



GREEN ROOFERS

Green Roofers Ltd | 1st Floor | 2 Woodberry Grove | Finchley | London | N12 0DR

RETENTION ROOF CALCULATION SUMMARY

Project Kings Cross Road
Reference 20 144628

| | RF1 | RF2 | RF3 | RF4 |
|---------------------------------|---------------|---------------|---------------|---------------|
| Retention Board | WRB80f | WRB80f | WRB80f | WRB80f |
| Surface | Green/Pebbles | Green/Pebbles | Green/Pebbles | Green/Pebbles |
| Total Area (m2) | 57.5 | 54.2 | 17 | 9.5 |
| Green Area (m2) | 36.4 | 41.9 | 12.4 | 4.1 |
| Pebble Area (m2) | 21.1 | 12.3 | 4.6 | 5.4 |
| Other surfaces draining to roof | 55 | - | 30 | - |
| Substrate Depth (mm) | 120 | 120 | 120 | 120 |
| Max. Storage Volume (m3) | 4.14 | 3.9 | 1.22 | 0.68 |
| Max. Storage Depth (mm) | 70 | 80 | 80 | 50 |
| Max Outflow (litres/sec) | 1.5 | 0.1 | 1.0 | 0.1 |
| No. of Flow Control Outlets | 1 | 1 | 1 | 1 |

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