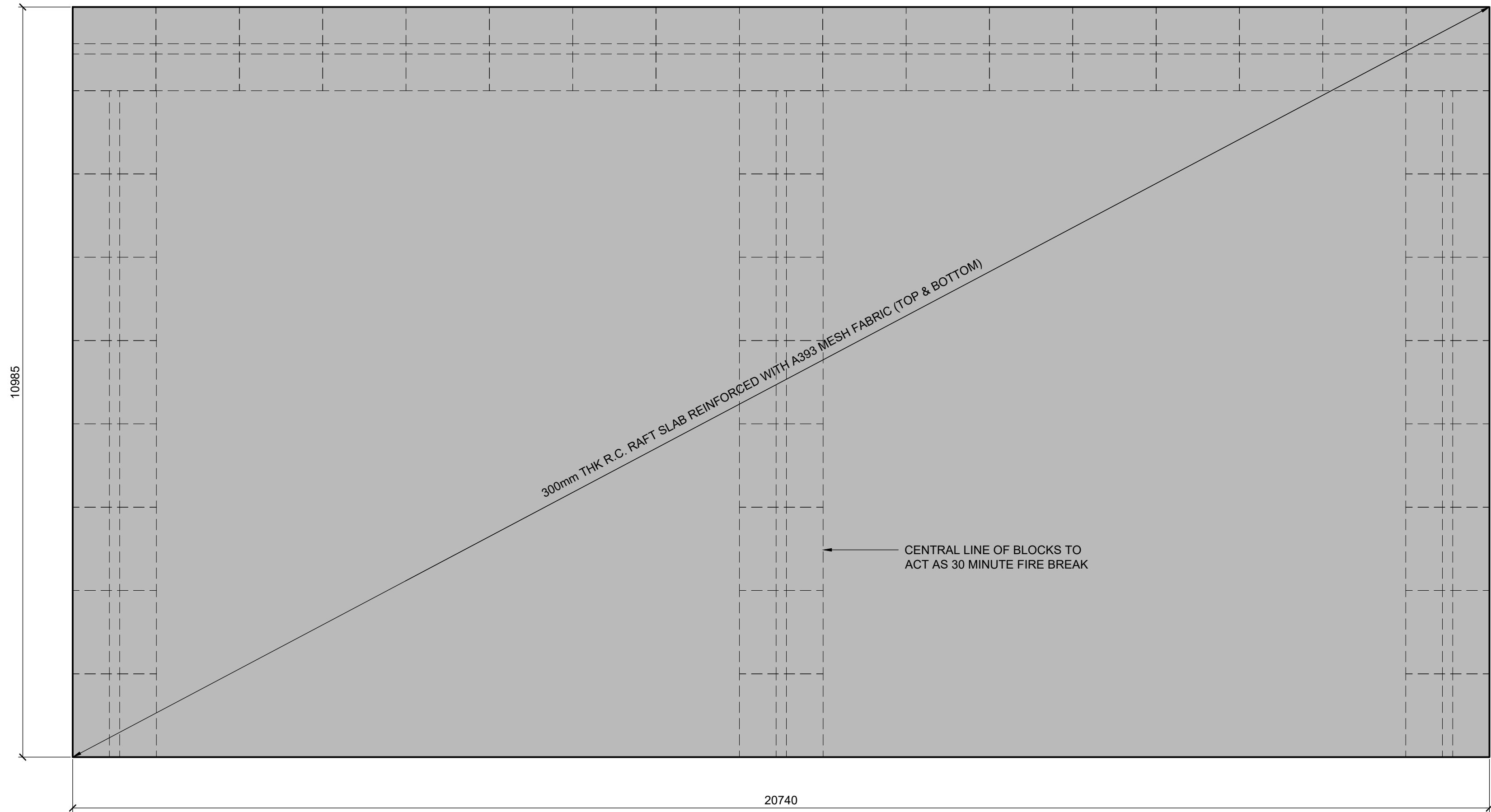
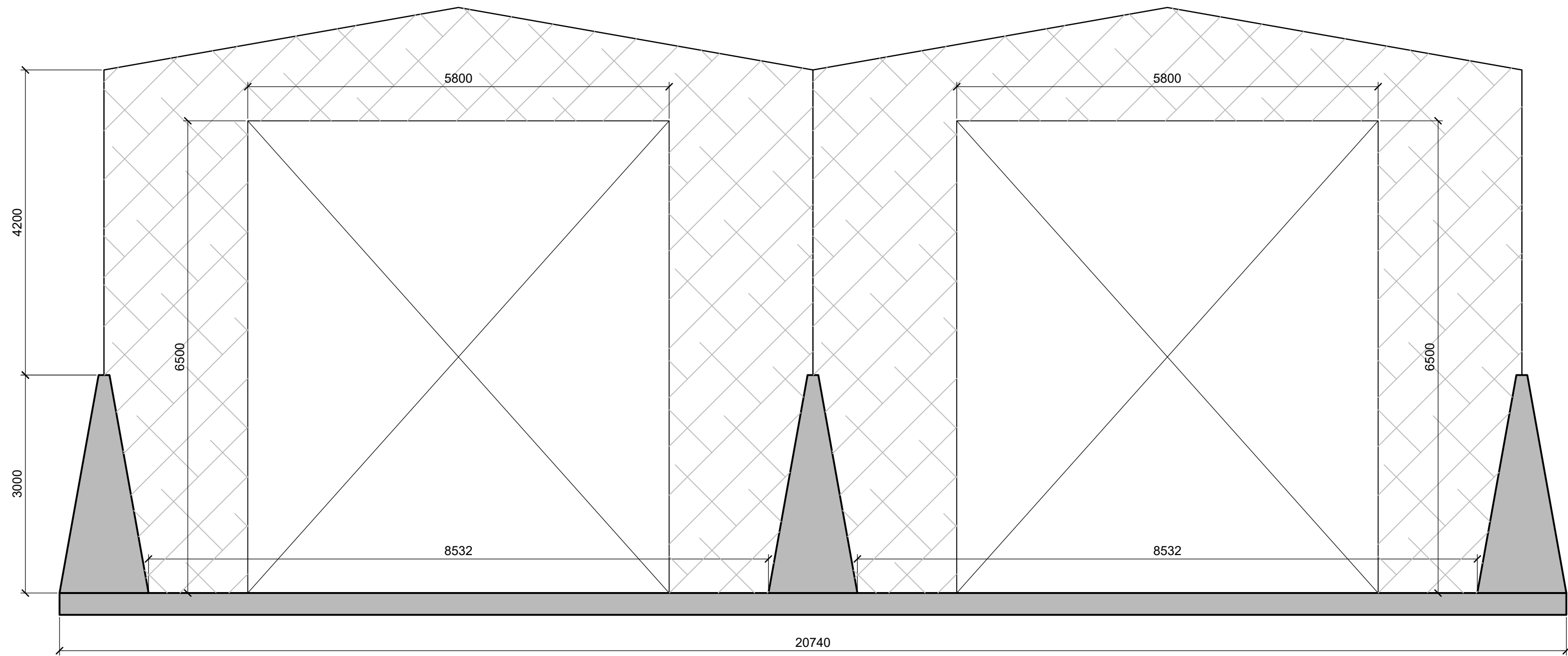




PLAN ON EXTERNAL TIP RAFT SLAB
SCALE 1:50



TYPICAL FRONT ELEVATION
SCALE 1:50

- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL LEVELS ARE IN METRES.
 3. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
 4. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS', ENGINEERS' AND SPECIALISTS' DRAWINGS TOGETHER WITH THEIR SPECIFICATIONS.
 5. DO NOT SCALE FROM THIS DRAWING, ONLY WRITTEN OR CALCULATED DIMENSIONS TO BE USED.
 6. IF SPECIFIED ITEMS ARE REPLACED WITH SIMILAR ITEMS THE RELEVANT DOCUMENTATION / CALCULATIONS SHOULD BE SUBMITTED TO THE ENGINEER TO DEMONSTRATE THEIR SUITABILITY.
 7. ONLY WHEN APPROVAL IS RECEIVED CAN THAT ITEM BE USED.
 8. SHOULD THERE BE ANY CONFLICT BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND THOSE INDICATED ON OTHER DRAWINGS, THE ENGINEER SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.
 9. FOR SETTING OUT OF MASONRY WALLS REFER TO RELEVANT ARCHITECT'S DRAWINGS.

- CONCRETE**
1. ALL STRUCTURAL CONCRETE TO BE GRADE C32/40
ALL BLINDING CONCRETE TO BE GRADE C16/20
ALL MIXES TO COMPLY TO BS EN 206-1 2000
 2. EXCEPT WHERE MASS CONCRETE BACKFILL IS USED, BASE TO BE CAST ON A MINIMUM OF 50mm BLINDING CONCRETE.
ALL BLINDING CONCRETE TO BE GRADE C16/20 AS NOTE 1
 3. THE FORMATION FOR BASE SHALL BE PROTECTED AS SOON AS PRACTICABLE AFTER EXPOSURE.
 4. FOR SURFACE FINISHES TO CONCRETE REFER TO THE SPECIFICATION FOR CONCRETE WORKS.
 5. WHERE PIPES AND DUCT EXIT FROM CONCRETE A ROCKER PIPE IS REQUIRED NOT MORE THAN 300mm FROM THE FACE OF THE CONCRETE.
 6. CONCRETE IN R.C. FLOOR SLAB TO BE A DESIGNED MIX IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 206/1, BS 8500/2 & BS 8110-1 / BS EN 1992-1-1.
DESIGNED MIX
ORDINARY PORTLAND CEMENT TO BS12
COARSE & FINE AGGREGATE TO BS 882
NOMINAL MAXIMUM SIZE OF AGGREGATE = 20mm
STRENGTH CLASS C28/35
MINIMUM CEMENT CONTENT = 340kg/m³
RATE OF SAMPLING - 12m³
WORKABILITY - TARGET SLUMP = 50mm
NO ADDITIVES TO THE CONCRETE WILL BE ALLOWED UNLESS AGREED WITH THE ENGINEER
 7. ALTERNATIVELY, FND2 DESIGNATED MIX IN ACCORDANCE WITH THE REQUIREMENTS OF BS EN 206/1, BS 8500/2 & BS 8110-1 / BS EN 1992-1-1
 8. MINIMUM LAPS IN MESH FABRIC REINFORCEMENT = 450mm.
 9. CONCRETE TO BE WELL COMPACTED USING POKER VIBRATORS.

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PROJECT	FIRE DAMAGE SURVEY	DRAWN	HM
LOCATION	BESSEMER CLOSE, CARDIFF	DATE	OCT. 2017
DRAWING TITLE	PROPOSED EXTERNAL STORAGE DETAILS	SCALE(S)	1:50 @ A1
DRAWING No.	006	COMPUTER REF.	6044