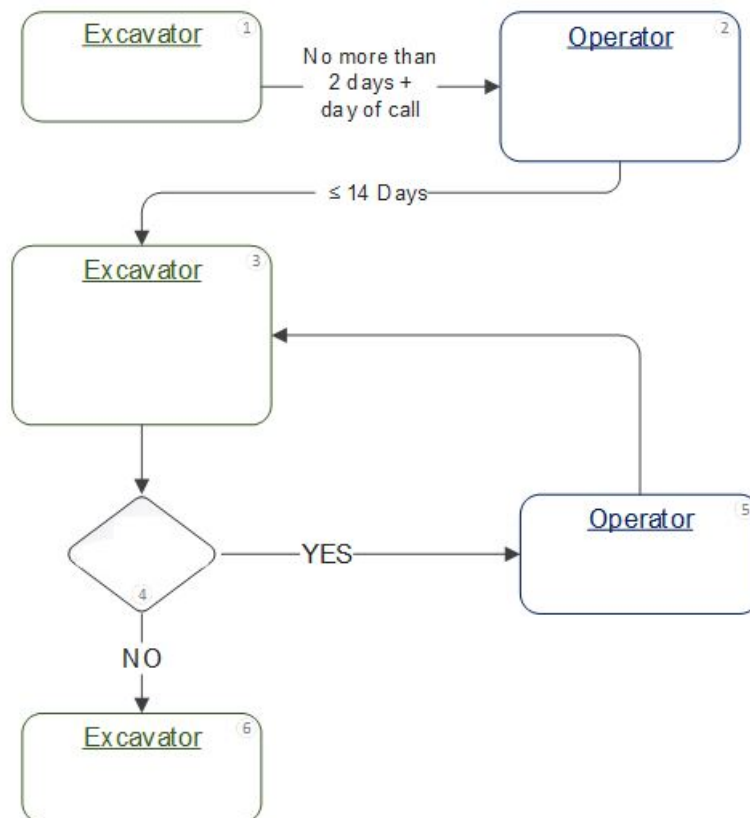


Safe Excavation Basics: Visual Aids

Basic Steps for Safe Excavation



Related Code Sections

Step 1:	4216.2(a)
Step 2:	4216.3(a)(1)(A)
Step 3:	4216.4
Step 4:	4216.4(b)
Step 5:	4216.4(b)
Step 6:	4216.4(a)(1)
All Steps:	4216.4(d)

Review Activity

Markings Challenge

Challenge #1: Infrastructure Material

A.



B.



Review Activity

Markings Challenge

Challenge #2: Color Code Identifiers



Review Activity Markings Challenge

Challenge #3:

GASCO

4th PLA

2nd PLA
GASCO

T

Review Activity Markings Challenge

Challenge #4:

TELCO
—————
◇
—————
4/4" PLA



Review Activity Markings Challenge

Challenge #5:



Review Activity

Marking Error Scenarios

Scenario: A contractor is preparing to perform deep-ripping on an agricultural field in a rural part of the central valley. He calls in an 811 ticket and waits the appropriate time and confirms each operator listed on the ticket has responded.

Operator Experience :

When you arrive at the ticket location to mark out buried electric facilities, you are not able to find a place to hookup to the line. You observe a pole where the line appears to go into the ground and another pole about 350' away where the line appears to emerge. You notice a farm irrigation pump further into the field with a metal meter box mounted on a post on the side. What do you do?

Excavator Experience :

When you arrive on site to begin ripping, you see that one buried electrical line is marked in the area. The line comes down from a utility pole. The marks indicate a straight path to the next utility pole about 350' away. You notice a farm irrigation pump further into the field with a metal meter box mounted on a post on the side. There are no markings near the pump and no overhead lines going to it. What do you do?