



FOUNDATION

1 : 150

BASE TYPE A

D1 : 50

BASE TYPE B

D2 : 50

BASE TYPE C

D3 : 50

BASE TYPE D

D4 : 50

BASE TYPE E

D5 : 50

SECTION THROUGH INTERNAL GIDER COLUMN

S2 : 50

TYPICAL SECTION THROUGH BASE

S1 : 25

BASE PLATE TYPE 1

D6 : 1:20

BASE PLATE TYPE 2

D7 : 1:20

BASE PLATE TYPE 3

D8 : 1:20

BASE PLATE NOTES

TYPE 1- GIDER COLUMNS
TYPE 2- INTERNAL COLUMNS
TYPE 3- ALL OTHER COLUMNS

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 DETAIL

T.O.C. = TOP OF CONCRETE
T.O.S. = TOP OF STEEL

NO.	REVISION DESCRIPTION	DATE
001	ISSUED FOR CONSTRUCTION (MASS CONCRETE ADDED)	2016-08-07
002	ISSUED FOR CONSTRUCTION (REVISED AS CLOUDS)	2016-08-08
003	ISSUED FOR CONSTRUCTION (REVISED AS CLOUDS)	2016-08-03
004	ISSUED FOR CONSTRUCTION (DETAILS ADDED)	2016-07-26
005	ISSUED FOR INFORMATION	2016-07-12
006	REVISION DESCRIPTION	DATE

Structural, Civil, Mechanical, Electrical and Process Engineers

SUTHERLAND

Cape Town Tyger Valley Johannesburg Durban Nairobi

PROJECT: **JUMBO CROWN MINES**

DRAWING TITLE: **FOUNDATION LAYOUT**

SCALE: 1:50 DRAWING SET DWG No: **4977_S_DW01** REVISION: **C05**

DATE: 2016-09-06 REF:

CHECKED: M.B.

NOTE: THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL THE RELEVANT CONSULTANTS' DRAWINGS. ALL DIMENSIONS ARE TO BE READ AND NOT SCALE. ANY DISCREPANCIES ARE TO BE REPORTED TO THE PRINCIPAL DESIGNER IMMEDIATELY. THESE DRAWINGS SHALL BE A PROPERTY OF SUTHERLAND ASSOCIATES AND ALL OTHERS ARE PROHIBITED. THESE DRAWINGS MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE COPYRIGHT HOLDER.