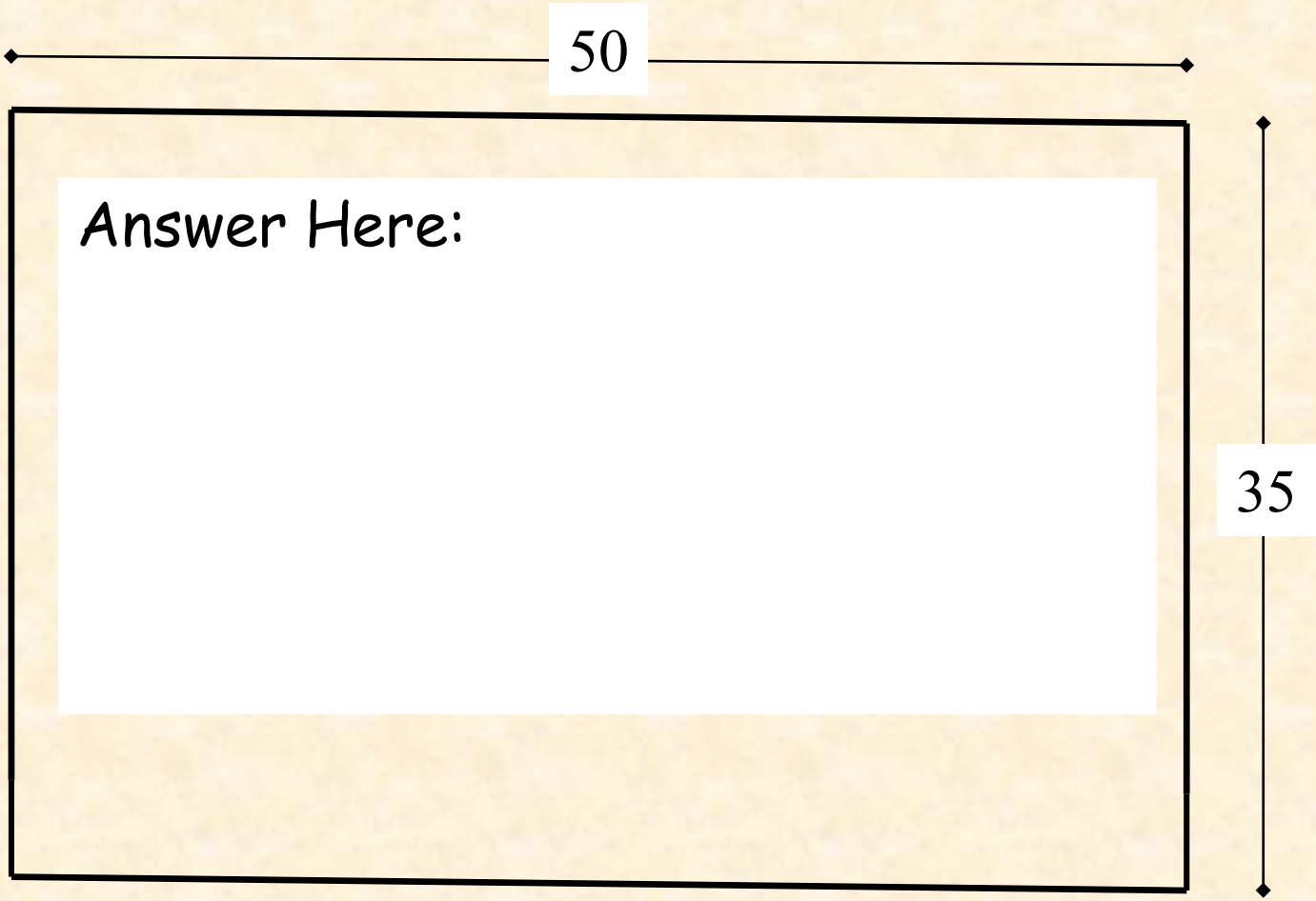
Practice Case 1:

Monolithic Slab

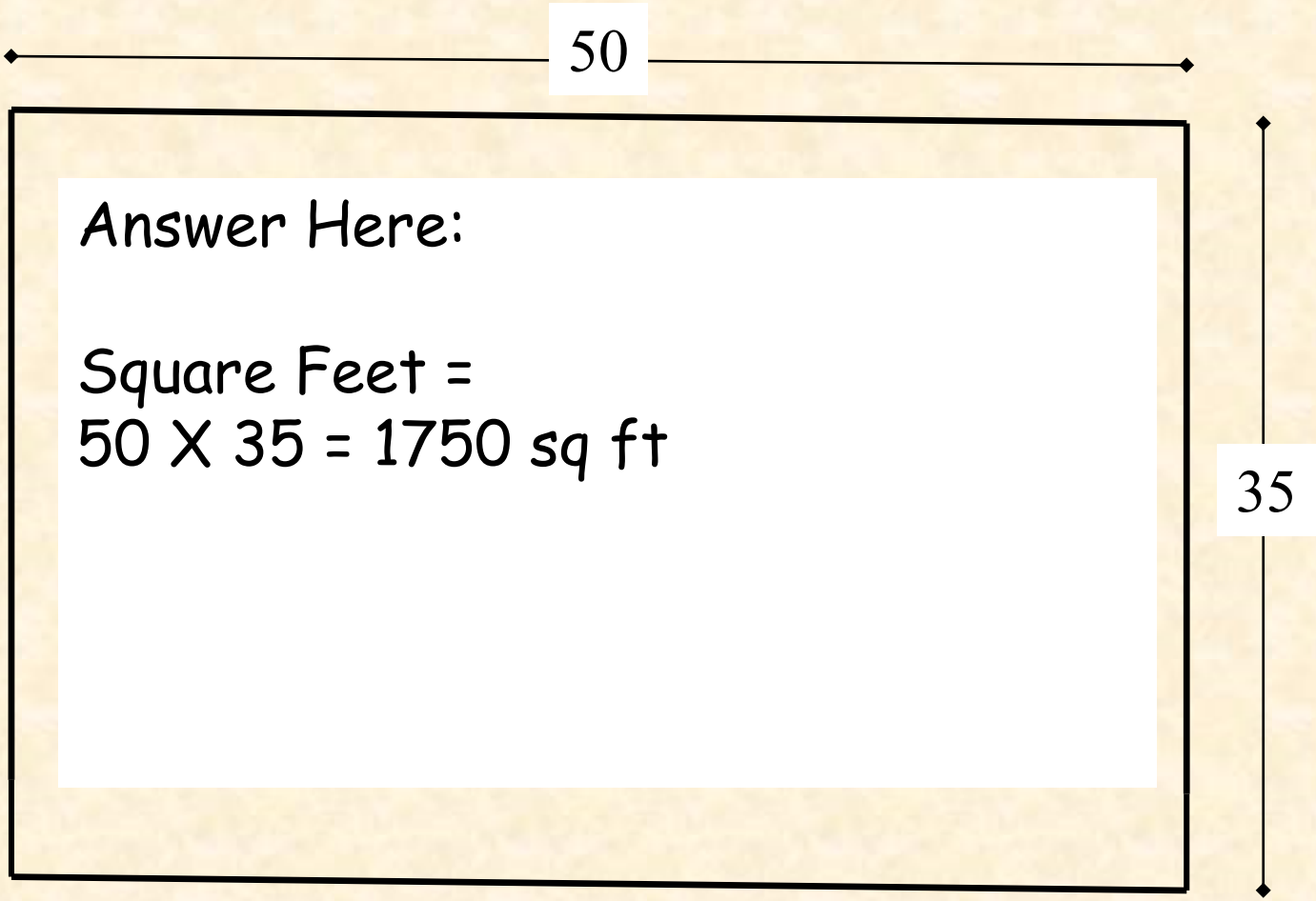
(How many square feet?)



Practice Case 1:

Monolithic Slab

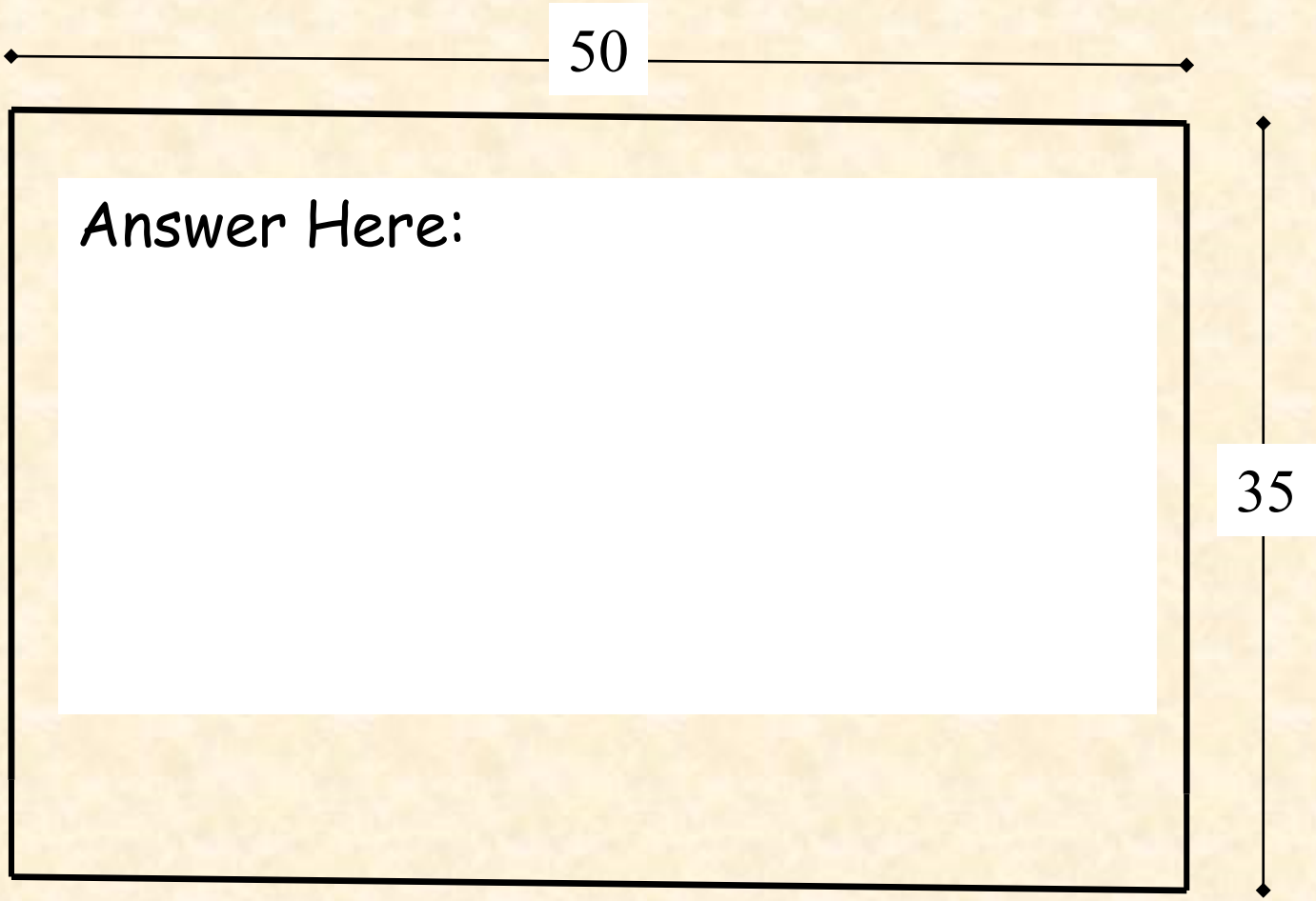
(How many square feet?)



Practice Case 1:

Monolithic Slab

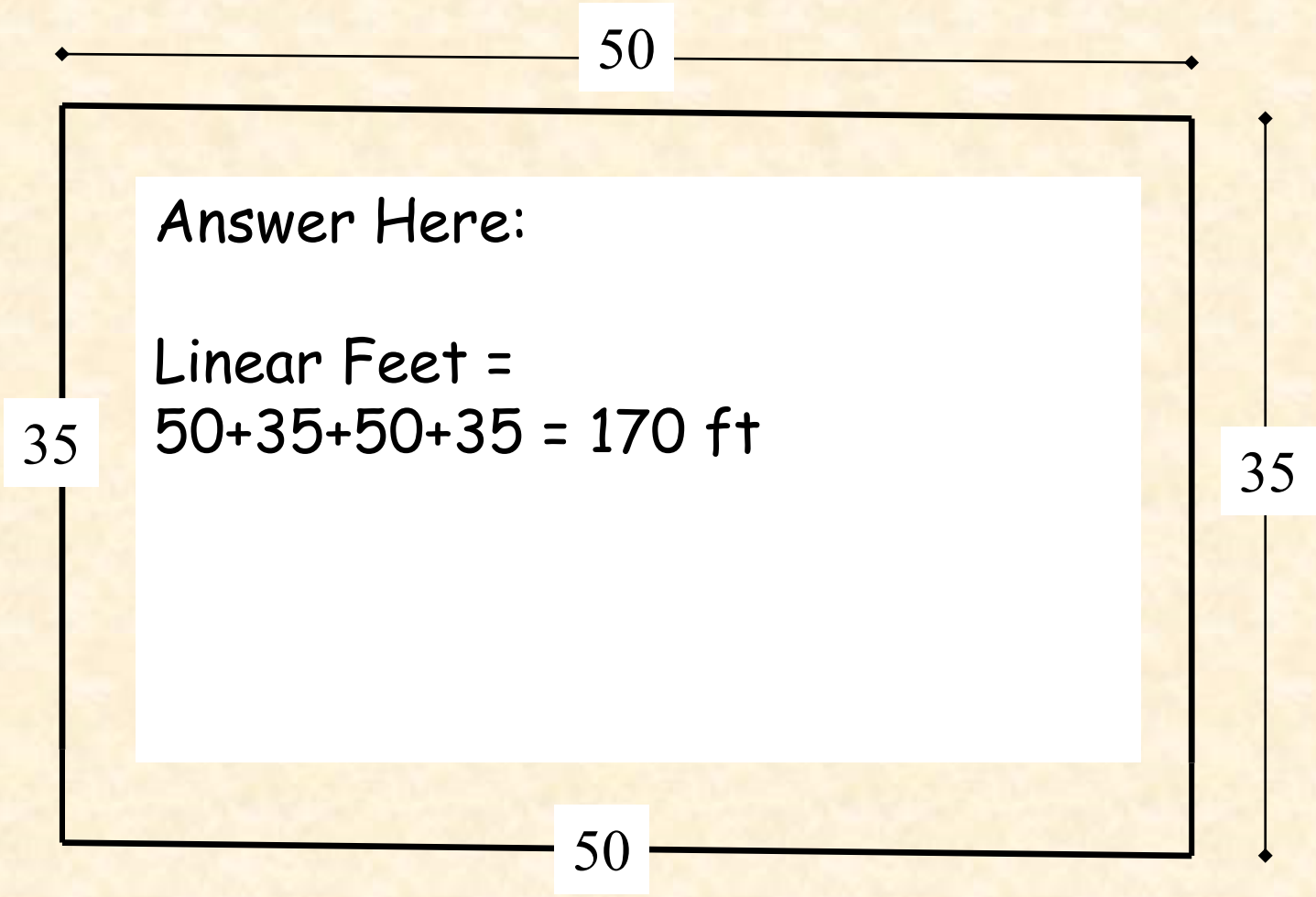
(How many linear feet?)



Practice Case 1:

Monolithic Slab

(How many linear feet?)

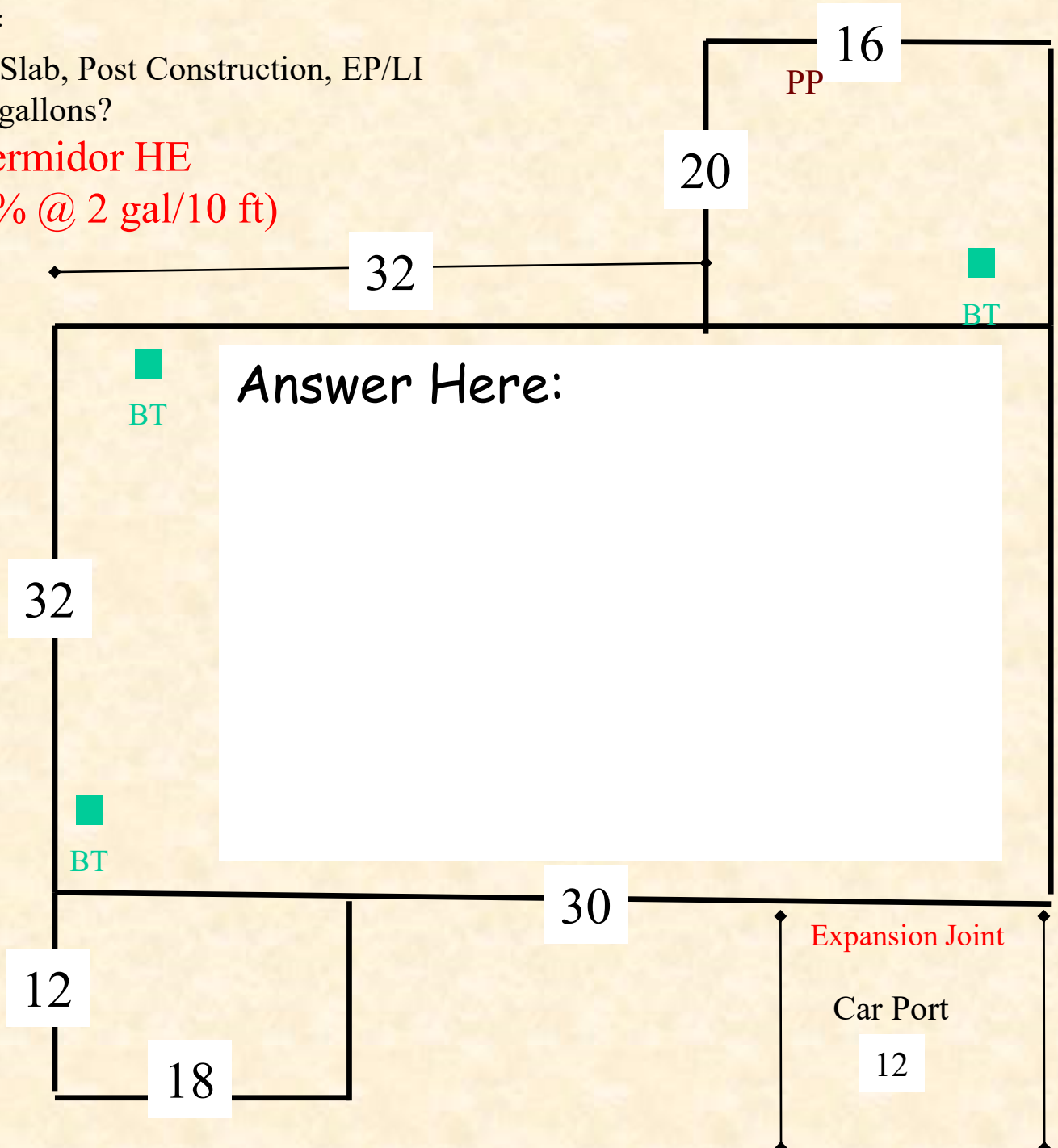


Answer Here:

Linear Feet =
50+35+50+35 = 170 ft

Practice Case 2:

Monolithic Slab, Post Construction, EP/LI
How many gallons?
(Using Termidor HE
So 0.125% @ 2 gal/10 ft)



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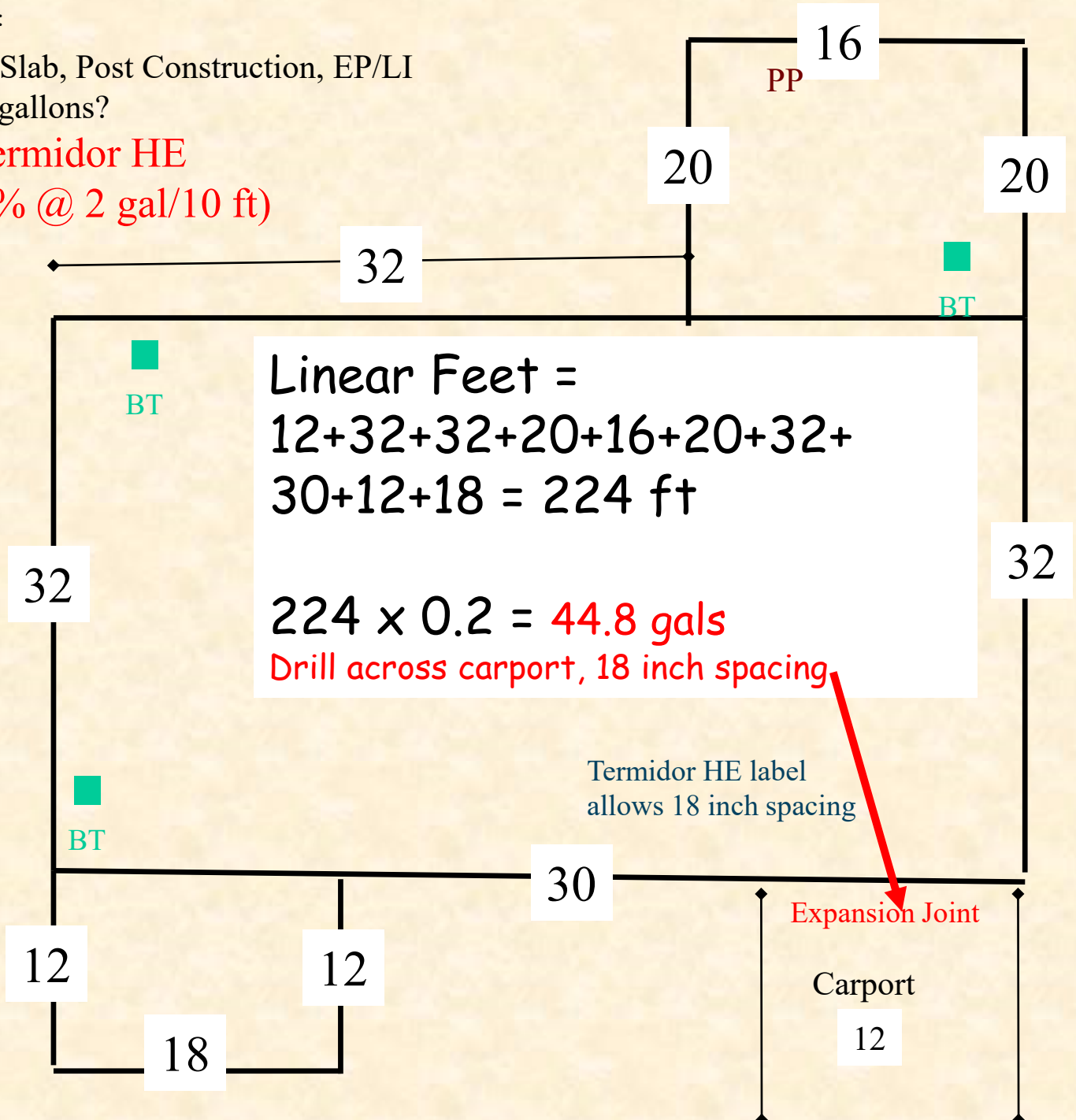
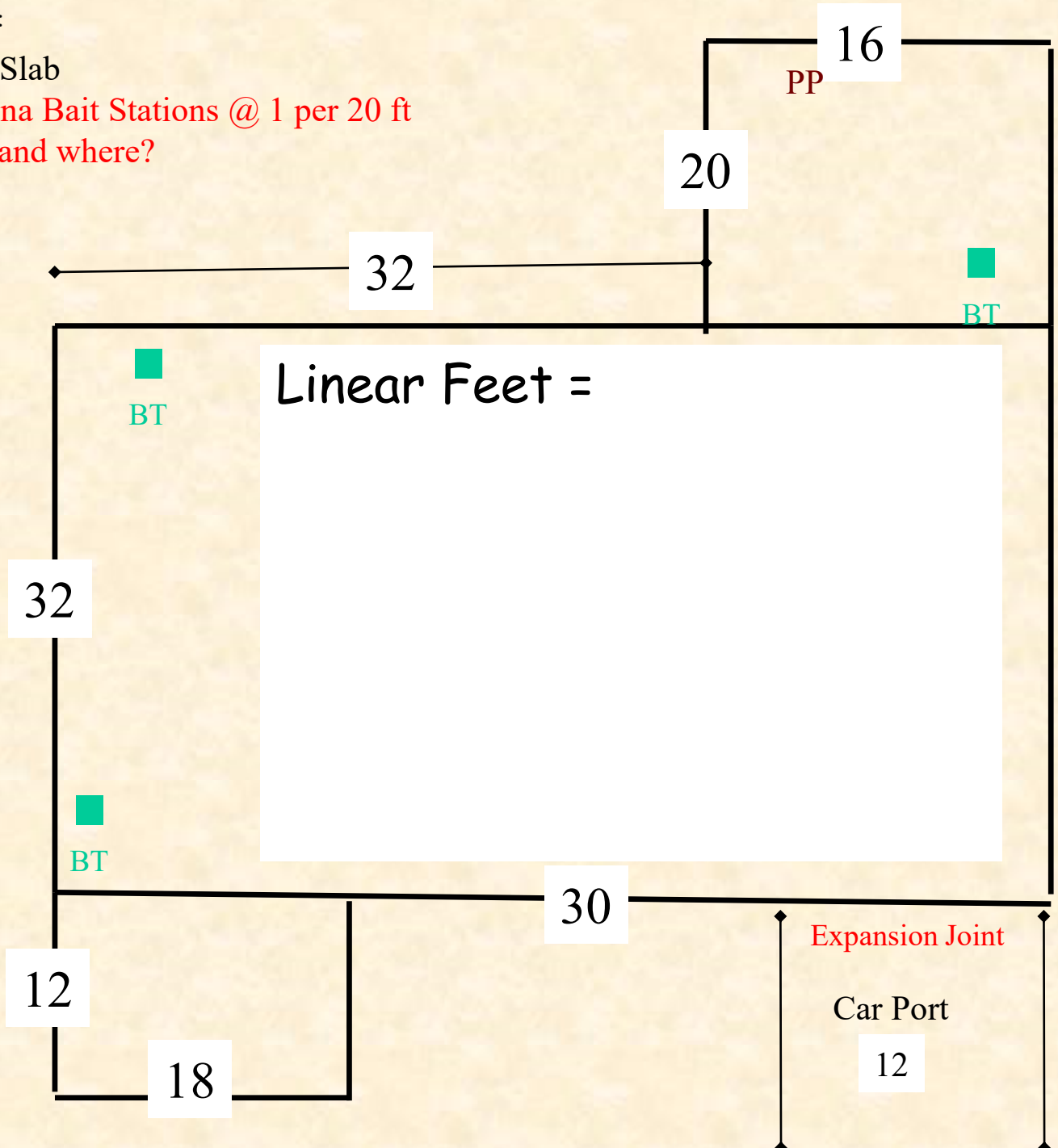


Practice Case 3:

Monolithic Slab

Using Trelona Bait Stations @ 1 per 20 ft

How many and where?

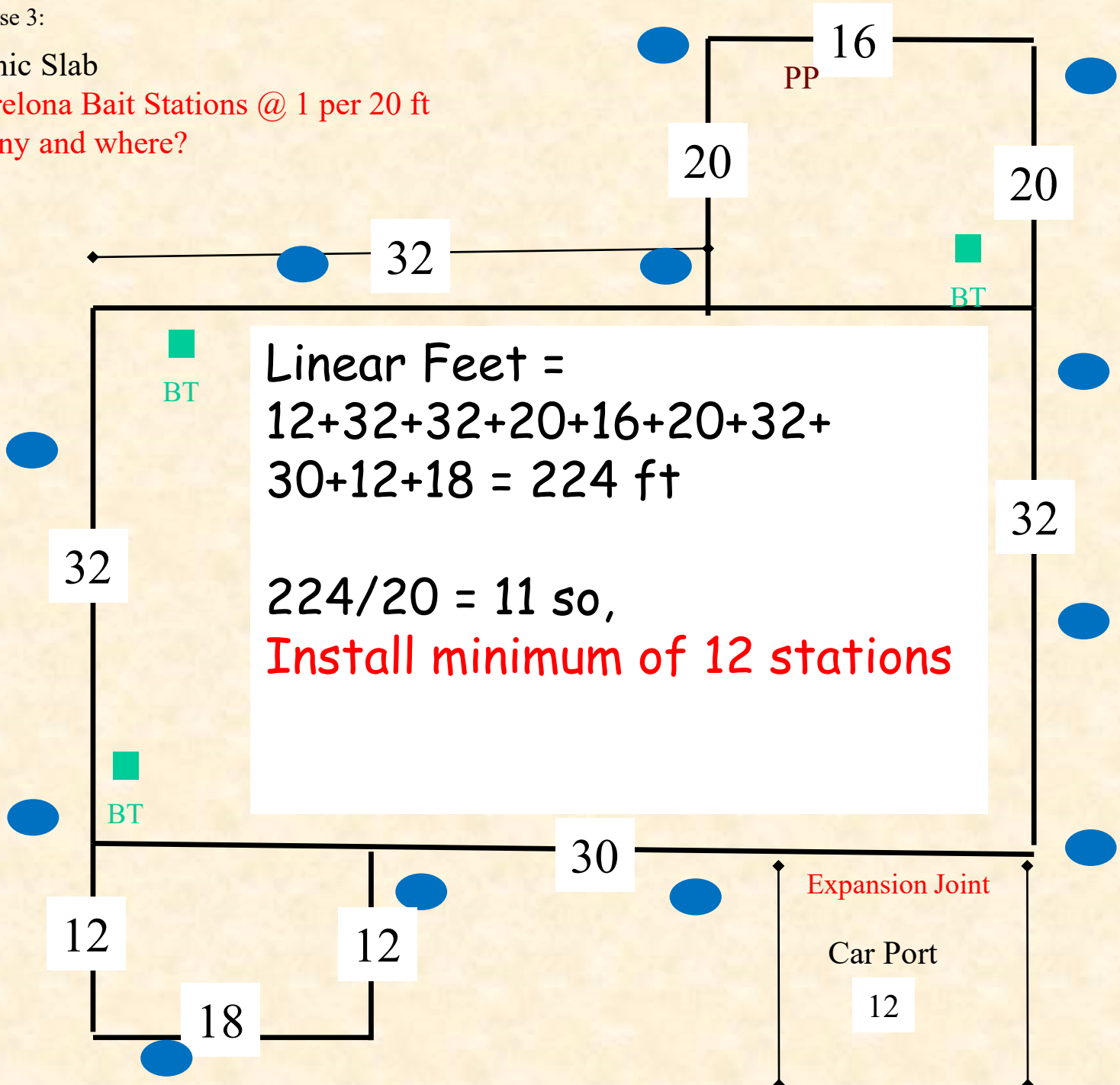


Practice Case 3:

Monolithic Slab

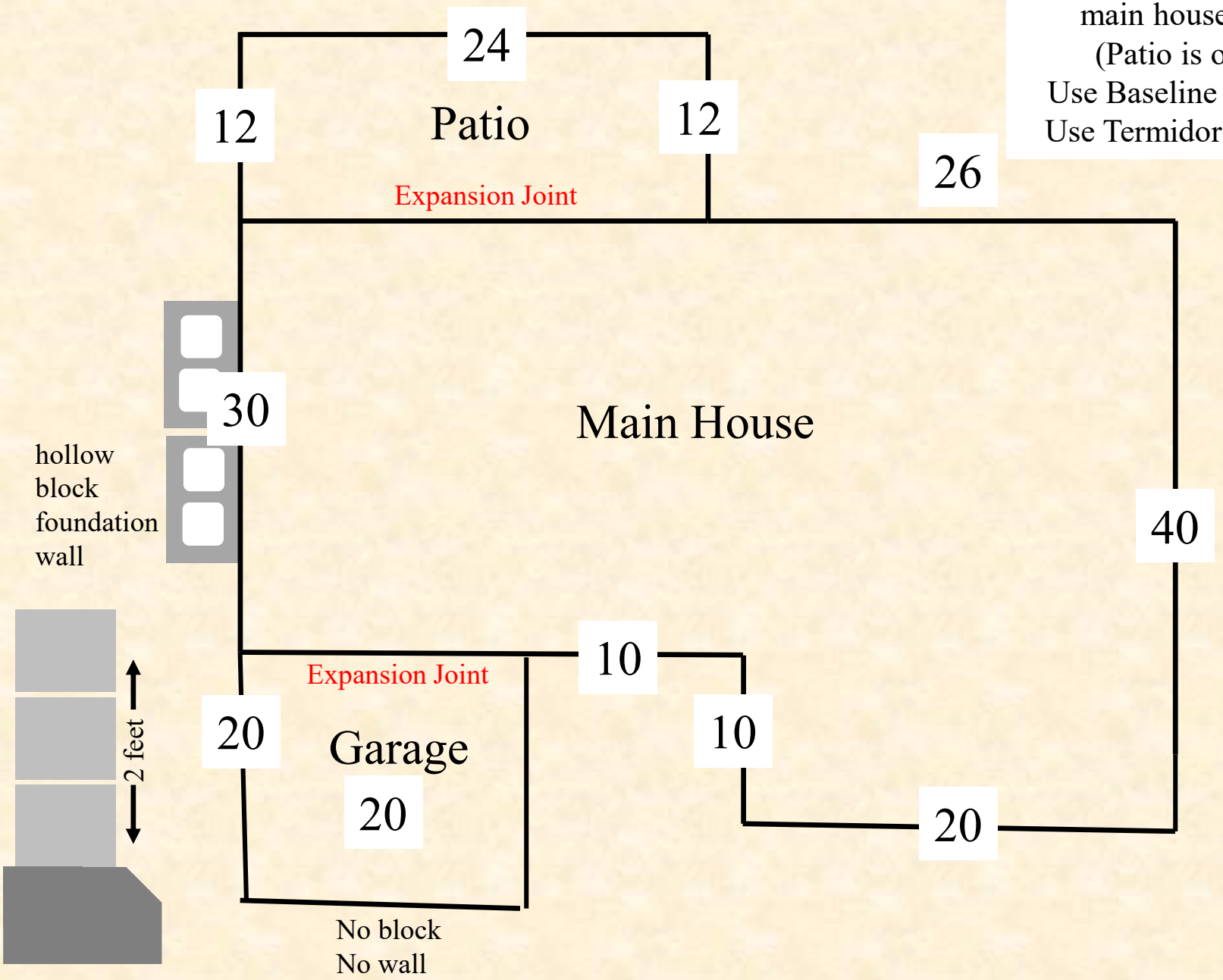
Using Trelona Bait Stations @ 1 per 20 ft

How many and where?



Practice Case 4:

Pre-treat: Floating Slab with
2 ft interior fill for
main house & garage
(Patio is on grade)
Use Baseline for all trip 1
Use Termidor SC for final



Practice Case 4:

Case 4: Pre-treat on a Floating Slab with 2 ft interior fill for main house and garage

Determine the gallons required for each step of this pre-treatment:

1} gallons for horizontal barrier under main house

2} gallons for horizontal barrier under garage

3} gallons for vertical barrier on interior walls of main house (note it is 2 ft deep)

4}gallons for vertical barrier on 3 interior garage walls (also 2 ft deep, no wall on front,)

5}gallons for final exterior perimeter (@ 4 gal/10 ft) (Mark areas that must be drilled)

6} total gallons required for pretreat

Pre-slab Trip =

Final Perimeter Trip: =

Total Gallons: =

Practice Case 4:

Pre-treat: Floating Slab with
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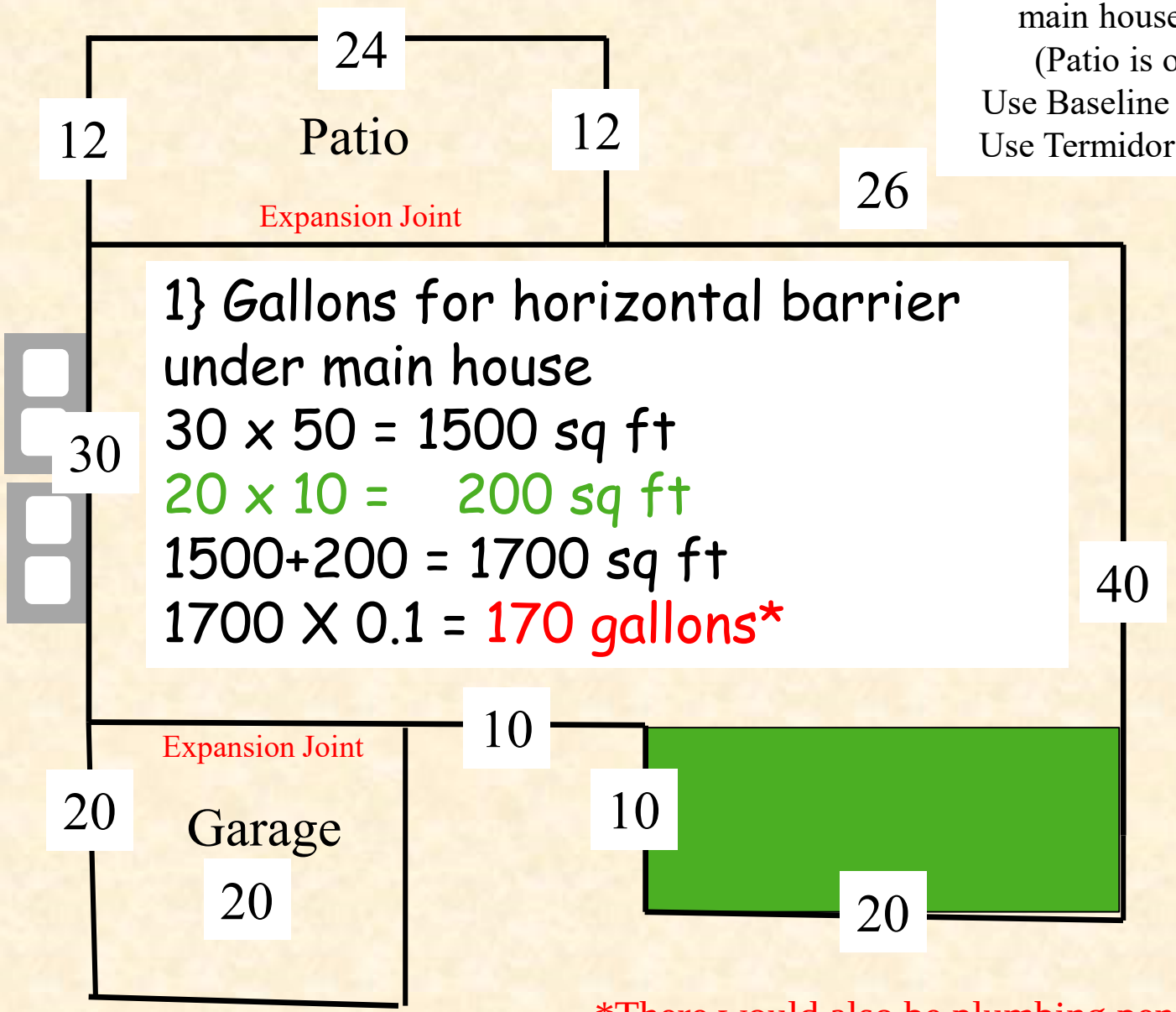

*There would also be plumbing penetrations to treat @ 1 gal/sq ft.

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Pre-treat: Floating Slab with 2 ft interior fill for main house & garage (Patio is on grade)
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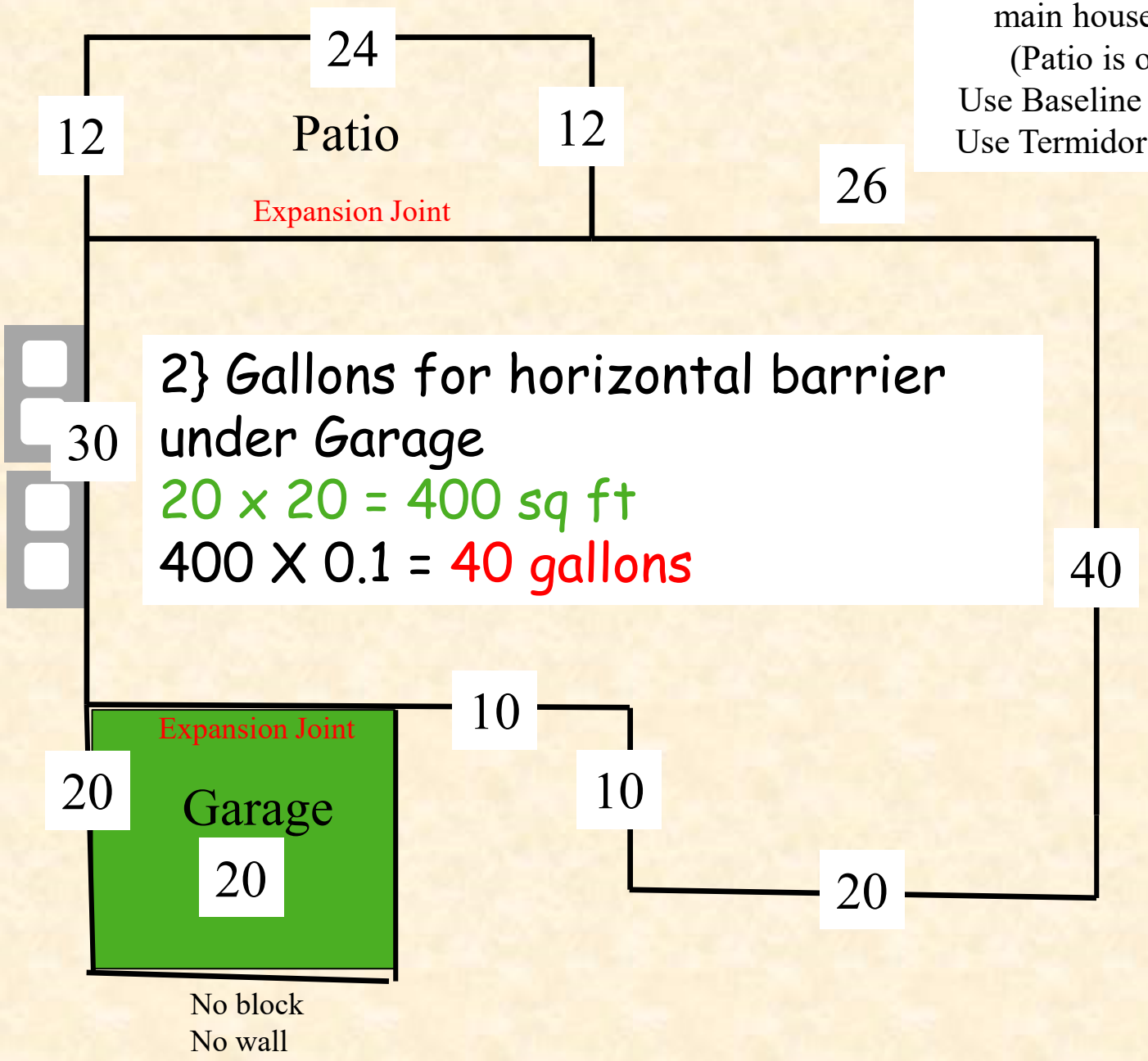

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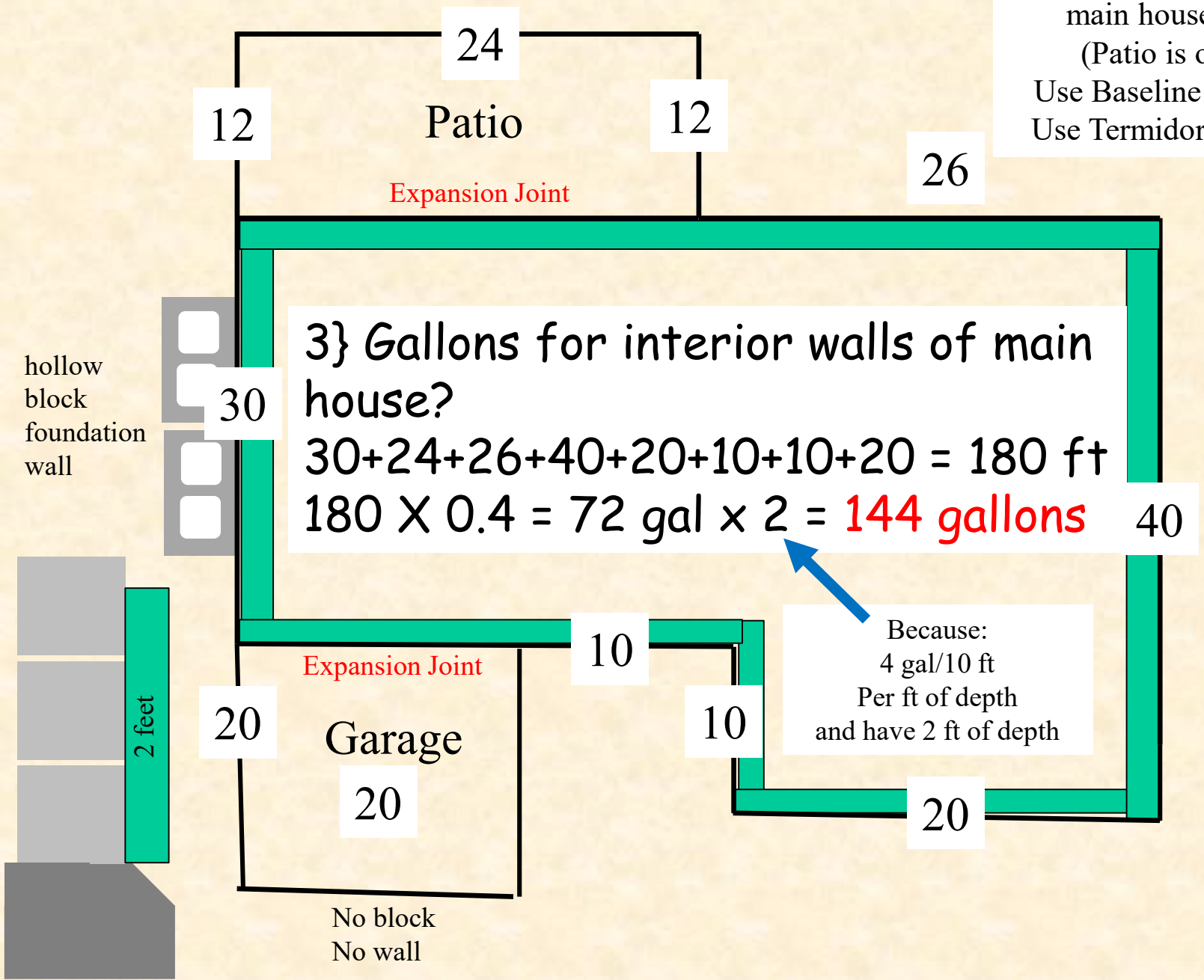

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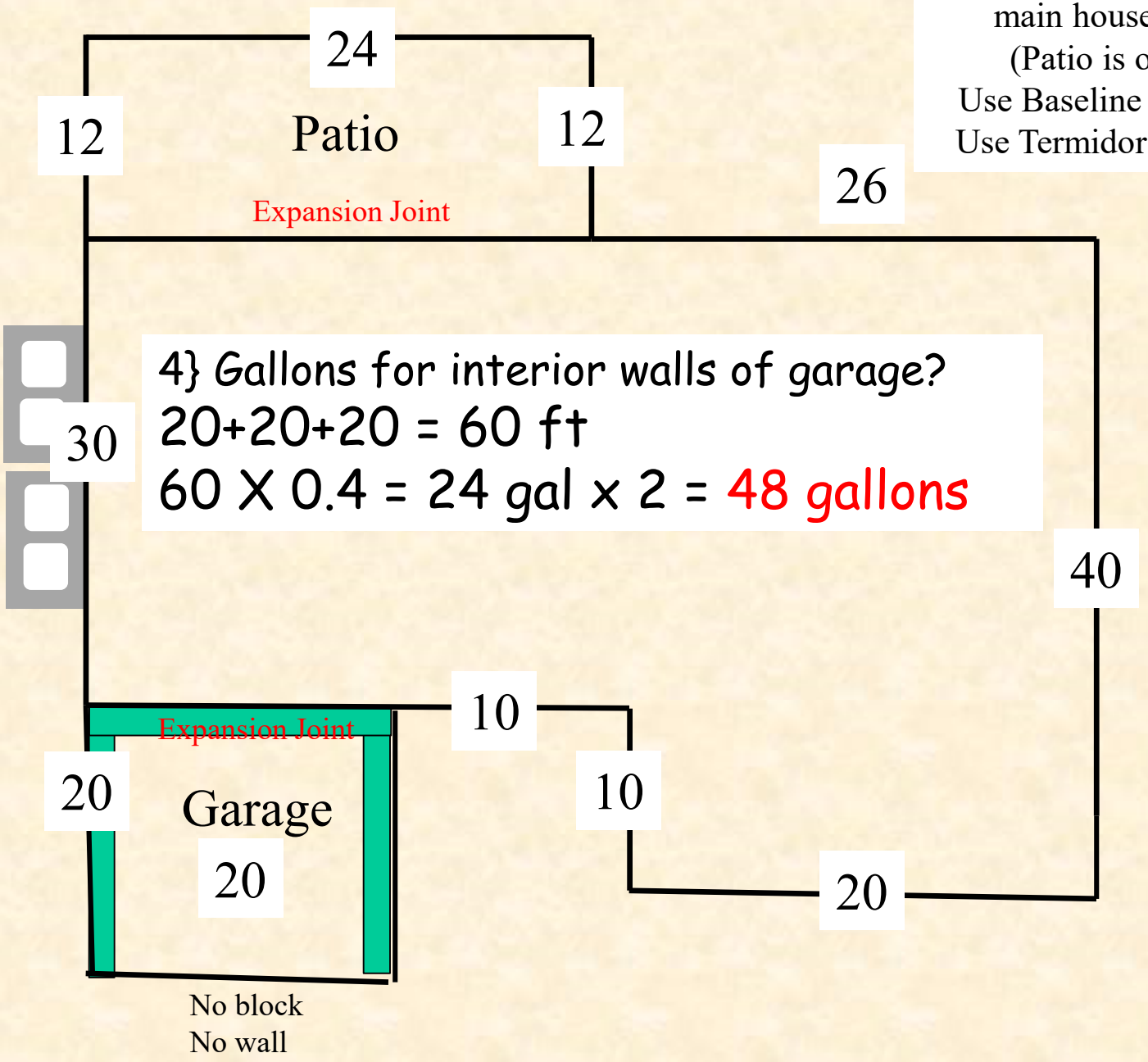

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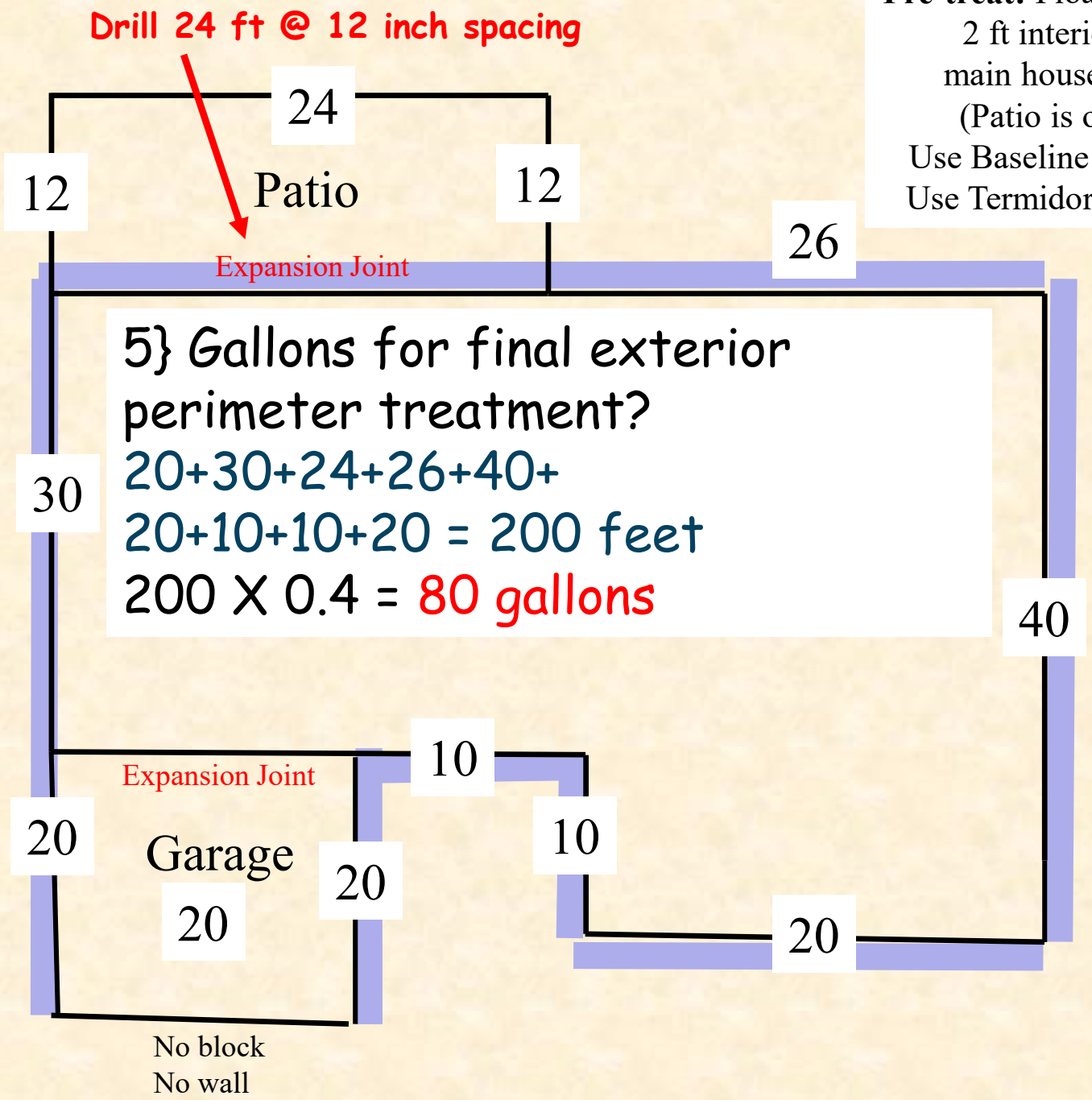
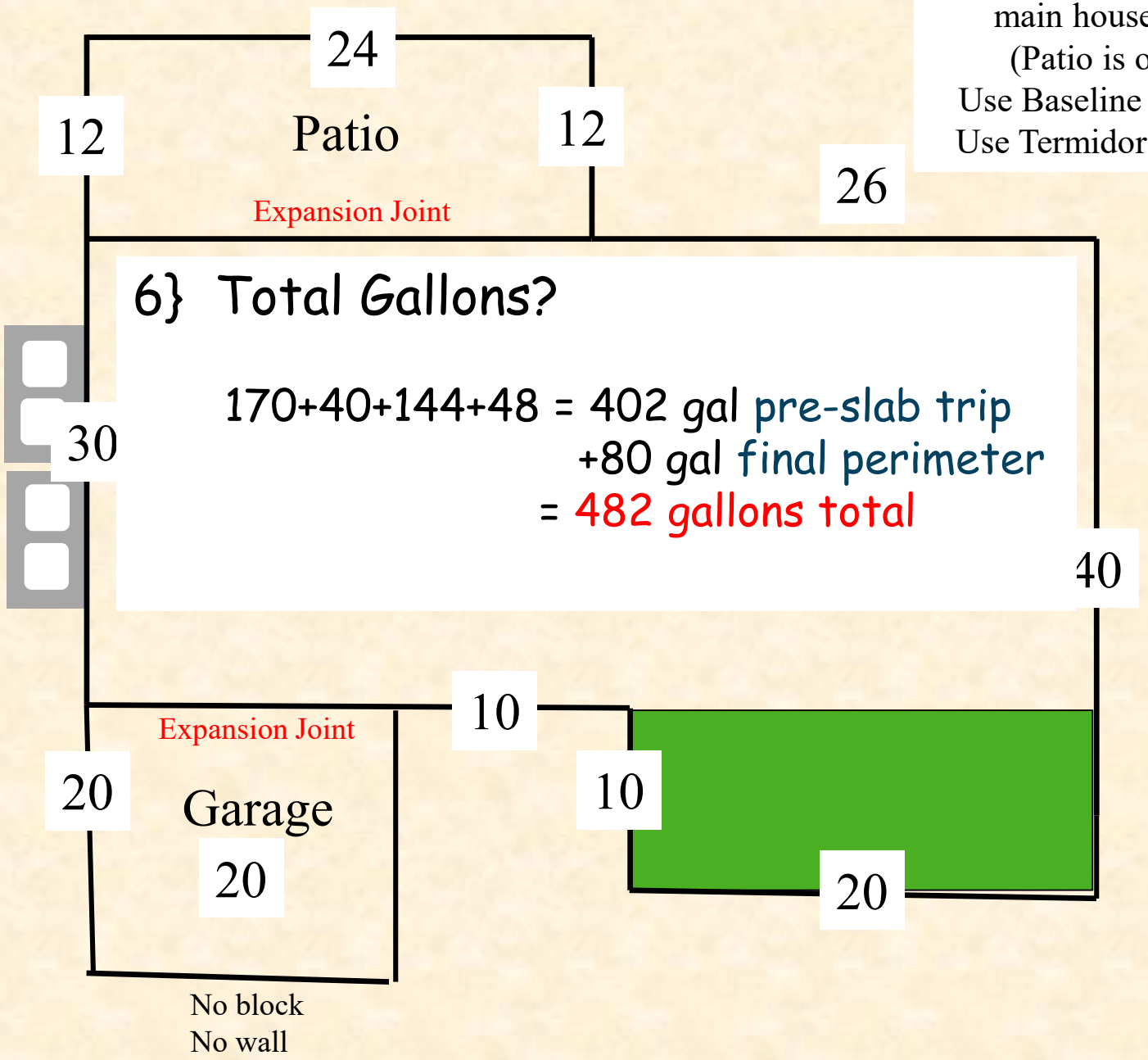


hollow block foundation wall

Practice Case 4:

Pre-treat: Floating Slab with
2 ft interior fill for
main house & garage
(Patio is on grade)
Use Baseline for all trip 1
Use Termidor SC for final



6} Total Gallons?

170+40+144+48 = 402 gal pre-slab trip
+80 gal final perimeter
= 482 gallons total

Practice Case 4:

Case 4: Pre-treat on a Floating Slab with 2 ft interior fill for main house and garage

Determine the gallons required for each step of this pre-treatment:

1} gallons for horizontal barrier under main house
30 x 50 = 1500 sq ft plus 20 x 10 = 200 sq ft 1500 + 200 = 1700 sq ft
1700 sq ft x 0.1 gal. = 170 gals.
(There would also be plumbing penetrations to treat @ 1 gal/sq ft.)

2} gallons for horizontal barrier under garage
20 x 20 = 400 sq ft 400 x 0.1 = 40 gal

3} gallons for vertical barrier on interior walls of main house (note it is 2 ft deep)
30+50+40+20+10+10+20=180 linear ft x 0.4 gal = 72 gal x 2 = 144 gal

4}gallons for vertical barrier on 3 interior walls of garage (also 2 ft deep, but no wall on front,)
20+20+20 = 60 ft x 0.4 gal = 24 gal x 2 = 48 gal

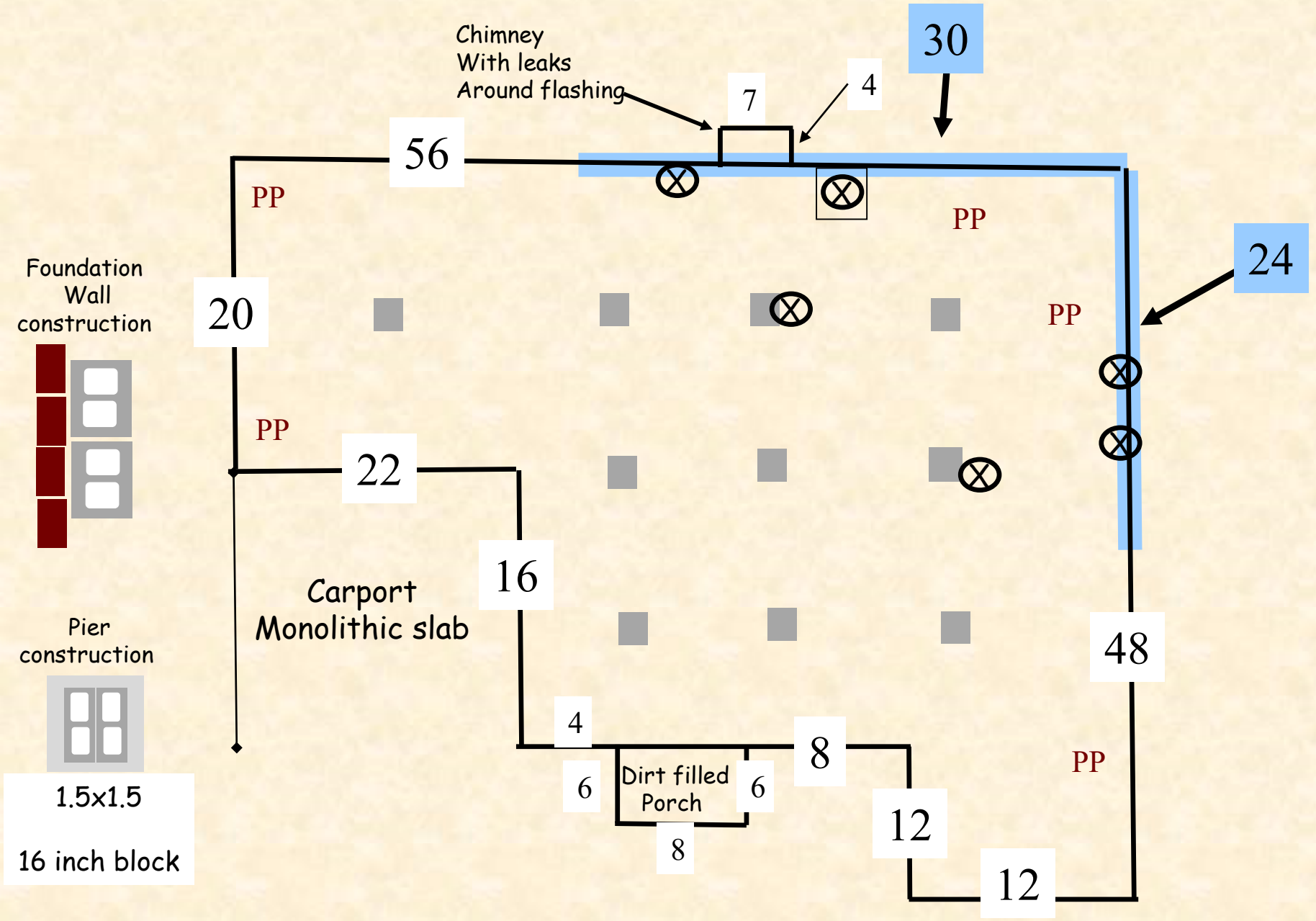
5}gallons for final exterior perimeter (assume 4 gal/10 ft) (Mark areas that must be drilled)
20+30+24+26+40+20+10+10+20 = 200 linear ft x 0.4 gal/ft = 80 gal.
- Drill 24 ft on patio @ 12 inch spacing

6} total gallons required for this pretreat
Pre-slab Trip : 170 + 40 + 144 + 48 + 44 = 402 gals
Final Perimeter Trip: = 80 gal
Total Gallons: = 482 gal

Practice Case 5:

Conventional Foundation

(EP/LI Treatment with Termidor SC, & active infestation, Formosans)



Practice Case 5: EP/LI with Termidor SC on conventional foundation, with active Formosan termites

1} How many gallons for the exterior perimeter treatment?

2} How many gallons for the piers (perimeter and voids)?

3} How many gallons for plumbing penetrations?

4} How many gallons for the inner foundation wall, in infested area?

5} How many gallons for masonry voids in foundation wall, in infested area?
2 voids, behind brick and inside hollow block @ 2 gal/10 ft

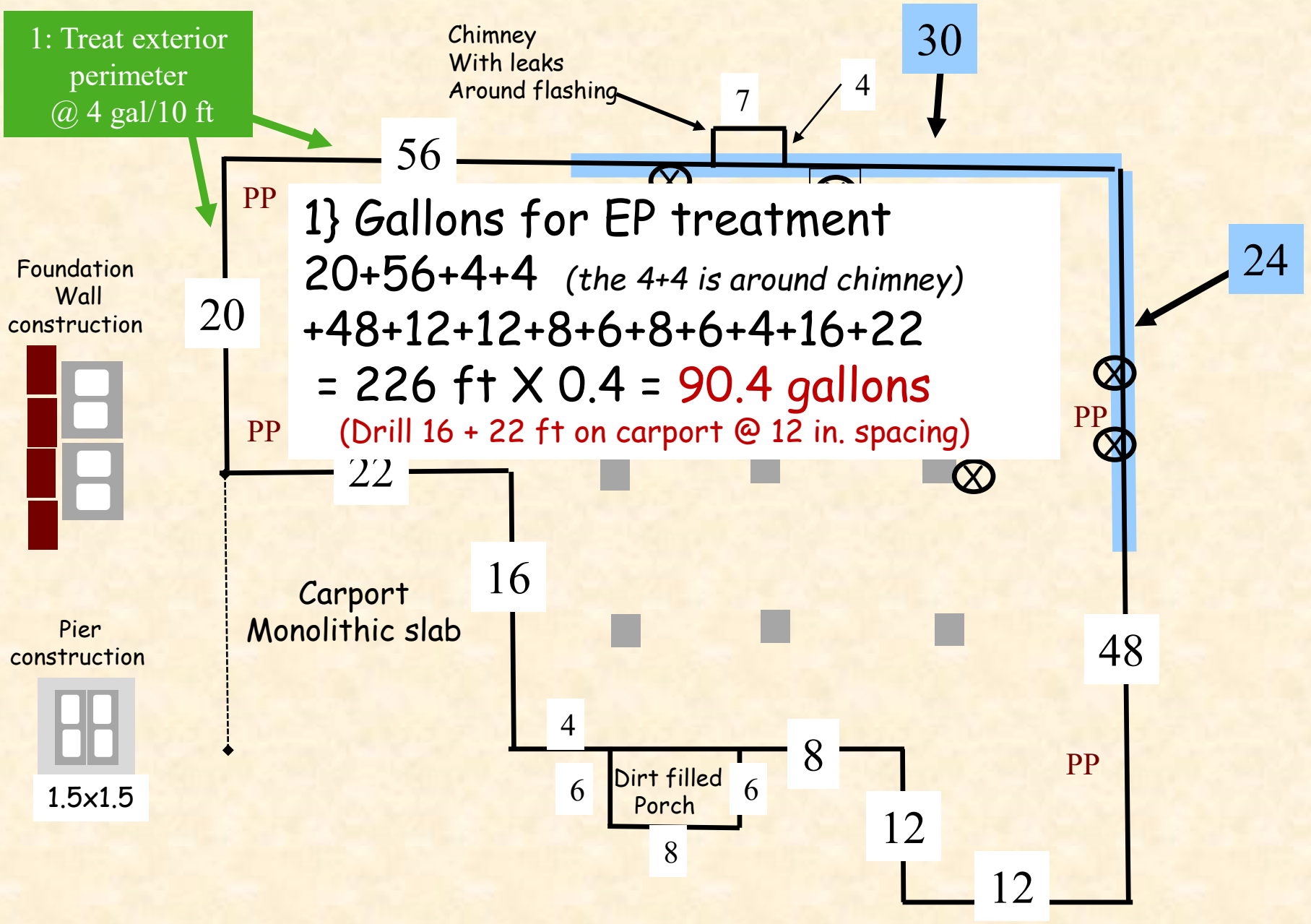
6} What is total gallons for job?

7} These are Formsan termites. Are there any areas you might consider foaming?
If so, where?

Practice Case 5:

Conventional Foundation

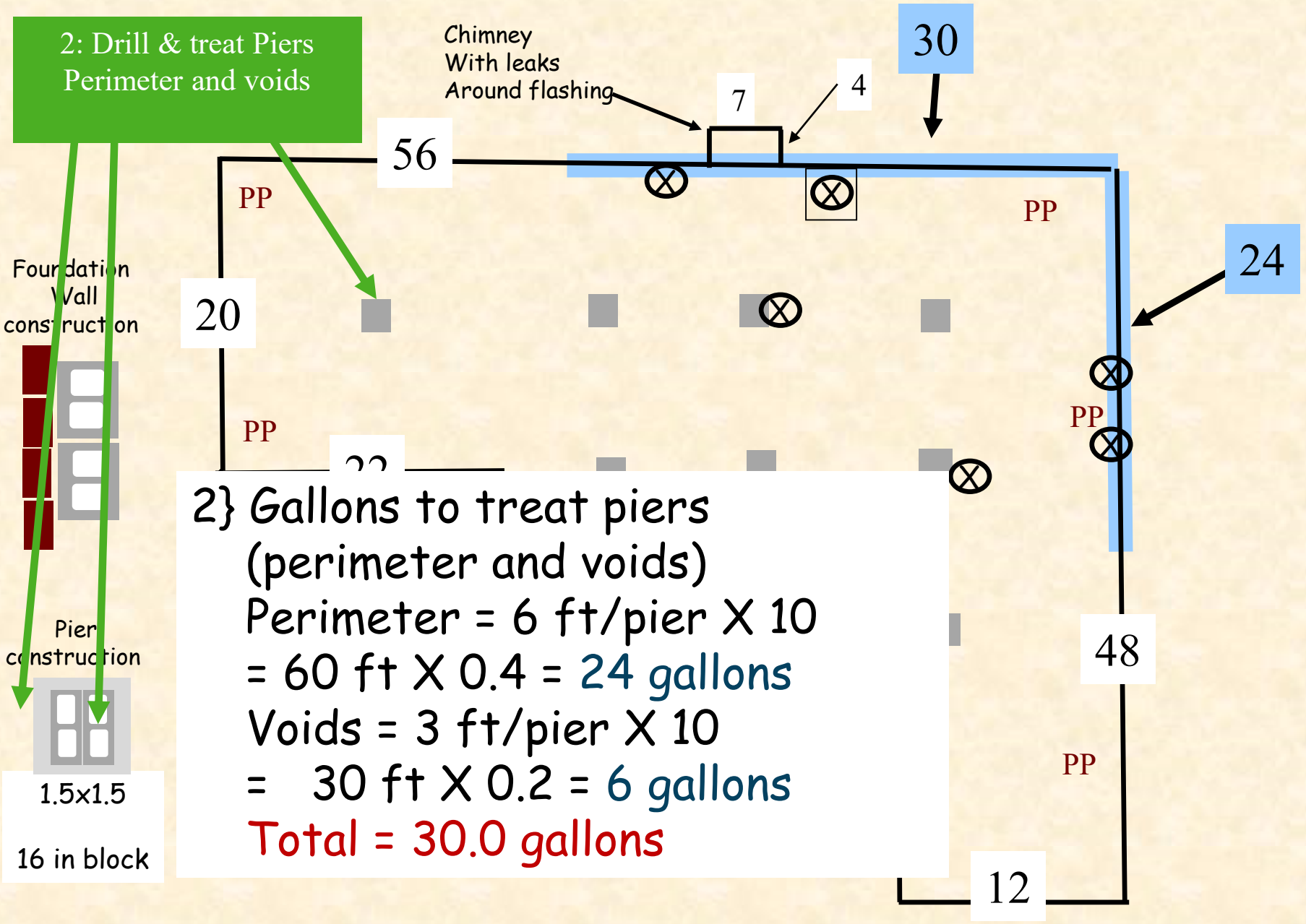
(EP/LI Treatment with Termidor SC, & active infestation, Formosans)



Practice Case 5:

Conventional Foundation

(EP/LI Treatment with Termidor SC, & active infestation, Formosans)

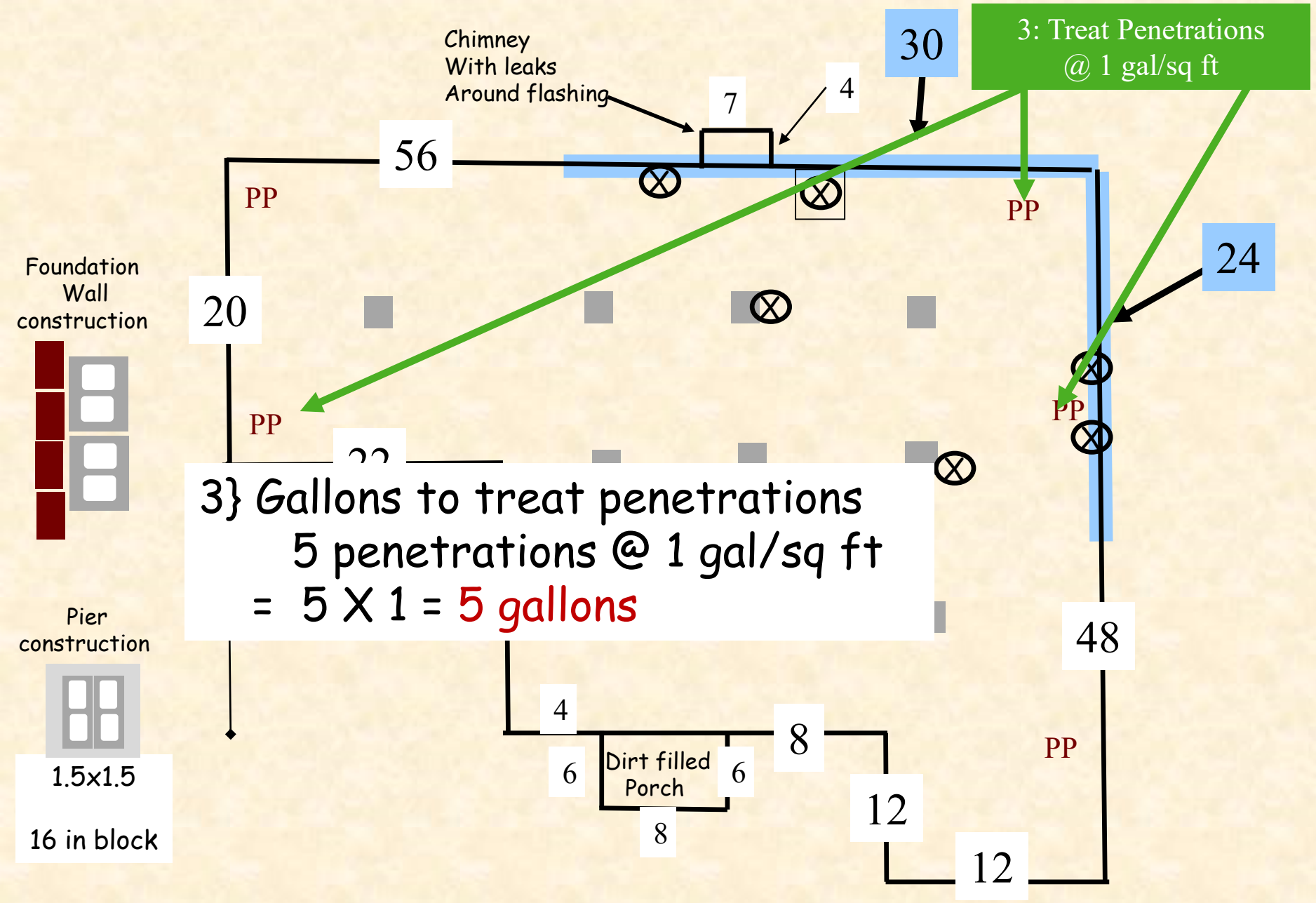


2} Gallons to treat piers
(perimeter and voids)
Perimeter = 6 ft/pier X 10
= 60 ft X 0.4 = 24 gallons
Voids = 3 ft/pier X 10
= 30 ft X 0.2 = 6 gallons
Total = 30.0 gallons

Practice Case 5:

Conventional Foundation

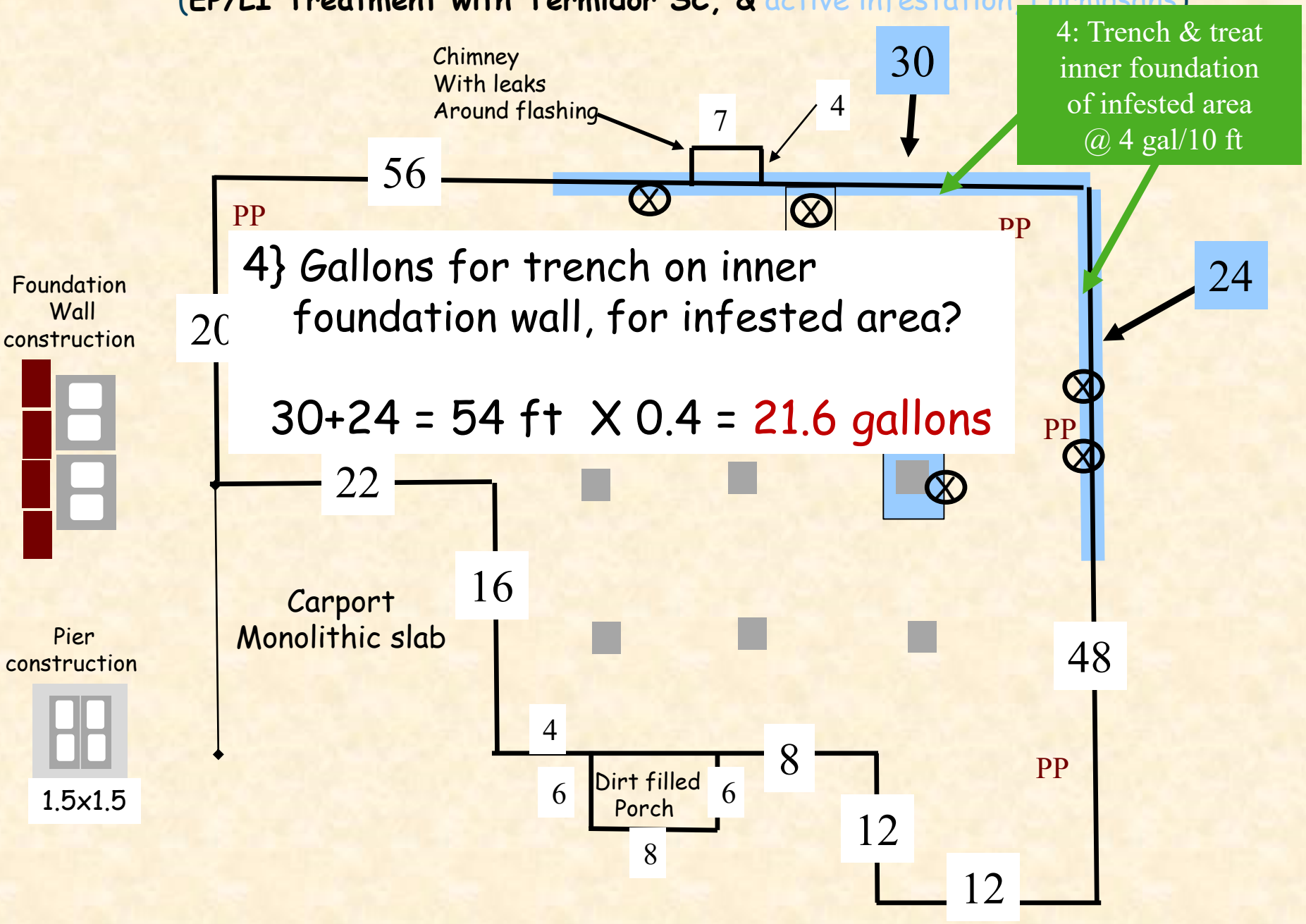
(EP/LI Treatment with Termidor SC, & active infestation, Formosans**)**



Practice Case 5:

Conventional Foundation

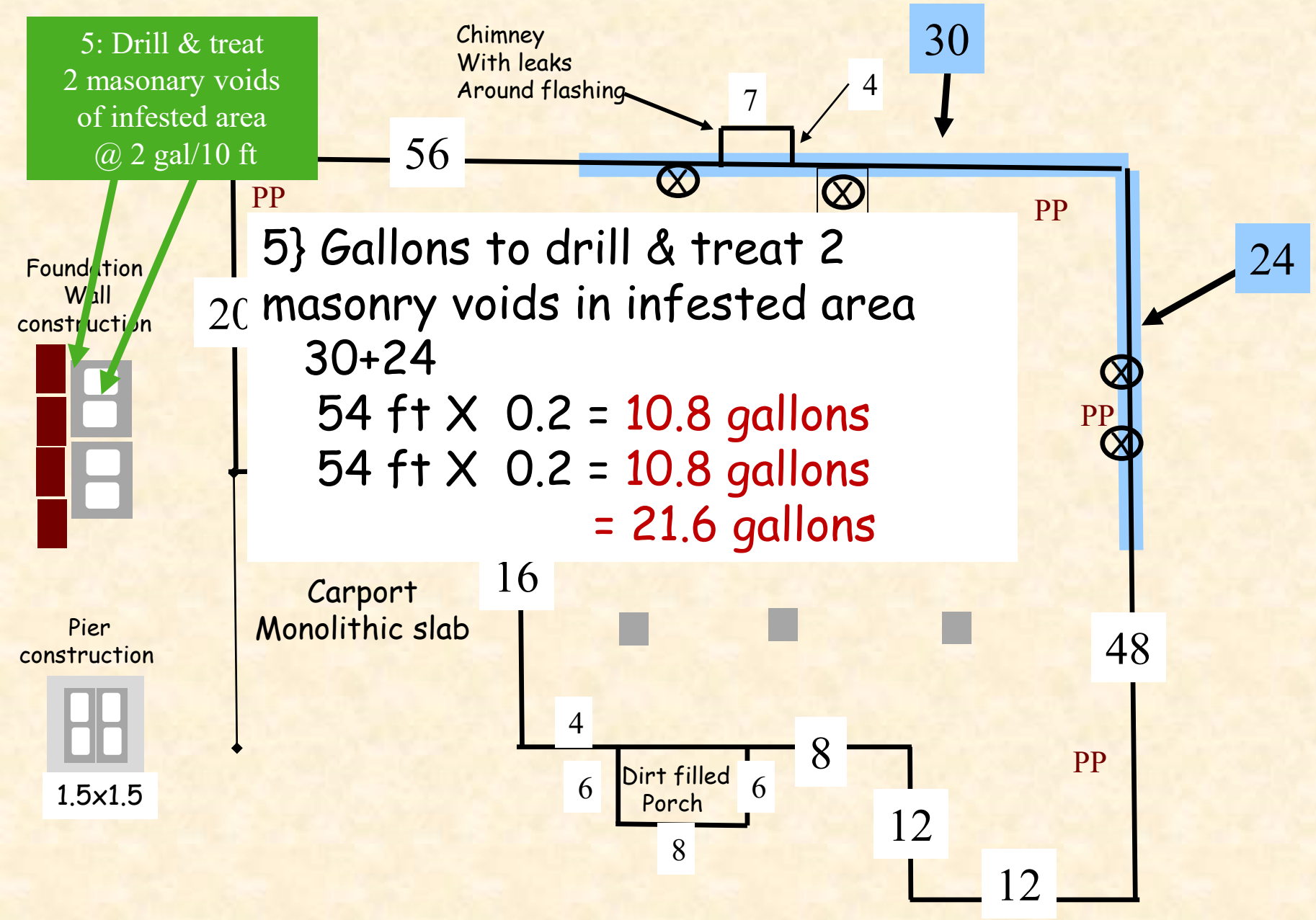
(EP/LI Treatment with Termidor SC, & active infestation Formosans)



Practice Case 5:

Conventional Foundation

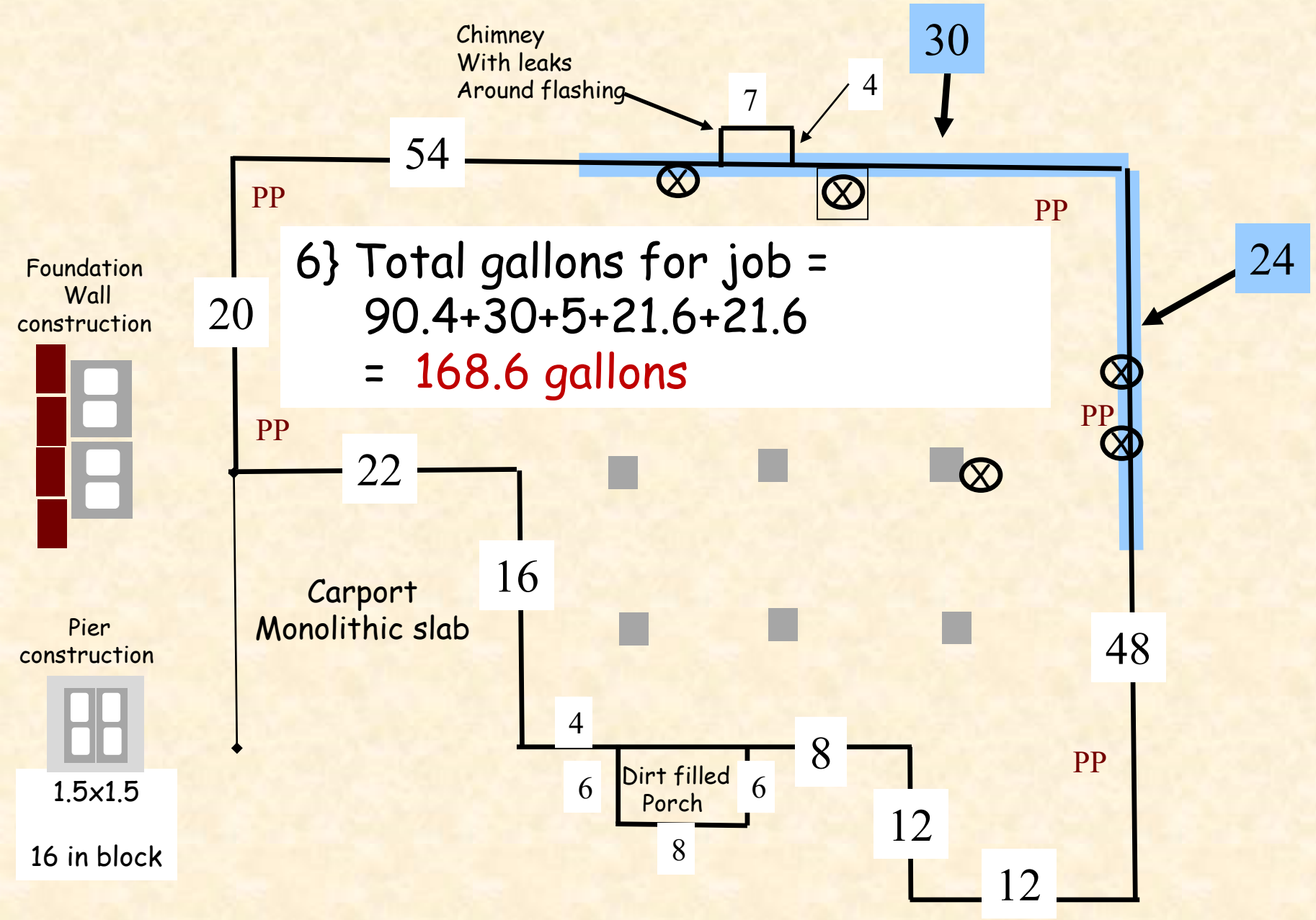
(EP/LI Treatment with Termidor SC, & active infestation, Formosans)



Practice Case 5:

Conventional Foundation

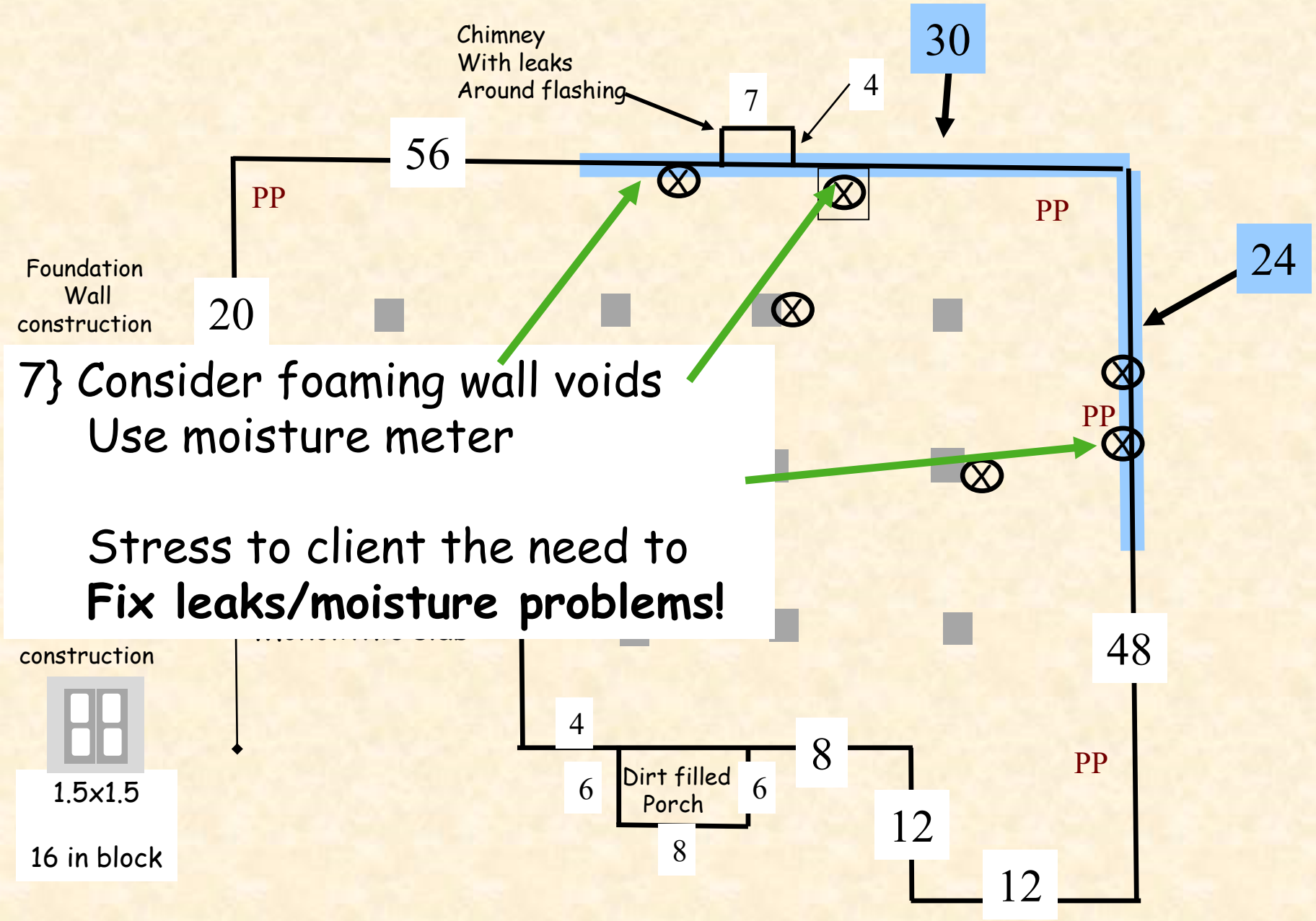
(EP/LI Treatment with Termidor SC, & active infestation, Formosans)



Practice Case 5:

Conventional Foundation

(EP/LI Treatment with Termidor SC, & active infestation, Formosans**)**



Practice Case 5: EP/LI with Termidor SC on conventional foundation,,with active Formosan termites

1} How many gallons for the exterior perimeter treatment?
Trench/drill and treat exterior perimeter @ 4 gal/10 ft
20+56+4+4+48+12+12+8+6+8+6+4+16+22 = 224 linear feet x 0.4
= 90.4 gallons (drill 16 ft + 22 ft on carport @ 12 inch spacing)

2} How many gallons for the piers (perimeter and voids)?
Trench and treat perimeter of 10 piers @ 4 gal/10 ft (6 ft per pier)
10 piers @ 6 ft/pier = 60 ft x 0.4 = 24 gallons for perimeters

Treat voids of 10 piers @ 2 gal/10 ft (3 ft per pier)
10 piers @ 3 ft/pier = 30 ft x 0.2 = 6 gallons for voids So, 24 + 16 = 30 gallons total for piers

3} How many gallons for plumbing penetrations?
Treat 5 penetrations @ 1 gallon/sq ft
5 x 1 gallon = 5 gallons

4} How many gallons for the inner foundation wall, in infested area?
Trench and treat inner foundation wall @ 4 gal/10 ft
30+24 = 54 ft x 0.4 = 21.6 gallons

5} How many gallons for masonry voids in foundation wall, in infested area?
2 voids, behind brick and inside hollow block @ 2 gal/10 ft
30+24 = 54 ft x 0.2 = 10.8 gallons x 2 = 21.6 gallons

6} What is total gallons for job?
90.4+30+5+21.6+21.6 = 168.6 gallons

7} These are Formsan termites. Are there any areas you might consider foaming?
If so, where? Consider foaming wall voids either side of chimney where active infestation was detected. Also, may foam other wall voids near the penetration points with active infestation. Use moisture meter to check for moisture problems. Stress the importance of repairing leaks to homeowner.