

FOUR CHANBERED MINI HOFFMAN KILN

DESIGN SET



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and cooperation SDC

skat Swiss Resource Centre and
Consultancies for Development

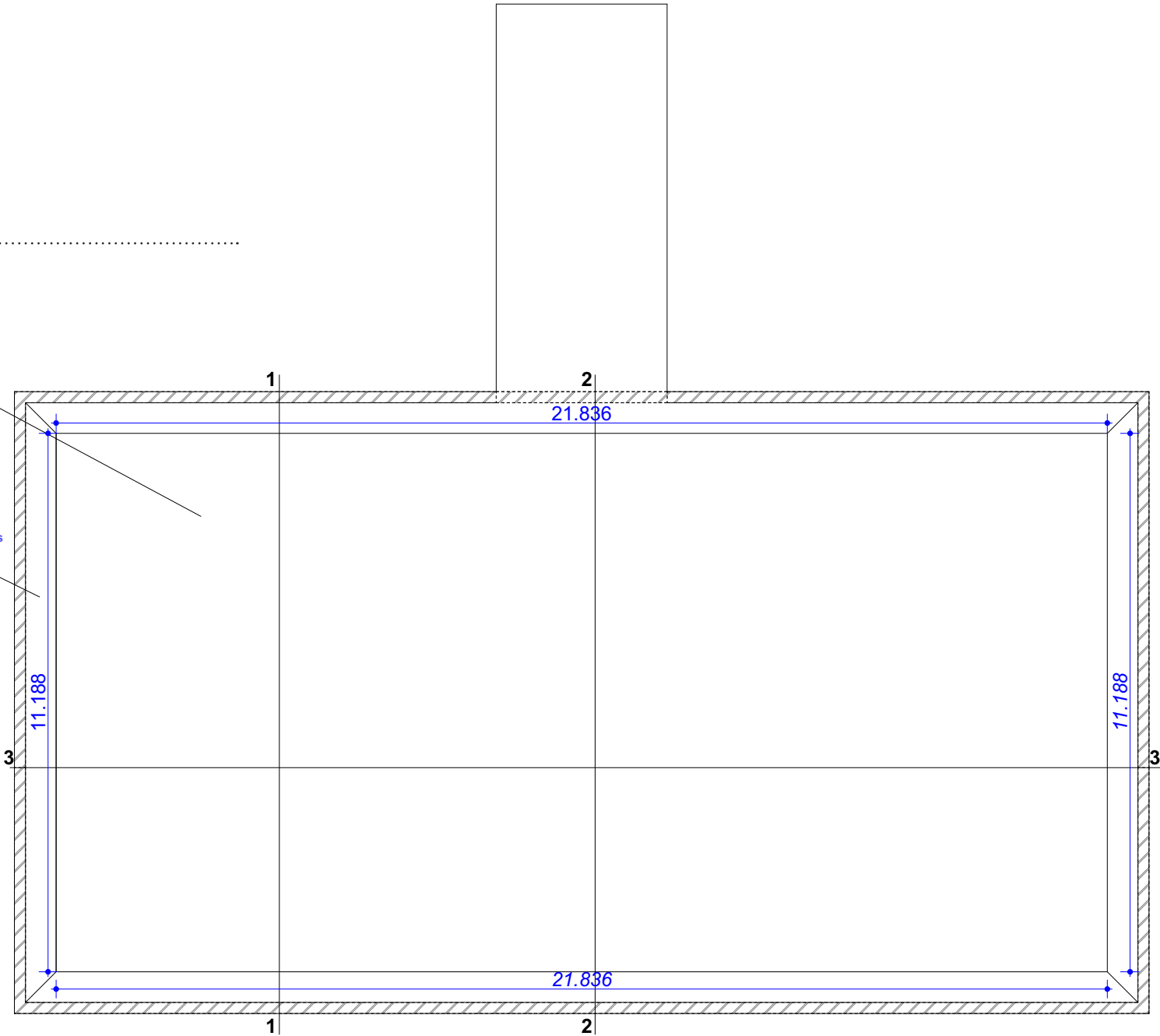
PROECCO PROmoting Employment through
Climate Responsive CONstruction

PLANS

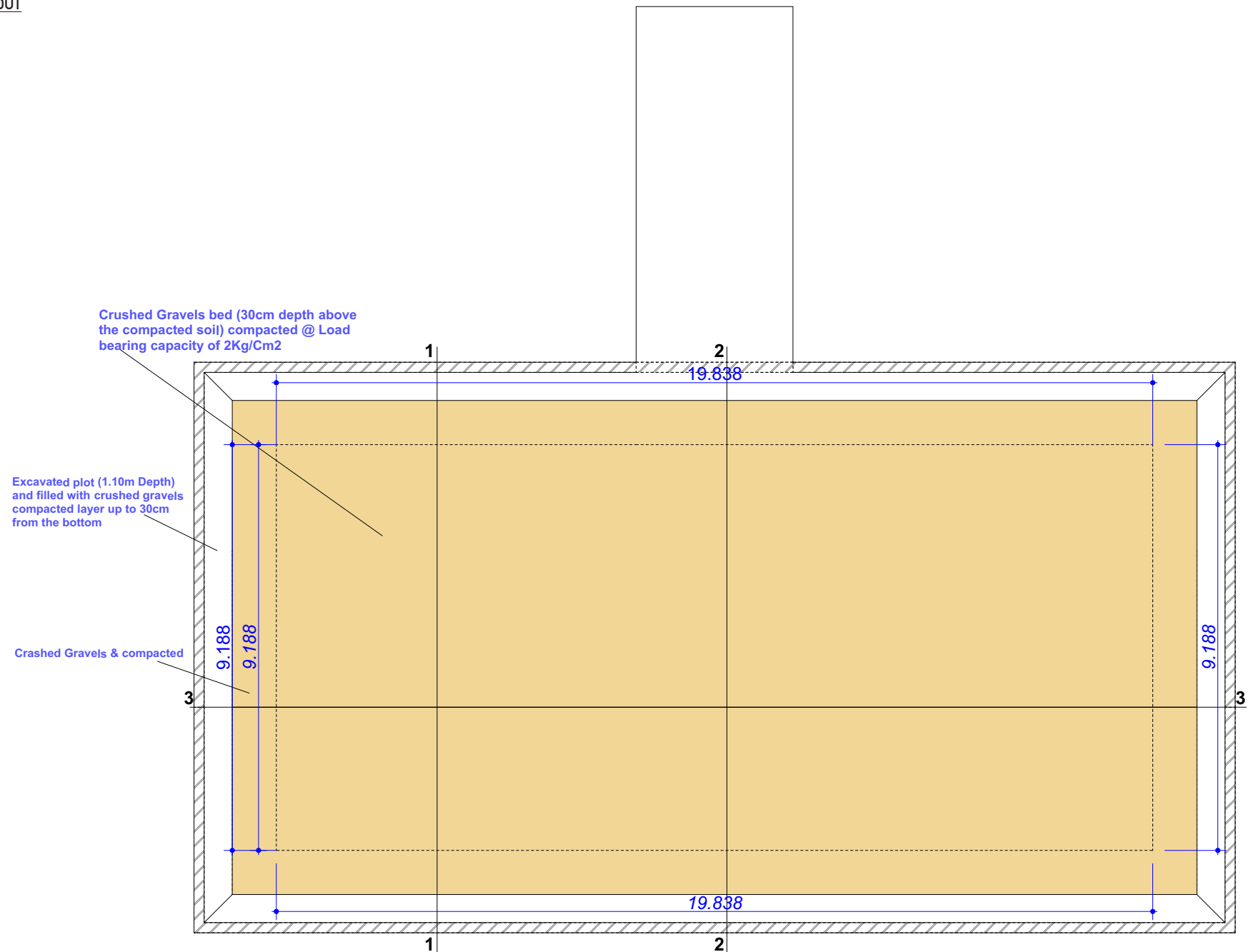
COMPACTED SOIL LAYOUT

Compacted Soil bed (Load bearing capacity of 2Kg/Cm2) at the bottom of 1.10 m depth excavated area

Excavated plot (1.10m Depth) and filled with crushed gravels compacted layer up to 30cm from the bottom



GRAVEL BED LAYOUT



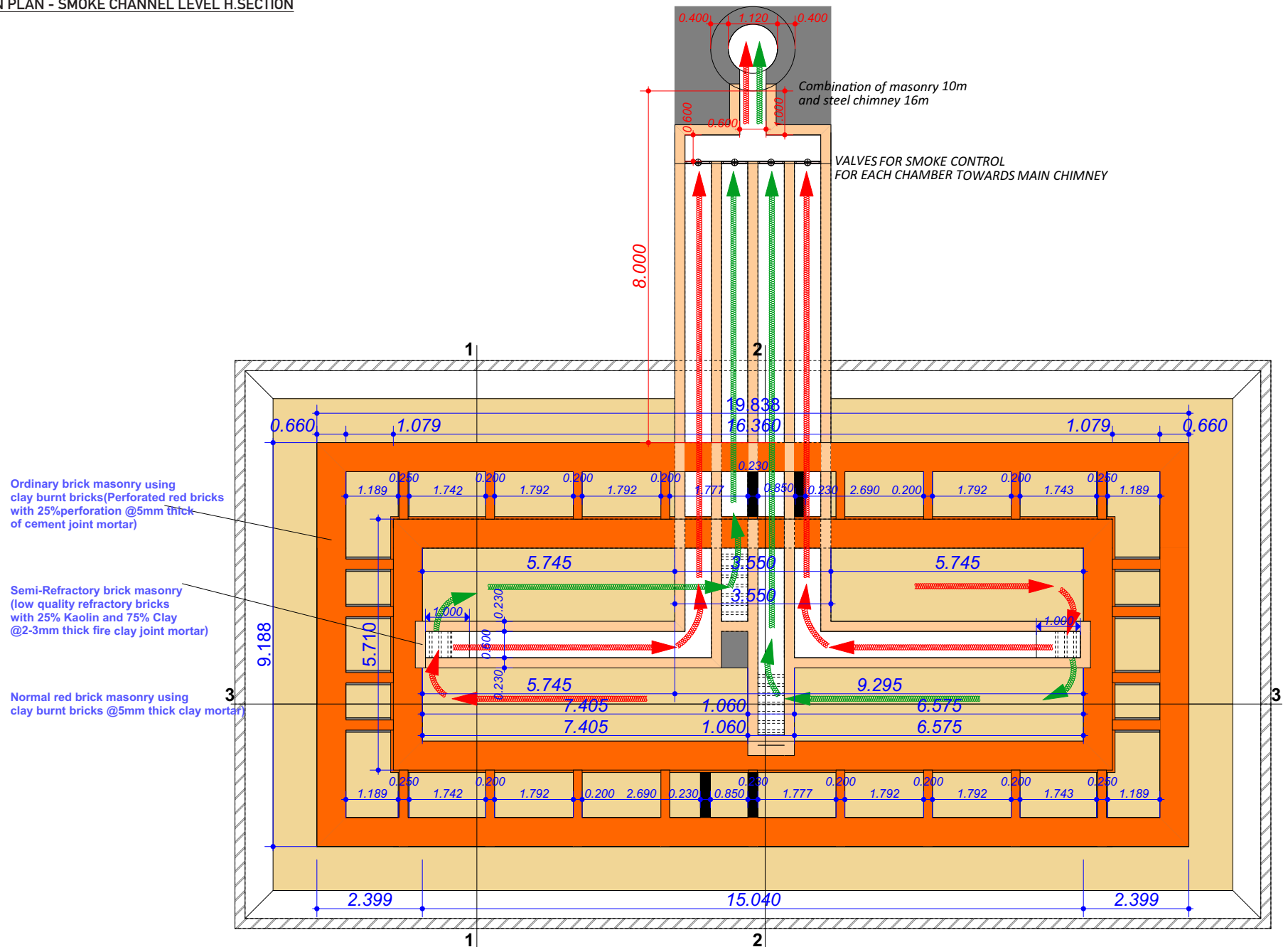
PCC LAYER DETAIL



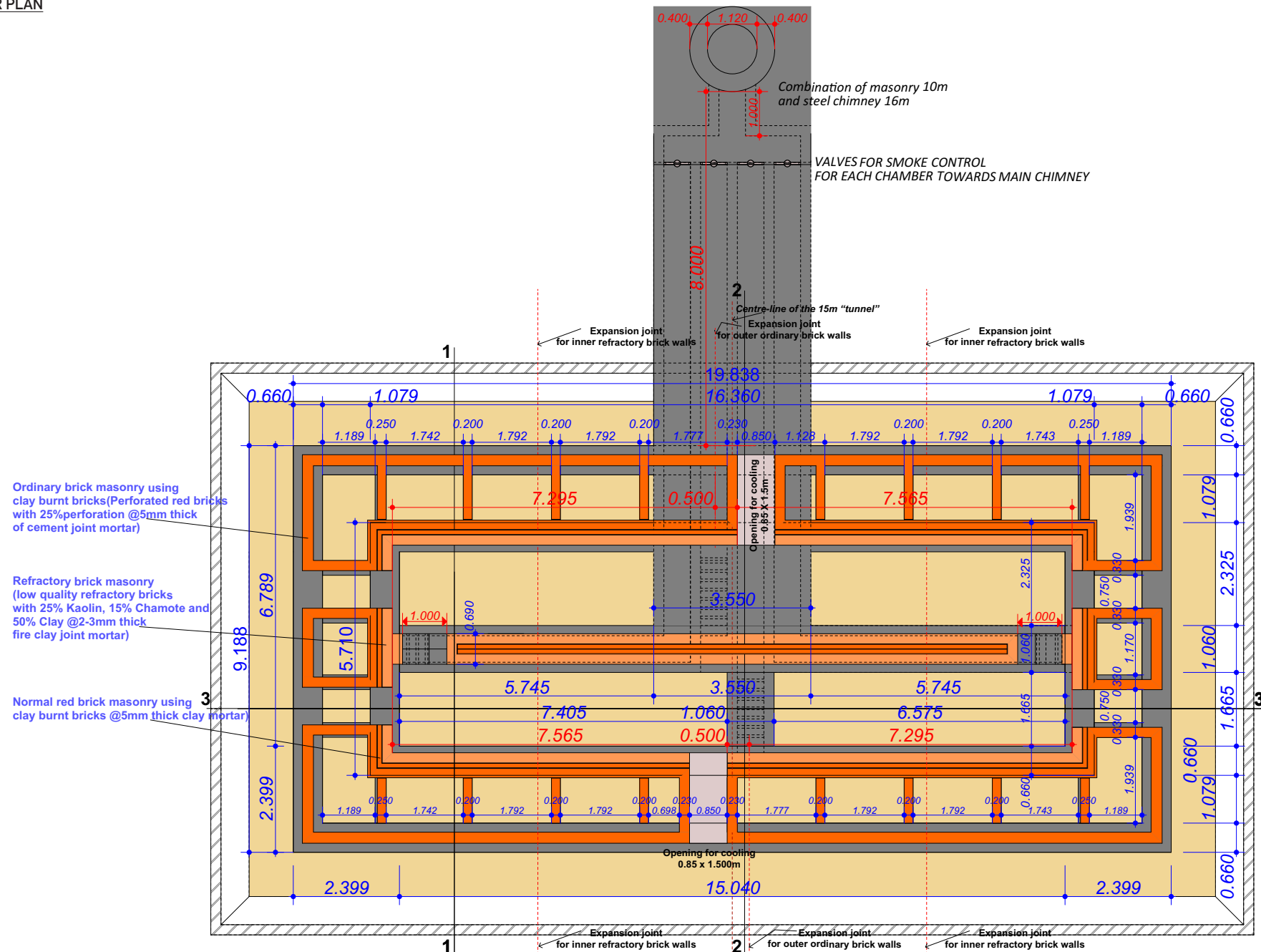
Crashed Gravels & compacted

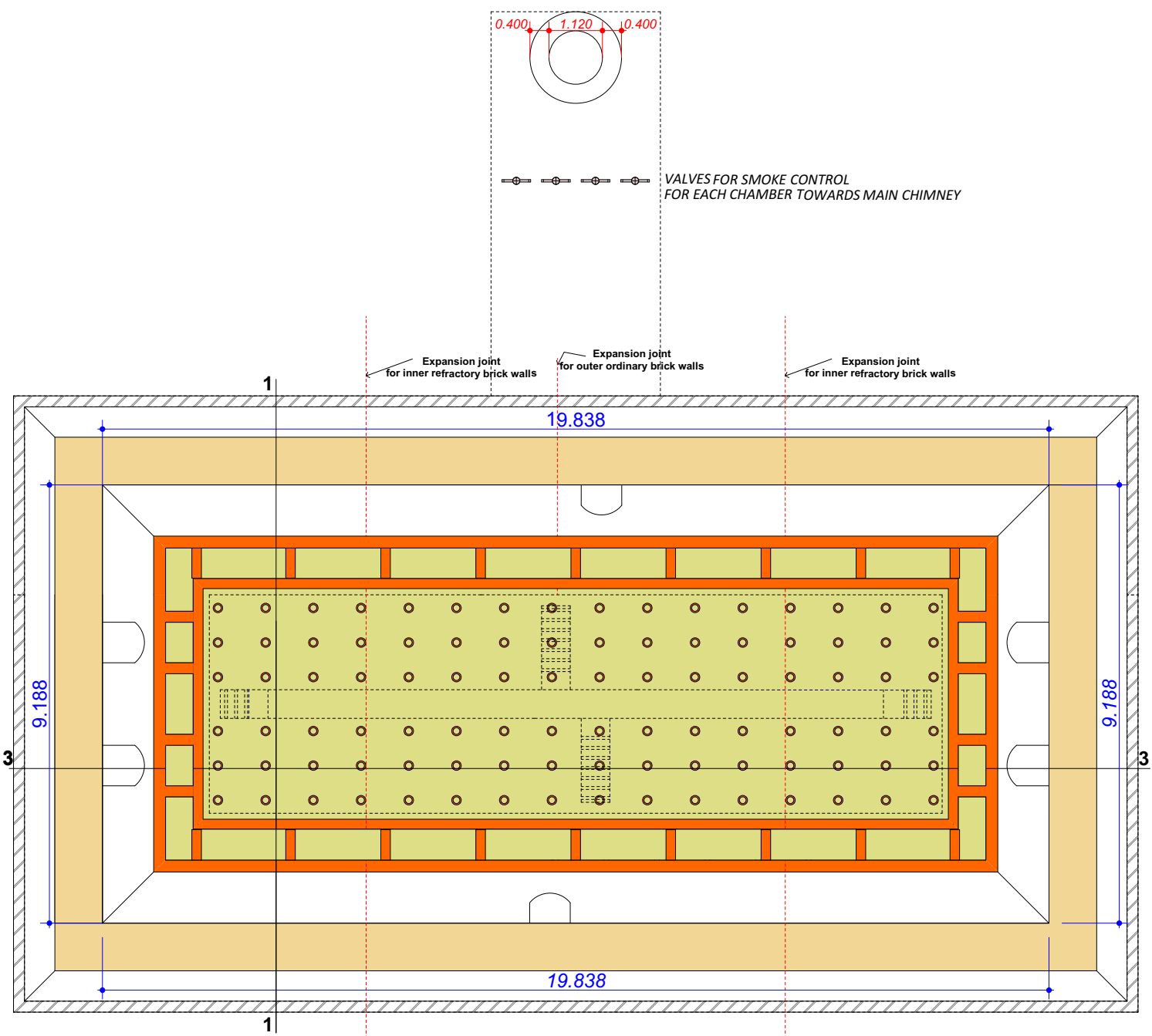
PCC @ 1:2:4 Ratio

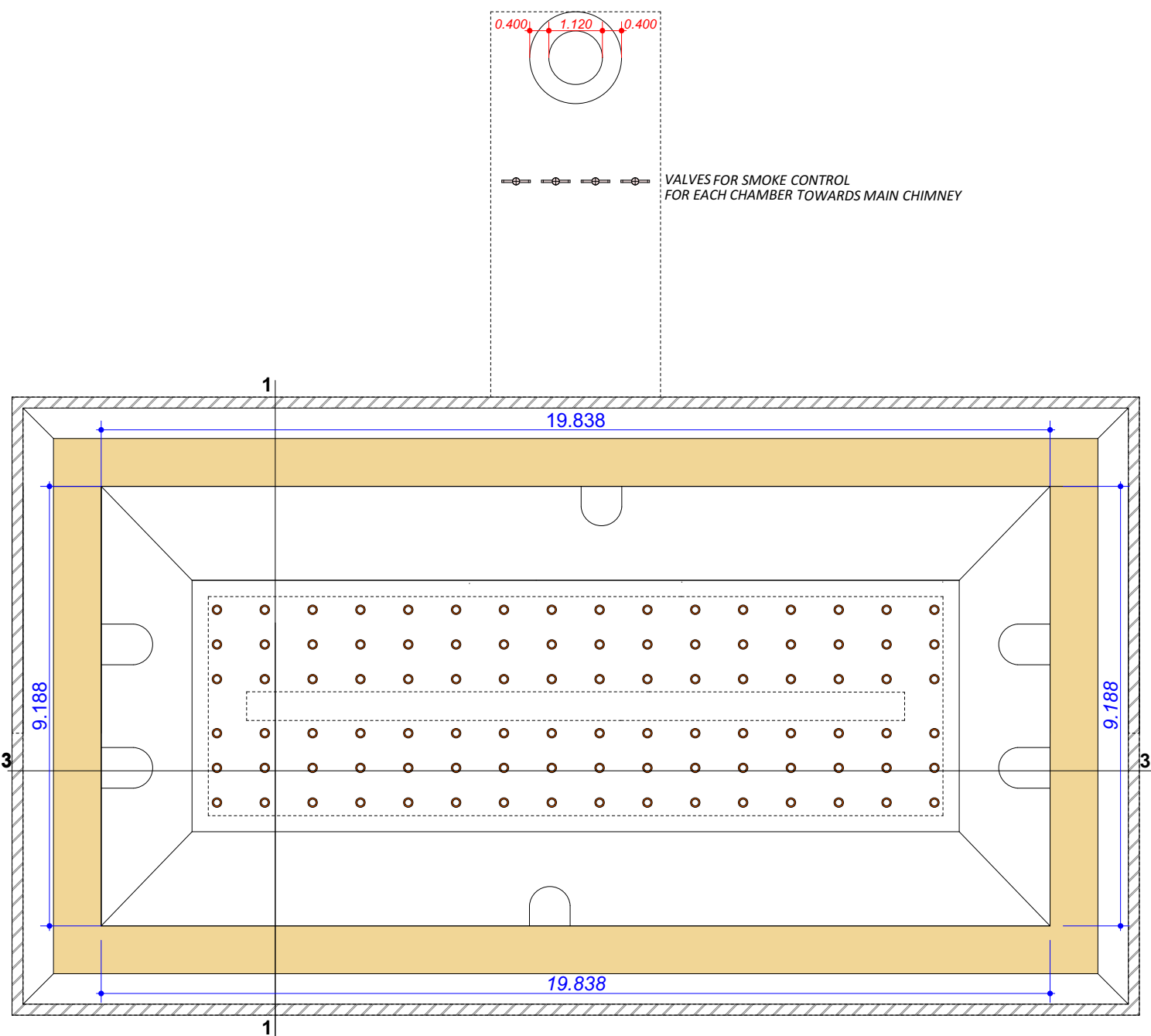
FOUNDATION PLAN - SMOKE CHANNEL LEVEL H.SECTION



GROUND FLOOR PLAN



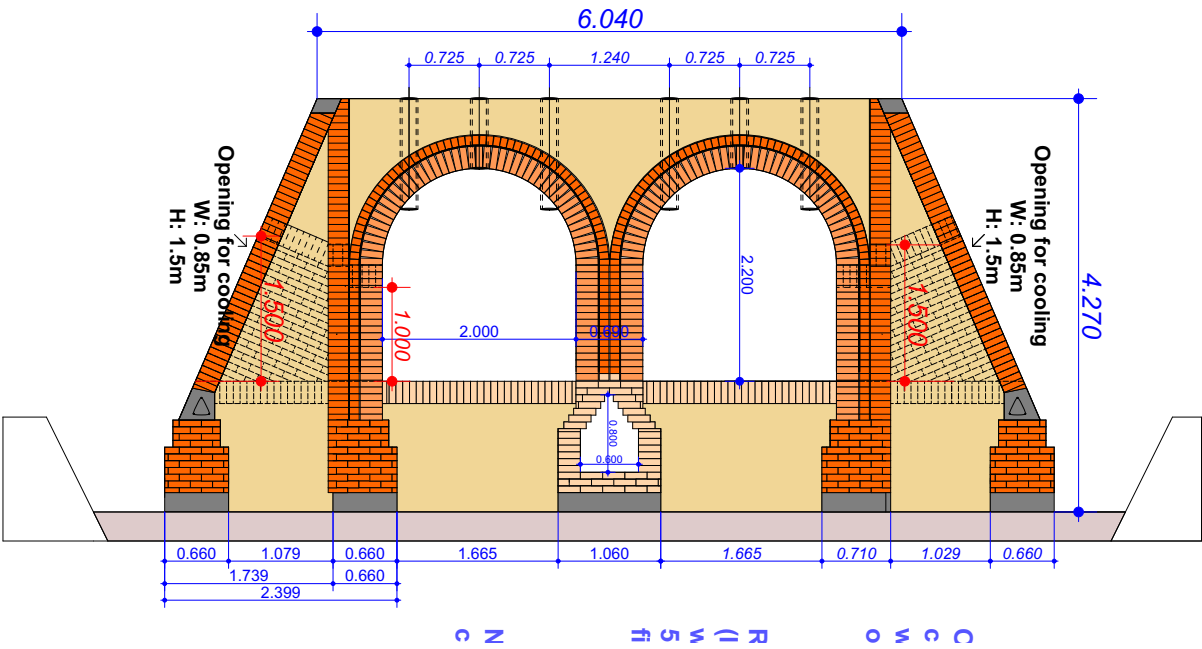


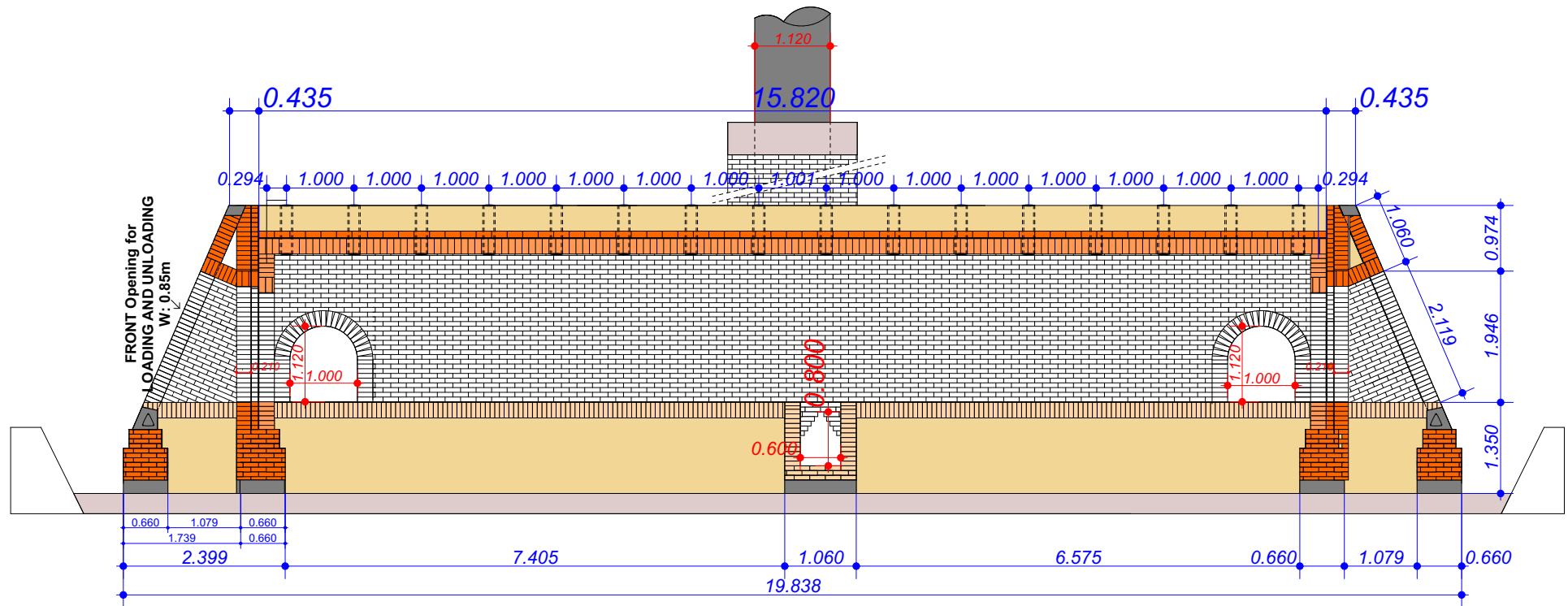


02

SECTIONS

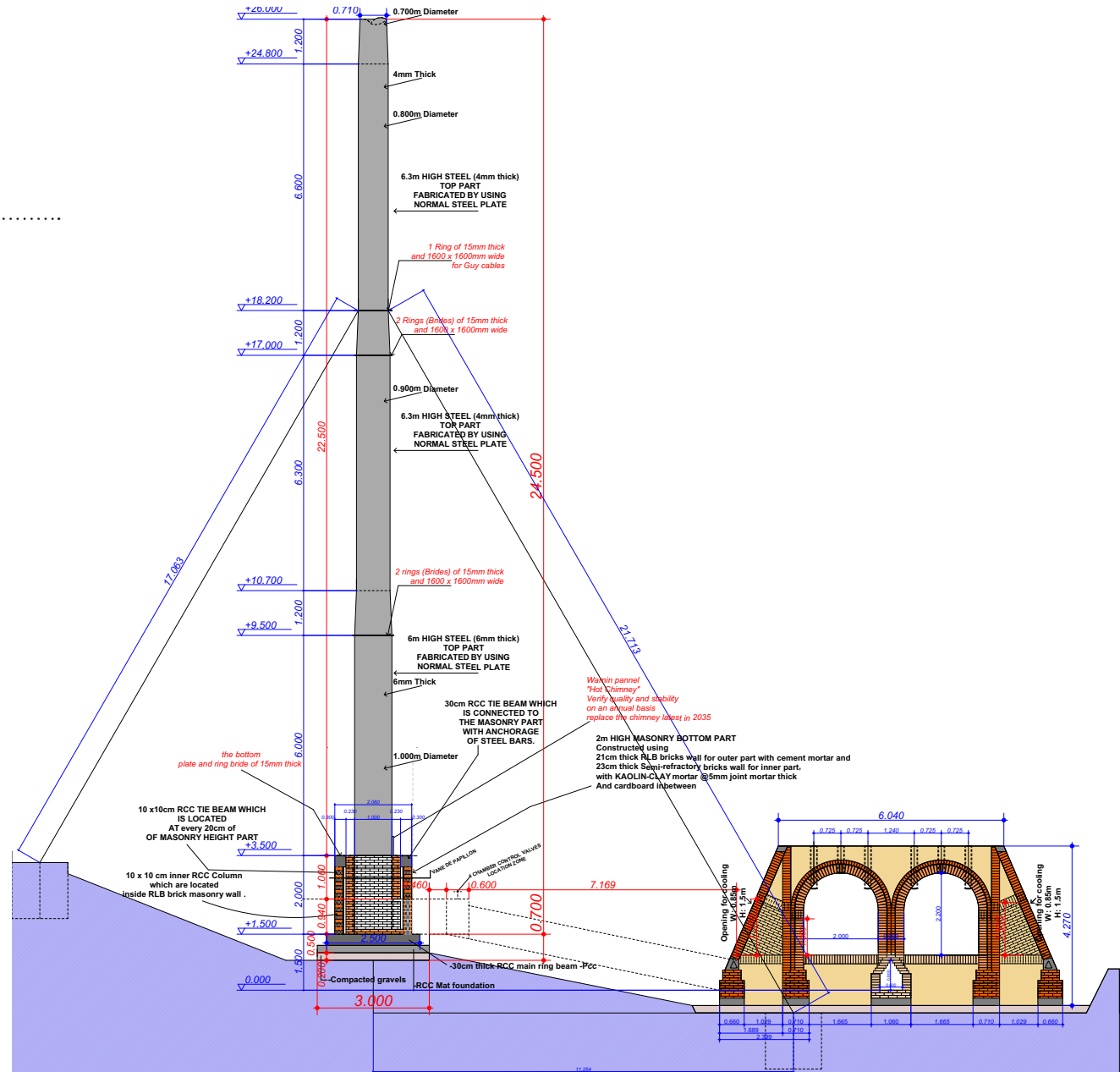
SECTION 1-1



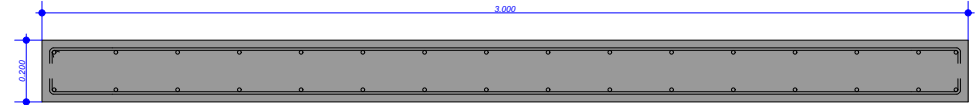
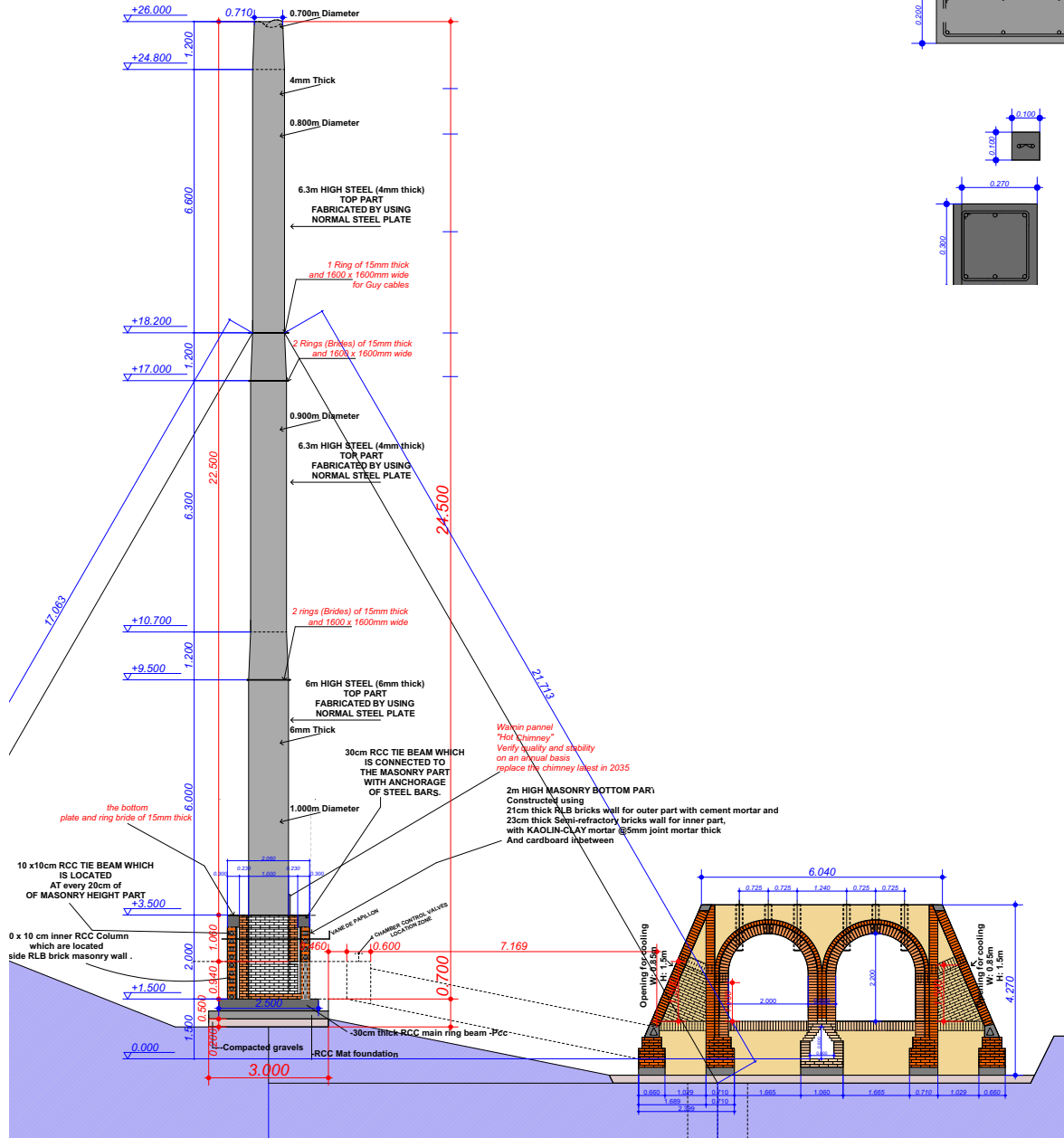


DETAILS

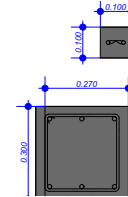
CHIMNEY GUY CABLES LAYOUT



STRUCTURAL DETAILS



-RCC Mat foundation with double mesh
T12 with 8mm @200mm center to center



-10 x 10 cm wide RCC Tie Beam
2T10 with stirrups 8mm @200mm center

-RCC Beam (Beam A) with double mesh
T14 with 8mm @200mm center to center

