

CASE STUDY



Surefound 

CONCRETE PILING,  
STEEL PILING & FLOORING



ROI

# VERNON AVENUE RESIDENTIAL DEVELOPMENT

DUBLIN

CONTRACTOR

Elliott Group, Cavan

ENGINEER

Barrett Mahony Consulting Engineers, Dublin

## PROJECT OVERVIEW

- Inner city Dublin working logistics
- Reduced build programme by 20%
- Reduced lorry movements by 90%

## GROUND CONDITIONS

Made Ground

## SOLUTION

SureFound Foundation System:

- Taranto value engineered solution
- 200mm precast concrete piles
- 140mm steel tubular piles
- Ground beams & hybrid
- 150mm precast concrete flooring

## DEPTH OF PILE

Up to 4m

## PROJECT SPECIFICS

- Deep trench 2m
- Max load: 400kN
- Noise limit: 83db