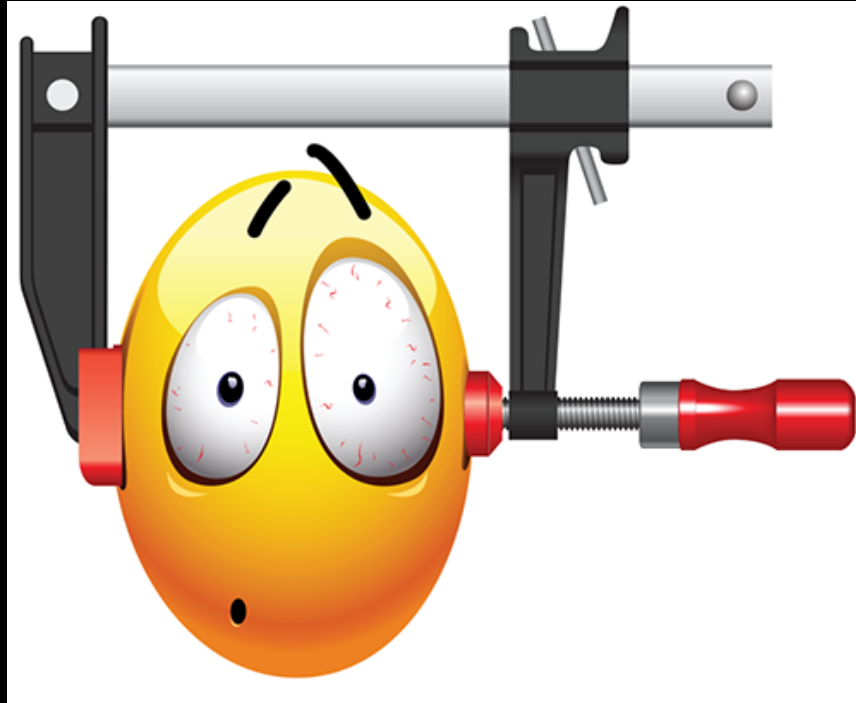


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Can you Handle the Pressure?



What we are going to discuss today:

- What are 1, 2', 3', 4', 5', & 6'?
- The truth about dirt.
- The 3 S's

Do Municipal, County, and/or State need to adhere to the OSHA Standards?

YES

NO

Do Municipal, County, and/or State need to adhere to the OSHA Standards?

YES

NO

CTOSHA, VOSHA, MEOSHA, NYOSHA all
have adopted OSHA Standards.

MA: Chapter 14 Section 6

RI: *RI Gen. Laws Sec. 28-20-1 to 28-20-34)*

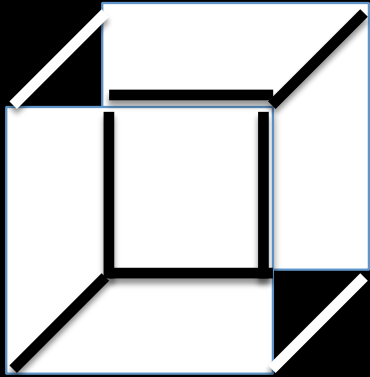
NH: NH Stat. 281-A:64 and NH Regulations
-Labor (Lab) 603

What are the 1, 2, 3, 4, 5, &6?

1. One Chance. One mistake will take your ONE LIFE.
2. Distance of the Spoil Pile from edge – OSHA
3. Distance of the Spoil Pile from edge – DAVE
4. Check Atmosphere for Hazards & Ladder REQUIRED.
5. Cave-In Protection Required (3 S's)
 - Slope It!, Shore It!, Shield It!
6. Fall Protection Required

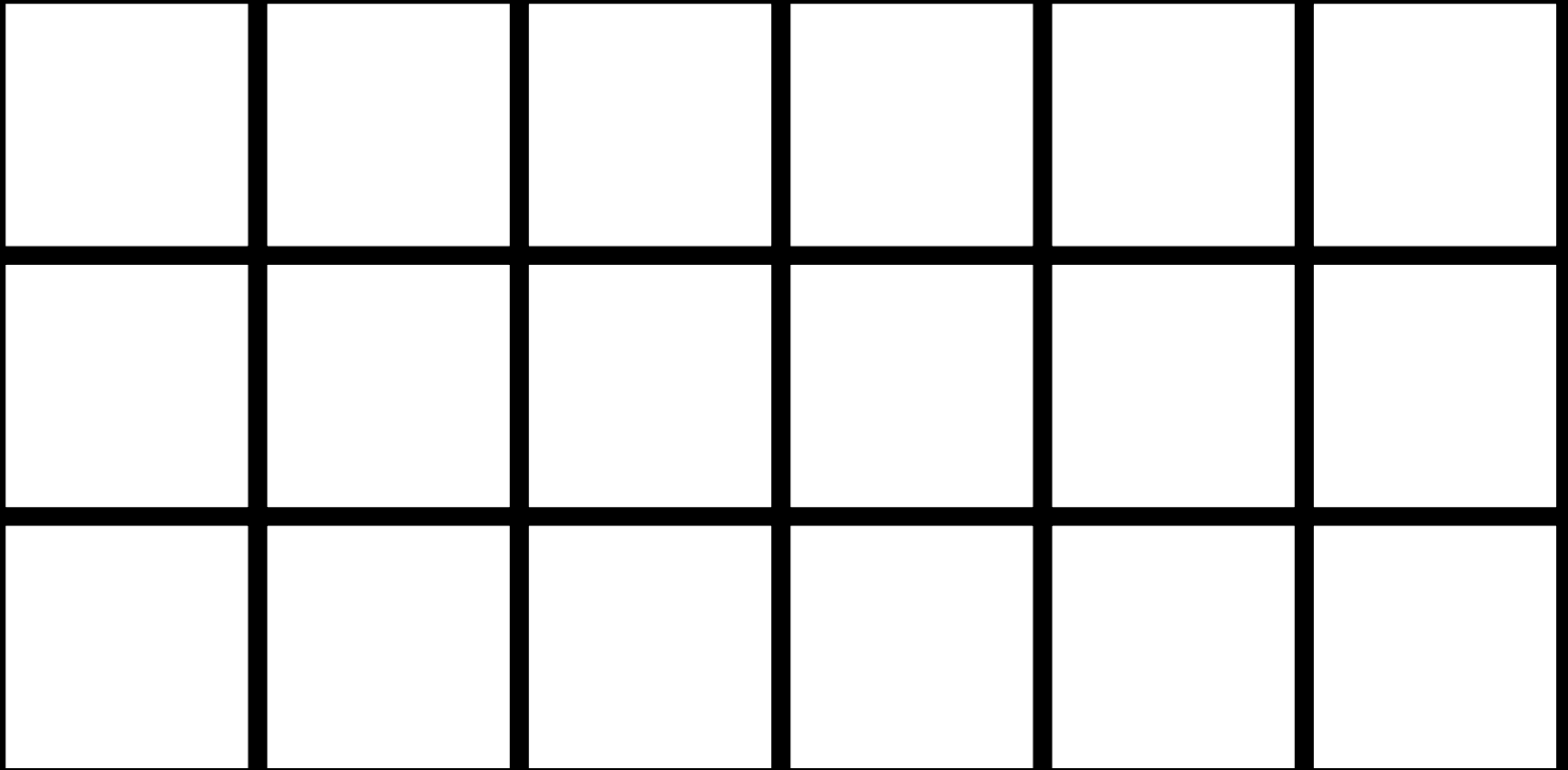
Truth about Dirt!

On average:



1 cubic foot of soil weighs
between 100-120 lbs.

1 cubic yard of soil weighs
between 2,700-3,240 lbs.



2,700 lbs

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs

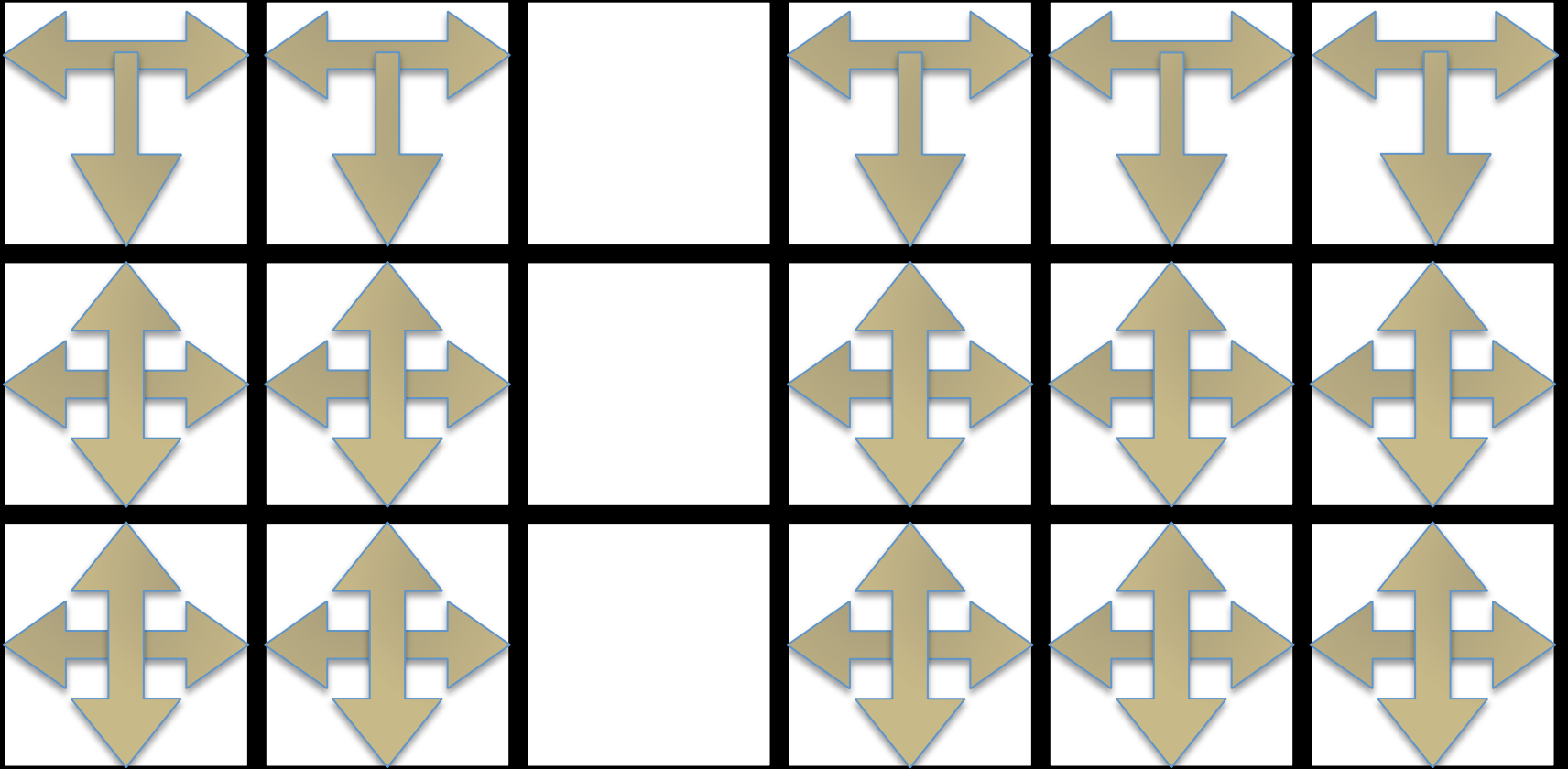
2,700 lbs.

2,700 lbs.

2,700 lbs.

2,700 lbs.

**8,100
pounds**



A Cave In Usually Involves 2-3.5 Cubic Yards of Soil

Equal to dropping an F-150 pickup trucks on a worker.
People don't die from being smothered –
they die from being crushed.

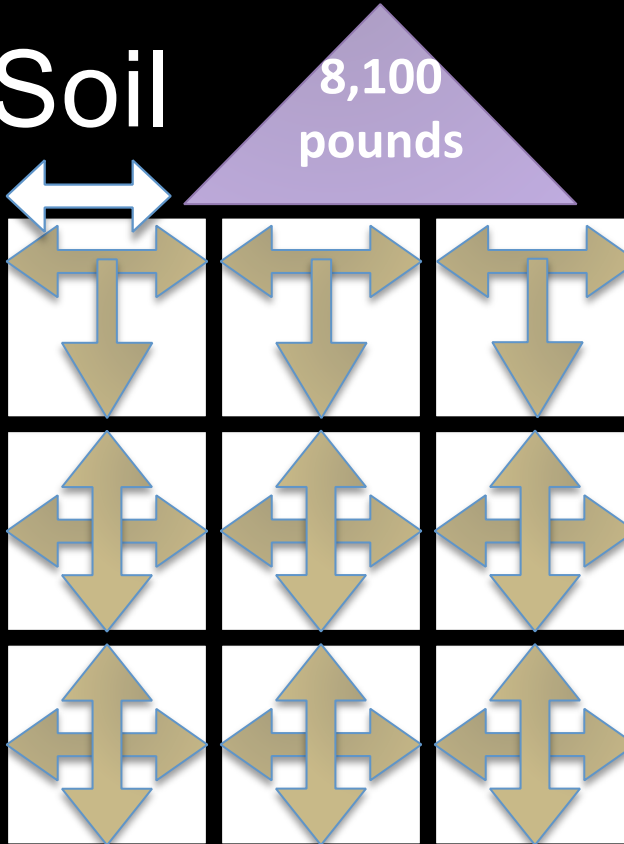
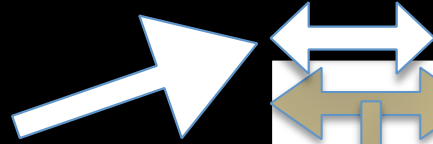


Mechanics of Soil

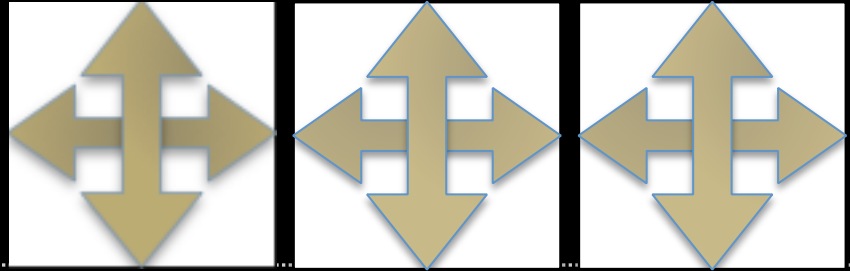
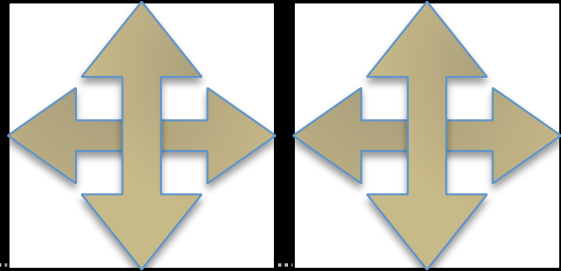
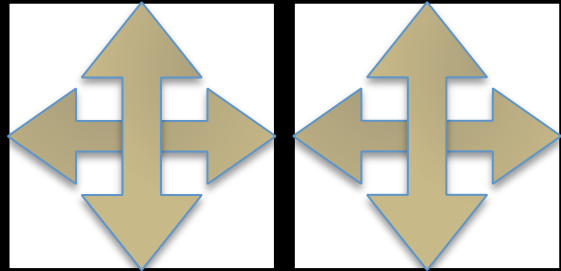
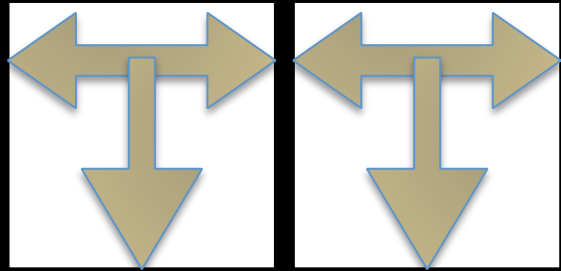
Spoil Pile:

-OSHA = 2'

-Dave = 3'



The Cave In!



What causes a collapse?

- Stand Time
- Vibration
 - Traffic
 - Pile Driving
 - Blasting
 - Compaction
- Previously Disturbed
- Water
 - To Much
 - To Little
- Weight
 - Spoil Pile
 - Equipment
 - Traffic

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Any Questions?



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