

## **SECURE – A – SITE**

### **THE PROBLEM**

**All Network builds and maintenance have significant works undertaken on**

- 1. Footpaths**
- 2. Roadways**
- 3. House yards (Private Property)**

**Pedestrian Management is required to**

- 1. Protect the public**
- 2. Protect the workers**

**Network builds are typically**

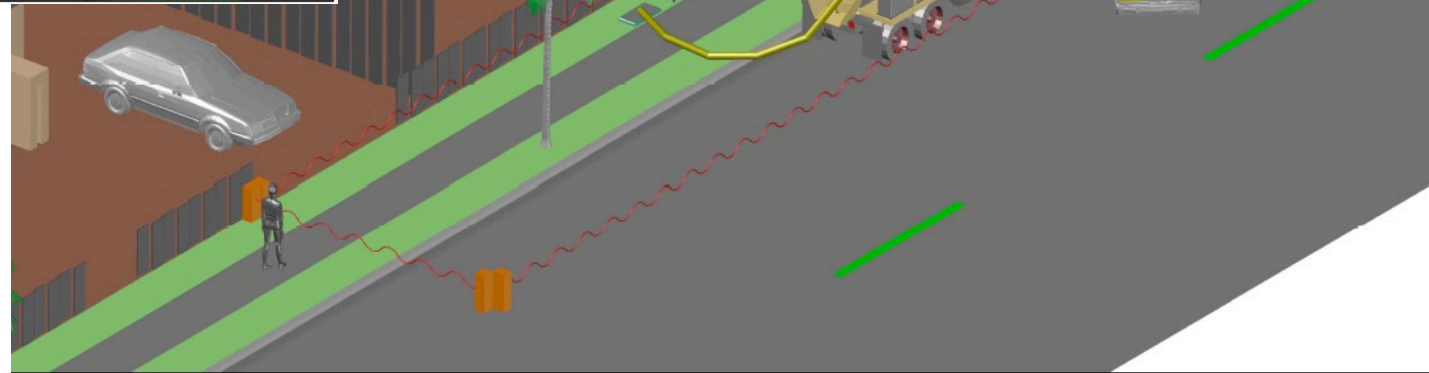
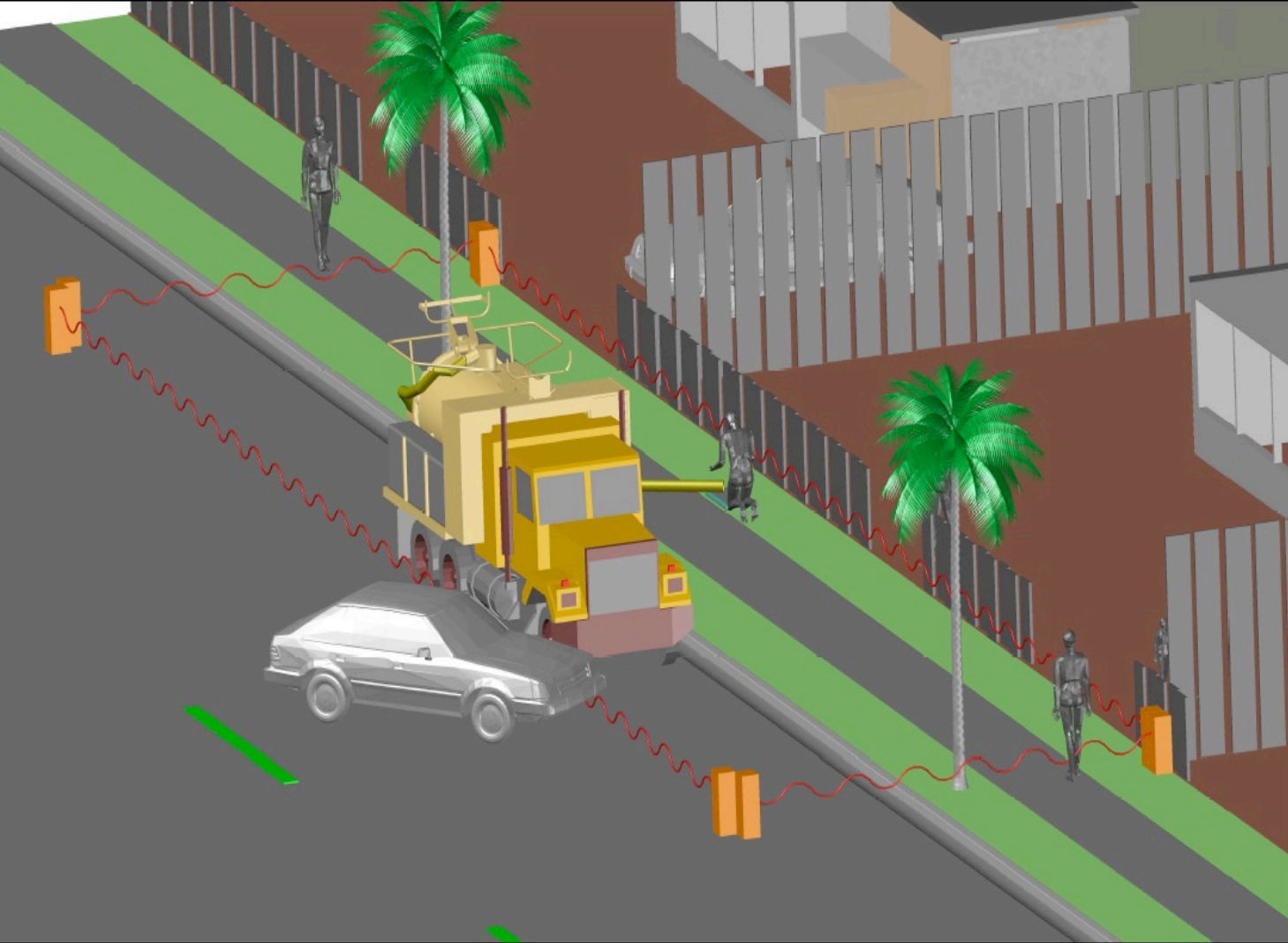
- 1. Long narrow worksites in public and private property**
- 2. Pedestrian Managers are generally positioned at extremities.**
- 3. Have high Noise levels**
- 4. Are problematic in alerting all workers of issues in a timely manner**

**Pedestrian Management is frequently neglected**

- 1. Not seen as important or necessary**
- 2. Too costly or not allowed for**
- 3. Belief that workers can handle pedestrian management as part of their processes**

**VAC GROUP believe MORE IS NEEDED!**

**This has led to the development of the SECURE-A-SITE system.**







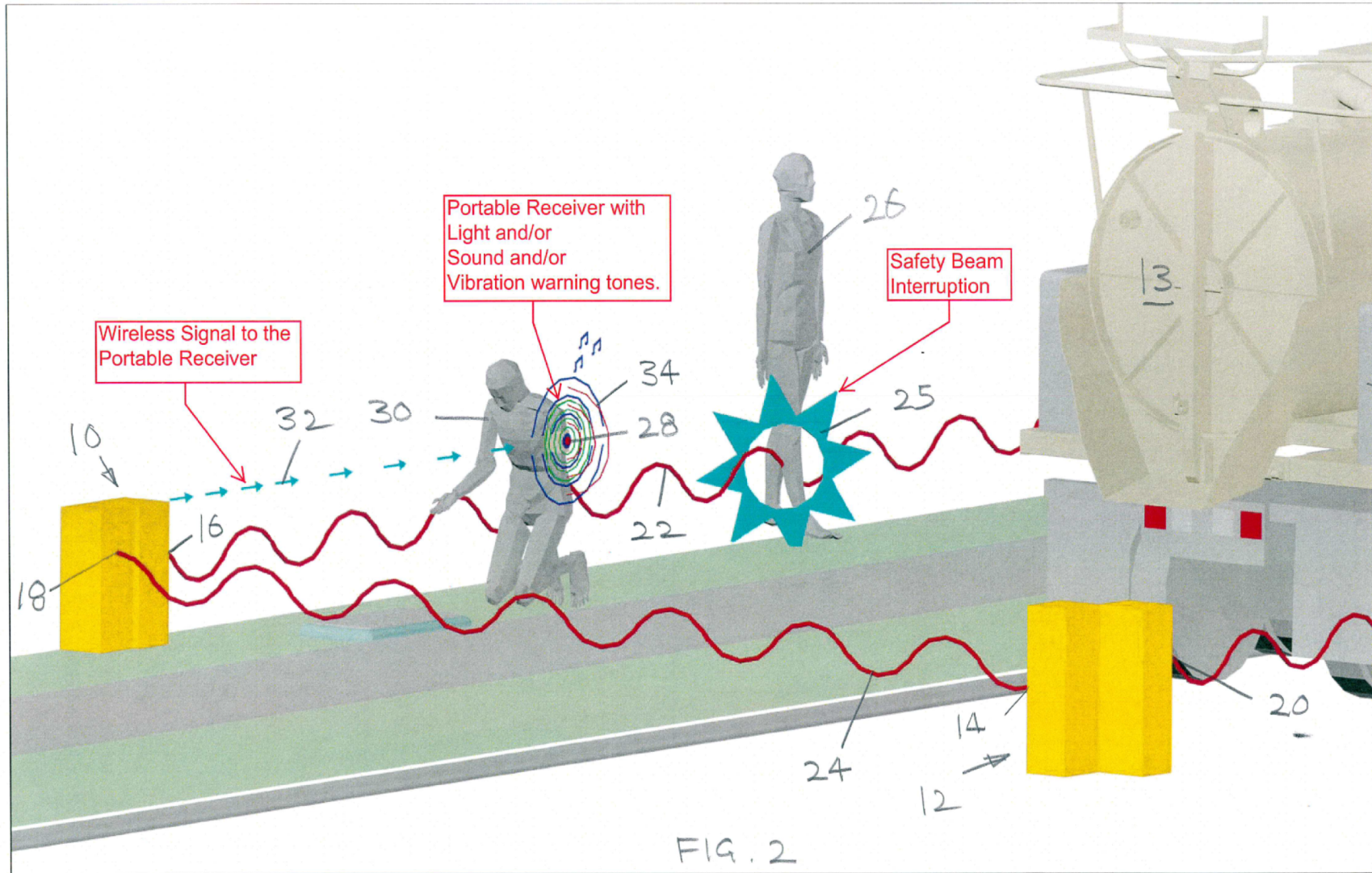


## **SECURE – A – SITE**

### **VAC GROUP SOLUTION**

- **Line of Sight LIDAR technology mounted in Bollards to establish a perimeter fence**
- **Complete with inbuilt cameras that are activated when a beam is broken**
- **Every worker carries/wears (e.g. fitted to hard hat) an alarm that notifies them immediately that the beam is crossed**
- **Every worker is alerted before Pedestrian Manager can react often prior to them observing the transgression.**
- **Protects the public and the worker**
- **Significantly increases protection whilst reducing Pedestrian Management risks and costs**
- **Doesn't fall asleep or engage in idle disruptive chat with the public**
- **Patent Granted – International phase now entered.**

# SECURE – A – SITE





VAC GROUP'S PROTOTYPE TO DEMONSTRATE THE CONCEPT





SECURE-A-SITE VERSION 1 GEORGE FOX UNIVERSITY - APRIL 2017



TRIALS AT GEORGE FOX UNIVERSITY IN COLLABORATION WITH GARMIN



SECURE-A-SITE VERSION 2 GEORGE FOX UNIVERSITY – APRIL 2018



SECURE-A-SITE VERSION 2 GEORGE FOX UNIVERSITY – APRIL 2018

# PRODUCT APPLICATIONS

## CONSTRUCTION INDUSTRY

- All utility companies (Power, Water, Gas, Telco and Sewer) Millions of sites operating Globally every day and every worker has a right to go home in the same or better condition!
- Cost of 1 pedestrian manager in Australia is \$80,000 per annum.
- Shut down of autonomous equipment.

## TRANSPORT FACILITIES

- Train Stations
- Bus Stations
- Taxi Ranks

## EVENT SECURITY

## CAR YARD SECURITY

## A SMALLER LESS EXPENSIVE MODEL

- SWIMMING POOLS - Set up on swimming pools fences to alert infant/toddler entry to the pool area.
- CAMPER SECURITY – Warning of intruder either animal or human.