

STEELWORK

UNLESS NOTED OTHERWISE, ALL FILLET WELDS TO BE 6mm.

ALL BOLTS TO BE GRADE 8.8.

ALL STEELWORK TO BE GRADE S275 TO BS4360 AND TO BS5950.

THE FABRICATOR SHALL BE RESPONSIBLE FOR THE ACCURACY & FIT OF STEELWORK.

UNLESS NOTED OTHERWISE, ALL STEELWORK SHALL BE BLAST CLEANED TO SECOND QUALITY FINISH IN ACCORDANCE WITH BS4232.

ALL STEELWORK TO BE GALVANISED.

FACES OF ALL UNCASD OR PARTIALLY CASD STRUCTURAL STEELWORK THAT ARE WITHIN THE CAVITY OF THE EXTERNAL OR BURRIED BELOW GROUND SHALL BE WITH ONE COAT OF BITUMINOUS PAINT.

CONCRETE

CONCRETE MIXES MUST COMPLY TO BS 5328: METHODS FOR SPECIFYING CONCRETE MIXES.

CONCRETE TO BE GRADE C35/20.

CEMENT SHALL COMPLY WITH BS12 FINE AND COARSE AGGREGATE TO COMPLY WITH BS882.

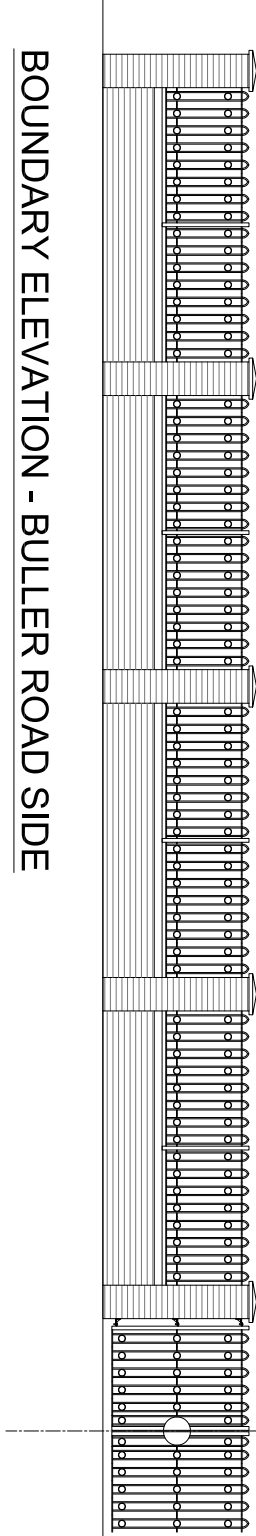
MINIMUM COVER TO ANY REINFORCEMENT TO BE 40mm.

A MIN. 50mm BLINDING CONCRETE IS TO BE LAID UNDER REINFORCED CONCRETE IN CONTACT WITH THE GROUND.

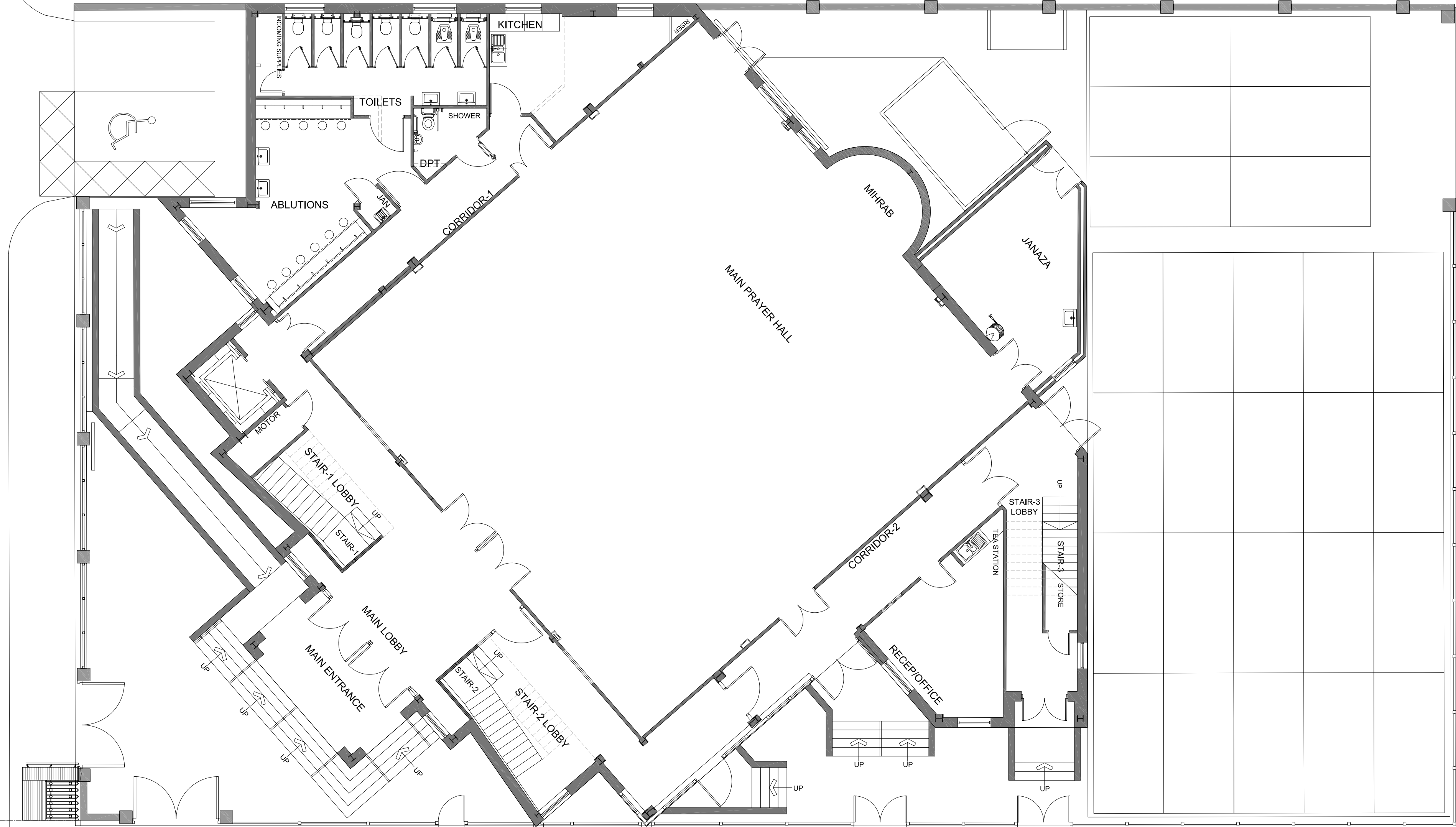
THE BLINDING LAYER MUST BE THICKENED TO FILL ANY ISOLATED POCKETS OF SOFT MATERIAL. LARGE AREAS OF SOFT MATERIAL SHOULD BE DUG OUT AND FILLED WITH COMPACTED HARDCORE OR LEAN MIX CONCRETE.

THE CONCRETE BLINDING MUST COMMENCE AS SOON AS THE FOUNDATION BOTTOM HAS BEEN APPROVED BY THE BUILDING INSPECTOR, SO AS TO AVOID ANY DETERIORATION OF THE BEARING SURFACE.

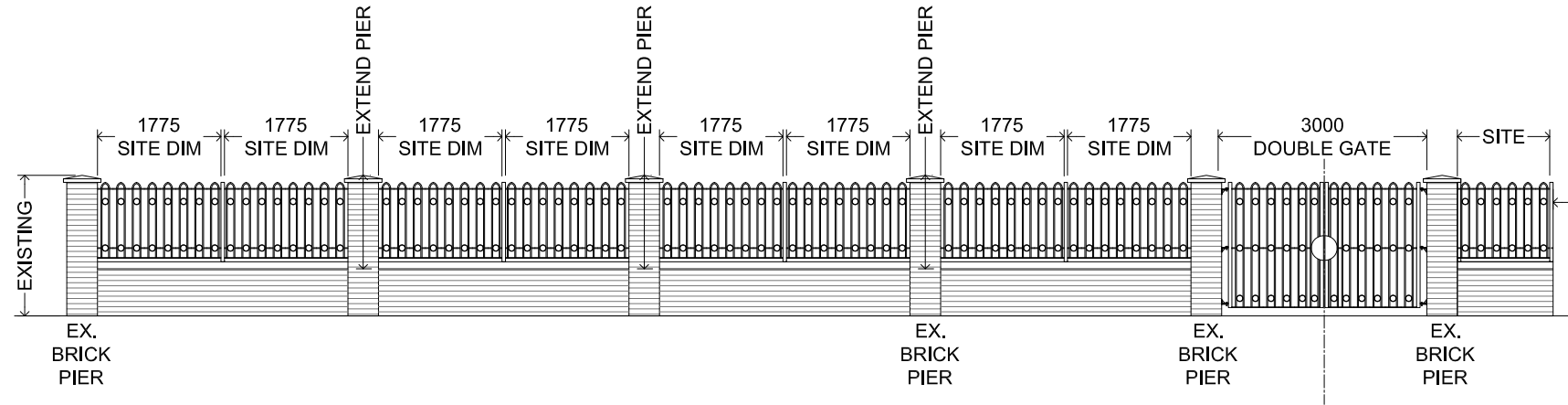
BOUNDARY ELEVATION - BULLER ROAD SIDE



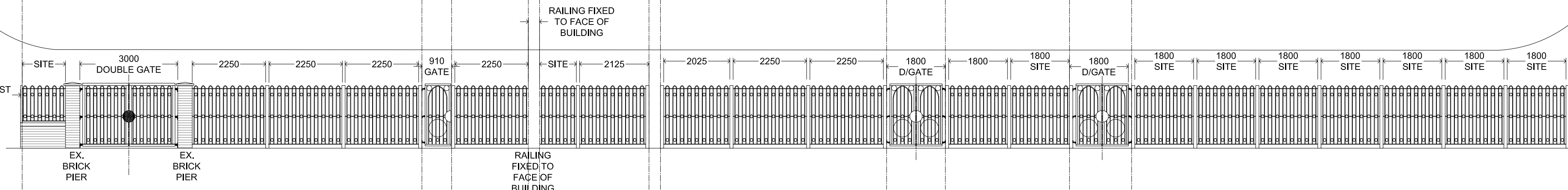
SITE PLAN (SCALE 1:100)



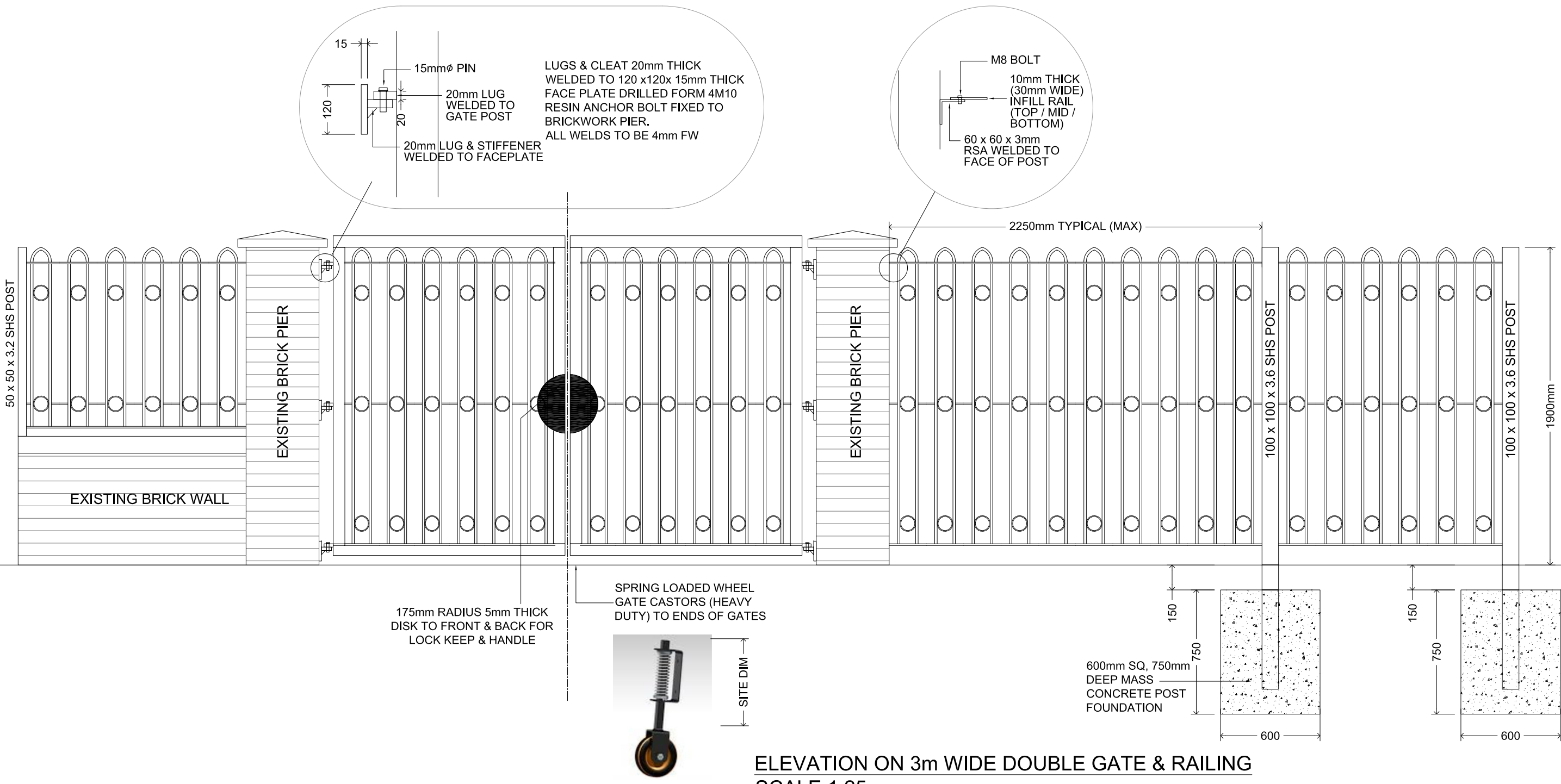
BOUNDARY ELEVATION - CAMPBELL ROAD SIDE



BOUNDARY ELEVATION - BULLER ROAD SIDE (SCALE 1:100)



BOUNDARY ELEVATION - BERESFORD ROAD SIDE (SCALE 1:100)



ELEVATION ON 3m WIDE DOUBLE GATE & RAILING
SCALE 1:25

STEEL GATE & RAILS SPECIFICATION

ALL ELEMENTS TO BE GALVANISED & POWDER COATED (RAL COLOUR)

3m WIDE DOUBLE GATE
GATE FRAME (SIDES) 100 x 100 x 3.6mm SHS
GATE FRAME (TOP) 100 x 100 x 3.6mm SHS
GATE FRAME (BOTTOM) 100 x 100 x 3.6mm SHS

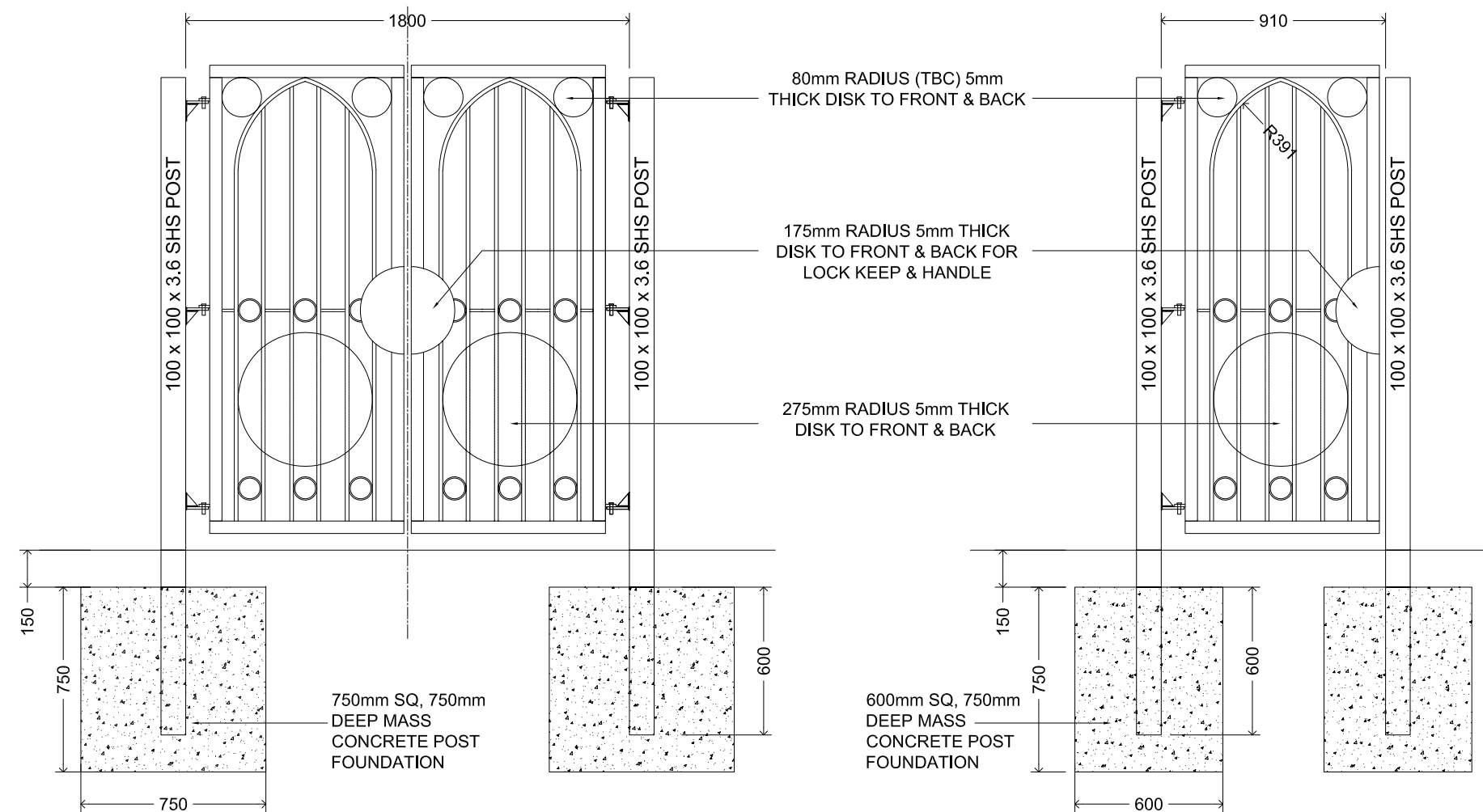
1.8m WIDE DOUBLE GATE
GATE FRAME (SIDES) 50 x 50 x 3.2mm SHS
GATE FRAME (TOP) 50 x 100 x 3.2mm SHS
GATE FRAME (BOTTOM) 50 x 100 x 3.2mm SHS
& RAILING POSTS 100 x 100 x 3.6mm SHS

0.9m WIDE SINGLE GATE
GATE FRAME (SIDES) 50 x 50 x 3.2mm SHS
GATE FRAME (TOP) 50 x 100 x 3.2mm SHS
GATE FRAME (BOTTOM) 50 x 100 x 3.2mm SHS

RAILING POST 100 x 100 x 3.6mm SHS
RAILING POST (SHORT) 50 x 50 x 3.2mm SHS

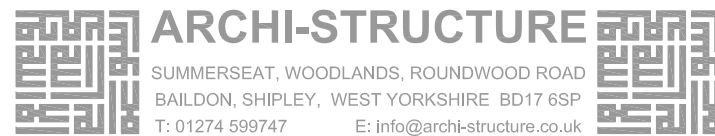
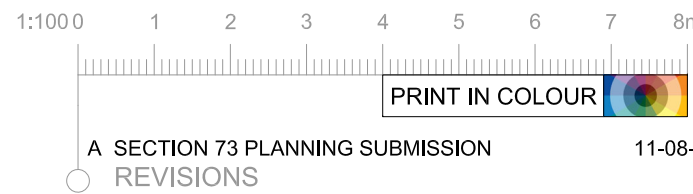
RAILING INFILL (SOLID/TUBE) 15mm SQ BAR

RAILING "RING"
TOP RAIL 5mm FLATS
MID RAIL 30mm WIDE, 10mm THICK
BOTTOM RAIL 30mm WIDE, 10mm THICK
GATE "CIRCLE" 5mm THICK PLATES TO FRONT & BACK



ELEVATION ON 1.8m WIDE DOUBLE GATE
SCALE 1:25

ELEVATION ON SINGLE GATE
SCALE 1:25



CLIENT	MAKKI MASJID TRUST
PROJECT NAME	THE NEW MAKKI MASJID 125 BERESFORD ROAD MANCHESTER M13 0TA
DRAWING TITLE	SITE EXTERNAL WORKS BOUNDARY WALL, RAILING & GATES
DRAWN / CHECK	AS/GWC
DATE	JAN 2020
PROJECT	218-185
DRAWING No.	EW03
SCALE	1:100 @ A1
REV.	A