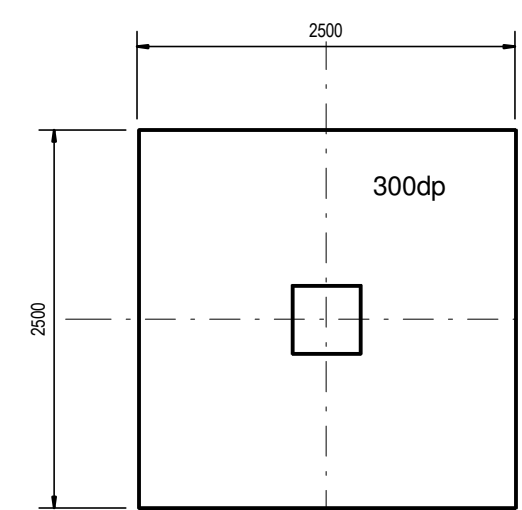


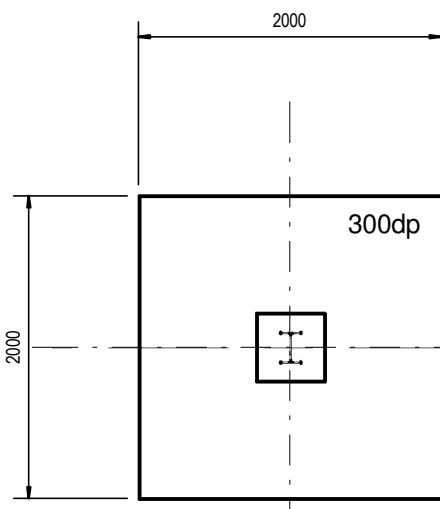
FOUNDATION

1
1 : 150



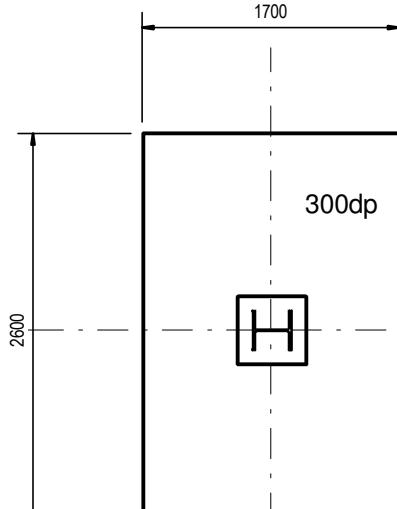
BASE TYPE A

D1
1 : 50



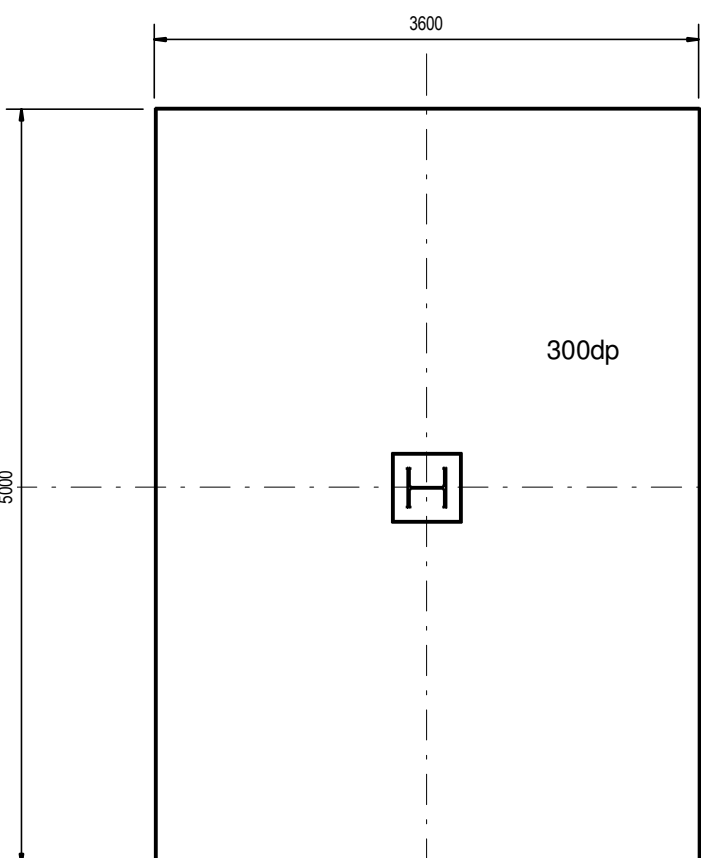
BASE TYPE B

D2
1 : 50



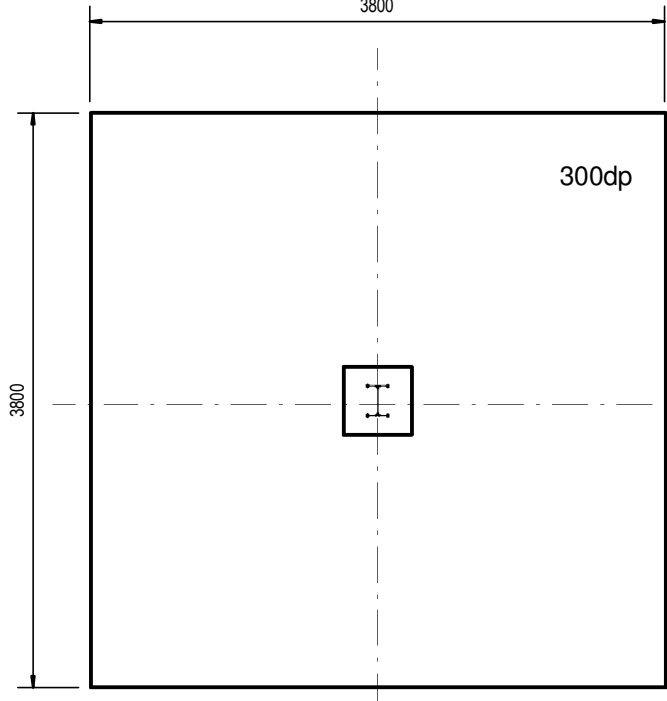
BASE TYPE C

D3
1 : 50



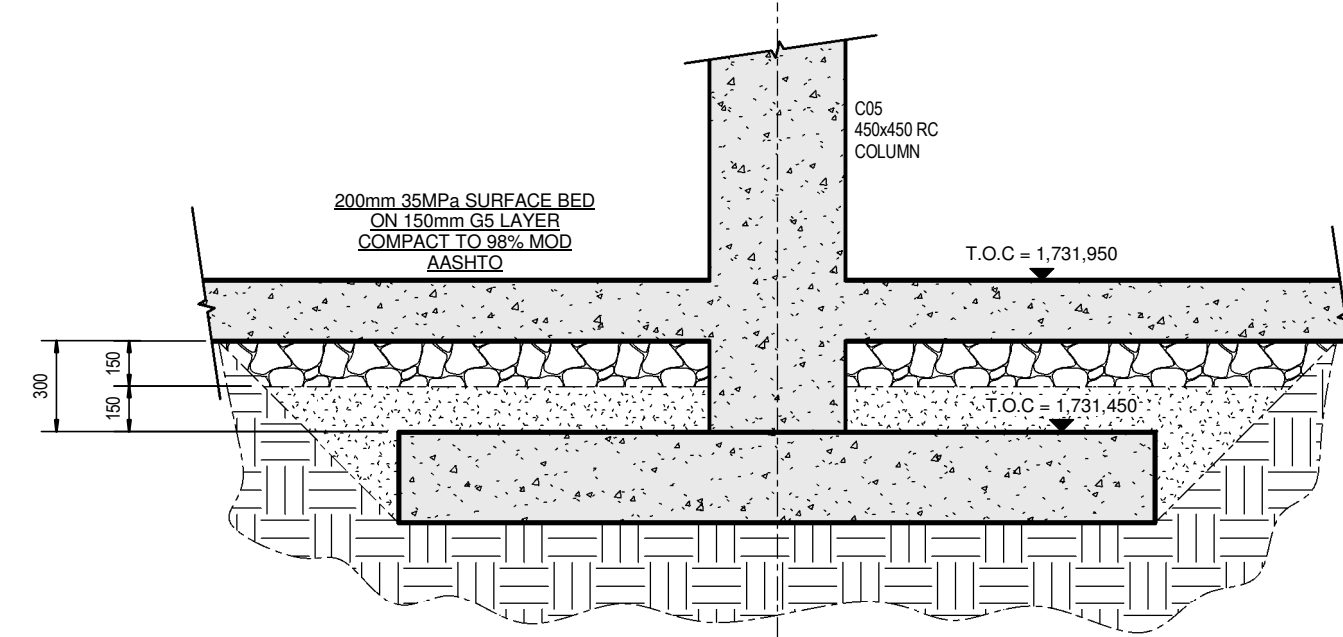
BASE TYPE D

D4
1 : 50



BASE TYPE E

2
1 : 50



TYPICAL SECTION THROUGH BASE

3
1 : 25

NOTES:

PLEASE REFER TO PROJECT SPECIFICATIONS.

ALL COLUMNS CENTRAL ABOUT GRIDLINES
U.N.O.
DIMENSIONS GIVEN ARE TO COLUMN
CENTRELINES U.N.O.

FOR SETTING OUT OF GRIDLINES & BRICKWORK
REFER TO ARCHITECT'S DRAWINGS.

ALL BASES & GROUND BEAMS = 25MPa U.N.O.

ALL COLUMNS = 30MPa U.N.O

SAFE BEARING PRESSURE = 150 KPa (AS
CONFIRMED WITH GEOTECHNICAL ENGINEER)

ALL FOUNDATIONS TO BE INSPECTED BY
GEOTECHNICAL SPECIALIST AND STRUCTURAL
ENGINEER PRIOR TO CASTING.

LAYERWORKS TO CIVIL ENGINEERS DESIGN

T.O.C. = TOP OF CONCRETE

T.O.S. = TOP OF STEEL

REV	DESCRIPTION	DATE
D01	ISSUED FOR INFORMATION	2016-07-12
D01	ISSUED FOR INFORMATION	
D01	REVISION DESCRIPTION	

SUTHERLAND
JHB: +27 11 268 1412
CPT: +27 21 425 0065
DUR: +27 21 265 4707
T.VALLEY: +27 21 425 0085
enquiries: info@sutherlandengineers.com

PROJECT:
JUMBO CROWN MINES

CLIENT:
MASS MART

DRAWING TITLE:
FOUNDATION LAYOUT

SCALE: 1:50
DATE: 28.04.16
CHECKED: M.B.

DWG No.:
4977_S_DW01

REVISION:
C01

NOTE:
THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT CONSULTANT DRAWINGS. ALL DIMENSIONS ARE TO BE
READ AND NOT SCALE. ANY DISCREPANCIES ARE TO BE REPORTED TO THE PRINCIPAL ASSET IMMEDIATELY.
THESE DRAWINGS HAVE BEEN PREPARED BY SUTHERLAND ENGINEERS AND ASSOCIATES. NO OTHER WORKS ARE TO BE
PERFORMED WITHOUT THE WRITTEN PERMISSION OF SUTHERLAND ENGINEERS AND ASSOCIATES.