ARCHITECTURE

LOCATION

SITE

ATMOSPHERE - MORNING

ATMOSPHERE - MIDDAY

GROUND FLOOR - 1:200

Hotel - Restaurant  |  KeyMusic  |  Backstage  |  Rehearsal rooms  |  Starbucks  |  Studio

Big Square  |  Small Square  |  Big Music Hall  |  Small Music Hall

N

MARTIJN VAN DEN BERG - 4183541
CLIMATE DESIGN

CONSTRUCTION

RESISTANCE [DB]

NORMAL WALL STRUCTURE

REHEARSAL WALL STRUCTURE

FLOOR
- Floating screed
- Concrete
- Rigid insulation
- Multiplex
- Free hanging ceiling
- Batt insulation
- Multiplex
- Gypsum

WALL
- Helmholtz resonator
- Multiplex
- Batt insulation
- Cavity
- HS8 wall
- Multiplex
- Batt insulation
- Vapour barrier
- Cavity
- Retention wall
- Cavity
- Batt insulation
- Multiplex
EMPTY HALL

REVERBERATION - RT-30

CLARITY - C-80

EARLY DECAY TIME - EDT

G-STRENGTH - G

REFLECTIONS ROW 1

REFLECTIONS ROW 2

REFLECTIONS ROW 3

REFLECTIONS ROW 4

NORMAL AND TRANSPARENT

HELMHOLTZ RESONATOR

REFLECTOR CONSTRUCTION