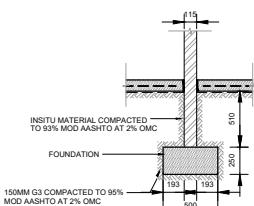


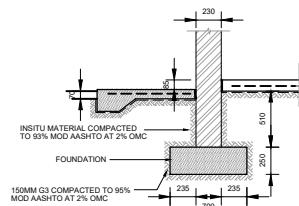
FOUNDATION LAYOUT

1:50



TYPICAL SECTION THROUGH 115 BRICKWALL

1:25

EXACT DEPTH TO BE CONFIRMED BY
GEOTECHNICAL ENGINEER ONSITE

TYPICAL SECTION THROUGH 230 BRICKWALL

1:25

NOTES

- DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.
- EXACT DEPTH TO BE CONFIRMED BY GEOTECHNICAL ENGINEER ONSITE

DRAWING NO. REFERENCE
REFERENCE DRAWINGS

CONTRACTOR / CONSULTANT			TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	NAME	SIGN	DATE
..	DRAWN	MG	C
..	CHECKED	SS	B
..	DESIGNED	MG	C
..	CHECKED	SS	B
..	PM

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE	PR.ENG. / PR.TECH./PR.ARCH
00 ISSUE FOR CONSTRUCTION	MG	SS	PM	25/10/23

NO.	DESCRIPTION	BY	APPD	DATE	SIGNATURE
00	ISSUE FOR CONSTRUCTION	CHKO		13/10/23	

REVISIONS

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SCALE: SHOWN

A1

Concrete (where applicable the following shall apply)

All concrete work shall conform with the latest amended issue of:
SANS 1200 : Standard Specification for concrete and
SANS 1010 : The structural use of concrete.

A set of six cubes must be made for every fifty cubic meter (or portion thereof) of concrete poured on a specific day. 3 of the cubes must be tested at seven days, and the remaining 3 cubes must be tested at twenty-eight days.

The test results are to be submitted to the engineers immediately and should any problems be anticipated no shuttering is to be stripped until further notice from the engineers.

All concrete shall be vibrated according to specification. All concrete must be cured continuously for seven days after pouring and effectively protected against dehydration.

All exposed concrete to be chamfered 25mm x 25mm

Shuttering and propping may only be struck after the lapse of the following times:
(Ordinary Portland Cement in normal weather conditions)

Position of Shuttering Props	Striking Time Days
Beam side walls & unloaded columns	2
Slab soffit without removal of slab props	4
Beam soffit with removal of props	7
Props unloaded slabs	10
Props unloaded beams	14

Beams and slabs must be poured with the following cambers.

Beam or Slab Element	Camber
Canllerier beams and slabs	Span/150
Other beams and slabs	Span/400

Concrete strengths are specified in terms of clauses in SANS 1200.

For the various elements they are as follows

Structural Element	Concrete Grade
Blinding	15
Bases/footings	25
Beams / Slabs	25
Walls	25
Columns	25

The structure has been designed for the following imposed floor loads:

Structure	Loading(kN/m ²)
Live Load	
Concrete cover to reinforcement (in mm) - Unless Otherwise Specified	
Bases/footings	50
Pilecap (top and sides)	50
Plates	50
Ground beams	75
Retaining walls (earth face)	50
Slab (bottom steel)	50

TRANSNET Port Terminals

(TRADING AS TRANSNET PORT TERMINAL) REG. NO. XXXXX

202 ANTON LEMEDE

DURBAN CENTRAL

9001



JOZINI MUNICIPALITY

MANGWAZANA SECONDARY SCHOOL
ADMINISTRATION BLOCKFOUNDATION
LAYOUTS, SECTIONS AND DETAILS

PROJECT NUMBER	100	101	FBS	DIS	TYPE	DRAWING NO.	1	0	1	0	0	TD