

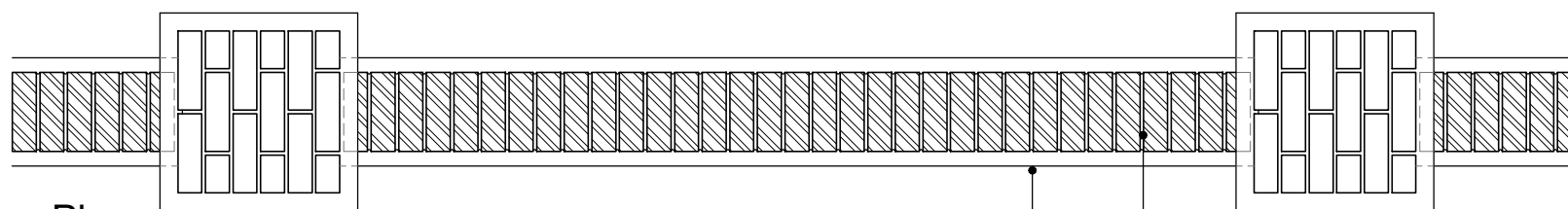
Elevation

De-bonded ties to be provided for each leaf at maximum 150mm vertical centres for full height. Use Ancon PPS type or similar and approved.

First movement joint to be max 6290mm from free end of wall, then every 5850mm c/c max with movement joint 3200mm max from any internal corner. Movement joint to go down external ground level only.

440 x 440mm brick piers to be at equal spacing with a maximum spacing of 2485mm

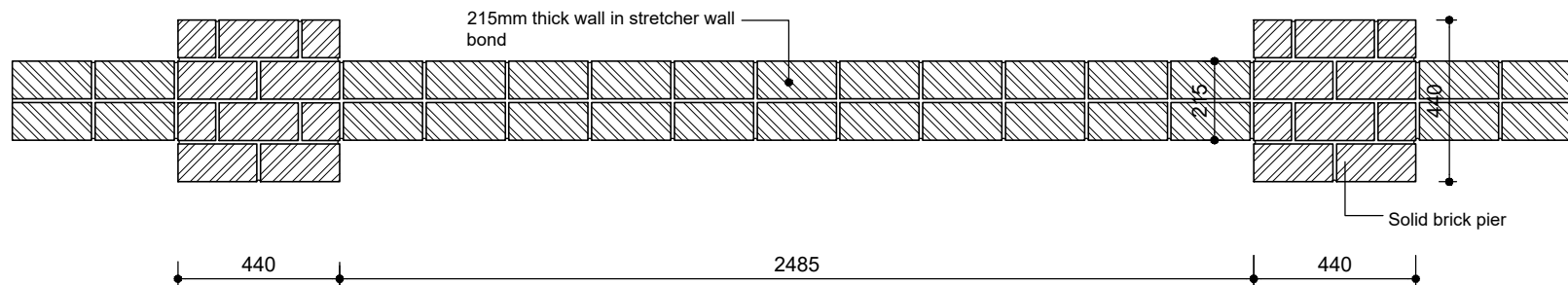
Min 2 course engineering bricks above and below ground level (no d.p.c.).



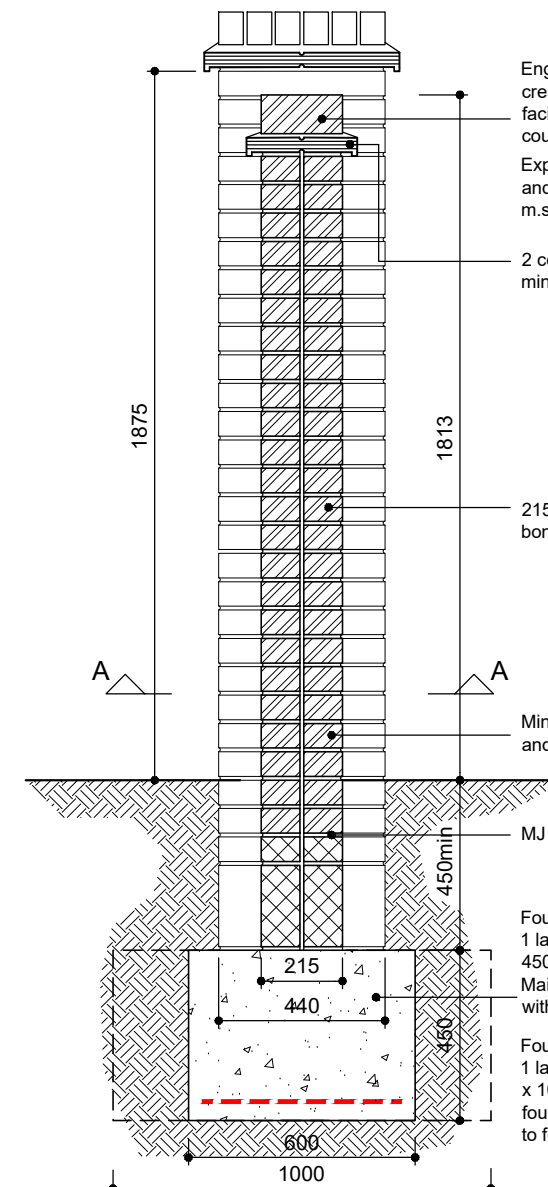
Plan

2 course plain tiles with 45mm min. overhang to facing brick wall

Engineering brick on edge coping



Section A-A



Section

Engineering brick on edge coping with 2 courses of creasing tiles under (nibs facing down on bottom course).

Exposed end bricks to be without holes and be secured at stop ends with 2no. m.s. cramps with fish tail ends

2 course plain tiles with 45mm min. overhang to facing brick wall

215mm thick wall in stretcher wall bond

Min 2 course engineering bricks above and below ground level (no d.p.c.).

MJ to go down to blockwork

Foundation to 215 wall  
1 layer of B785 mesh bottom of 600 x 450 deep concrete strip foundation. Main bars to run parallel to foundation, with 50mm cover

Foundation to brick Pier  
1 layer of B785 mesh bottom of 1000 x 1000 x 450 deep concrete pad foundation. Main bars to run parallel to foundation, with 50mm cover

rev:	date:	comment(s):	name:	check:
B	11/04/24	MJ depth annotation added	TH	
A	07/06/21	Wall re-design in line with struct eng calcs	FK	

FOUNDATIONS TO BE TAKEN DOWN TO UNDISTURBED NATURAL GROUND/ENGINEERS GROUND/WELL COMPACTED GROUND WITH A SAFE BEARING CAPACITY OF AT LEAST 60KN/M<sup>2</sup> GROUND TO BE CONSOLIDATED BY PROOF ROLLING AND REMOVING ANY LOCAL SOFT SPOTS.

BRICKWORK FROM 150MM BELOW GROUND TO 150MM ABOVE GROUND TO BE CLASS B ENGINEERING BRICK; BRICKWORK ABOVE TO BE FL RATED FACING BRICKS. MORTAR TO BE CLASS M12 THROUGHOUT.

A DPC IS NOT REQUIRED AT 150MM ABOVE GROUND.

FIRST MOVEMENT JOINT TO BE MAX 6290 FROM FREE END OF WALL, THEN EVERY 5850MM MAX WITH MOVEMENT JOINT 3200MM MAX FROM INTERNAL CORNER. MOVEMENT JOINT TO GO DOWN TO BLOCK WORK SEE SECTION.



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status: FOR CONSTRUCTION

project: STANDARD DETAILS

title: PLAIN BOUNDARY SCREEN WALL DETAIL

drawn: FK date: NOV 2017

checked: - scale @ A3:1:20

job no: SD drg no: SD-EX-12 B