

PROJECT PROPOSED HOTEL AND CAFE BAR
MARINE BUILDINGS, PENARTH

CLIENT SKYASSET LTD

TITLE
PROPOSED DEMOLITION AND RE-CONSTRUCTION OF CHIMNEYS AND PARAPET WALLS

ARCHITECT
NIGEL ARNOLD

DRAWN NA DATE 09/11 SCALE 1:100/20 DRWG No. 37311:25 REV.

22 NOV 2011

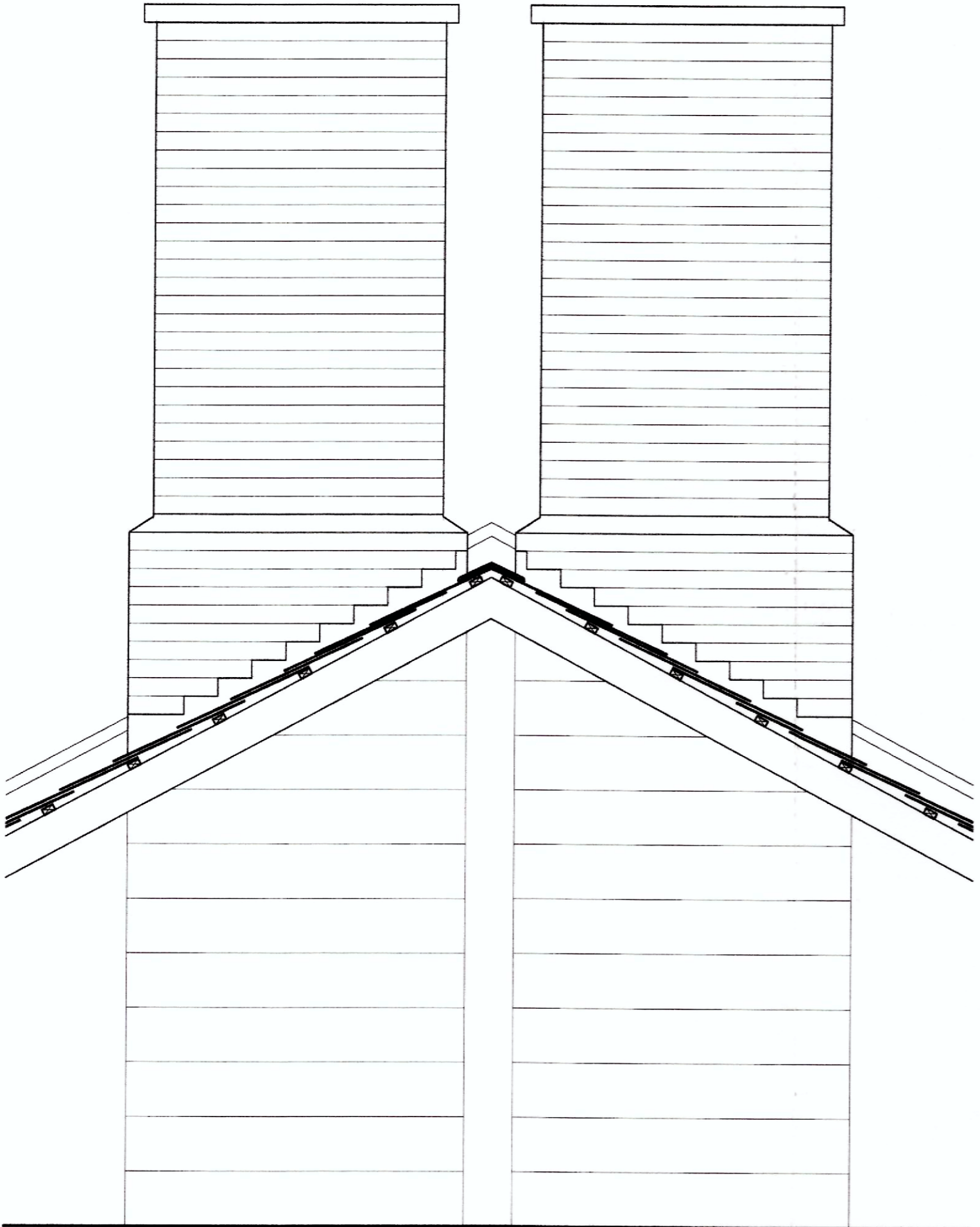
22 NOV 2011

DATE OF REGISTRATION 1101178 LBC

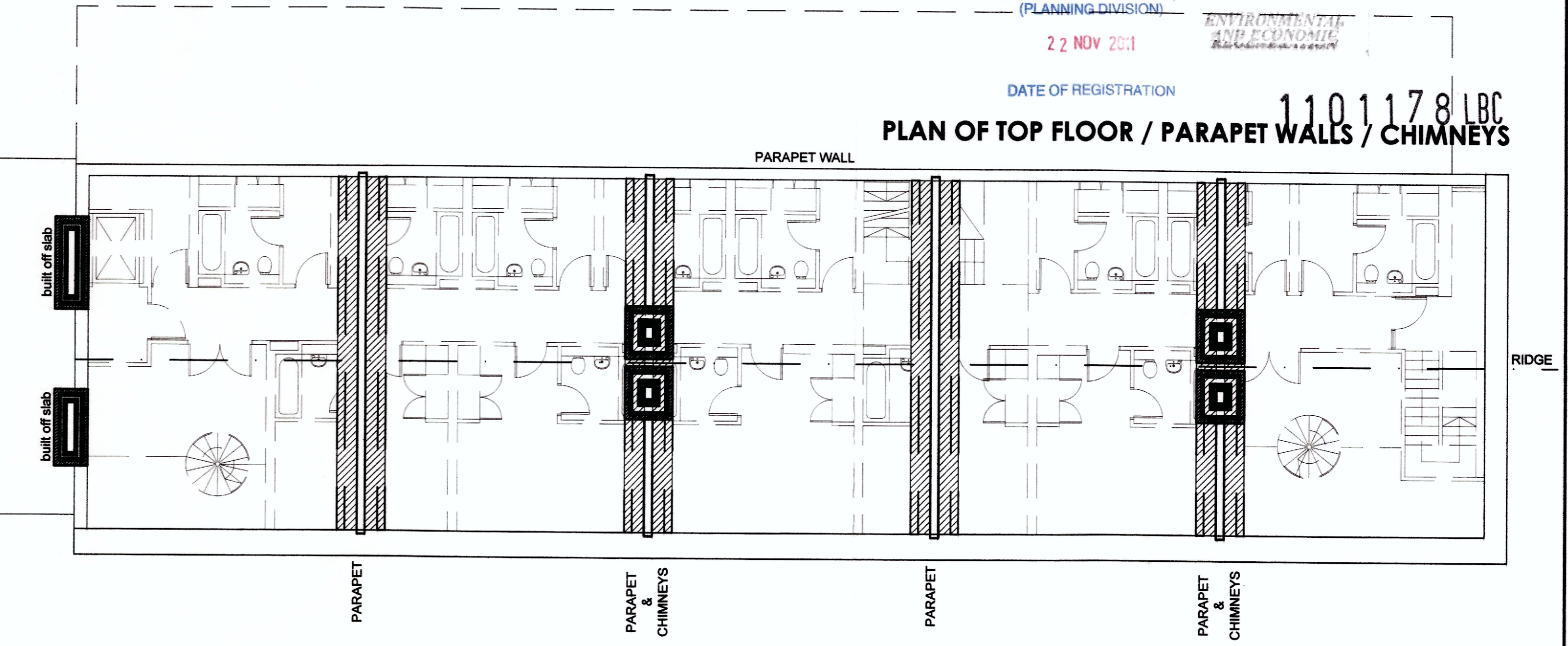
THE VALE OF GLAMORGAN COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPROVED
SUBJECT TO COMPLIANCE WITH CONDITIONS (IF ANY)
HEAD OF PLANNING AND TRANSPORTATION

METHOD STATEMENT FOR TAKING DOWN AND REBUILDING OF THE CHIMNEYS AND PARAPET WALLS

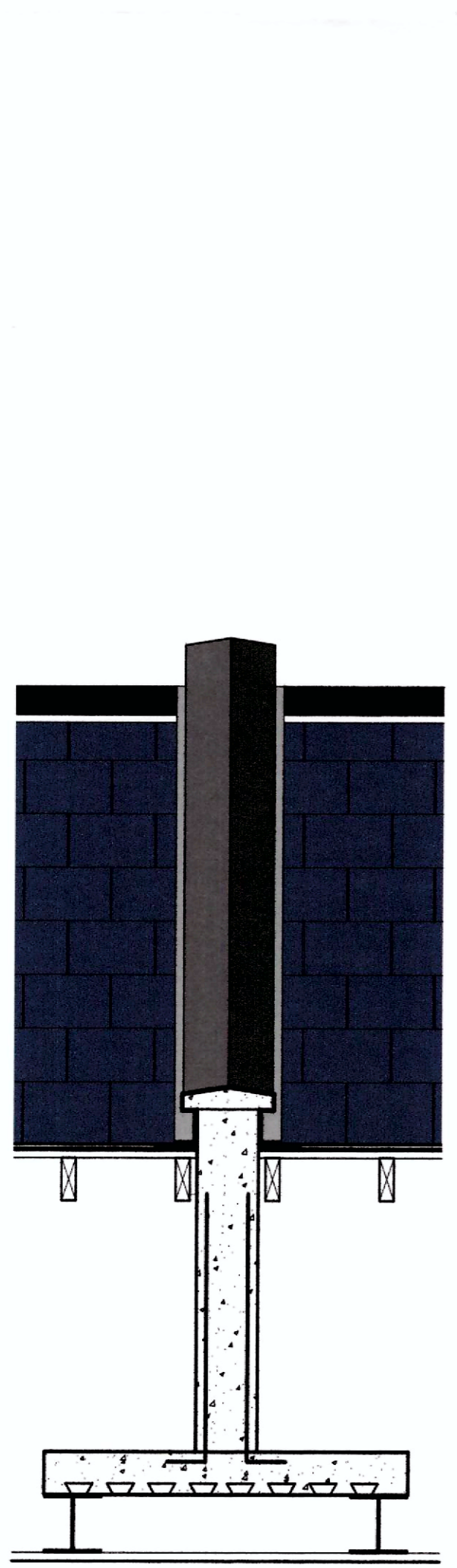
- DESCRIPTION OF EXISTING CONSTRUCTION**
- Intermediate chimneys - upper part brick, lower part rendered masonry, double stack.
 - Eastern gable end - all rendered, triple stack
 - Chimneys capped with non original concrete slabs, and a variety of pot styles and colours.
 - Parapet walls - masonry coping (possibly not original) on top of one brick thick party walls, with painted lead flashings.
- PROPOSED EXTENT OF DEMOLITION WORKS**
- It is proposed to take down the chimneys and parapet walls.
 - Existing pots will be set aside for cleaning and possible re-use.
 - Any brickwork within the existing chimneys that remains undamaged from cracking and/or spalled faces will be set aside for cleaning and possible re-use.
 - A detailed building and photographic survey has been carried out to record the materials, design, and dimensions of the chimneys and parapet walls. This will ensure all existing dimensions and details can be included with the re-construction.
- PROPOSED RECONSTRUCTION WORKS**
- The proposed new building behind the retained north and west fascades will include a steel frame, necessary for the support of the latter.
 - Below the line of each parapet wall / chimney doubled up steel beams will be incorporated into the frame construction spanning from behind the retained north facade to the rear line of the original main building slate roof.
 - A Ribdeck re-inforced concrete slab will span between the doubled up steels.
 - Along the line of the parapet walls, 215mm wide hollow core concrete blocks re-inforced with steel bars surrounded with concrete will rise up to the height profile of the dismantled parapet walls.
 - The walls will be capped with new re-constituted stone copings, with lead dressed down over the soaker upstands of the abutting slated roof.
 - The re-inforced hollow core block walls will continue through the base of the chimneys.
 - Below the slated roofline, the chimneys will be rebuilt in concrete masonry tied into the re-inforced hollow core block walls.
 - Where exposed externally, the chimneys will be built in re-used set aside brick and new Imperial sized brickwork to match the existing.
 - Above the roof line the stacks will divide into the separate chimneys in accordance with the survey documents.
 - Code 4 stepped flashings will be dressed over the soaker upstands of the abutting slated roof.
 - A code 4 lead tray will be installed through the re-built stacks to prevent water ingress below the roof line.
 - The stacks will be capped with new re-constituted stone coping slabs and bedded set aside / new red clay pots of a consistent design, and the coping slab weatherstruck pointed.



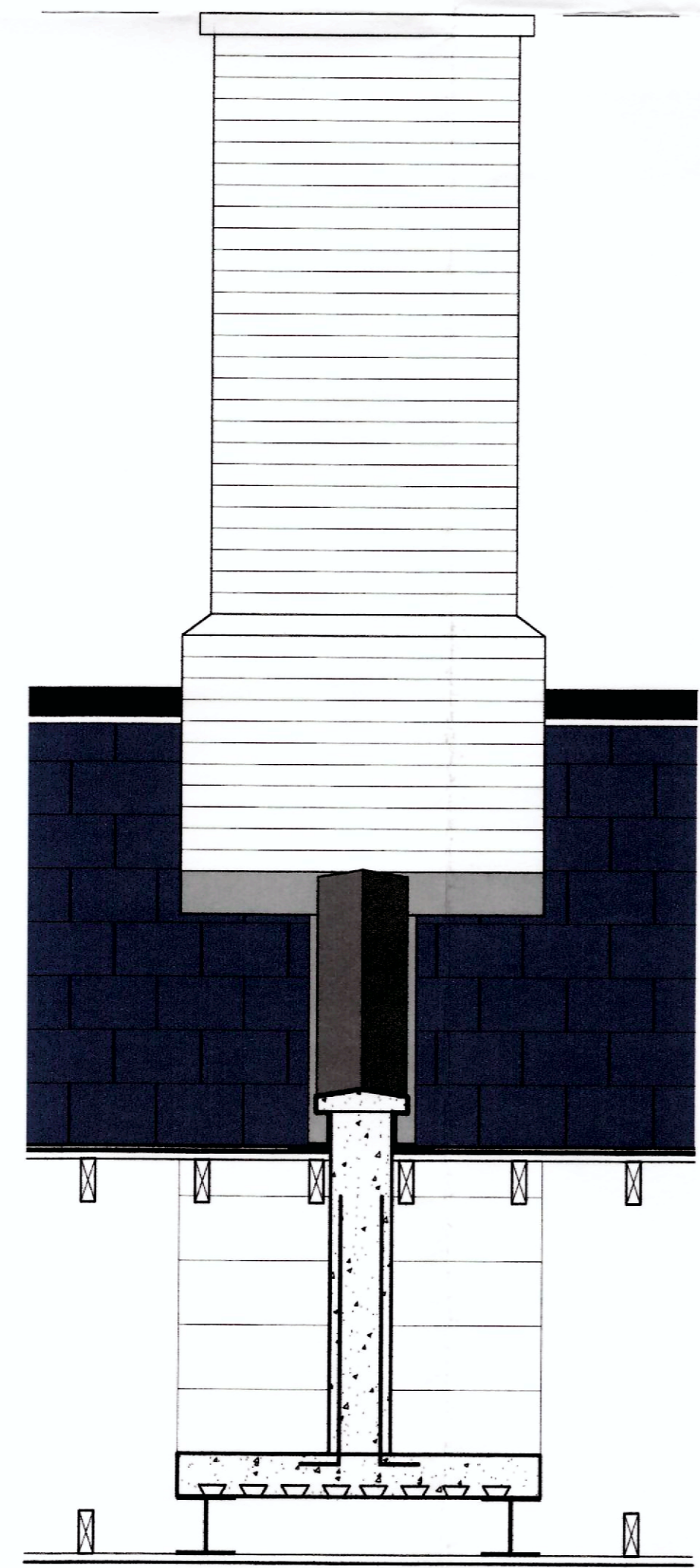
SECTION/SIDE ELEVATION OF DOUBLE CHIMNEY/ROOF



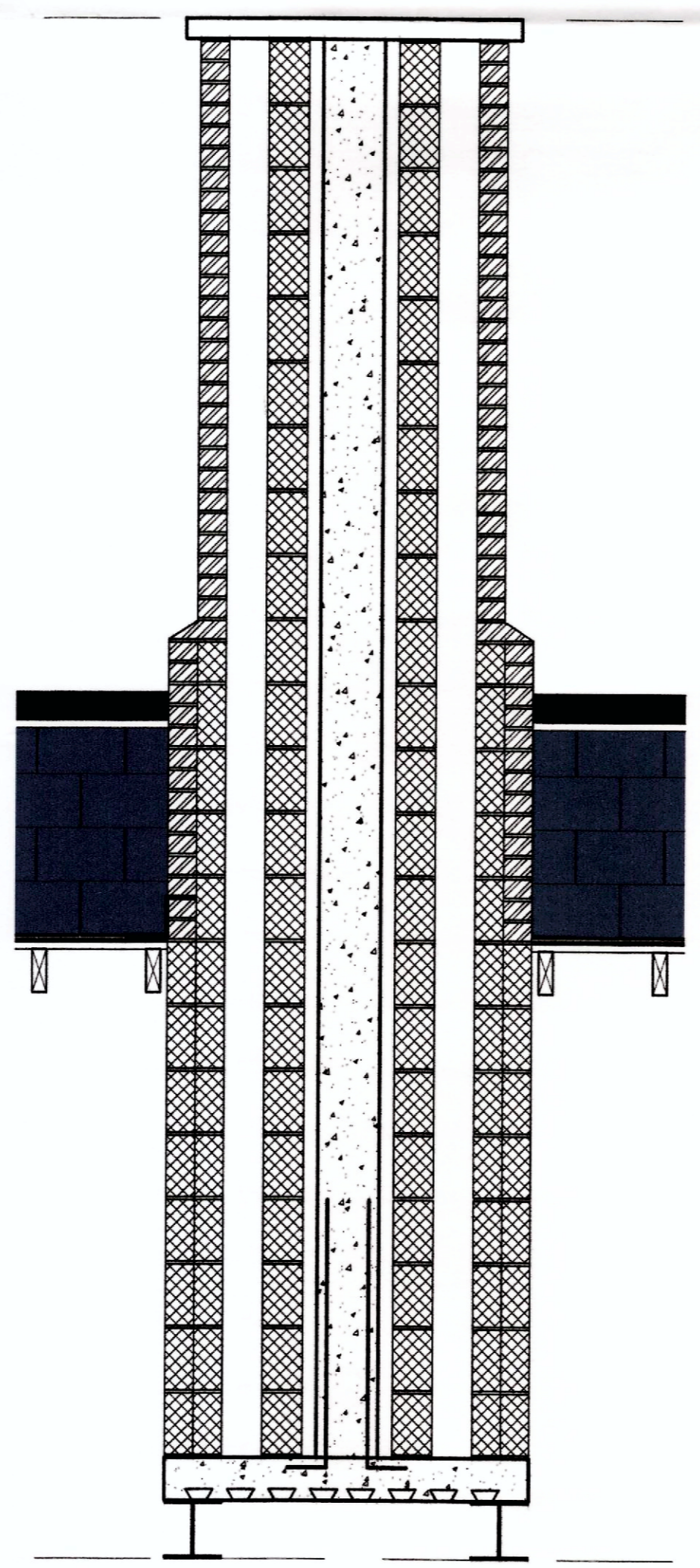
PLAN OF TOP FLOOR / PARAPET WALLS / CHIMNEYS



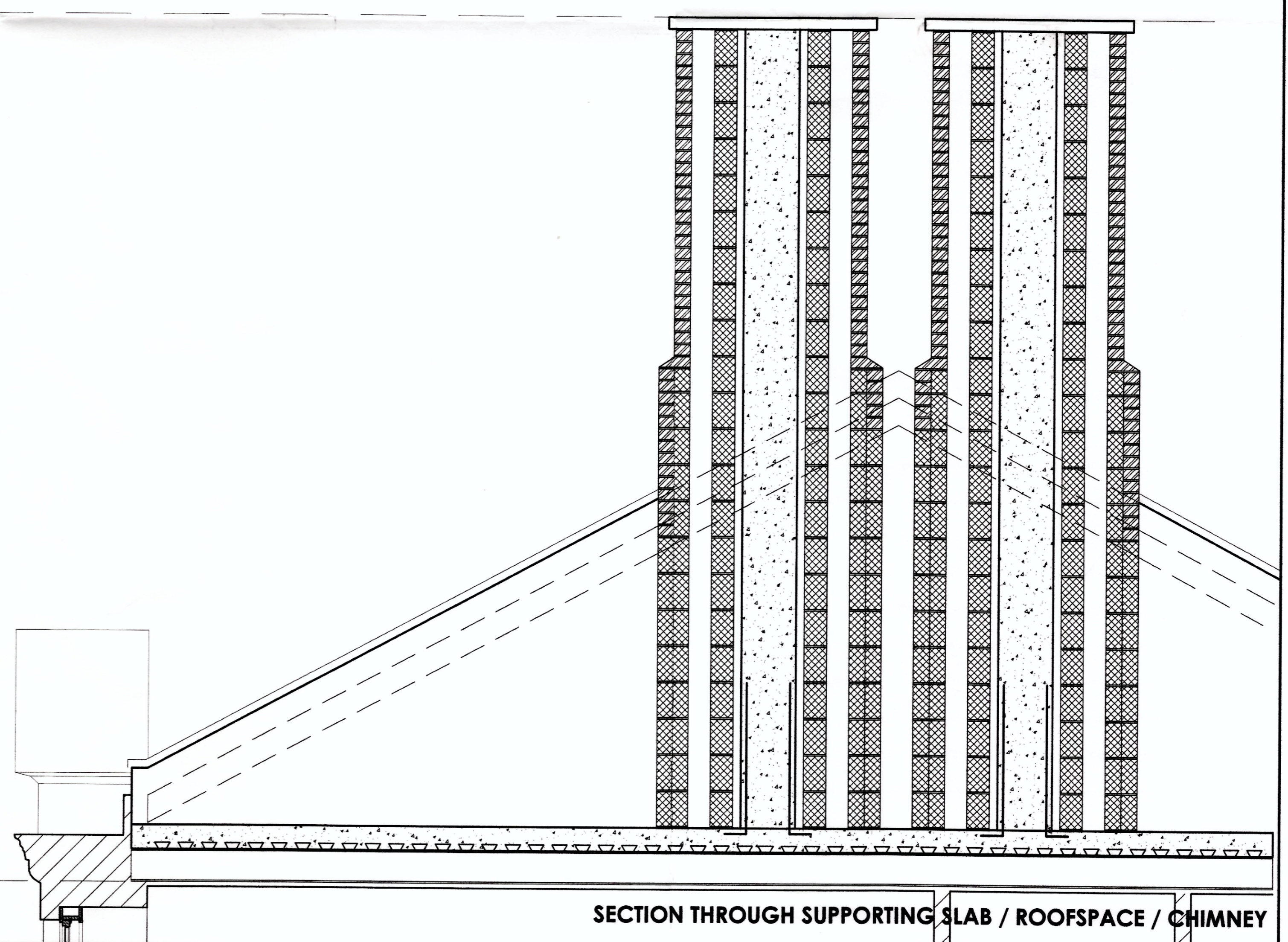
PARAPET WALL SECTION



WALL SECTION/FRONT ELEVATION OF CHIMNEY/ROOF



SECTION THROUGH CHIMNEY



SECTION THROUGH SUPPORTING SLAB / ROOFSpace / CHIMNEY