

1

2

3

4

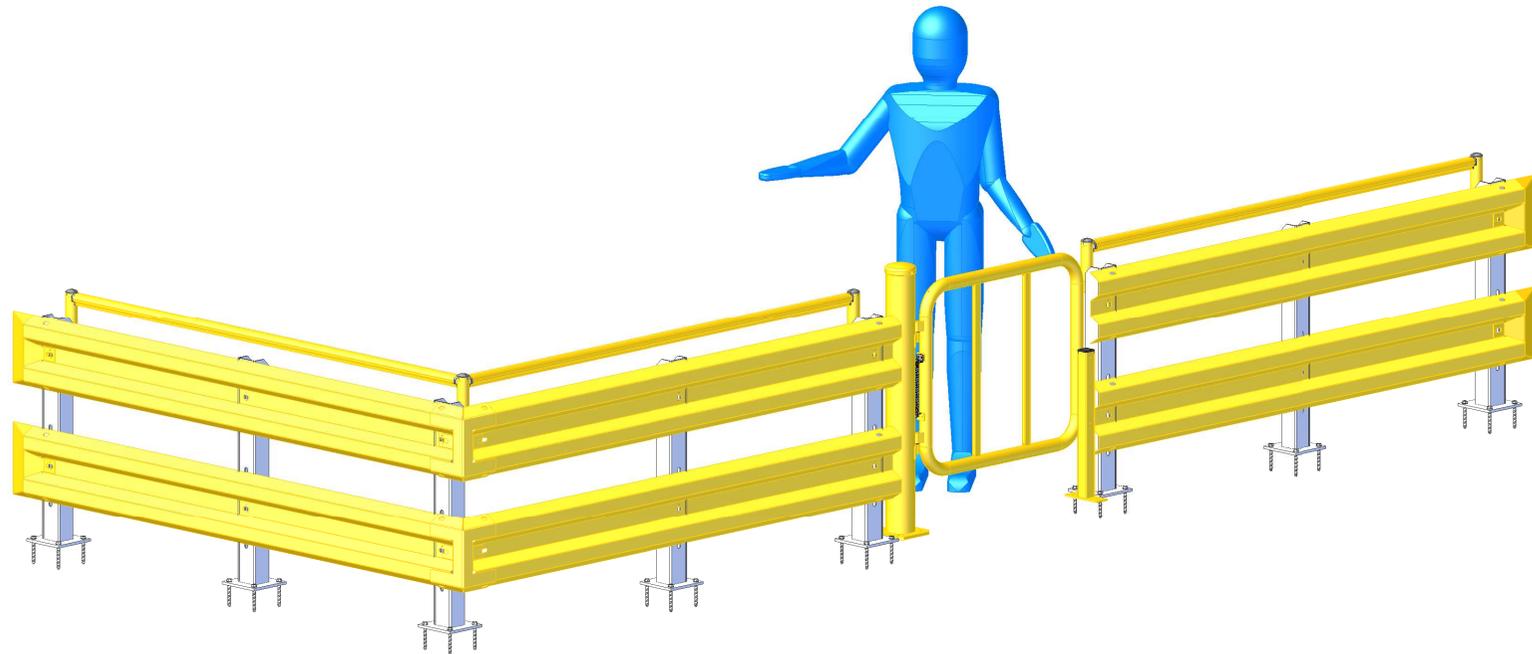
5

6

# TRU-GARD CERTIFIED BARRIER

## IMPACT ANALYSIS SUMMARY

- CERTIFIED    PROVEN    TESTED    QUALITY
- COMPLIANT WITH AS/NZS 1170.1 SECTION 3.8



A

A

B

B

C

C

D

D



Drawn by SCOTT TAYLOR	Checked by -	Approved by -	Date 28-JUN-2013	Scale NTS - A4 L
THIS DRAWING IS INTELLECTUAL PROPERTY OF: <b>TRU-BILT</b> <sup>®</sup> INDUSTRIES 586 KAIKORAI VALLEY RD, DUNEDIN, NEW ZEALAND <small>All product designs are subject to copyright and cannot be copied in whole or part.</small>		<b>CERTIFIED BARRIER SYSTEM</b>		
<b>TRU-GARD</b>			Edition 1.0	Sheet 1 of 3

1

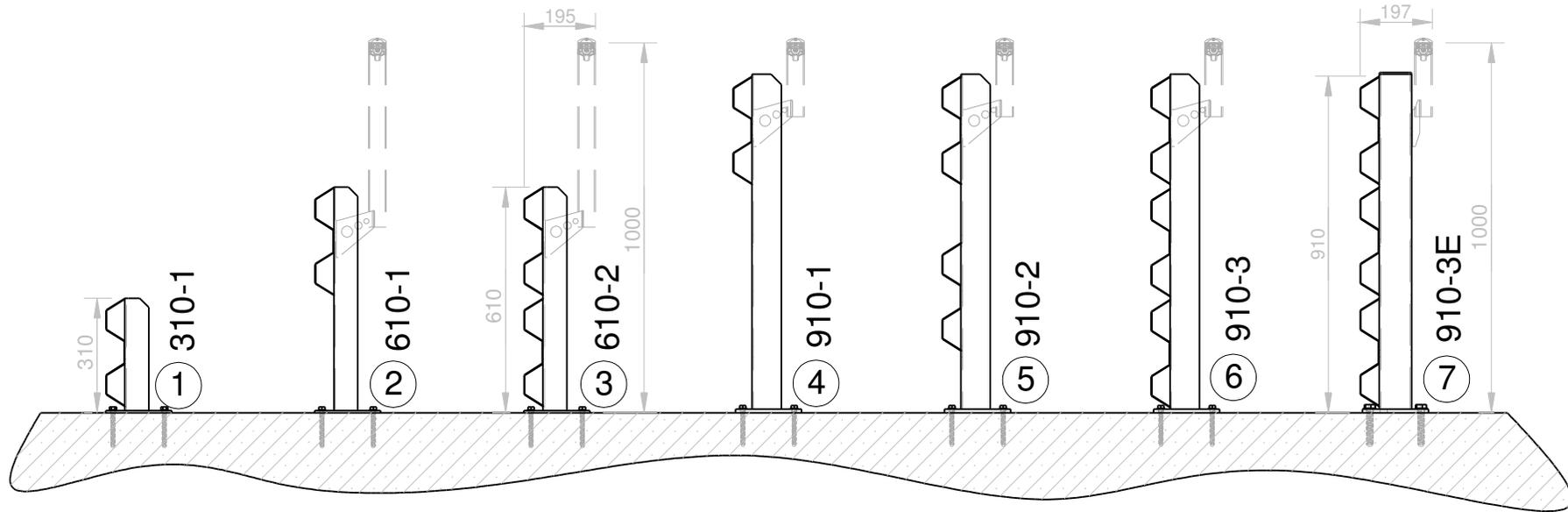
2

3

6

# TRU-GARD CERTIFIED BARRIER

## IMPACT ANALYSIS SUMMARY



### NOTES

- Barrier ratings based on the following;
  - Minimum run @ 6.6m with supports @ 1100mm centers
  - Impact Height 300mm
  - 75Kpa Ground conditions
  - Screwbolts; All configurations have M10x100mm apart from the 910-3E which has M16x100mm Screwbolts.
  - All configurations use Standard Support Posts with End Posts at ends apart from the 910-3E which is all BS910-E(M16) Posts

### CONCRETE

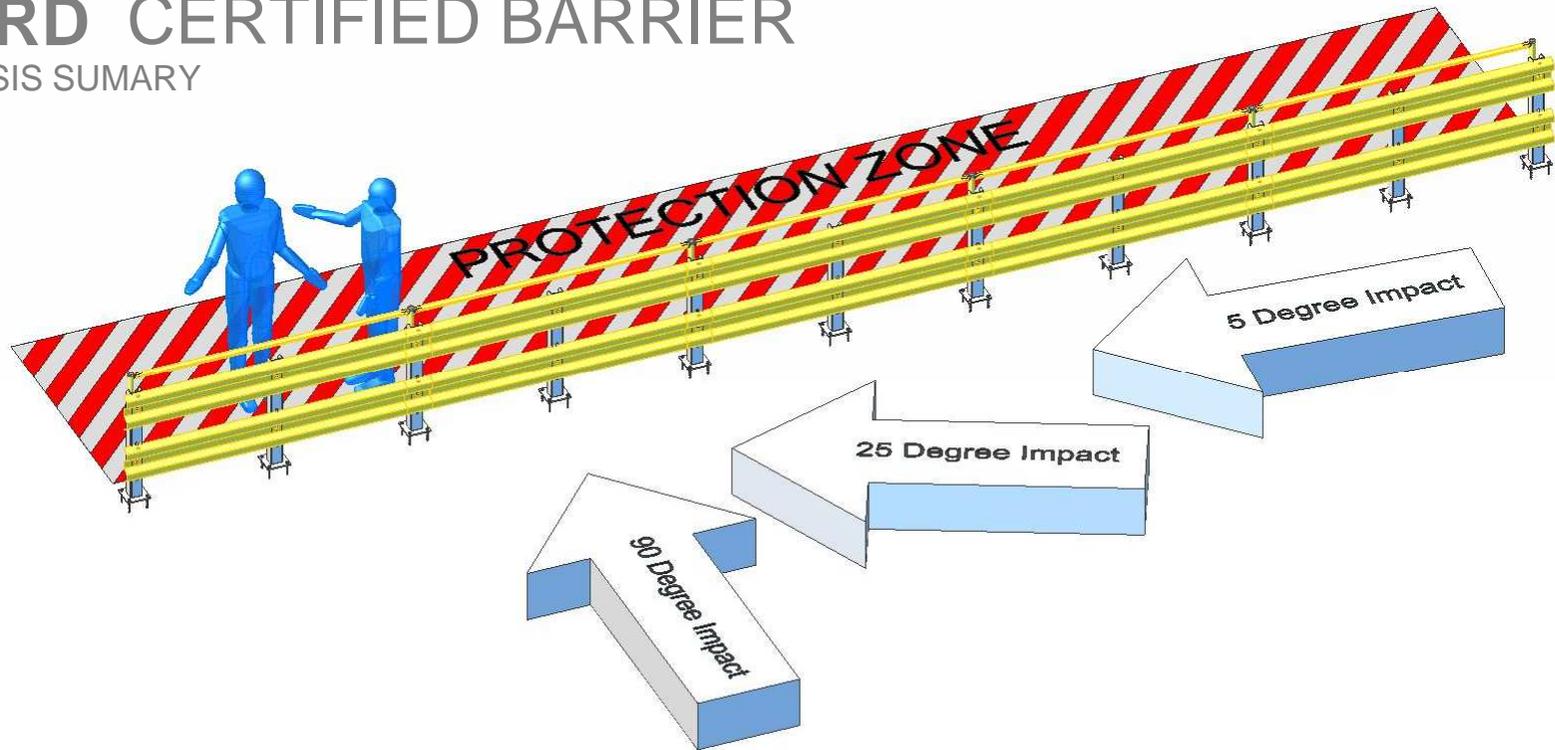
- Minimum 30 Mpa, Vibrated
- Sizes stated are minimums
- Trench concrete to be continuous
- Minimum of 150mm for existing floors
- Trench Concrete 1-3 - 500mm wide / 500mm deep
- 4-6 - 500mm wide / 650mm deep



Drawn by SCOTT TAYLOR	Checked by -	Approved by -	Date 28-JUN-2013	Scale NTS - A4 L
THIS DRAWING IS INTELLECTUAL PROPERTY OF: <b>TRU-BILT</b> <sup>®</sup> INDUSTRIES 586 KAIKORAI VALLEY RD, DUNEDIN, NEW ZEALAND <small>All product designs are subject to copyright and cannot be copied in whole or part.</small>		<b>BARRIER CONFIGURATION OPTIONS</b>  <b>TRU-GARD</b>		
			Edition 1.0	Sheet 2 of 3

# TRU-GARD CERTIFIED BARRIER

## IMPACT ANALYSIS SUMMARY



Note; Configuration 5 shown with optional handrail

Type	Weight	90°	25°	5°
1 (310-1)	7T/15,400lbs	4.6kmh/2.9mph	7.1kmh/4.4mph	15.7kmh/9.8mph
2 (610-1)	7T/15,400lbs	3.5kmh/2.2mph	5.3kmh/3.3mph	11.7kmh/7.3mph
3 (610-2)	7T/15,400lbs	7.4kmh/4.6mph	11.3kmh/7.0mph	25.0kmh/15.5mph
4 (910-1)	7T/15,400lbs	4.3kmh/2.7mph	6.5kmh/4.0mph	14.4kmh/8.9mph
5 (910-2)	7T/15,400lbs	6.3kmh/3.9mph	9.8kmh/6.1mph	21.5kmh/13.4mph
6 (910-3)	7T/15,400lbs	7.4kmh/4.6mph	11.4kmh/7.08mph	25.0kmh/15.5mph
7 (910-3E)	23T/50,700lbs	7.5kmh/4.7mph	11.5kmh/7.15mph	25.3kmh/15.7mph



Drawn by SCOTT TAYLOR	Checked by -	Approved by -	Date 28-JUN-2013	Scale NTS - A4 L
--------------------------	-----------------	------------------	---------------------	---------------------

THIS DRAWING IS INTELLECTUAL PROPERTY OF:  
**TRU-BILT**<sup>®</sup>  
 INDUSTRIES  
 586 KAIKORAI VALLEY RD, DUNEDIN, NEW ZEALAND  
All product designs are subject to copyright and cannot be copied in whole or part.

### IMPACT ANALYSIS SUMMARY

TRU-GARD

Edition 1.0	Sheet 3 of 3
----------------	-----------------