

NOTES

GENERAL NOTES:

- THESE NOTES MUST BE READ IN CONJUNCTION WITH THE DRAWINGS AND PROJECT SPECIFICATIONS INCLUDING THE SANS 10400 SERIES OF STANDARDS.
- THE CONTRACTOR MUST HAVE A QUALITY ASSURANCE SYSTEM FOR THE EXECUTION OF THE WORK. THE QUALITY OF THE WORK SHALL BE MONITORED BY THE ENGINEER PRIOR TO THE START OF THE WORK. THE CONTRACTOR MUST PROVIDE A QUALITY CONTROL INSPECTION BEFORE THE COMMENCEMENT OF CONSTRUCTION OF ANY PORTION OF THE WORK. THE ENGINEER SHALL CHECK ALL DIMENSIONS BEFORE THE CONSTRUCTION OF ANY PORTION OF THE WORK. THE ENGINEER SHALL IMMEDIATELY BE REPORTED TO THE ENGINEER'S SUPERVISOR.
- PRODUCT'S DIFFERENT TO THOSE SPECIFIED MAY ONLY BE USED WITH THE ENGINEER'S PRIOR WRITTEN APPROVAL.

FOUNDATION NOTES:

- EXCAVATIONS FOR FOUNDATIONS TO BE APPROVED BY THE ENGINEER BEFORE CONCRETE IS CAST.
- FOUNDATIONS TO BE BUILT ON FIRM, WELL COMPACTED SOIL.
- THE ENGINEER MAY ORDER PLATE LOAD TESTS TO BE DONE TO ASCERTAIN THE BEARING CAPACITY OF THE FOUNDATION.
- ASSIGNED SAFE BEARING CAPACITY OF FOUNDATION MAY BE 150 kPa.

CONCRETE NOTES:

- ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH SABS 12000.
- CONCRETE CLASS TO BE AS FOLLOWS:
BLINDING 15 MPa/18mm
STANDARD REINFORCED CONCRETE 30 MPa/19mm
- THE CONTRACTOR MUST COORDINATE ALL SERVICE DRAWINGS FOR DETAILS AND POSITIONS OF OPENINGS AND STEVES ELECTRICAL, MECHANICAL AND OTHER SERVICES.
- THE CONCRETE COVER TO REINFORCING IS AS FOLLOWS:
FOUNDATIONS 50mm
SUPERSTRUCTURE (FROM TOP) 30mm
- THE STRENGTH OF THE CONCRETE COVER ALONGS SHALL EXCEED THE STRENGTH OF THE CONCRETE OF THE STRUCTURAL ELEMENT.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREVENT THE FORMATION OF PLASTIC SHRINKAGE CRACKS IN NEWLY Laid CONCRETE.
- CONCRETE SHALL BE CURED TO AN APPROVED SPECIFICATION.
- NO BRICK WALLS MAY BE BUILT ON FLOOR SLABS, BEAMS, WALLS, ETC. BEFORE THE SLAB HAS REACHED THE 28 DAY CURE PERIOD. ANY VIOLATION SHALL BE REPORTED TO THE ENGINEER.
- 25-35% CONCRETERS TO BE FORMED AT ALL EXPOSED CONCRETE CORNERS.
- 250 MICRON DPC TO BE PLACED UNDER ALL SURFACE DECKS.

CLIENT

DEVELOPMENT BANK
OF SOUTHERN AFRICA



1289 LEVER ROAD
THE SANDHILLS
MIDRAND
1685
www.dbsa.org

REV. NO.	DATE	DESCRIPTION
R00	2021-10-25	ISSUED FOR DETAIL DESIGN.
REVISIONS		
PROJECT CONSULTANT		

PROJECT MANAGERS
& PROJECT MANAGERS

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APPROVAL CONSULTANT

B. TSHUJA

2021-10-25

THE MASTER SET AT THE PROJECTING

ORIGINAL SIGNATURE OF APPROVAL

PROJECT NAME

PROPOSED PROVISION OF ADDITIONAL SCHOOL

INFRASTRUCTURE AT GOKAGANYA PRIMARY SCHOOL, ON

DEVELOPMENT OF THE NORTH WEST DEPARTMENT OF EDUCATION

(NWD) (NWD)

PROJECT SITE

GOKAGANYA PRIMARY SCHOOL, MADIBENG LOCAL MUNICIPALITY,

NORTH WEST PROVINCE

SHEET TITLE

SCIENCE LABORATORY BLOCK EP & MEDIA CENTRE -

FOUNDATION & GROUND FLOOR LAYOUT PLAN

GROUP NAME

STRUCTURAL ENGINEERING

CONTRACT NUMBER

NTF 200/2019

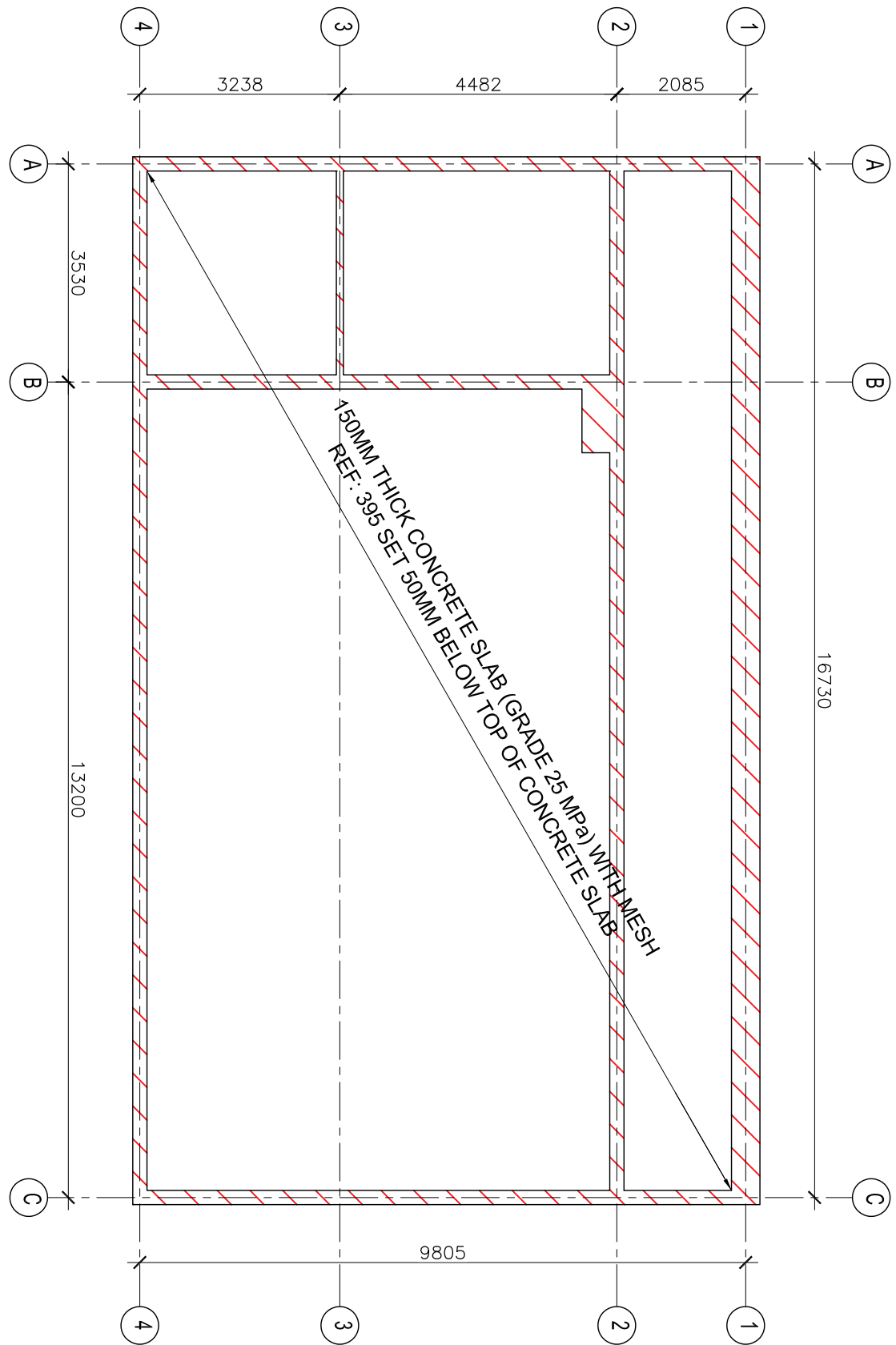
THE NUMBER

ZV020/2003

DRAWING NUMBER

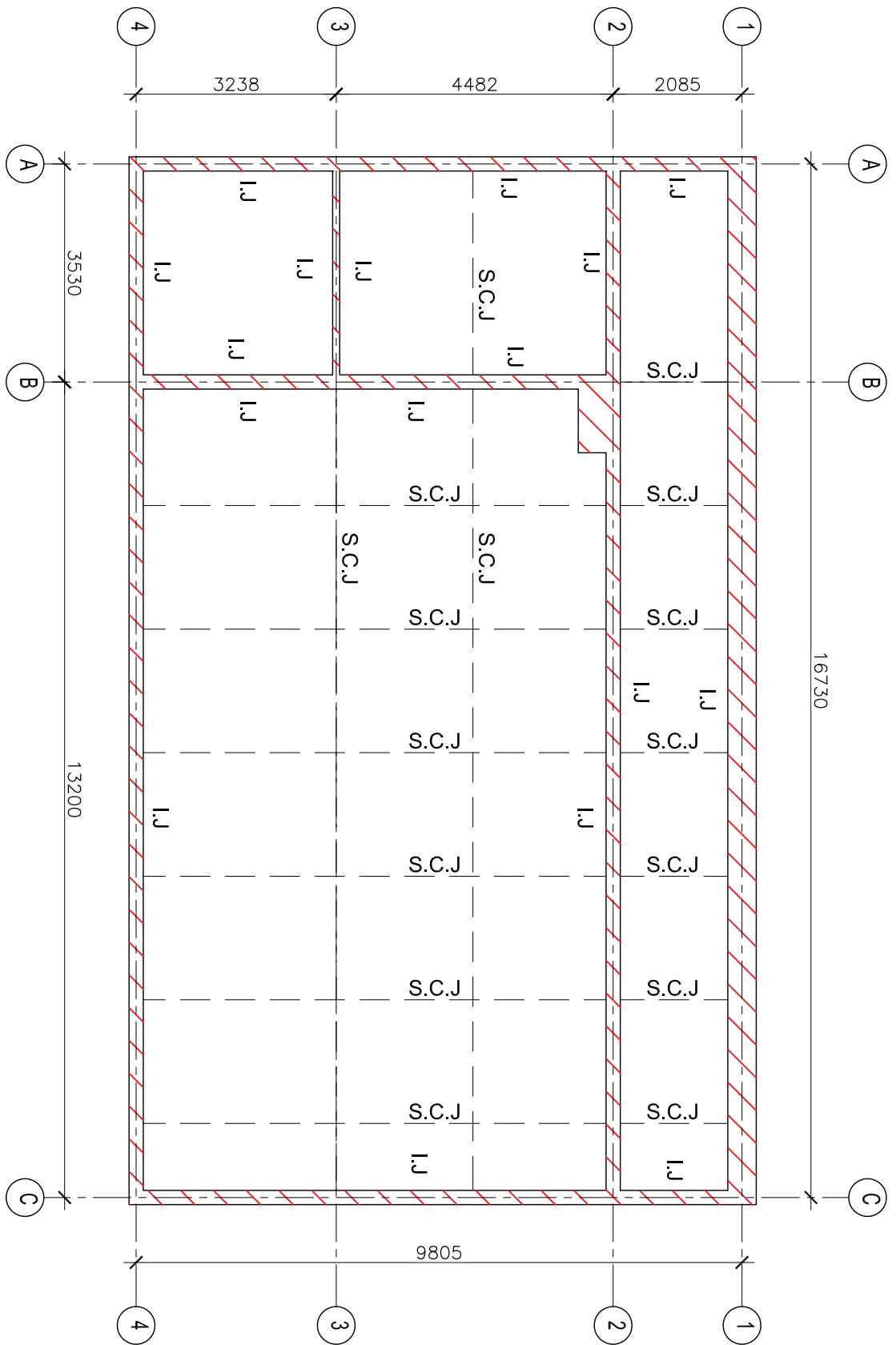
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11/00



MEDIA CENTRE - GROUND FLOOR LAYOUT PLAN

11/00

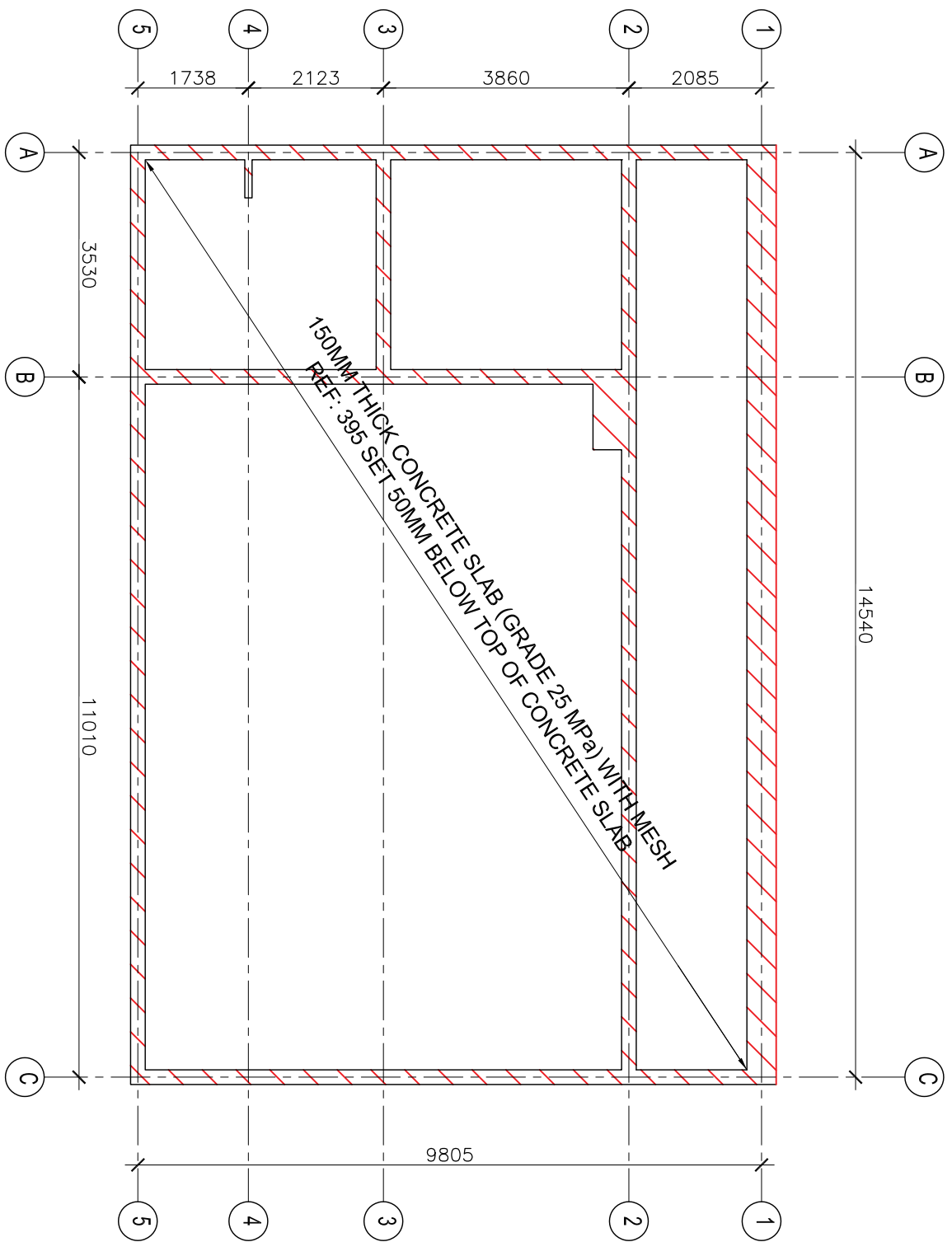


MEDIA CENTRE - GROUND FLOOR JOINTS LAYOUT PLAN

11/00

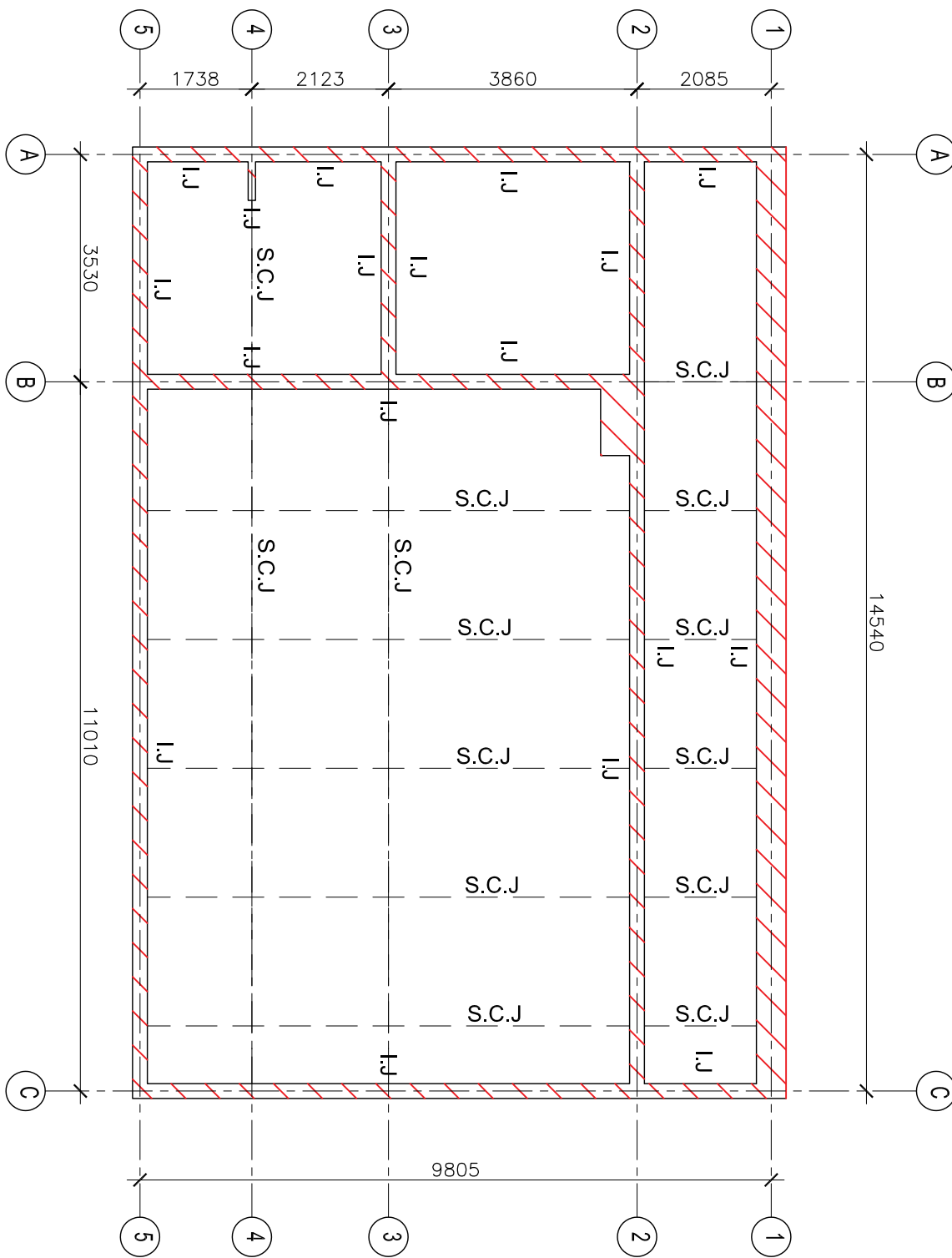
FOUNDATIONS & JOINTS	
SF1	700x250DP LIGHTLY REINFORCED STRIP FOOTING (25MPa)
SF2	360x250DP LIGHTLY REINFORCED STRIP FOOTING (25MPa)
SF3	1000x250DP LIGHTLY REINFORCED STRIP FOOTING (25MPa)
I,J	ISOLATION JOINT
S.C.J	SAW CUT JOINT

LEGEND



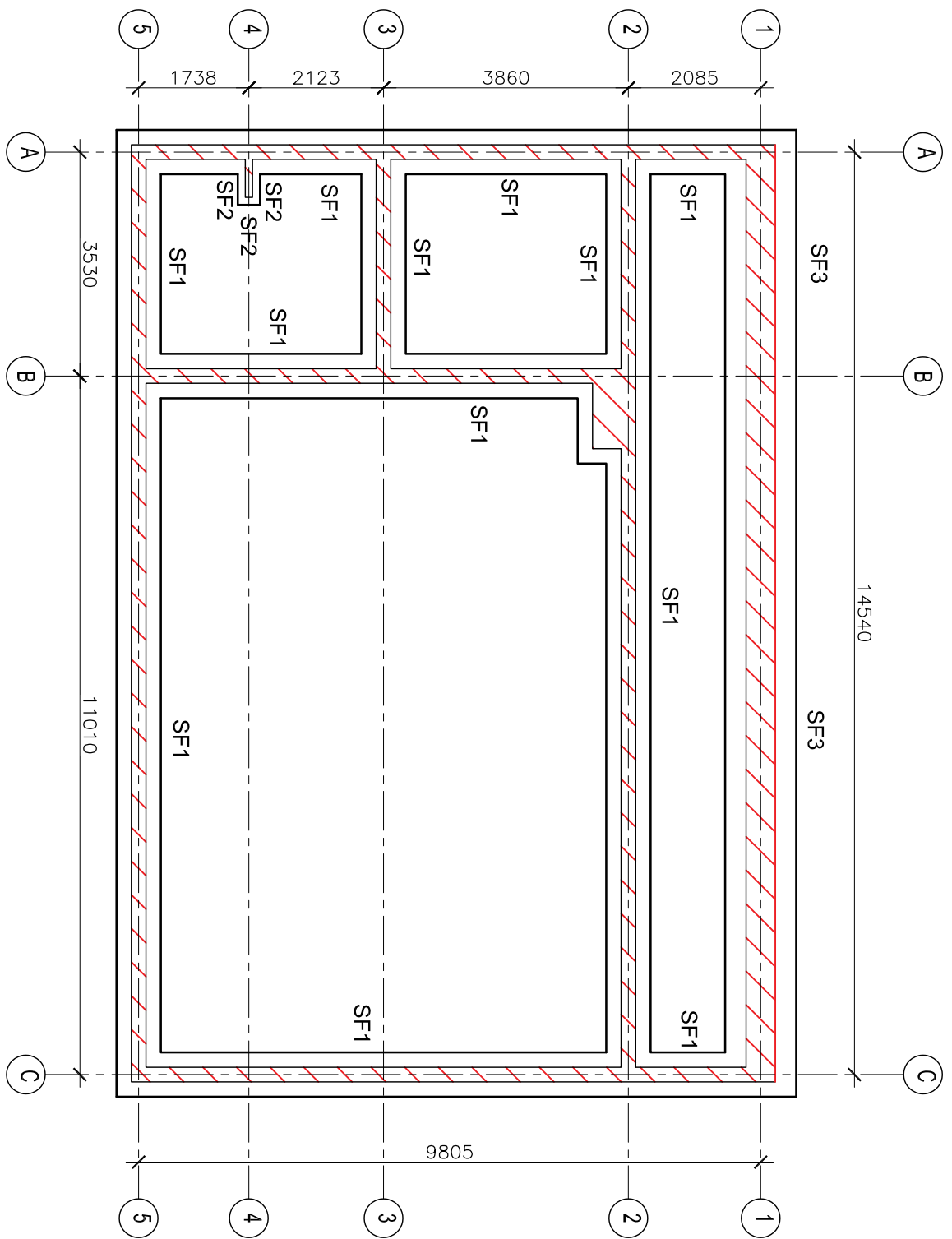
SCIENCE LABORATORY - BLOCK EP - GROUND FLOOR LAYOUT PLAN

11/00



SCIENCE LABORATORY - BLOCK EP - GROUND FLOOR JOINTS LAYOUT PLAN

11/00



SCIENCE LABORATORY - BLOCK EP - FOUNDATION LAYOUT PLAN

11/00

ISSUED FOR
TENDER

11/00