

NOTES

GENERAL NOTES:

- THESE NOTES MUST BE READ IN CONJUNCTION WITH THE DRAWINGS AND PROJECT SPECIFICATIONS INCLUDING THE SANS 10139-1 AND 10139-2 STANDARDS.
- THE CONTRACTOR MUST HAVE A QUALITY ASSURANCE SYSTEM FOR THE EXECUTION OF THE WORK. THE QUALITY ASSURANCE SYSTEM MUST BE SUBMITTED TO 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 CONTRACTOR SHALL CHECK ALL DIMENSIONS BEFORE THE CONSTRUCTION OF ANY PORTION OF THE WORK. THE ENGINEER'S APPROVAL SHALL IMMEDIATELY BE REPORTED TO THE ENGINEER'S OFFICE.
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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.
- ASSUMED SOIL BEARING CAPACITY OF FOUNDATION MATERIAL: 75 kPa.

CONCRETE NOTES:

- ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH SABS 12000.
- CONCRETE CLASS TO BE AS FOLLOWS:  
1. 15 MPa (15mm) STANDARD REINFORCED CONCRETE  
2. 30 MPa (30mm) STANDARD REINFORCED CONCRETE  
3. FOR DETAILS AND POSITIONS OF OPENINGS AND STEVES ELECTRICAL MECHANICAL AND OTHER SERVICES  
4. THE CONCRETE COVER TO REINFORCING IS AS FOLLOWS:  
FOUNDATIONS 50mm  
SUPERSTRUCTURE (FROM TOP) 30mm  
5. THE STRENGTH OF THE CONCRETE COVER BLOCKS SHALL EXCEED THE STRENGTH OF THE CONCRETE OF THE STRUCTURAL ELEMENTS TO WHICH THEY ARE APPLIED.  
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREVENT THE FORMATION OF PLASTIC SHRINKAGE CRACKS IN WALLS AND CONCRETE.  
7. CONCRETE SHALL BE CURED TO AN APPROVED SPECIFICATION.  
8. NO BRICK WALLS MAY BE BUILT ON FLOOR SLABS, BEAMS, WALLS, OR CEILING. THE ENGINEER HAS REQUESTED THE RELEVANT STANDARDS TO BE FOLLOWED.  
9. 25-35% CONCRETE TO BE FORMED AT ALL EXPOSED CONCRETE CORNERS.  
10. 250 MICRON DPC TO BE PLACED UNDER ALL SURFACE DECKS.

CLIENT

DEVELOPMENT BANK  
OF SOUTHERN AFRICA



1289 LEVER ROAD  
THE BUSHY HILLS  
MIDRAND  
1685  
Development Bank  
of Southern Africa  
www.dbsa.org

REF. NO.	DATE	DESCRIPTION
R00	2021-10-25	ISSUED FOR DETAIL DESIGN
REVISIONS		

PROJECT CONSULTANT

PROJECT MANAGERS  
& PROJECT MANAGERS  
BUILDING 2, 1ST FLOOR, THORNTON OFFICE PARK  
94 BEKKER ROAD, MIDRAND, 1685

427 11 043 1307  
www.projectsmanagers.com  
B. TSHUKA S. ZINDE  
M. NTSHO M. MDLODGE

APPROVAL CONSULTANT

B. TSHUKA  
M. NTSHO M. MDLODGE  
www.projectsmanagers.com  
www.projectsmanagers.com

PROJECT NAME

PROPOSED PROVISION OF ADDITIONAL SCHOOL  
INFRASTRUCTURE AT GOKAGANYA PRIMARY SCHOOL, ON  
THE SITE OF THE NORTH WEST DEPARTMENT OF EDUCATION  
(NWD)

PROJECT SITE

GOKAGANYA PRIMARY SCHOOL, MADIBENG LOCAL MUNICIPALITY,  
NORTH WEST PROVINCE

SHEET TITLE

COVERED CAR PARK LAYOUT PLAN AND DETAILS

DRAWING NUMBER

NTF 200/2019

CONTRACT NUMBER

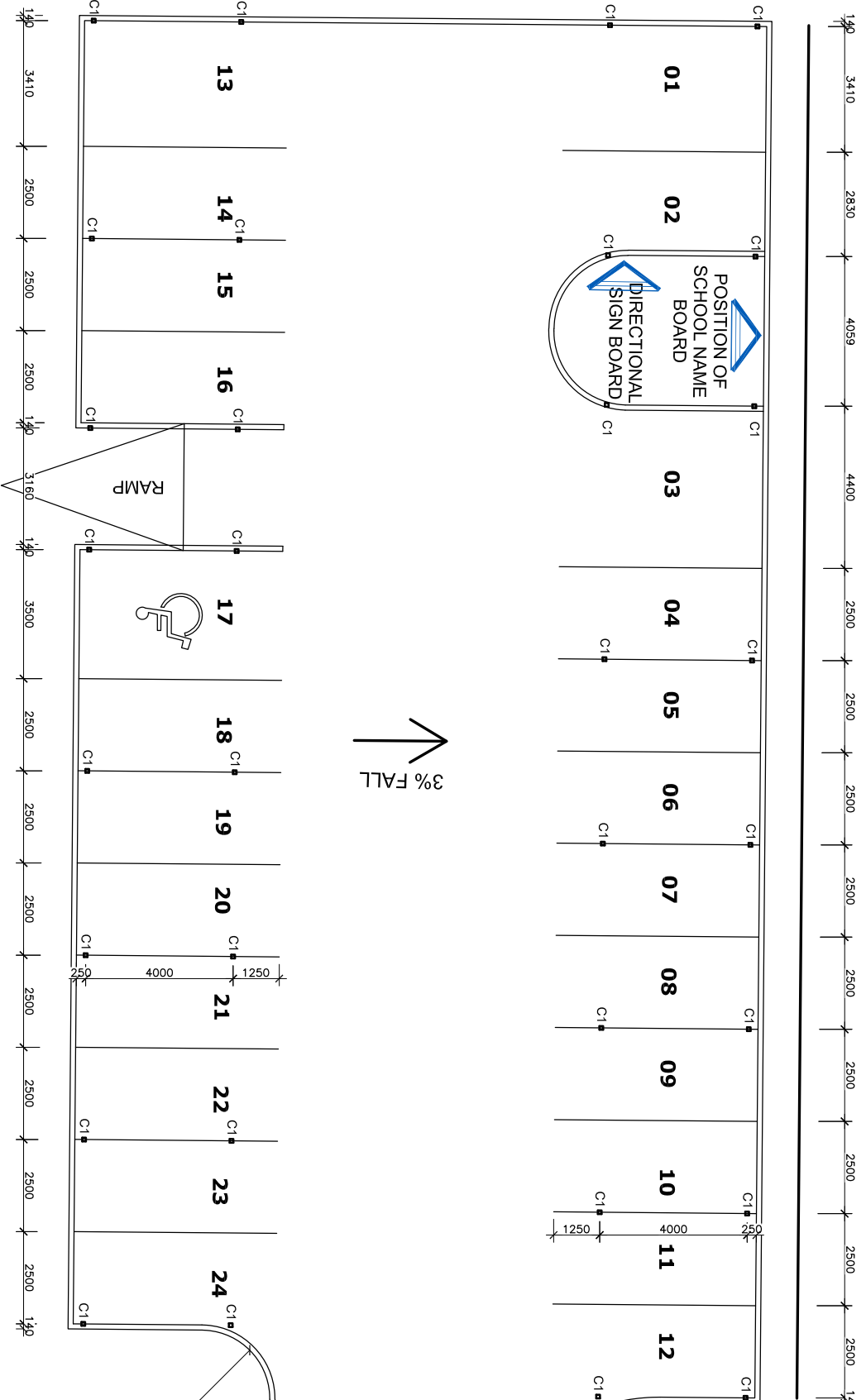
NTF 200/2019

THE NUMBER

ZK2020\_2003

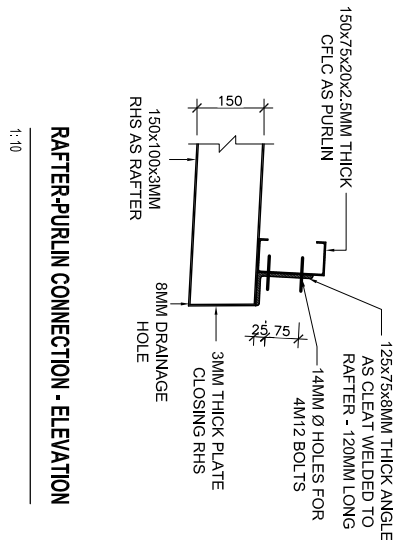
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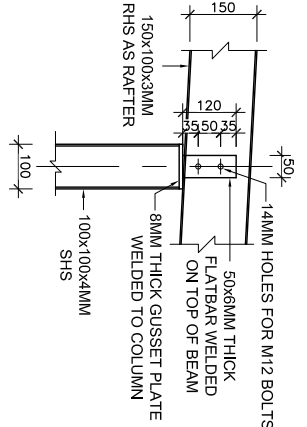


TYPICAL CAR PARK SECTION  
1:20

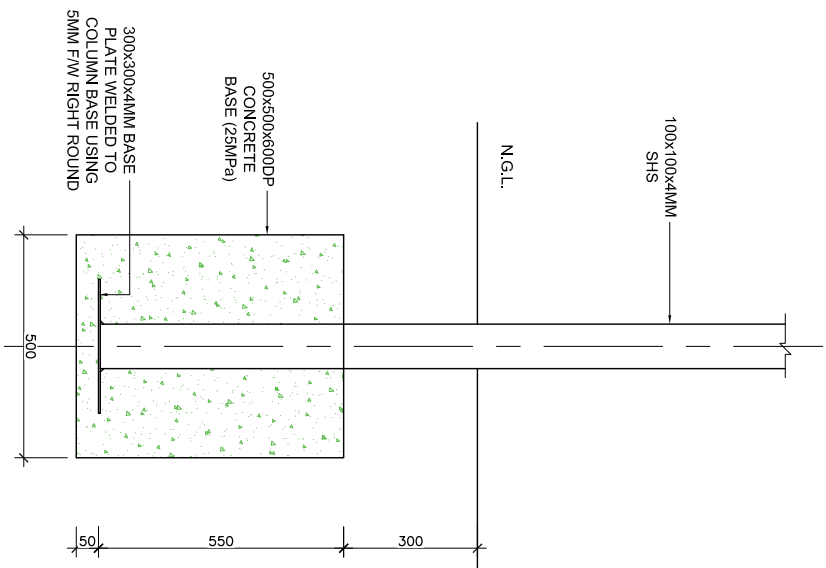
CONCRETE BASES			
TYPE	SIZES		DEPTH
B1	500	500	600
COLUMNS			
TYPE	SIZES		
C1	100x100xMM		SHS



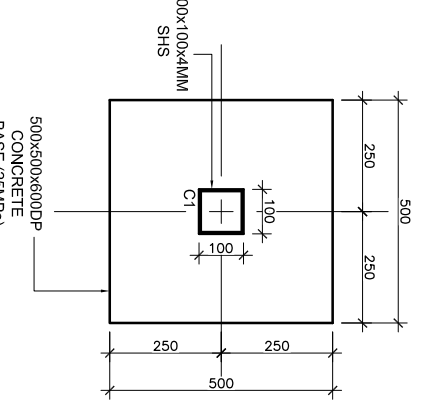
RAFTER-PURLIN CONNECTION - ELEVATION  
1:10



BEAM COLUMN CONNECTION - ELEVATION  
1:10



COLUMN BASE ELEVATION  
1:10



COLUMN BASE PLAN  
1:10

COVERED CAR PARK LAYOUT PLAN  
1:100

ISSUED FOR  
TENDER