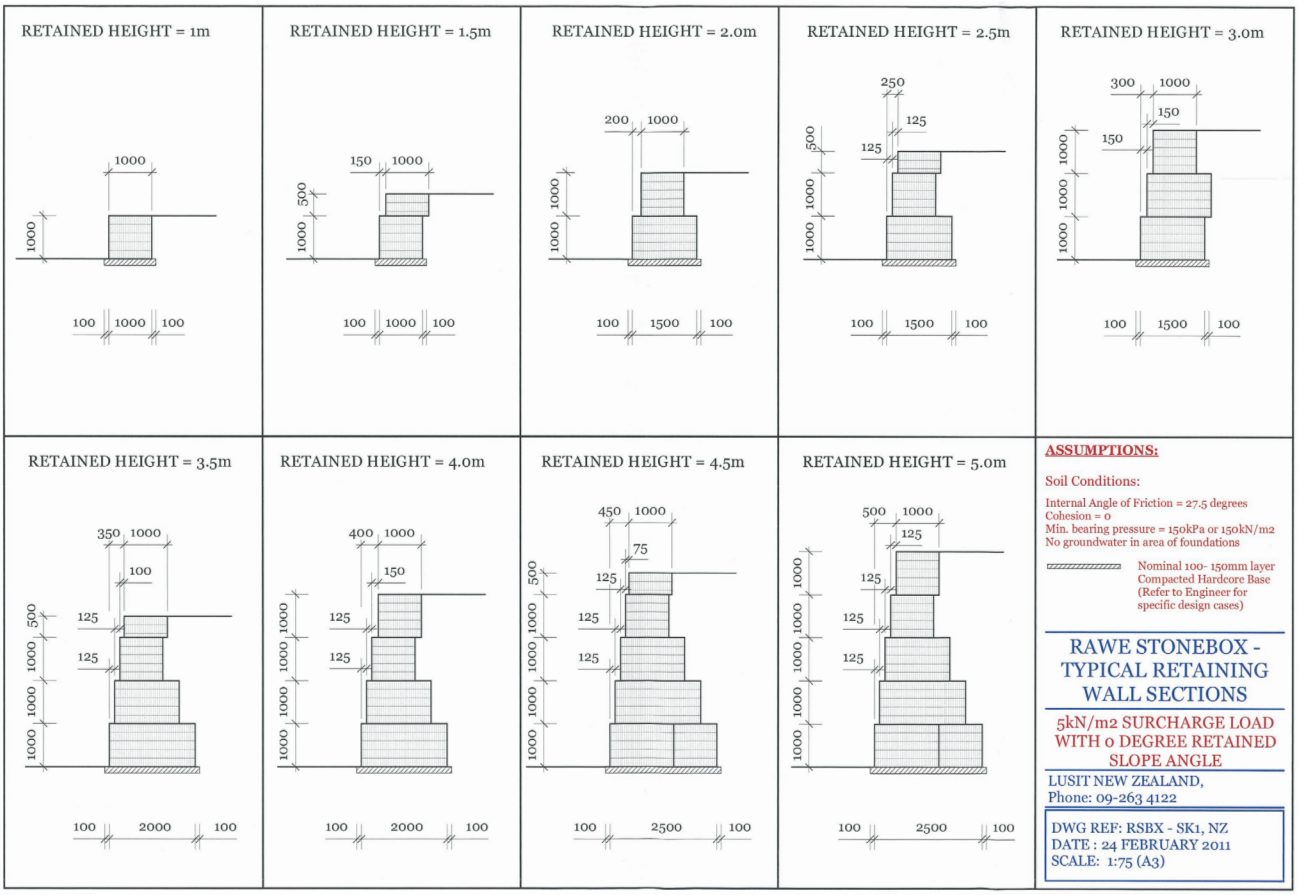
Scan for more information

Technical Support Sheet

Rawe Stonebox

Typical Retaining Wall Sections

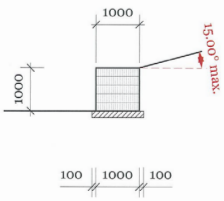
5kN/m² Surchage Load with 0 degree retained slope angle



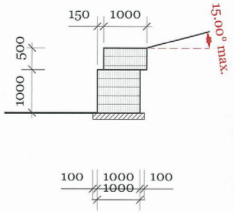
HYNDS PIPE SYSTEMS

1.5kN/m² Surchage Load with 15 degree maximum retained slope angle

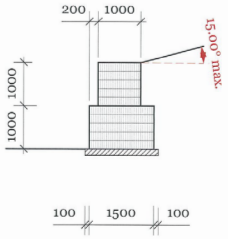
RETAINED HEIGHT = 1.0m
15 Degree Slope



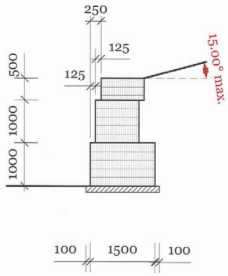
RETAINED HEIGHT = 1.5m
15 Degree Slope



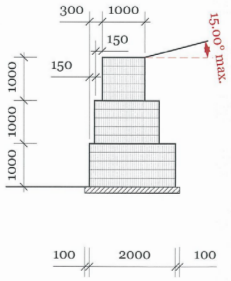
RETAINED HEIGHT = 2.0m
15 Degree Slope



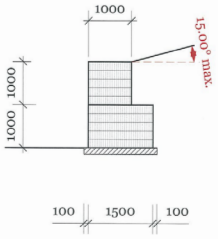
RETAINED HEIGHT = 2.5m
15 Degree Slope



RETAINED HEIGHT = 3.0m
15 Degree Slope



RETAINED HEIGHT = 2.0m
VERTICAL FACE
15 Degree Slope



ASSUMPTIONS:

Soil Conditions:

Internal Angle of Friction = 27.5 degrees
Cohesion = 0
Min. bearing pressure = 150kPa or 150kN/m2
No groundwater in area of foundations

Nominal 100- 150mm layer Compacted Hardcore Base (Refer to Engineer for specific design cases)

RAWE STONEBOX - TYPICAL RETAINING WALL SECTIONS

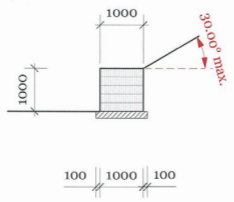
1.5kN/m2 SURCHARGE LOAD WITH 15 DEGREE MAXIMUM RETAINED SLOPE ANGLE

LUSIT NEW ZEALAND,
Phone: 09-263 4122

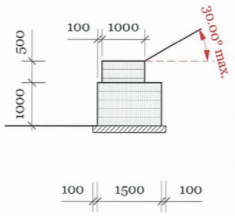
DWG REF: RSBX - SK2, NZ
DATE : 24 FEBRUARY 2011
SCALE: 1:75 (A3)

1.5kN/m² Surchage Load with 30 degree maximum retained slope angle

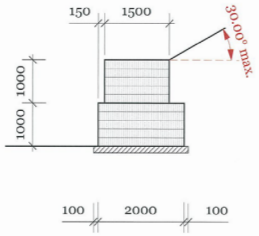
RETAINED HEIGHT = 1.0m
30 Degree Slope



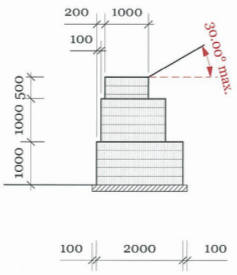
RETAINED HEIGHT = 1.5m
30 Degree Slope



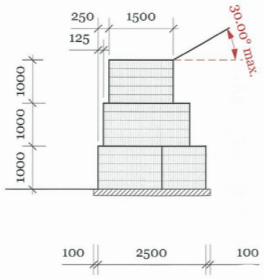
RETAINED HEIGHT = 2.0m
30 Degree Slope



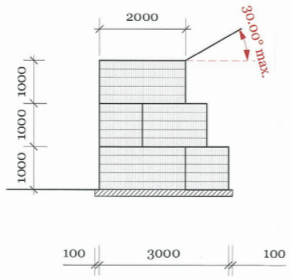
RETAINED HEIGHT = 2.5m
30 Degree Slope



RETAINED HEIGHT = 3.0m
30 Degree Slope



RETAINED HEIGHT = 3.0m
VERTICAL FACE
30 Degree Slope



ASSUMPTIONS:

Soil Conditions:

Internal Angle of Friction = 27.5 degrees
Cohesion = 0
Min. bearing pressure = 150kPa or 150kN/m2
No groundwater in area of foundations

Nominal 100- 150mm layer Compacted Hardcore Base (Refer to Engineer for specific design cases)

RAWE STONEBOX - TYPICAL RETAINING WALL SECTIONS

1.5kN/m2 SURCHARGE LOAD WITH 30 DEGREE MAXIMUM RETAINED SLOPE ANGLE

LUSIT NEW ZEALAND,
Phone: 09-263 4122

DWG REF: RSBX - SK3, NZ
DATE : 24 FEBRUARY 2011
SCALE: 1:75 (A3)

Free-standing Rawe Stonebox walls