

Specifications - D - Masonry				
Key Value		Keynote Text		
D1: General Masonry		Use a brick gauge of 85mm. Do not use units with damaged faces or edges. Do not wet bricks/ blocks when air temperature is less than 5°C. Mix face bricks from different pallets to ensure a uniform appearance. Finished work: Free from patches, horizontal stripes and racking back marks. Mortar joints: Fill vertical joints and lay bricks, solid and cellular blocks on a full bed. Keep brickforce 20mm from the face of the external work and 12mm back from the face of the internal work.		
D2: Mortar testing		Sand to be adequately sieved before use. Samples of mortar to be sent for testing to a SANAS accredited laboratory. Testing method: SANS 10164-1 Works mortar test. Test results to the satisfaction of the structural engineer.		
D3: Masonry Foundation wall to Eng.		Masonry foundation wall strictly to Engineer's specification and details. Engineer's specifications supersede those of the Architect. Galvanized brick reinforcing to be used every brick course from foundation to floor level.		
D4: Face brickwork		Clay facing bricks FBX. Type: Corobrik Firelight Travitine. Wall thickness: As indicated on drawings. Bond: Stretcher. Joints: Recessed. Mortar mix: Class 2. Brickforce to be used every course above door and window openings for 5 course and every fourth course for the rest of the wall. Provide each of the five courses under the roof truss with brickforce. Brickforce to overlap by minimum of 300mm. Brickforce to extend 600mm beyond all openings. Provide 15mm horizontal soft joint to non-loadbearing walls below concrete slabs. Where internal skin of wall is to be plastered, skin to be made up of common clay NFP bricks. Consult with supplier in terms of curing of brickwork.		
D5: Plastered brickwork		Type: Clay common bricks NFP. Wall thickness: As indicated on drawings. Bond: Stretcher. Mortar mix: Class 2. Brickforce to be used every course above door and window openings for 5 course and every fourth course for the rest of the wall. Provide each of the five courses under the roof truss with brickforce. Brickforce to overlap by minimum of 300mm. Brickforce to extend 600mm beyond all openings. Provide 15mm horizontal soft joint to non-loadbearing walls below concrete slabs. Control joints at maximum 12m centres. Consult with supplier in terms of curing of brickwork. Surface to receive plaster as specified on drawings. Ensure adequate surface for plaster to bond to. Brick work still to be built straight and plumb and openings between bricks still to be filled completely irrespective of surface being plastered.		
D6: Brickwork		Type: Clay common bricks NFP. Wall thickness: As indicated on drawings. Bond: Stretcher. Mortar mix: Class 2. Brickforce to be used every course above door and window openings for 5 course and every fourth course for the rest of the wall. Provide each of the five courses under the roof truss with brickforce. Brickforce to overlap by minimum of 300mm. Brickforce to extend 600mm beyond all openings. Provide 15mm horizontal soft joint to non-loadbearing walls below concrete slabs. Control joints at maximum 12m centres. Consult with supplier in terms of curing of brickwork. Finish as specified on drawings.		
D9: Face brick window sill		Brick on edge facebrick (same as for wall) sill sloping from window position complete with DPC and weepholes. Joints same as for wall. Sill to project 45mm from wall edge. Mortar mix 1:1/4:3 cement:lime:sand. Openings below window frame to be filled and sealed watertight. Ensure bricks on the ends are solid.		