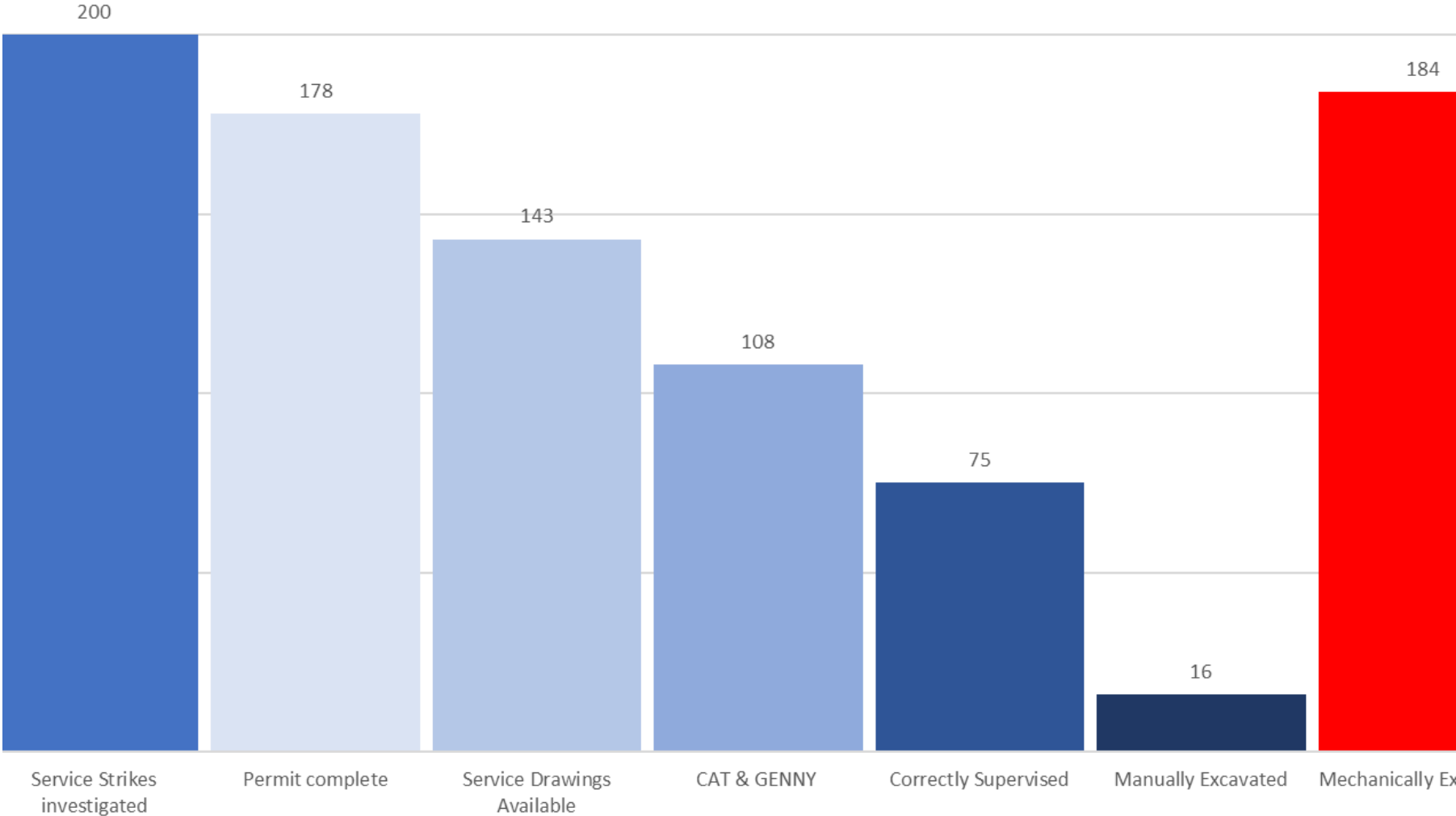


The logo features the text "STRIKE MATZ" in a bold, yellow, sans-serif font, centered within a dark gray rectangular background. On either side of the text is a white, vertically-oriented pill-shaped element. A thick yellow line runs horizontally across the bottom of the dark gray rectangle, extending slightly beyond its right edge.

**STRIKE  
MATZ**

# Our finds from 200 Service Strike Investigations – 2017 to 2024



## Behaviours and Choices



VS



# Why?

## Compact Ground Conditions



## Poor Weather Conditions



## Hard Work







Strike Matz is a new Utility Protection System to prevent Cable Strikes whilst Excavating to expose Underground Services.

The System is designed to eliminate the need for Manual Excavating (Hand Dig Method), allowing Operatives to expose the Utility Protection System Mechanically,

This Engineering Control, in addition to regulating the decision-making of the “Worker”.

In addition to the clear safety benefits, the use of Strike Matz saves considerable time.







Boards are constructed from specialist High-Density Polyethylene to allow for maximum impact resistance.

The impact resistance has withstood more than 60KN of force.

Strike Matz has an additional additive to allow for the system to be detected below ground using.



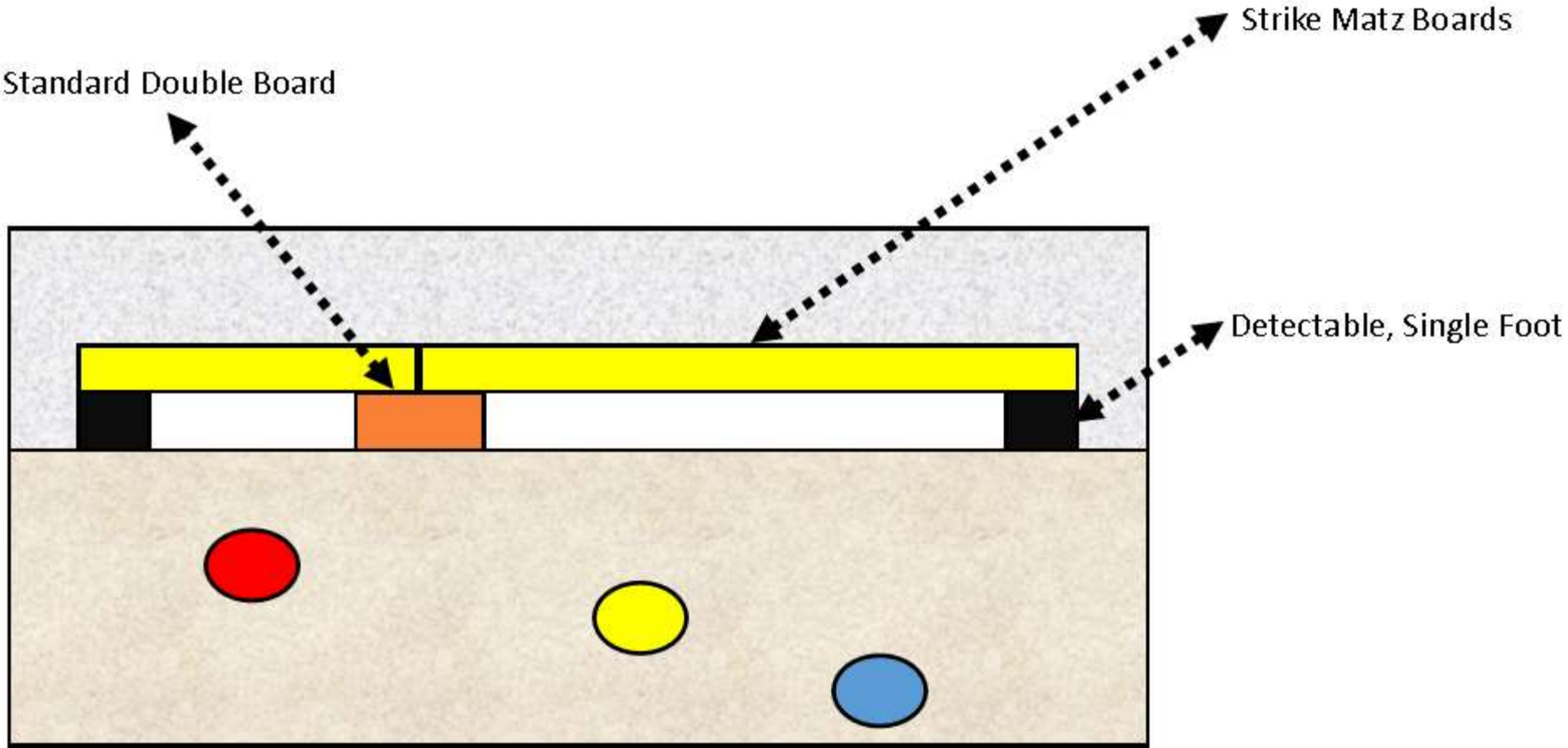
Packs can be configured rectangular to provide Plot Connection protection, or in a continuous run over a service, length or width ways, depending on the diameter of the Services.

Feet can be stacked to elevate Strike Matz were required to include:

- Plot Connection configuration
- Direct run-over services
- Can be configured over Gas Nipples and other service equipment



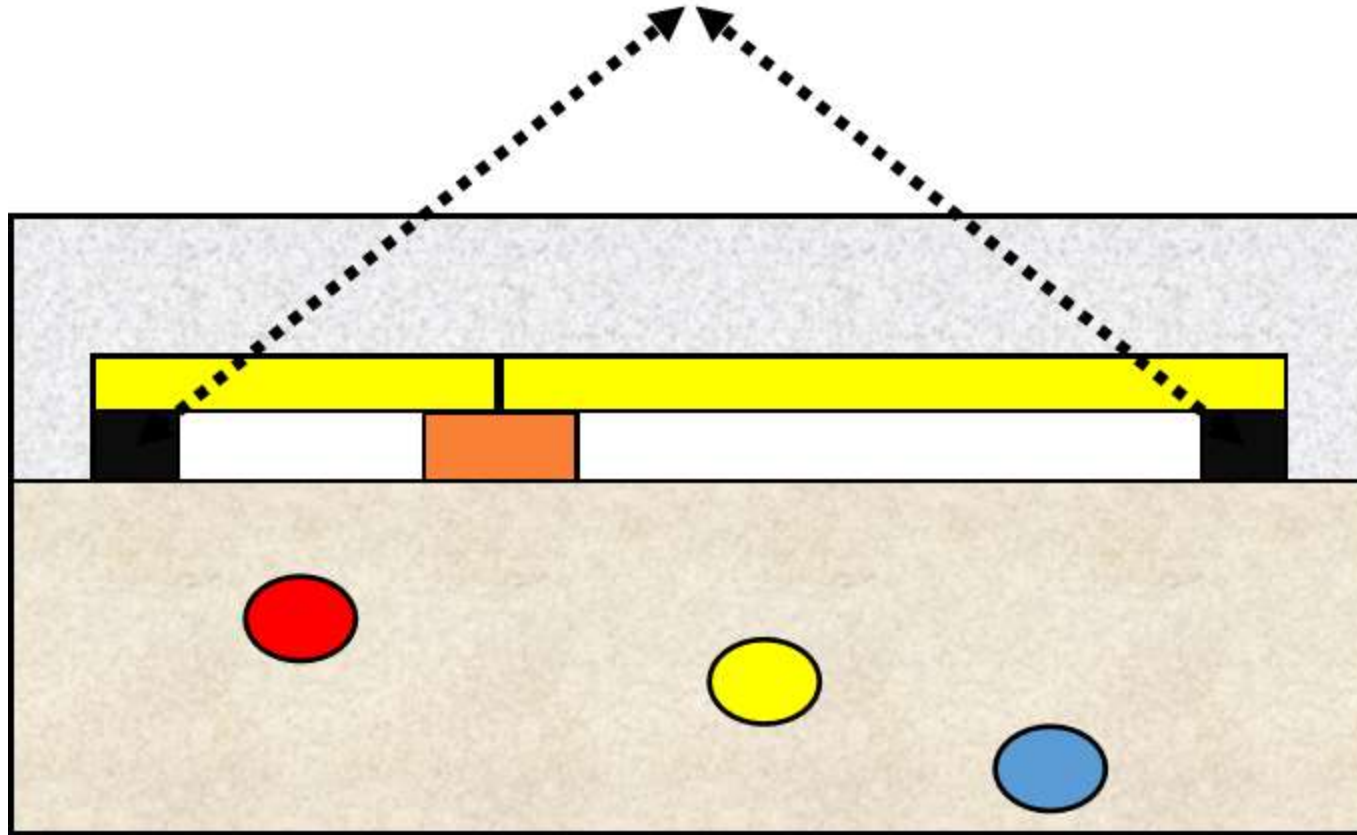
# Cross Section illustration of Strike Matz installed above Services



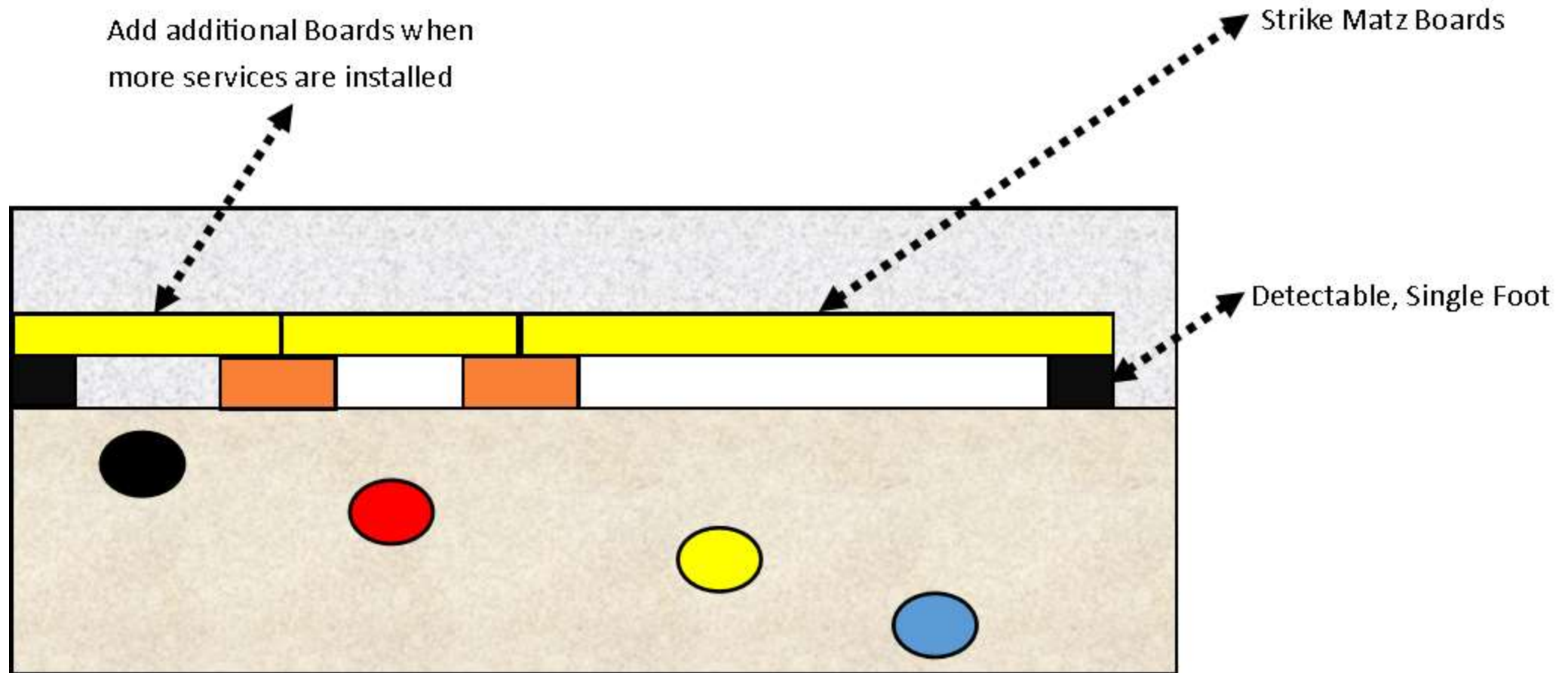


## Cross Section illustration Strike Matz detectable feet

Black Feet are Detectable using a Magnetometer

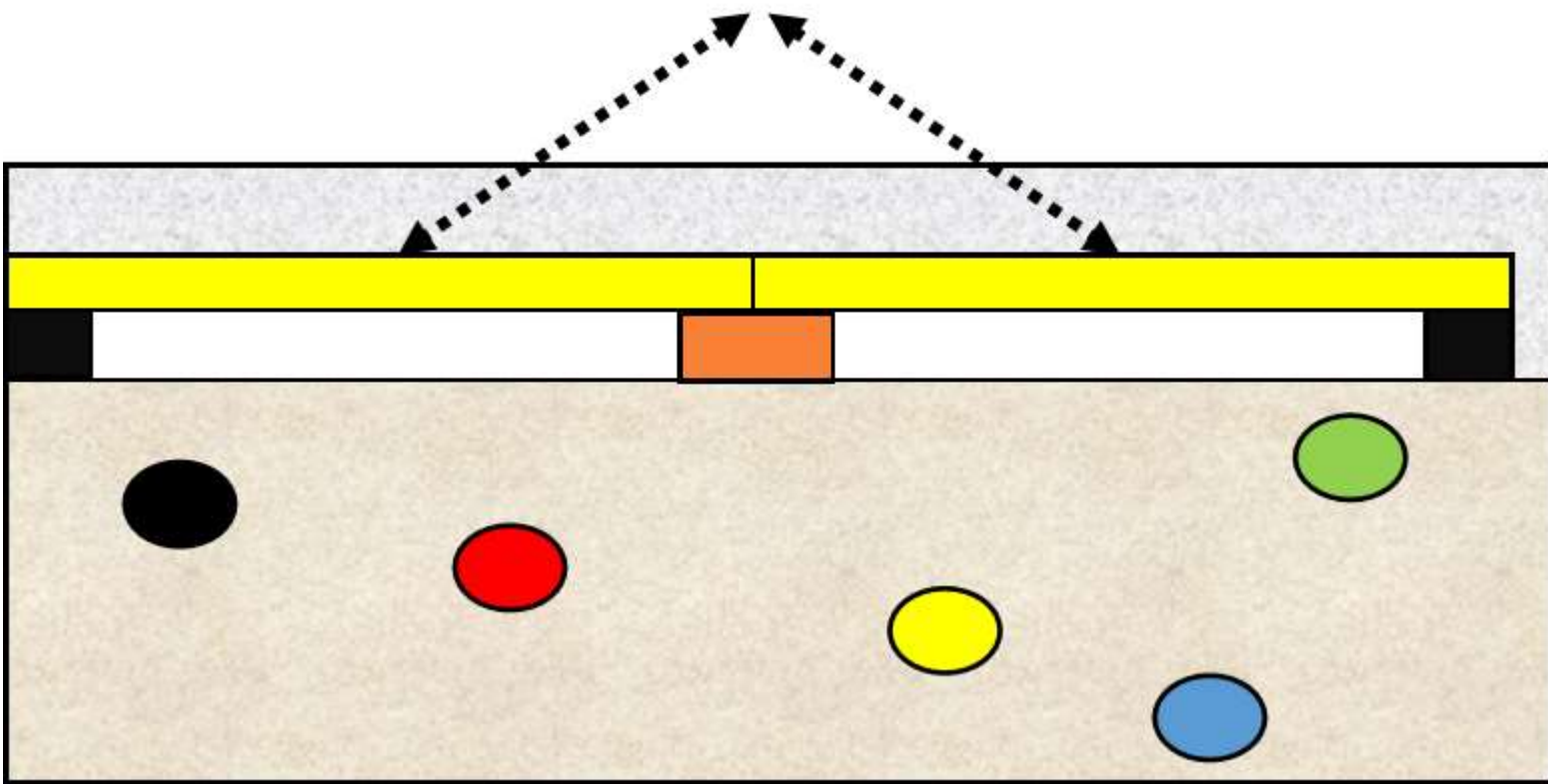


## Cross Section illustration of Strike Matz installed in a different configuration



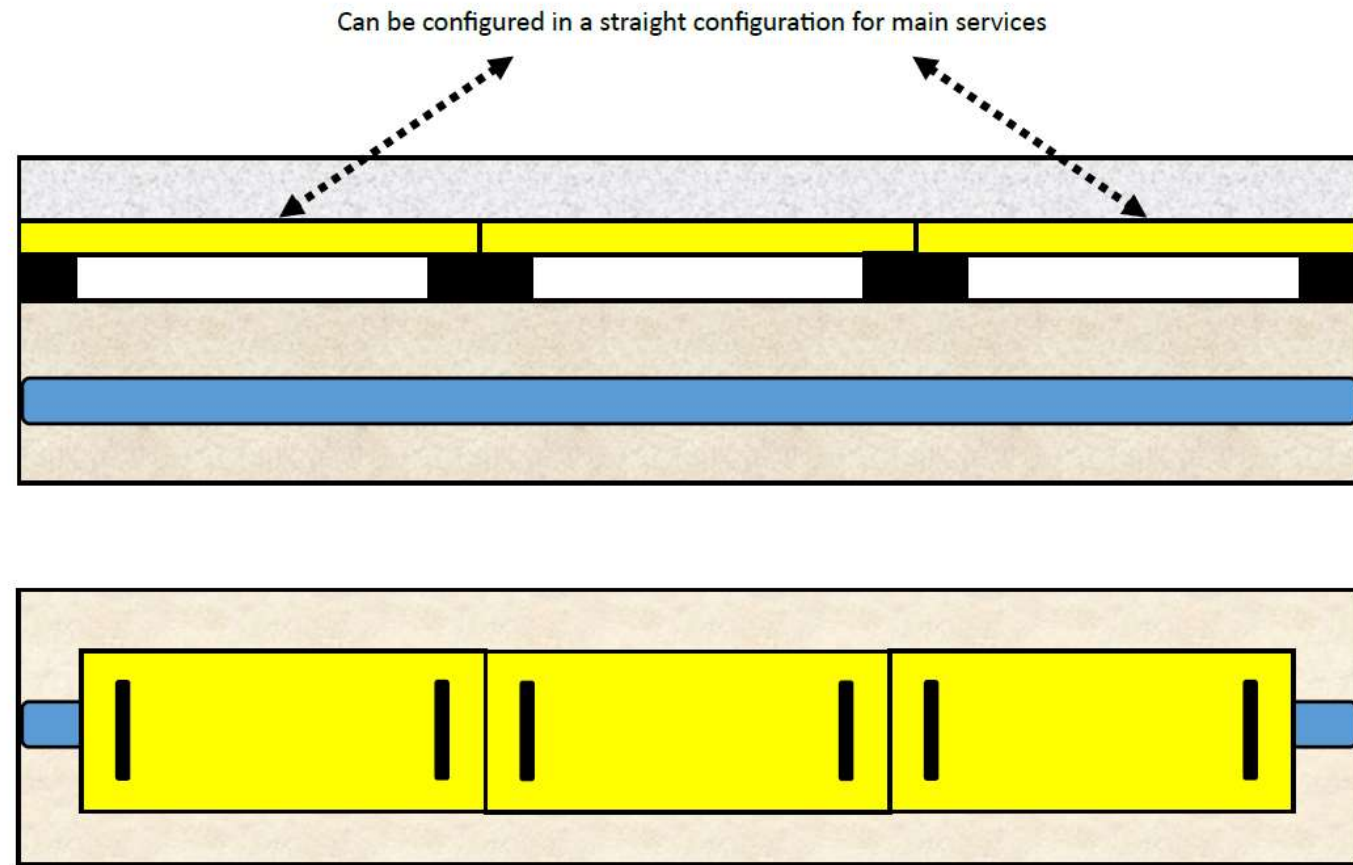
Cross Section Illustration of additional Strike Matz boards being installed to accommodate additional Services.

Configuration can be changed following additional Service Installations



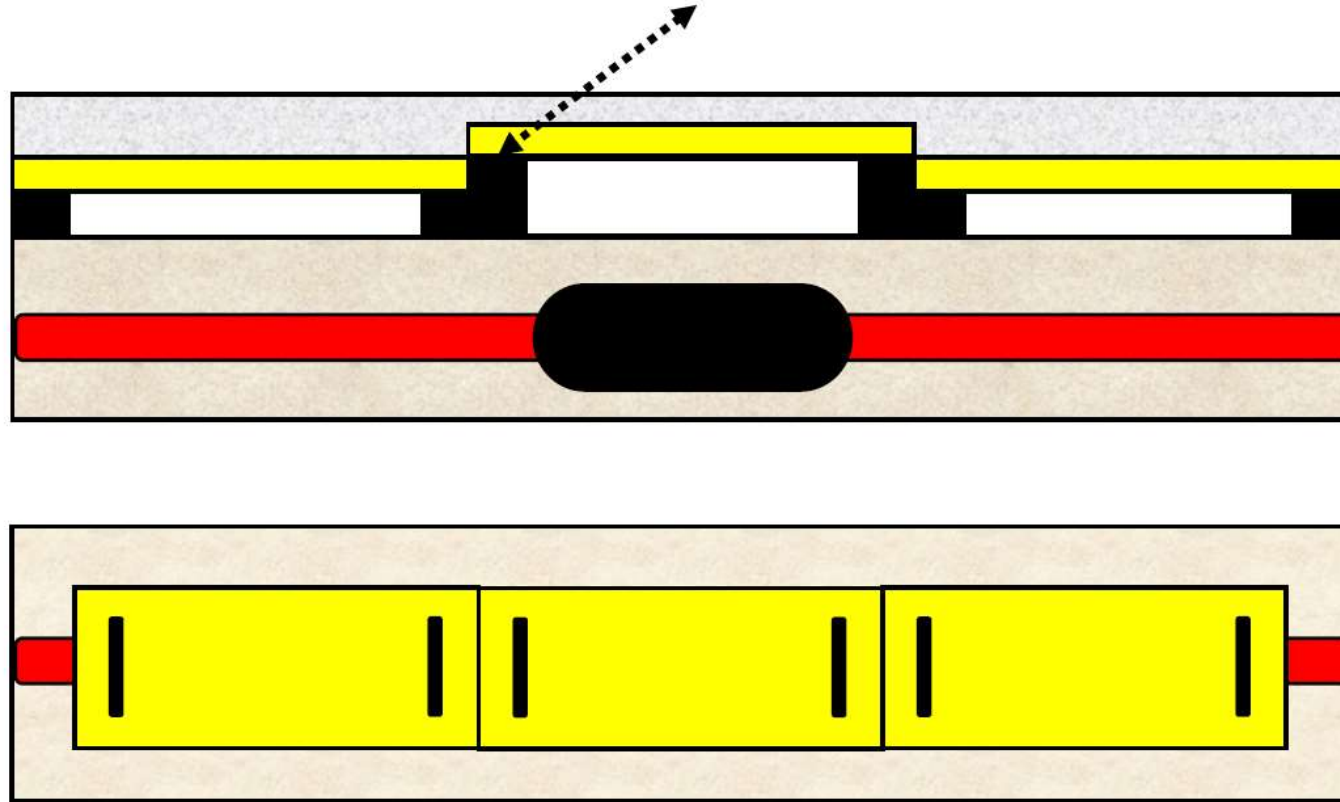


# Cross Section illustration of Strike Matz fitted above a service in a straight-line configuration



# Cross Section illustration of Strike Matz installed above a joint connection, using interlocking feet to raise the system

Interlocking feet can be used to raise Strike Matz over Connection joints, and Gas nipples





The Video demonstrates the impact resistance of the system with a 16T Excavator exerting maximum force whilst the Strike Matz Boards are fitted in situ.

There is no compaction below the Strike Matz opposite within this test to validate design capability and ensure the point of destruction is significantly above normal forces to be applied.



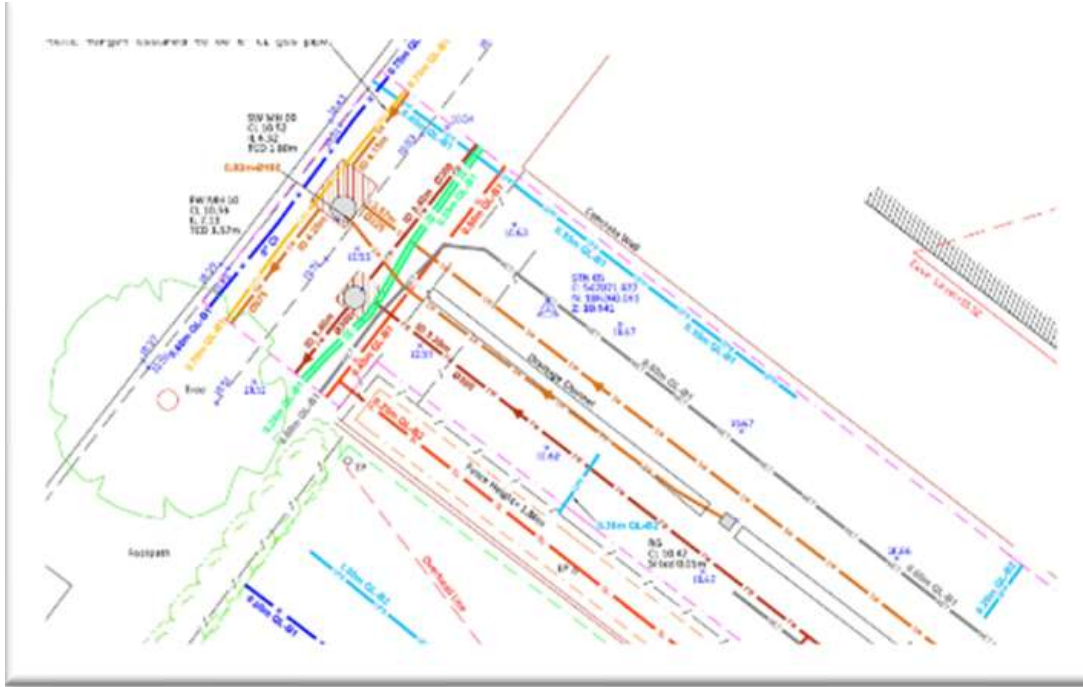


The Video demonstrates the impact resistance of the System with a 16T excavator exerting maximum force on a concrete surface to test the braking force of the System.

The System has been tested to 64kN during laboratory testing.

# STRIKE MATZ

Excavation Process



A Permit-To-Work System must be operational.

A review of Service information is required to determine the location of the previously Laid Services.

Following this, the photographic evidence generated when Strike Matz were installed, (Issued at Permit sign-off) should offer further clarification of where the Matz are positioned.

Scan the area using a Magnetometer to locate the Strike Matz installation.

Using the results of the Magnetometer Scan, as Laid Services Drawings, and photographic details from installation, complete a Permit To Work.



Scan using a Magnetometer.



## Strike Matz In Practice

