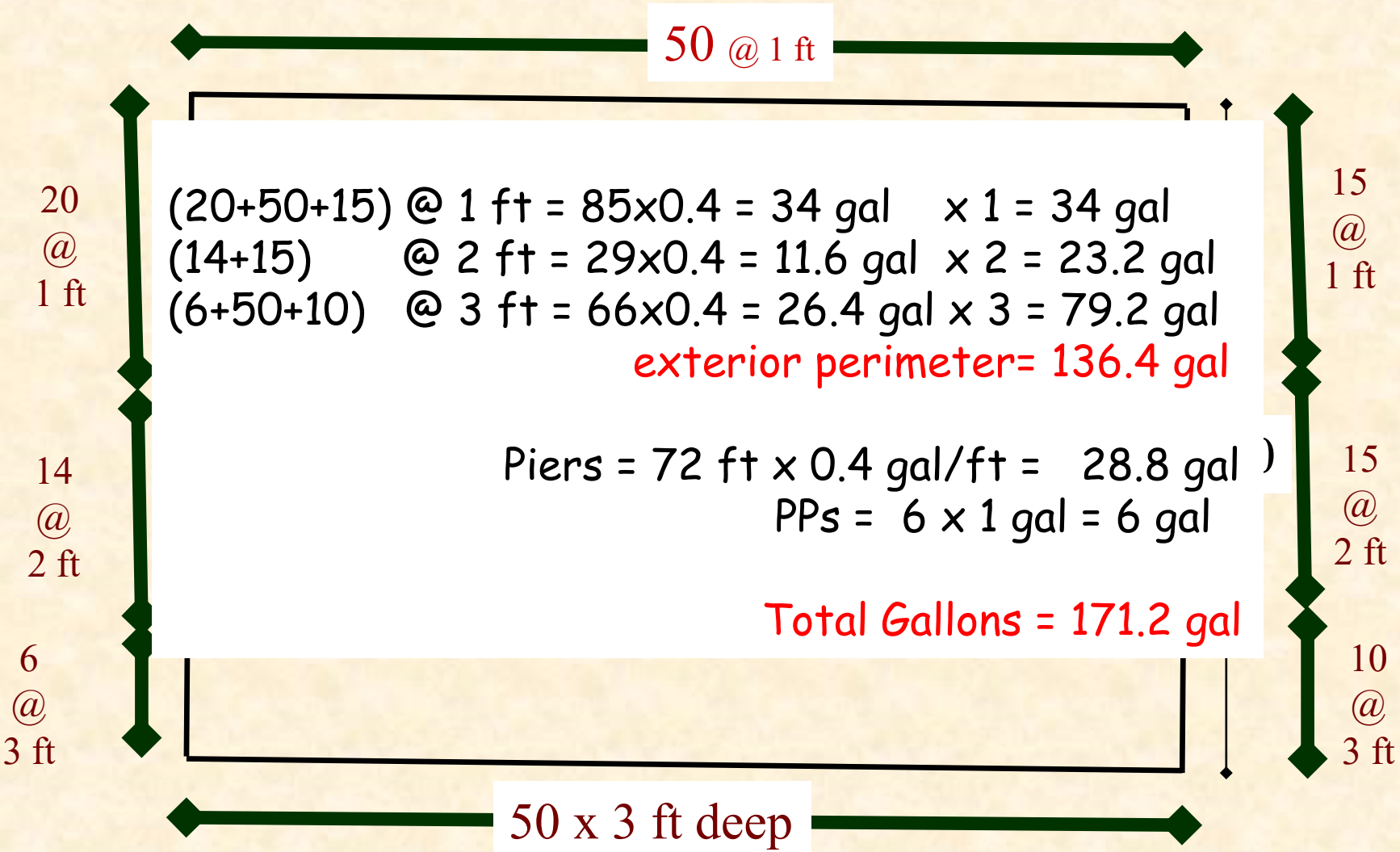
(EP/LI Treatment, mult. depths)



Case 5:

Conventional Foundation

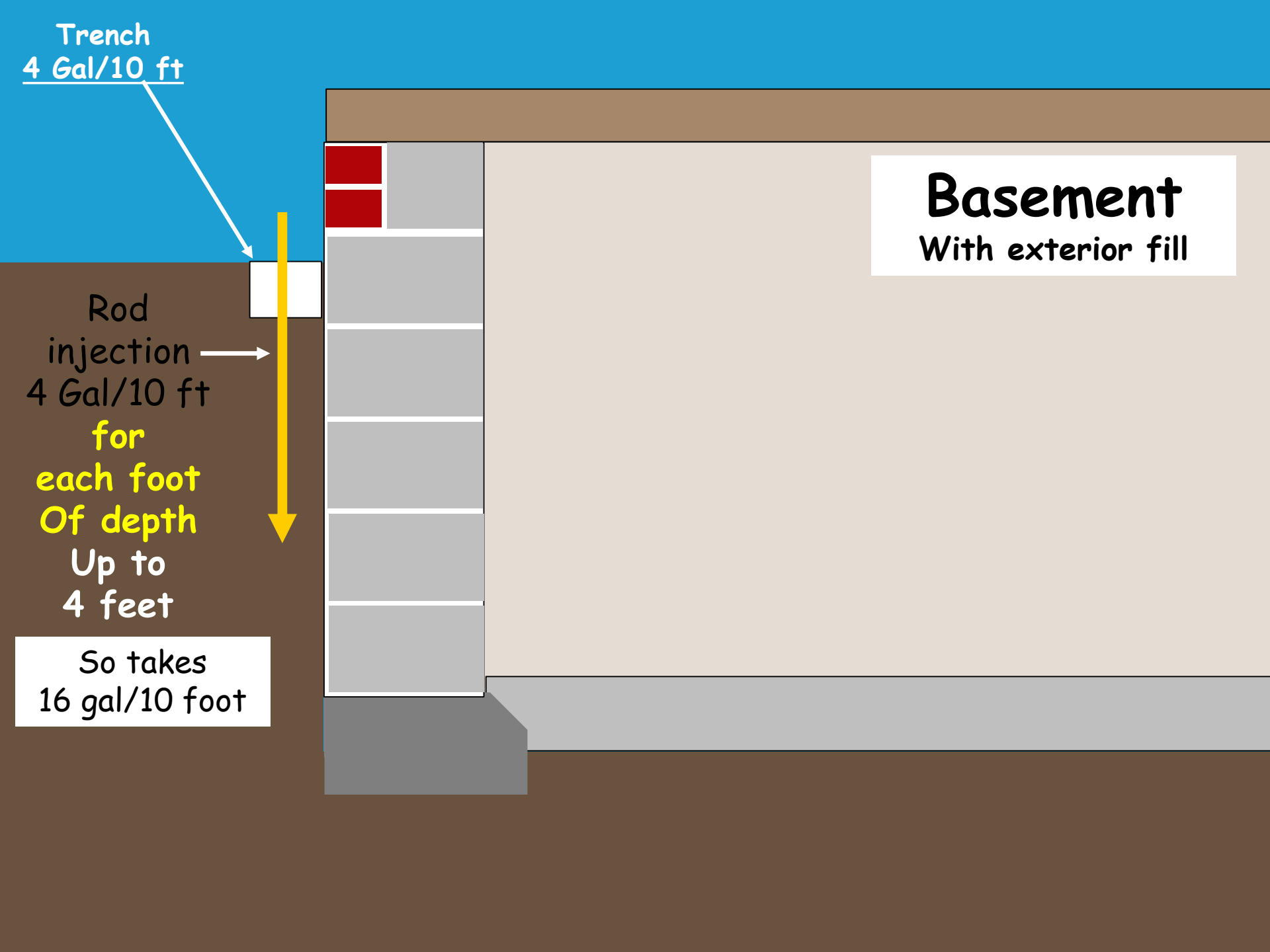
(EP/LI Treatment, mult. depths)



(20+50+15) @ 1 ft = 85x0.4 = 34 gal x 1 = 34 gal
(14+15) @ 2 ft = 29x0.4 = 11.6 gal x 2 = 23.2 gal
(6+50+10) @ 3 ft = 66x0.4 = 26.4 gal x 3 = 79.2 gal
exterior perimeter= 136.4 gal

Piers = 72 ft x 0.4 gal/ft = 28.8 gal
PPs = 6 x 1 gal = 6 gal

Total Gallons = 171.2 gal


Trench
4 Gal/10 ft
Rod
injection
4 Gal/10 ft
for
each foot
Of depth
Up to
4 feet
So takes
16 gal/10 foot
Basement
With exterior fill

Pest control company name: _____Bug Whompers_____ City: _____Sparta_____ State: _____MS____

BUREAU OF PLANT INDUSTRY

TECHNICIAN WORK SHEET FOR CALCULATING TERMITICIDE APPLICATION

THE APPLICABLE INFORMATION REQUESTED ON THIS FORM IS REQUIRED BY REGULATIONS TO BE MAINTAINED IN COMPANY FILES AND MADE AVAILABLE FOR EXAMINATION BY EMPLOYEES OF THE BUREAU OF PLANT INDUSTRY DURING REASONABLE BUSINESS HOURS

Date of application: _____11-11-19_____ Date form completed: _____11-11-19_____ Type of structure: X Residential □ Commercial

Type of treatment: Pretreat (Except outside foundation perimeter treatment) Pretreat (Outside foundation perimeter treatment only)

□ Post construction (conventional treatment) X Post construction (Exterior Perimeter/Limited Interior treatment) □ Spot

□ Retreat (Current contract with consumer and evidence of live termites)

Property owner's name: _____Terry Mitze_____ Street address/Lot number: _____123 Retic Lane_____

City: _____Bugville_____ State: ____MS__ Zip: _____39110_____ Phone: _____BR-549_____

Brand name and formulation of termiticide applied: _____Termidor SC_____

EPA registration number of termiticide applied: ___7969-210_____ Percentage applied: _____0.06%_____

Type of construction:

□ Floating slab □ Supported slab Monolithic slab X Crawl □ Basement □ Combination □ Other _____

Type of foundation:

Concrete □ Hollow block □ Single brick □ Double brick X Hollow block w/brick veneer □ Piers only

Exterior walls:

X Brick or stone □ Wood □ Shingle □ Stucco □ Hollow block □ Pressed board siding □ Vinyl siding □ Cement siding □ Steel

Type of fill:

_ Sand □ Soil □ Gravel/crushed stone □ Other _____

1. Square feet of horizontal barrier to treat _____ x 0.1 (Sand) or 0.15 (Gravel*) or 0.2 (Gravel*) = _____ gallons

Pretreatment footings _____ square feet x 0.1 = _____ gallons (* Use % and rate specified on MS 24c label if applicable)

2a. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 1 (footing depth @ 1 foot) = _____ gallons

2b. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 2 (footing depth @ 2 feet) = _____ gallons

2c. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 3 (footing depth @ 3 feet) = _____ gallons

2d. Linear feet inside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons

3. Linear feet inside of masonry voids _____ x 0.2 = _____ gallons

4a Linear feet outside foundation wall ____85____ x 0.4 = __34_____ gallons x 1 (footing depth @ 1 foot) =___34_____ gallons

4b Linear feet outside foundation wall ____29____ x 0.4 = __11.6___ gallons x 2 (footing depth @ 2 feet) = ___23.2_____ gallons

4c Linear feet outside foundation wall ____66____ x 0.4 = __26.4___ gallons x 3 (footing depth @ 3 feet) =____79.2_____ gallons

4d Linear feet outside foundation wall _____ x 0.4 = _____ gallons x 4 (footing depth @ 4 feet) = _____ gallons

5. Linear feet of expansion joints _____ x 0.4 = _____ gallons

6. Linear feet of critical areas _____6_____ x (1) = _____6_____ gallons

7. Number of piers _____12_____ Size of piers ____6 ft_____ A. Linear feet outside piers _____72_____ x 0.4 = __28.8____ gallons

B. Linear feet inside voids _____ x 0.2 = _____ gallons

(171.2 gallons total)

……..

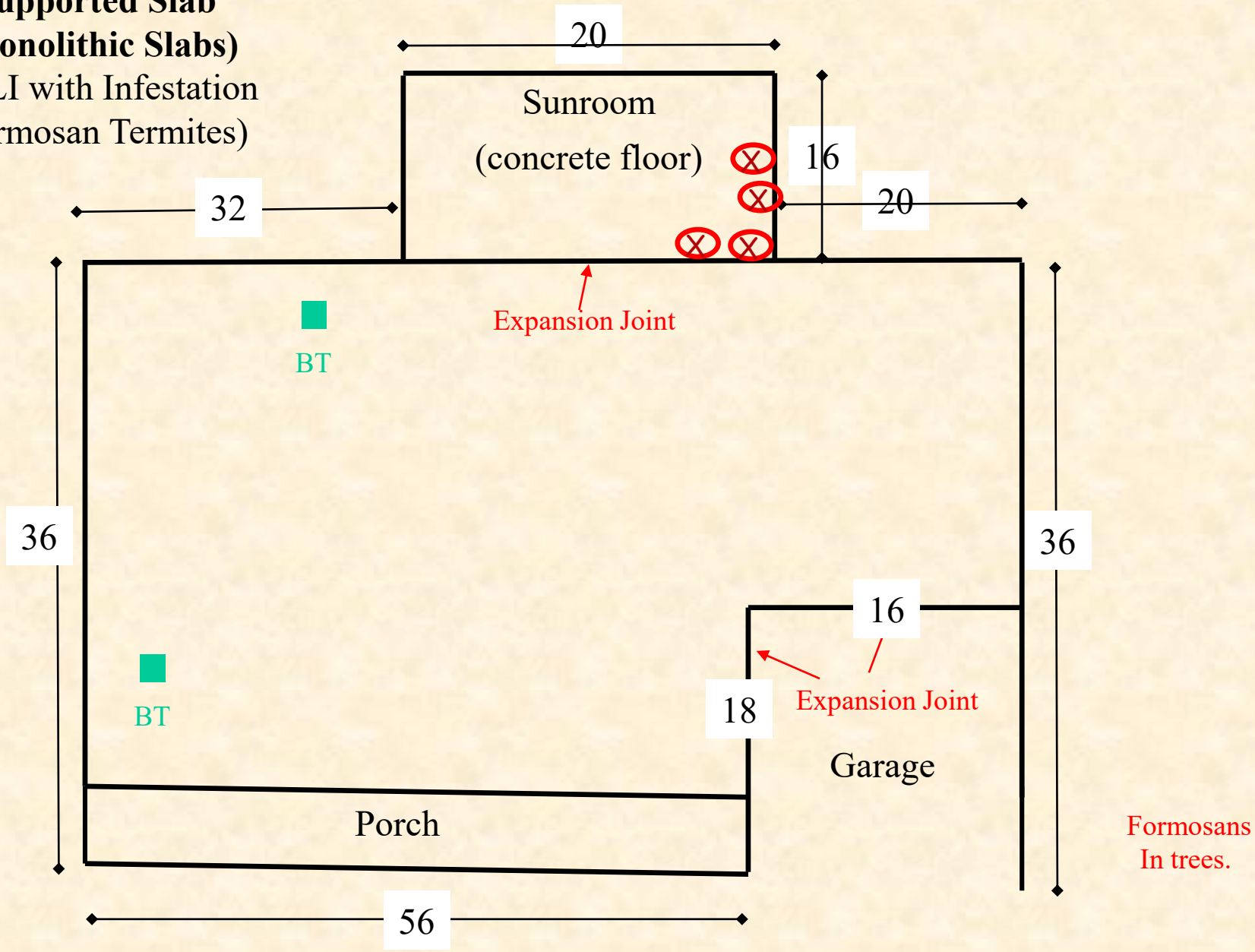
…….

Total gallons of dilute termiticide applied: ____180_____

Total gallons of termiticide concentrate applied: ____ 144 fl oz (1.1 gallons)

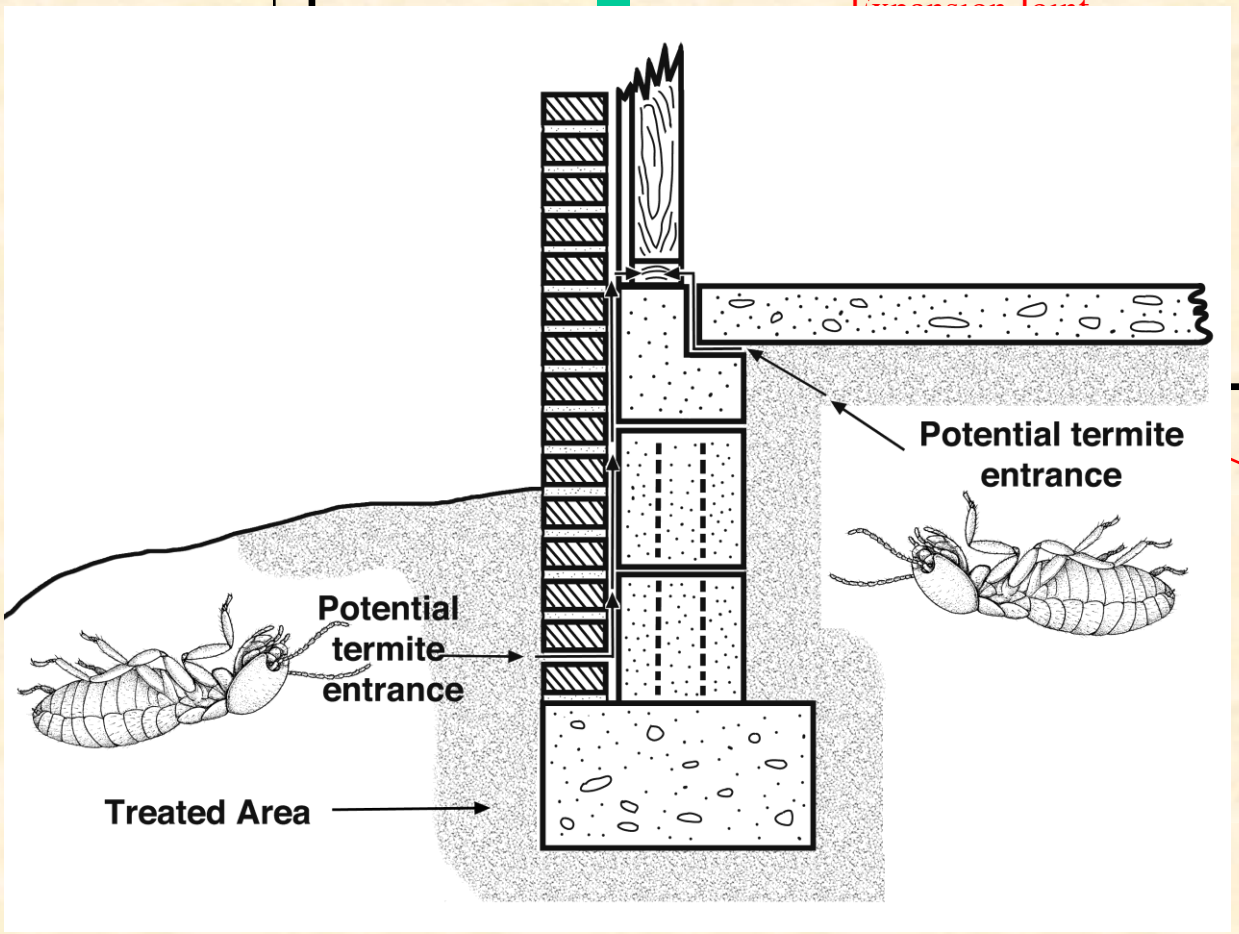
Case 6:

Supported Slab
(Monolithic Slabs)
EP/LI with Infestation
(Formosan Termites)



Case 6:

Supported Slab
(Monolithic Slabs)
EP/LI with Infestation
(Formosan Termites)



20

Sunroom

(concrete floor)

16

32

20

36

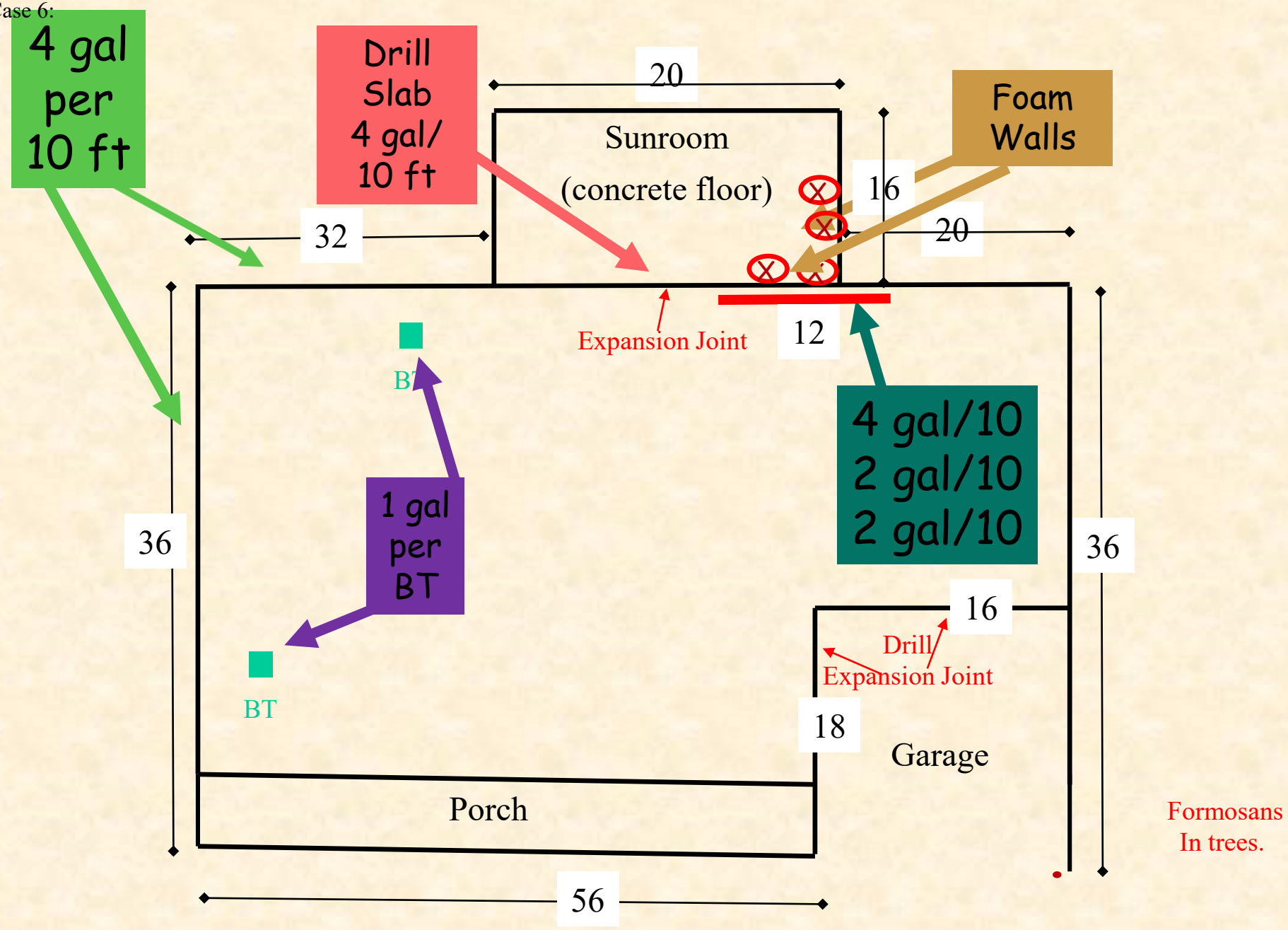
16

Expansion Joint

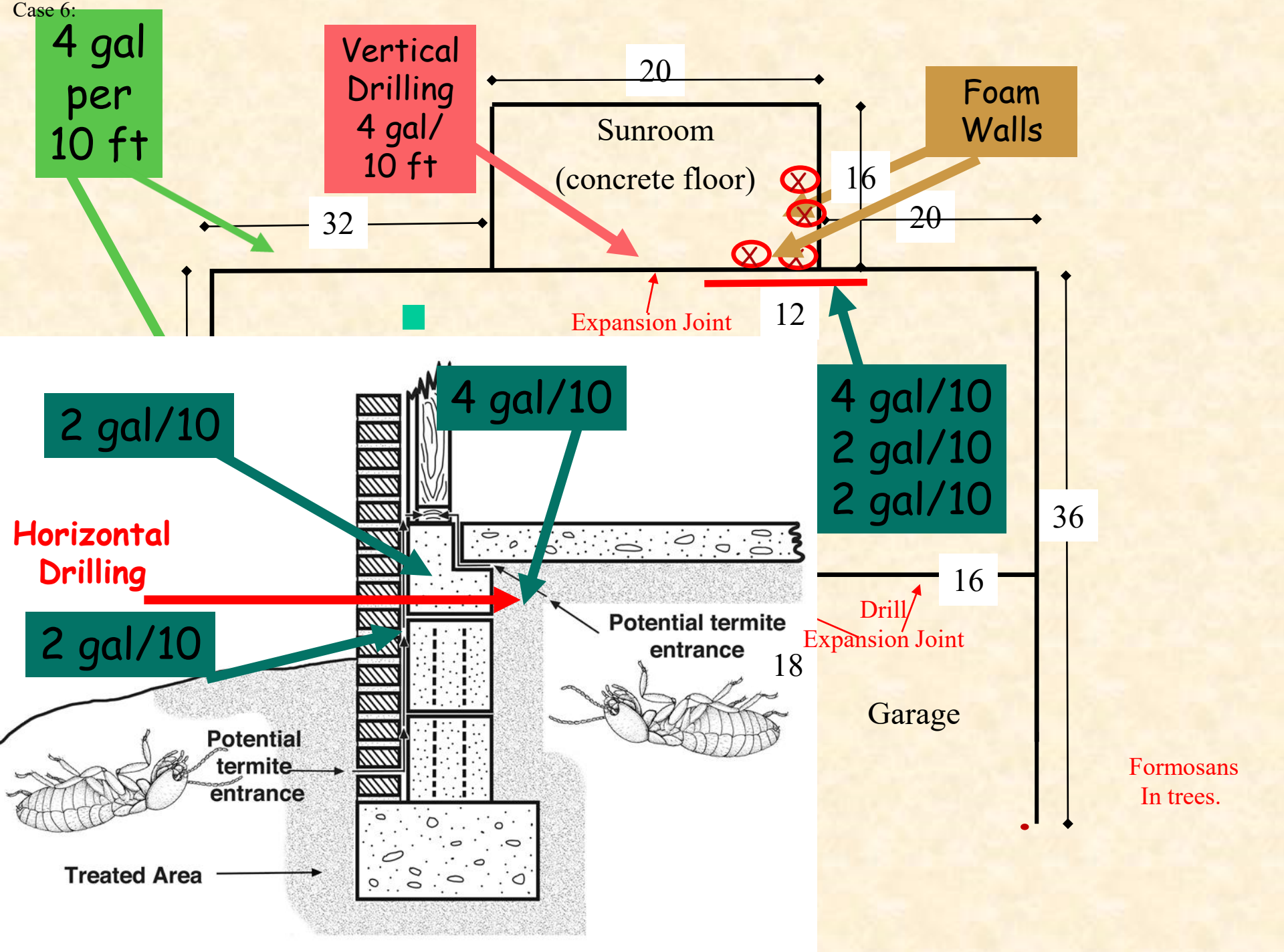
Garage

Formosans
In trees.

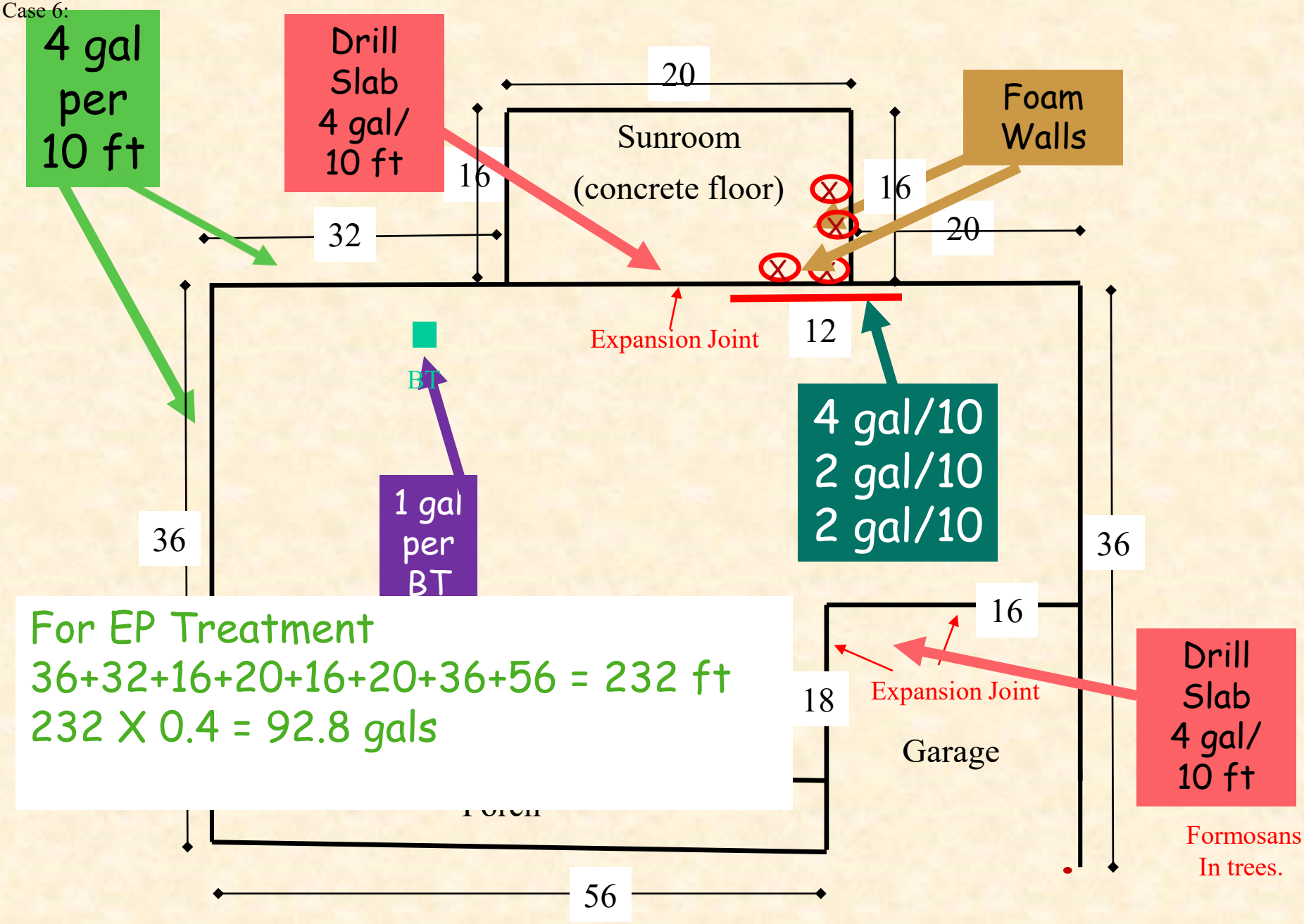
Case 6:


4 gal per 10 ft
Drill Slab 4 gal/ 10 ft
Foam Walls
20
Sunroom
(concrete floor)
16
32
20
Expansion Joint
12
BT
4 gal/10
2 gal/10
2 gal/10
1 gal per BT
36
36
16
Drill
Expansion Joint
BT
18
Garage
Porch
56
Formosans
In trees.

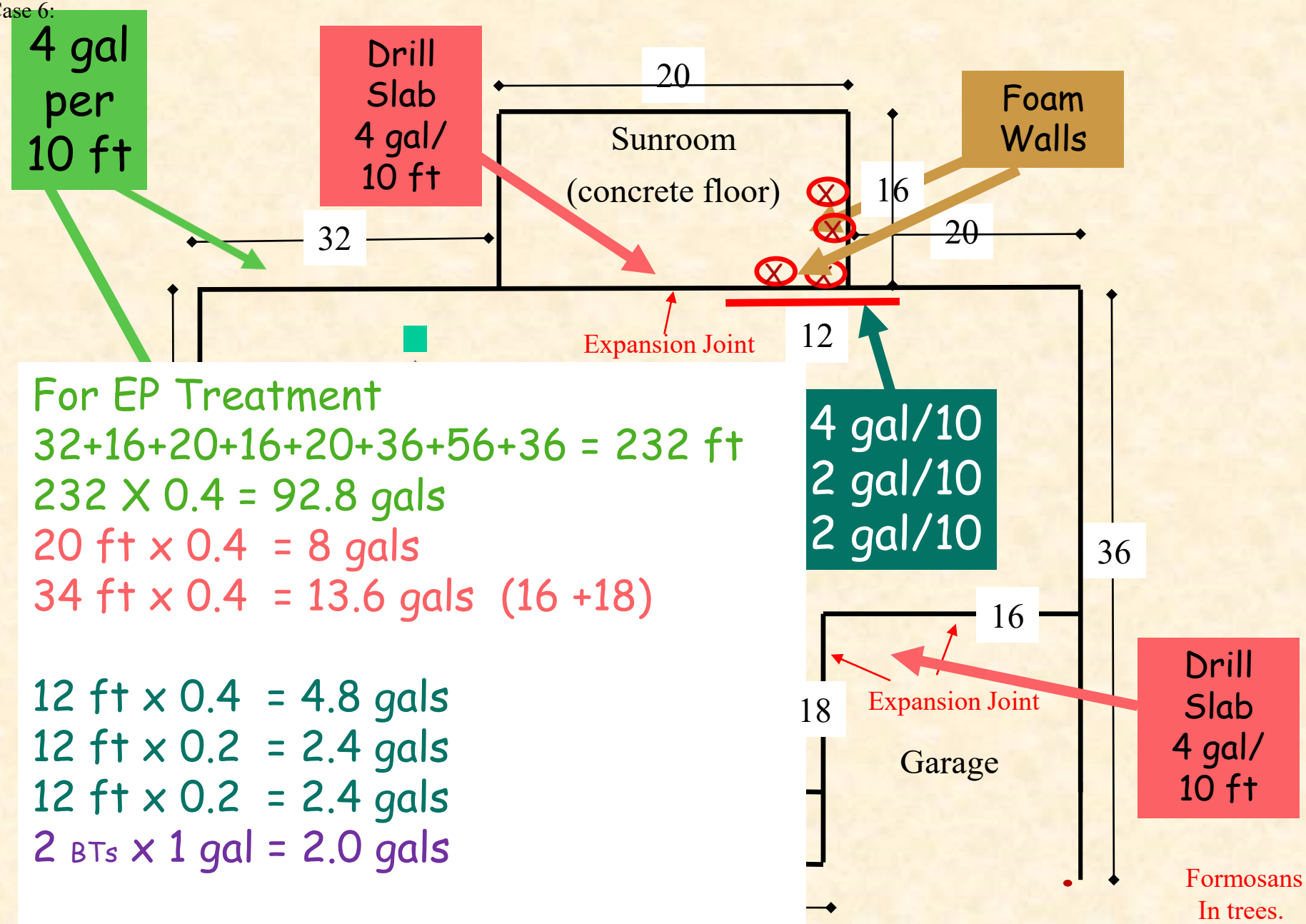
Case 6:


4 gal per 10 ft
Vertical Drilling 4 gal/ 10 ft
20
Sunroom
(concrete floor)
Foam Walls
16
32
20
Expansion Joint
12
4 gal/10
2 gal/10
4 gal/10
2 gal/10
2 gal/10
Horizontal Drilling
36
16
Drill
Expansion Joint
Potential termite entrance
18
Garage
Potential termite entrance
Treated Area
Formosans In trees.

Case 6:


4 gal per 10 ft
Drill Slab 4 gal/ 10 ft
20
Foam Walls
Sunroom
(concrete floor)
16
16
32
20
Expansion Joint
12
BT
4 gal/10
2 gal/10
2 gal/10
1 gal per BT
36
36
16
For EP Treatment
36+32+16+20+16+20+36+56 = 232 ft
232 X 0.4 = 92.8 gals
18
Expansion Joint
Drill Slab 4 gal/ 10 ft
Garage
Formosans In trees.
56

Case 6:



For EP Treatment

32+16+20+16+20+36+56+36 = 232 ft

232 X 0.4 = 92.8 gals

20 ft x 0.4 = 8 gals

34 ft x 0.4 = 13.6 gals (16 +18)

12 ft x 0.4 = 4.8 gals

12 ft x 0.2 = 2.4 gals

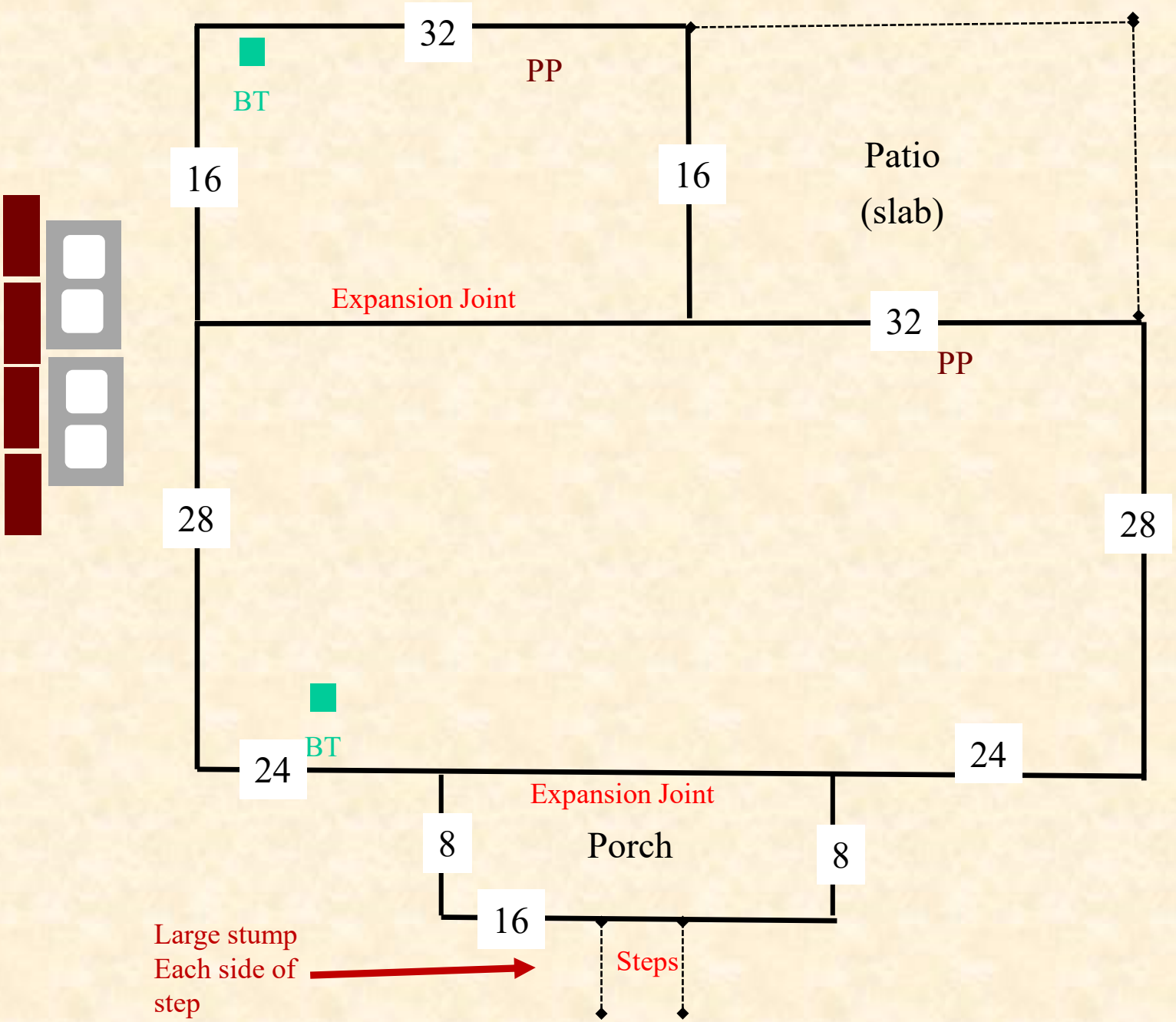
12 ft x 0.2 = 2.4 gals

2 BTs x 1 gal = 2.0 gals

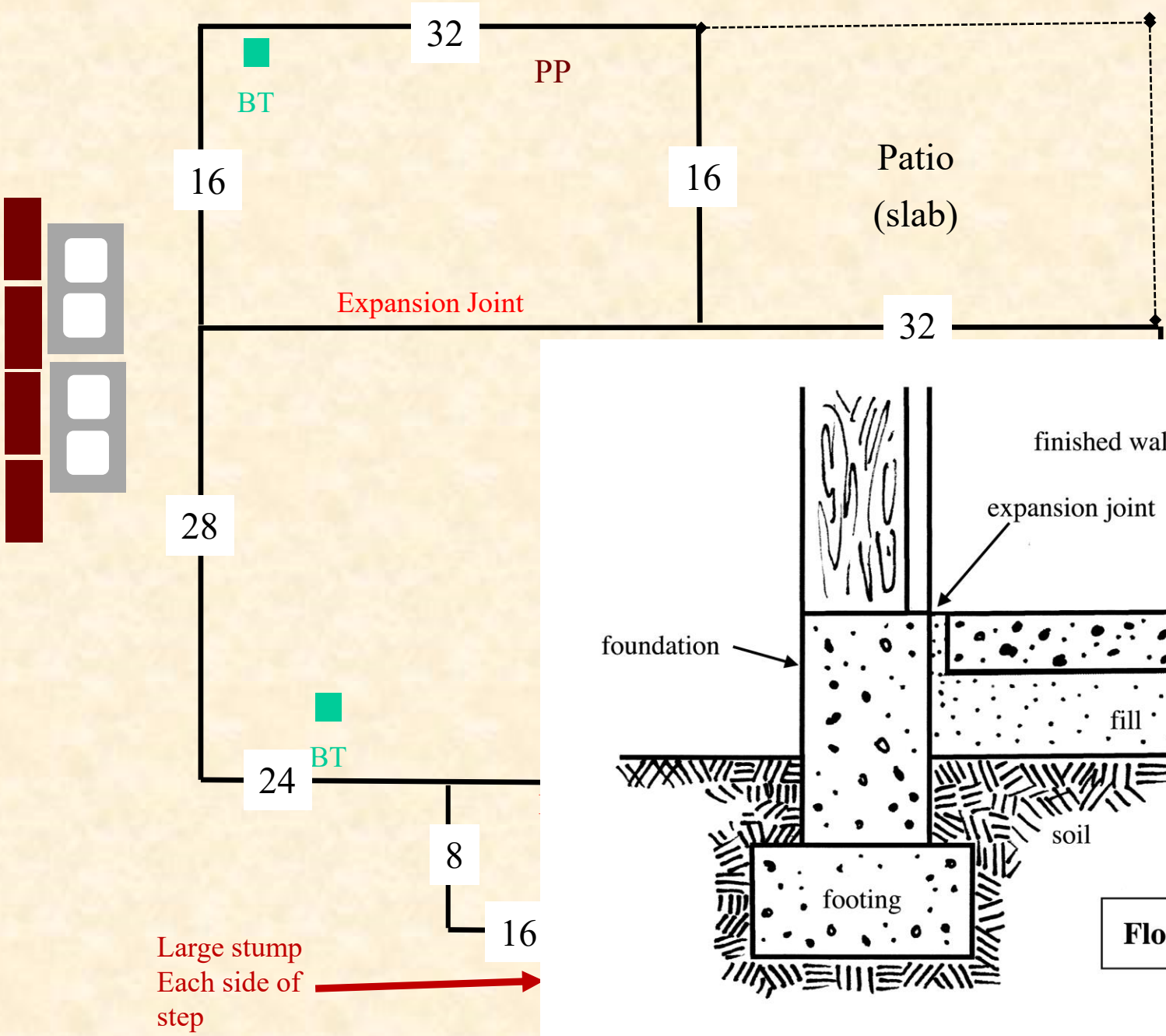
92.8+8+13.6+4.8+2.4+2.4+2 = 126 Gallons

Foam = 1.75 gals

Case 7: **Floating Slab, Bait Stations**

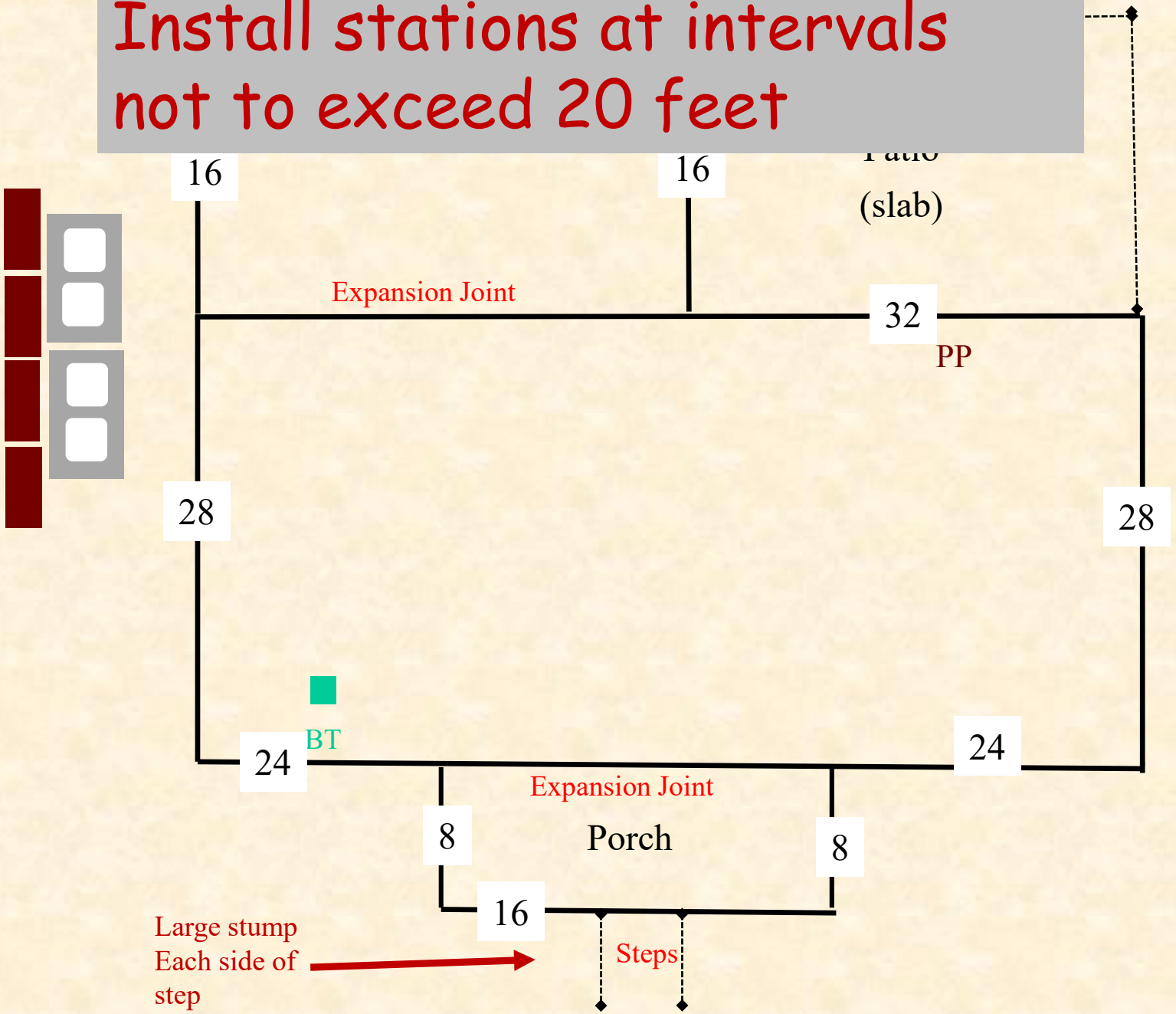


Case 7: **Floating Slab, Bait Stations**

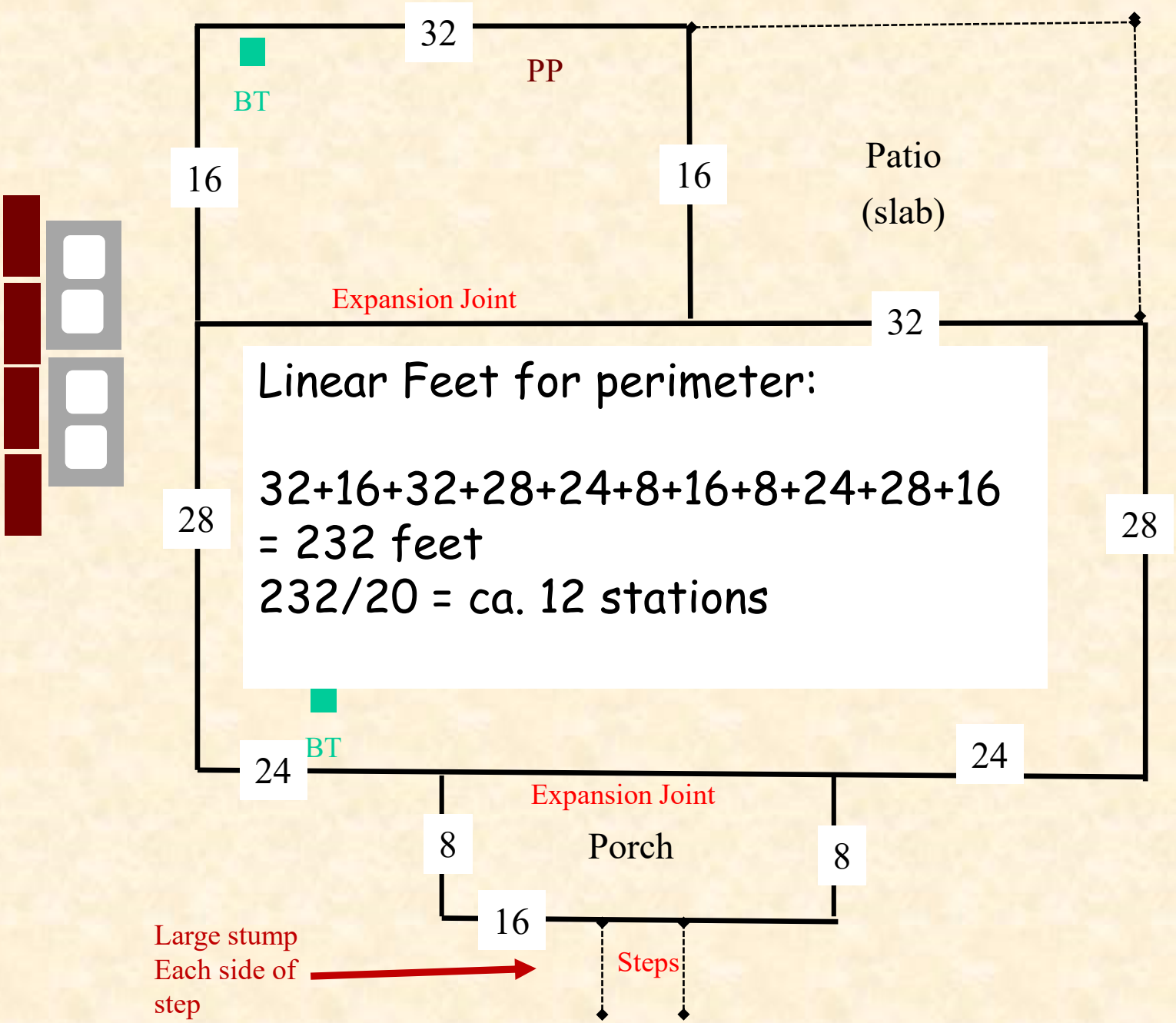


Case 7: **Floating Slab, Bait Stations**

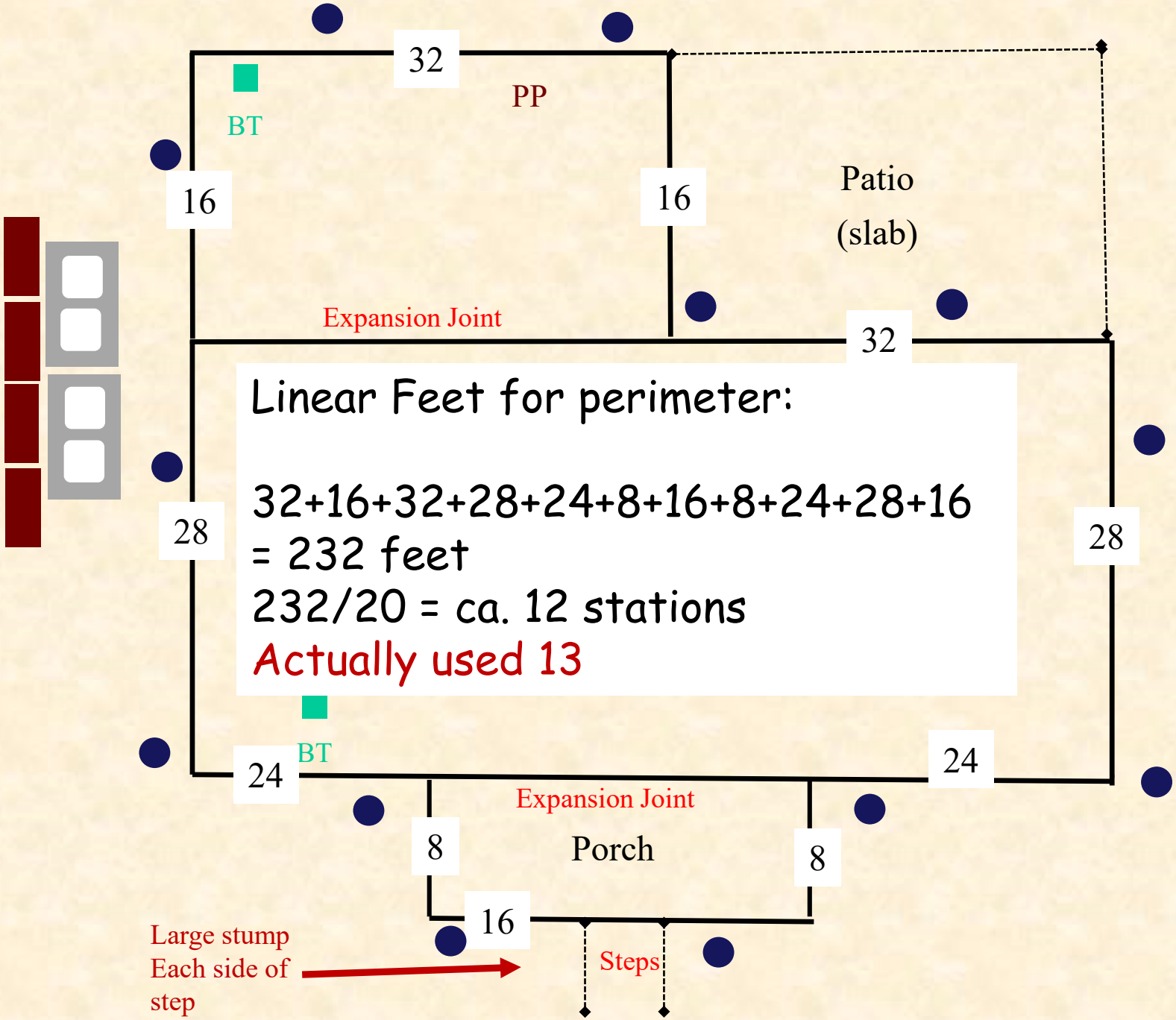
Install stations at intervals not to exceed 20 feet



Case 7: **Floating Slab, Bait Stations**

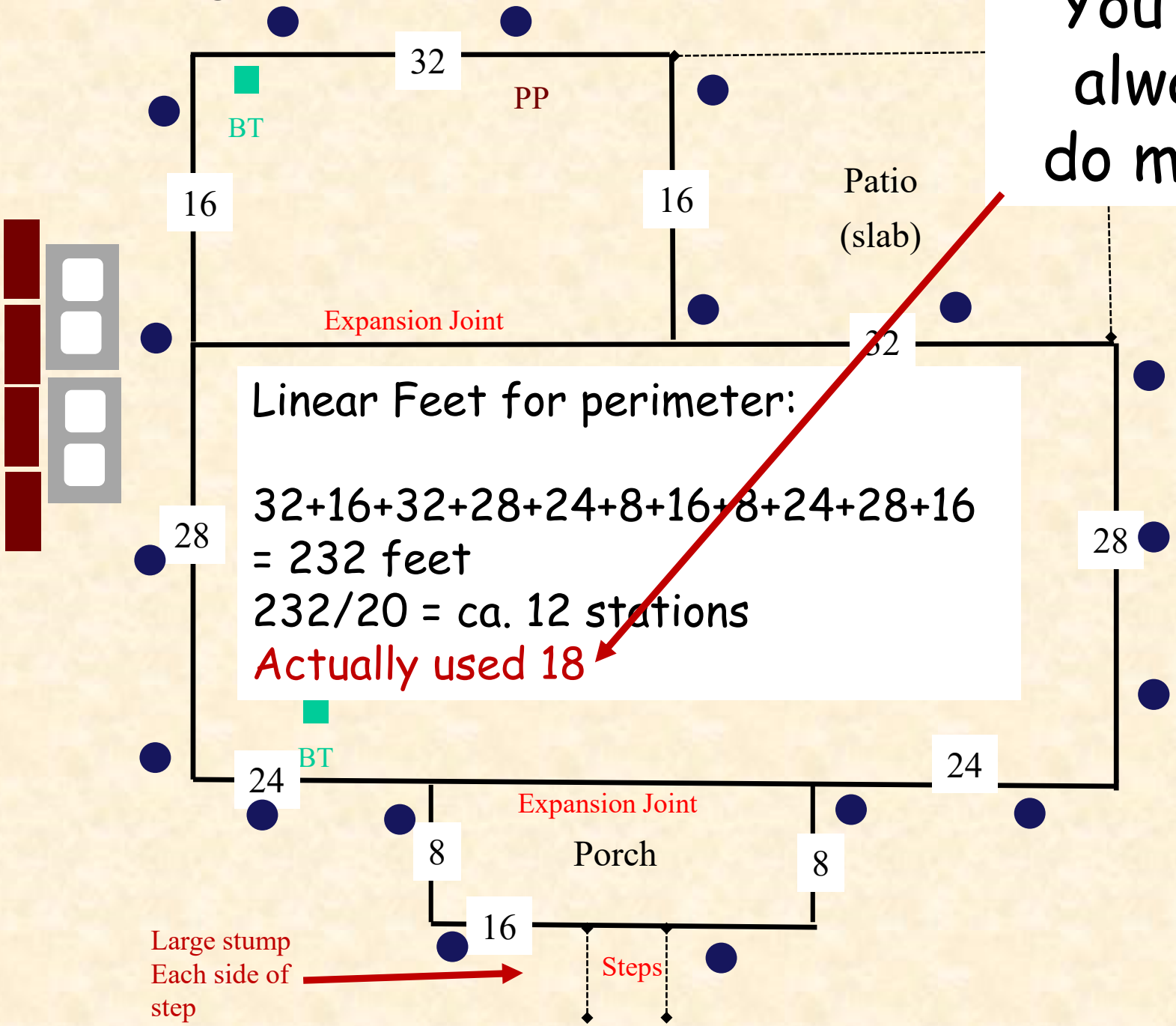


Case 7: **Floating Slab, Bait Stations**




Well that was easy!

Case 7: **Floating Slab, Bait Stations**



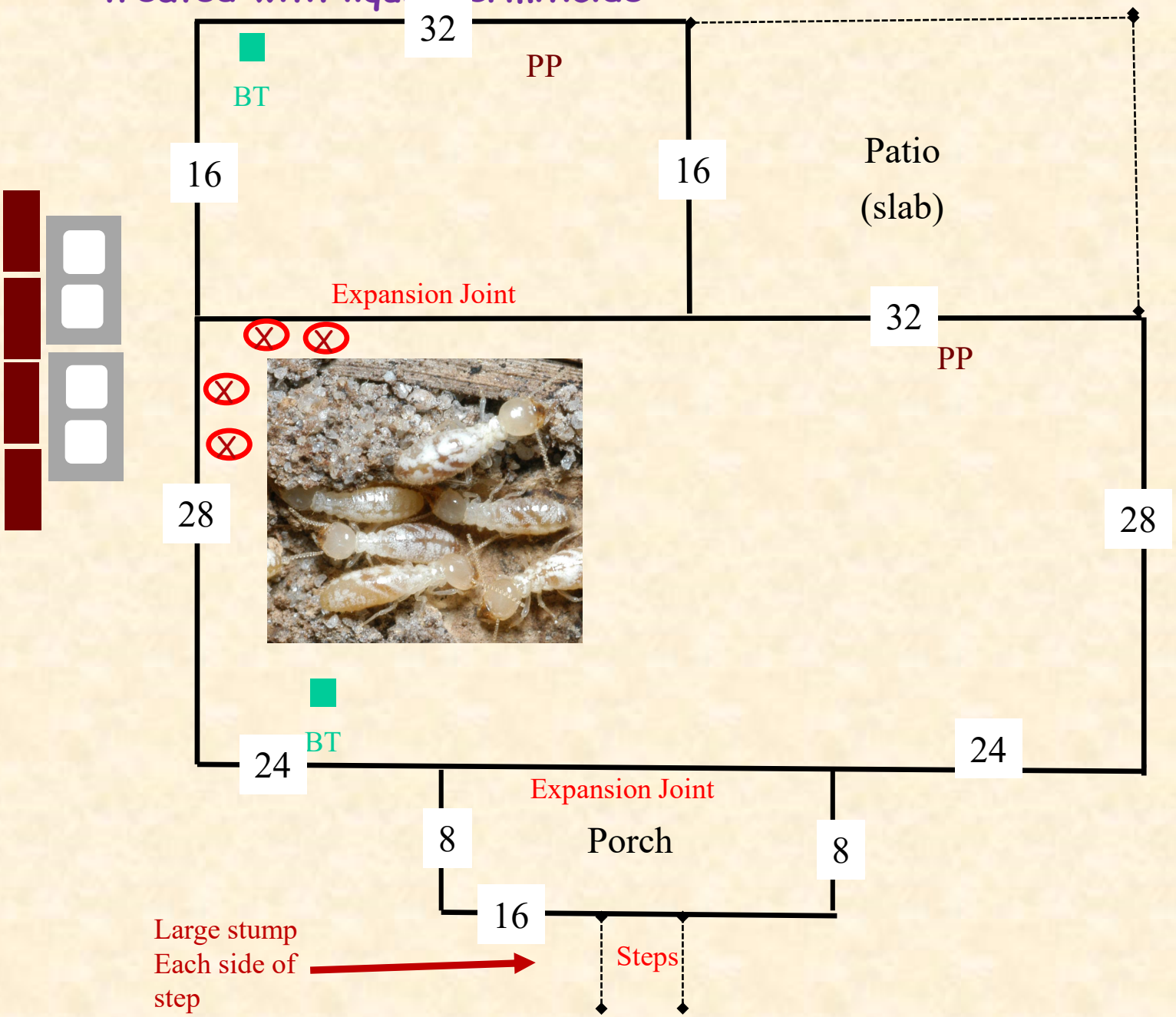
You can always do more.

Linear Feet for perimeter:

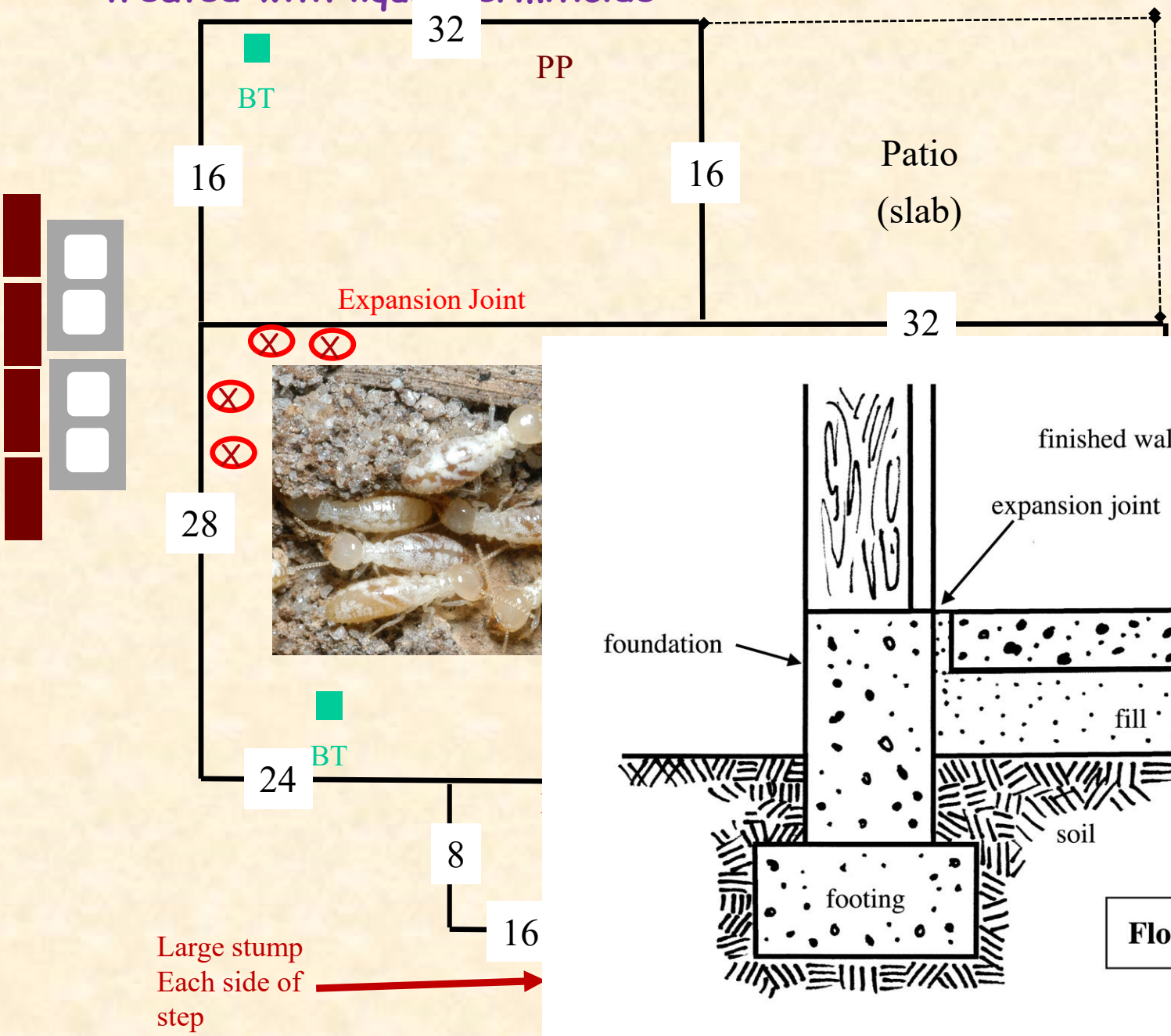
32+16+32+28+24+8+16+8+24+28+16
= 232 feet
232/20 = ca. 12 stations
Actually used 18


That's still pretty easy!

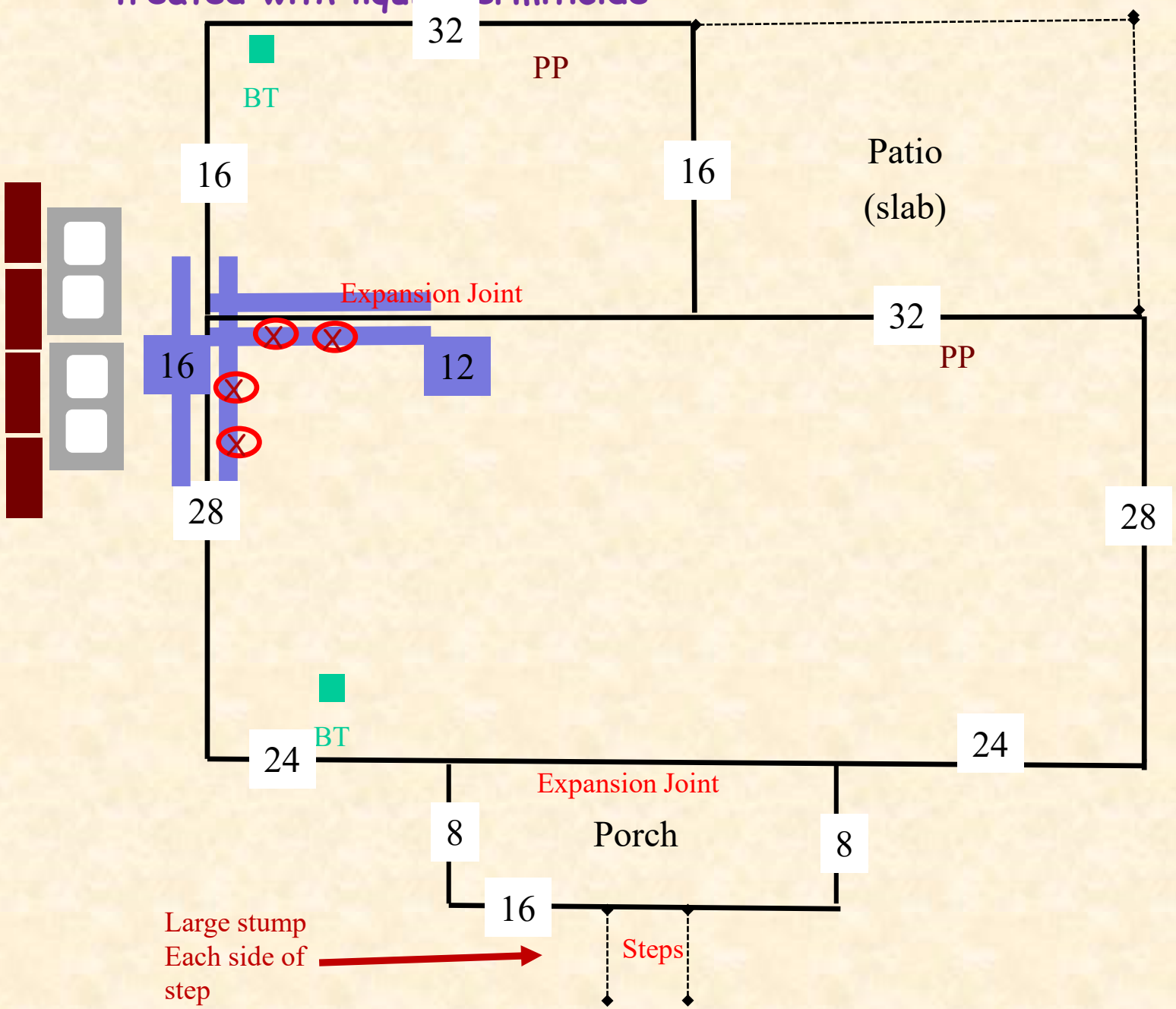
Case 8: **Floating Slab, Bait Stations and Active Infestation treated with liquid termiticide**



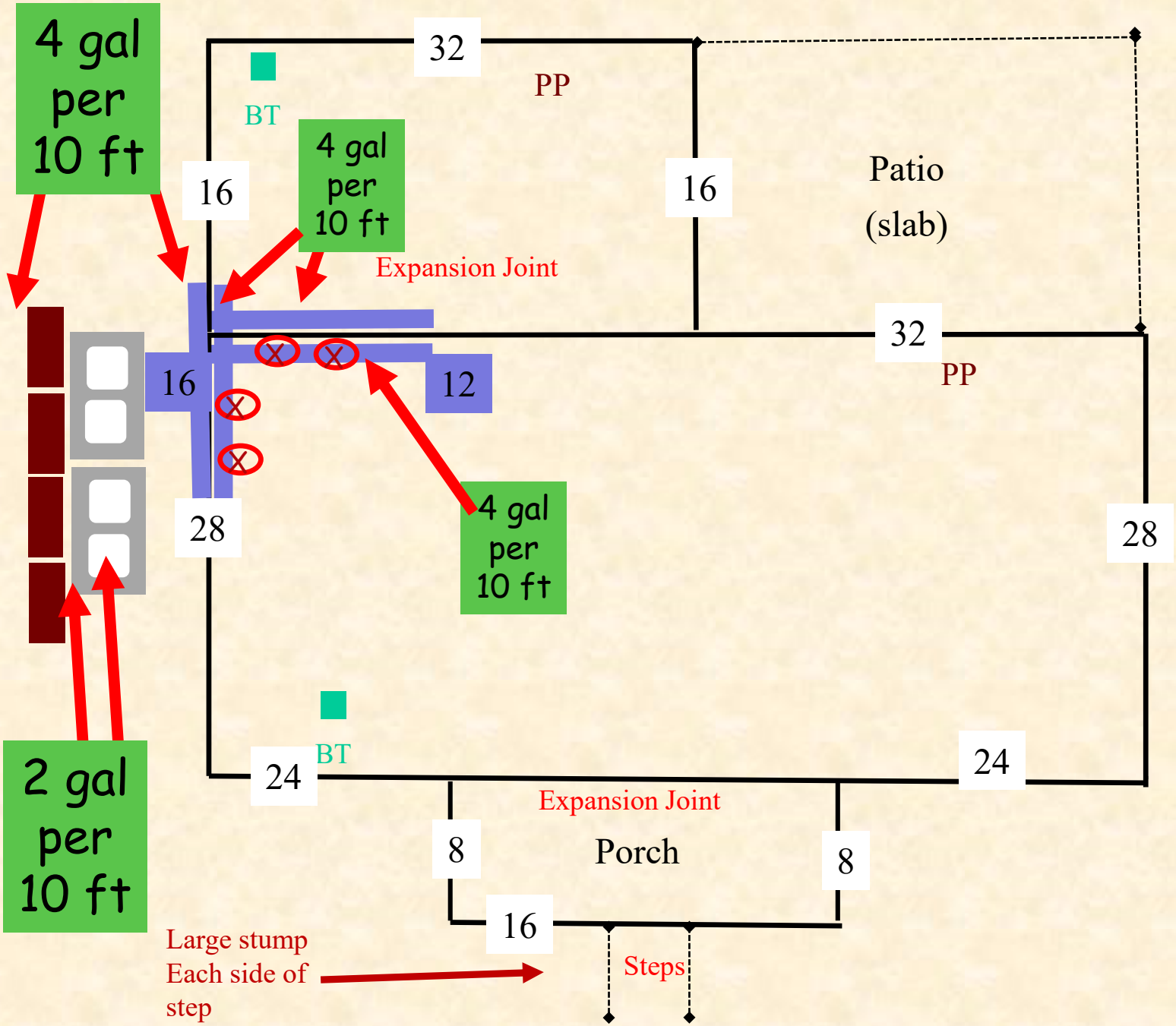
Case 8: **Floating Slab, Bait Stations and Active Infestation treated with liquid termiticide**



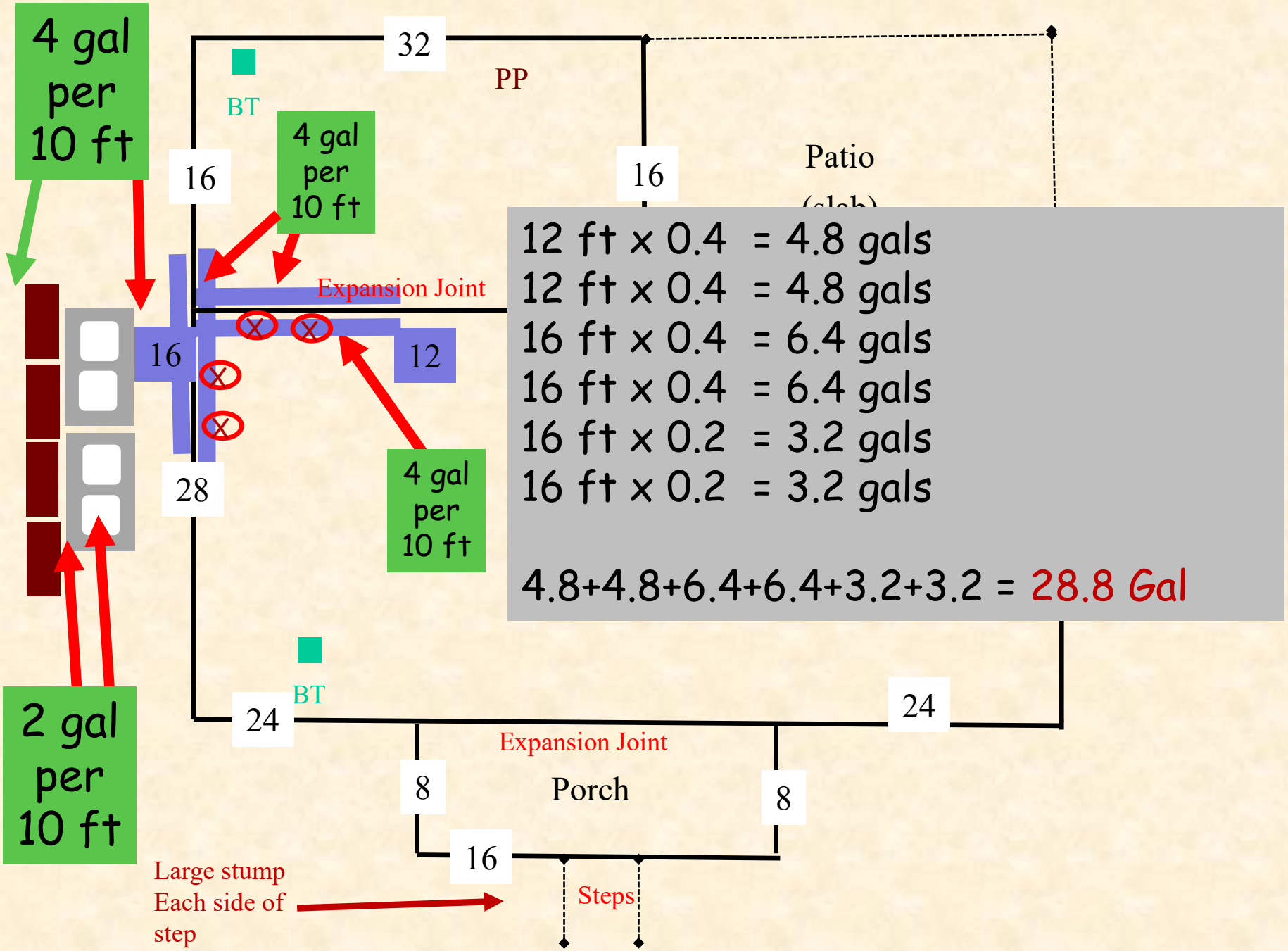
Case 8: **Floating Slab, Bait Stations and Active Infestation, treated with liquid termiticide**



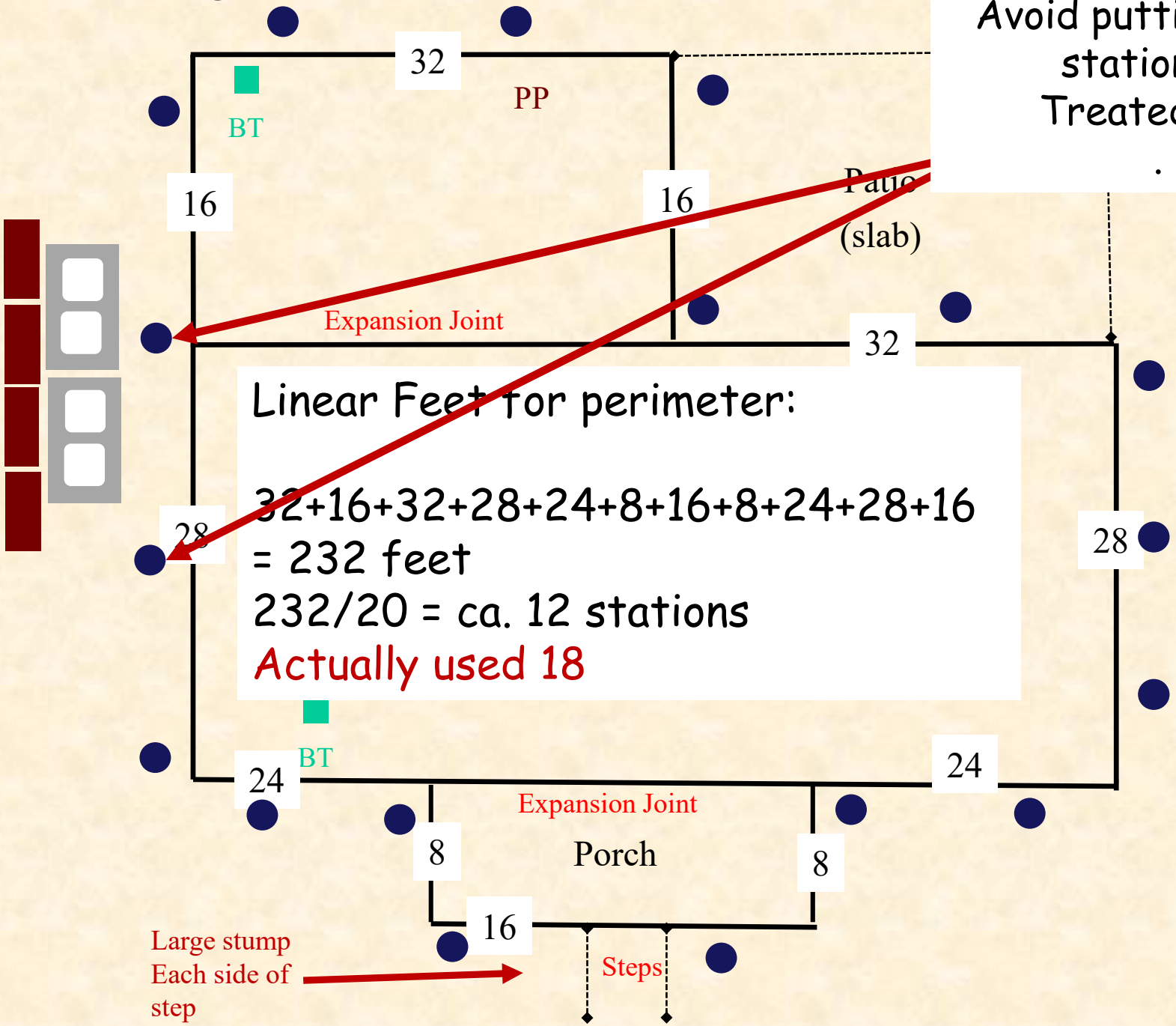
Case 8: **Floating Slab, Bait Stations and Active Infestation**



Case 8: **Floating Slab, Bait Stations and Active Infestation**



Case 7: **Floating Slab, Bait Stations**



Avoid putting these stations in Treated soil.

.

Linear Feet for perimeter:

32+16+32+28+24+8+16+8+24+28+16
= 232 feet
232/20 = ca. 12 stations
Actually used 18

When a BPI inspector does a random inspection on a bait station installation

What is one of the main things he will check?