

NOTES:

GENERAL NOTES:

- FOUNDATION SIZES ARE AS NOTED ON DRAWING. FOUNDATIONS TO BE SET OUT CENTRALLY TO WALLS/COLUMNS TO WHICH THEY SUPPORT UNLESS NOTED OTHERWISE.
- ALL CONCRETE TO BE GRADE C30/37 IN ACCORDANCE WITH IS EN206-1 UNLESS NOTED OTHERWISE.
- ALL MESH REINFORCEMENT TO HAVE A MINIMUM 450mm LAPS UNLESS NOTED OTHERWISE.
- COVER TO REINFORCEMENT IN FOUNDATIONS TO BE 50mm UNLESS NOTED OTHERWISE.
- ALL EXCAVATIONS FOR FOUNDATIONS TO BE INSPECTED BY DBFL PRIOR TO POURING OF CONCRETE.
- ALL WATERPROOFING, TANKING, DPC TRAYS AND D.P.M.s TO ARCHITECTS DETAILS.
- RADON PROTECTION IN ACCORDANCE WITH ARCHITECTS DETAILS.

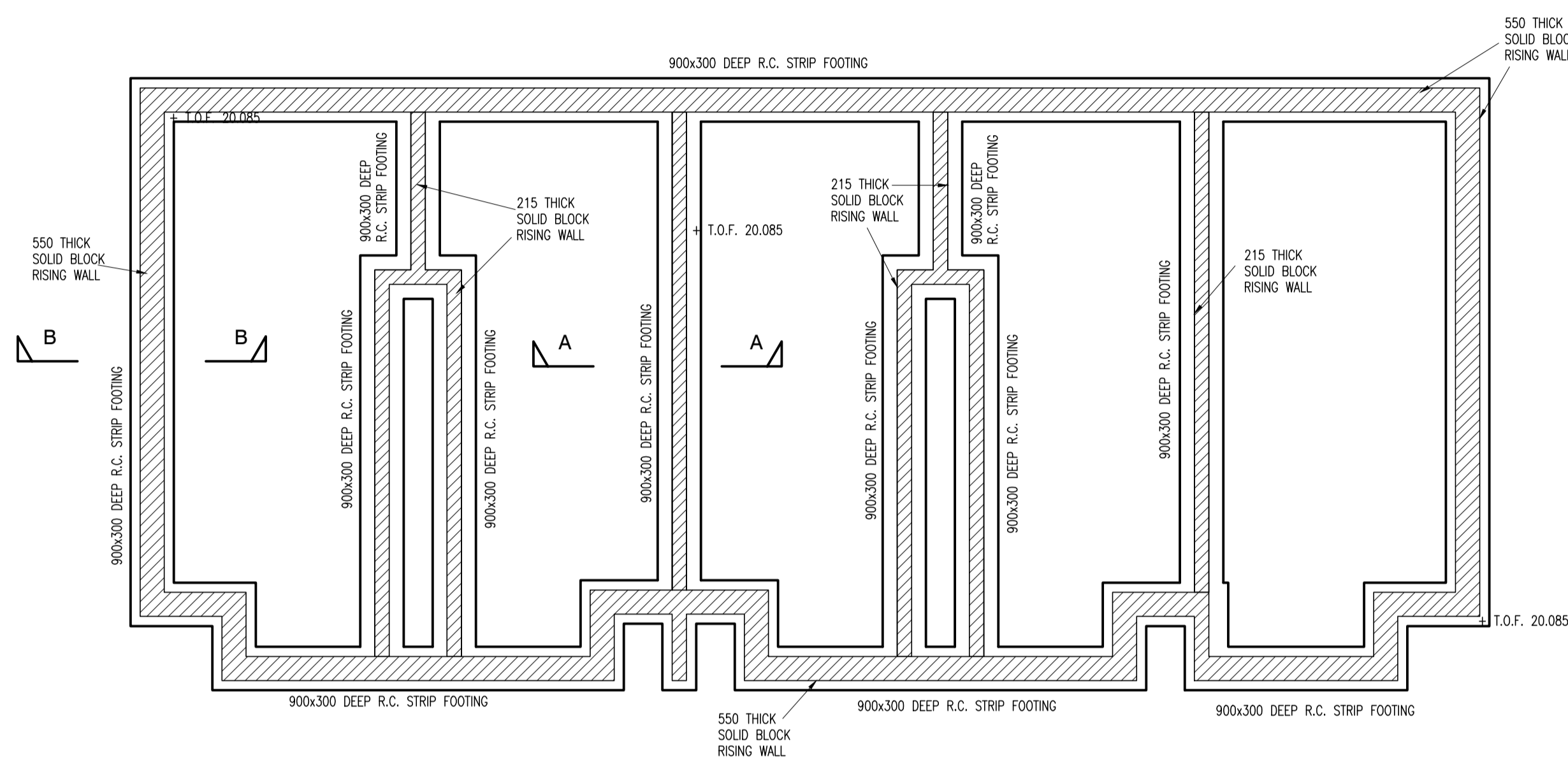
FOUNDATIONS:

ALL FOUNDATION SIZES ARE INDICATIVE AND SUBJECT TO FURTHER SITE INVESTIGATION WORKS CARRIED OUT ON SITE. T.O.P. INDICATES TOP OF FOUNDATION LEVEL. FINAL LEVEL SUBJECT TO CONFIRMATION ON SITE. FOR SETTING OUT OF ALL WALLS REFER TO ARCHITECTS DRAWINGS.

- ALL MASONRY AND ANCILLARY ITEMS TO CONFORM TO IS EN1996-1 AND SR325.
- ALL BLOCKWORK TO BE DENSE CONCRETE SOLID CERTIFIED TO EN771-3. MINIMUM CHARACTERISTIC AIR-DRY COMPRESSIVE STRENGTH: SUBSTRUCTURE: 15N SOLID (GROUP 1) SUPERSTRUCTURE: 7.5N
- ALL MORTAR TO BE "DESIGNED MORTAR" TO IS EN998-2: SUBSTRUCTURE: M6 TO IS EN1996-2 TYPE (i) SUPERSTRUCTURE: M4 TO IS EN1996-2 TYPE (iii) UNRENDERED OUTER LEAF: M6 TO IS EN1996-2 TYPE (ii)
- CLAY BRICKS TO BE HD, DURABILITY F2, SOLUBLE SALTS S1
- WALL TIES TO BE STAINLESS STEEL TO IS EN845-1: HD TYPE 2 TO PD6697 (2.5N) @ 450mm VERT, 675mm HORZ X WALL TIES TO BE STAGGERED. ADDITIONAL TIES TO BE PROVIDED WITHIN 225mm OF ALL OPENINGS AND EDGES @ 225mm VERTICALLY AND 450mm HORIZONTALLY
- ALL BLOCKWORK WALLS TO BE TIED TO: CONCRETE ELEMENTS AT 225MM CTS USING SLOT TIES STEEL ELEMENTS AT 225MM CTS USING FRAME TIES ALL TIES AND FININGS TO BE STAINLESS STEEL TO EN845-1
- ALL WALLS TO BE STRAPPED TO FLOOR AND ROOFS. ALL STRAPS TO BE CERTIFIED TO IS EN845-1. ALL NON-LOADBEARING WALLS TO BE RESTRAINED AT HEAD LEVEL.
- ALL LINTELS TO BE CERTIFIED TO EN845-2. MATERIALS AS PER SR325 WITH MINIMUM 225MM BEARING. SOLID BLOCKWORK TO BE USED OVER ALL COMPOSITE LINTELS.
- ALL HORIZONTAL D.P.C.s TO BE OF HIGH LOAD AND HIGH BOND TYPE UNLESS NOTED OTHERWISE.
- CONTROL JOINTS TO BE PROVIDED IN EXTERNAL MASONRY WALLS AS INDICATED ON PLAN OR AS FOLLOWS:
BLOCKWORK = 7m crs.
BRICKWORK = 12m crs.
CONTROL JOINTS IN EXTERNAL BLOCKWORK ARE TO EXTEND FROM DPC TO ROOF LEVEL. EXACT LOCATION OF JOINT TO BE AGREED WITH ARCHITECT AND ENGINEER.
- ALL WORK TO BE SUSPENDED WHEN THE AIR TEMPERATURE IS AT OR BELOW 3 DEGREES AND FALLING, OR EXISTING WORK IS FROZEN.

REINFORCED CONCRETE NOTES:

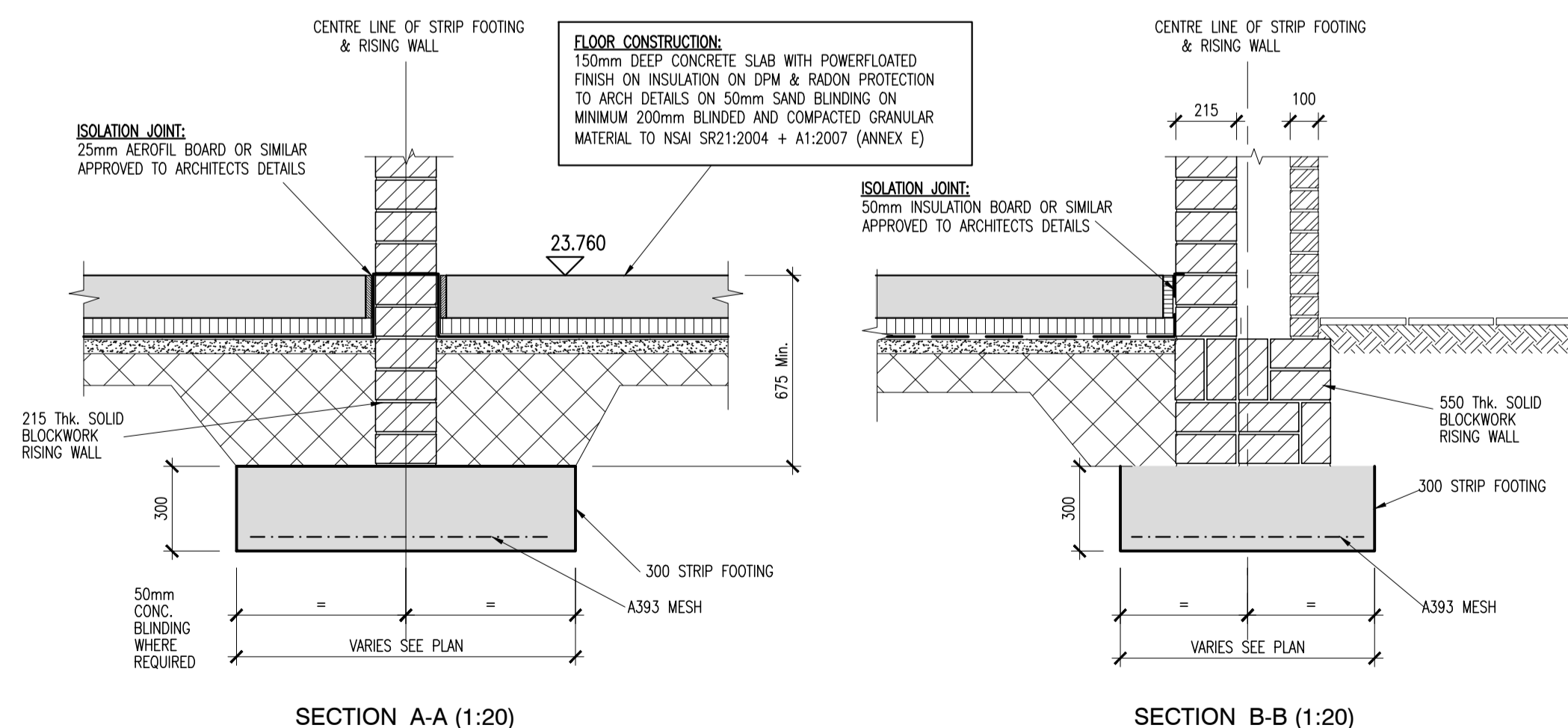
- REFER TO THE REINFORCEMENT DRAWINGS FOR THE GRADE OF CONCRETE AND THE REQUIRED COVER TO REINFORCEMENT.
- ALL REINFORCEMENT TO BE INSPECTED AND APPROVED BY DBFL PRIOR TO ANY POURING OF CONCRETE.
- SIZE AND SETTING OUT OF ALL SERVICES OPES AS PER ARCHITECTS AND SERVICES ENGINEERS DETAILS.
- CONFIRM REQUIRED FINISH TO ALL CONCRETE ELEMENTS WITH ARCHITECT AND ENGINEER PRIOR TO COMMENCEMENT OF WORKS.
- CONCRETE WORKS SHALL NOT BE CARRIED OUT IF THE AIR TEMPERATURE IS LOWER THAN TWO DEGREES OR IF FROST IS EXPECTED.
- CONCRETE TESTING:
 - THE CONTRACTOR SHALL PROVIDE PROPER EQUIPMENT AND COMPETENT PERSONNEL TO TAKE SAMPLES AND PREPARE TEST SPECIMENS.
 - CUBES TO BE TAKEN AS FOLLOWS:
 - WALLS, SLABS & BEAMS:**
FOUR NUMBER CUBES TO BE TAKEN EVERY FOUR TRUCKS OF CONCRETE. TWO NUMBER TO BE TESTED AT SEVEN DAYS OLD AND TWO NUMBER AT TWENTY EIGHT DAYS OLD.
 - FOUNDINGS:**
FOUR NUMBER CUBES TO BE TAKEN EVERY TEN TRUCKS OF CONCRETE. TWO NUMBER TO BE TESTED AT SEVEN DAYS OLD AND TWO NUMBER AT TWENTY EIGHT DAYS OLD.
 - THE LOCATION OF THE CONCRETE SAMPLED IS TO BE NOTED BY THE TESTER.
 - COPIES OF THE TEST RESULTS ARE TO BE SENT DIRECTLY TO DBFL BY THE APPROVED TESTING AUTHORITY.
 - SHOULD THE SEVEN DAY COMPRESSIVE STRENGTH TESTS BE LESS THAN TWO THIRDS OF THE STRENGTH SPECIFIED, DBFL SHOULD BE CONTACTED DIRECTLY BY PHONE BY THE TESTING AUTHORITY.



FOUNDATION PLAN (1:100)



KEY PLAN (1:1000)



SECTION A-A (1:20)

SECTION B-B (1:20)

P01	17.12.20	ISSUED FOR INFORMATION	MpD	TV
rev	date	description	by	chkd.
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		
suitability		issue purpose		
S2 - INFORMATION		INFORMATION		

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project ref. **NEWTOWNPARK AVENUE SHD**

drawing title
**BLOCK E
FOUNDATION PLAN**

client
HJ LYONS ARCHITECTS

designed by	author	scale	sheet size
JDH	JJK	1:200	A1
drawing no.			revision
190146-DBFL-E1-F1-DR-8000			P01