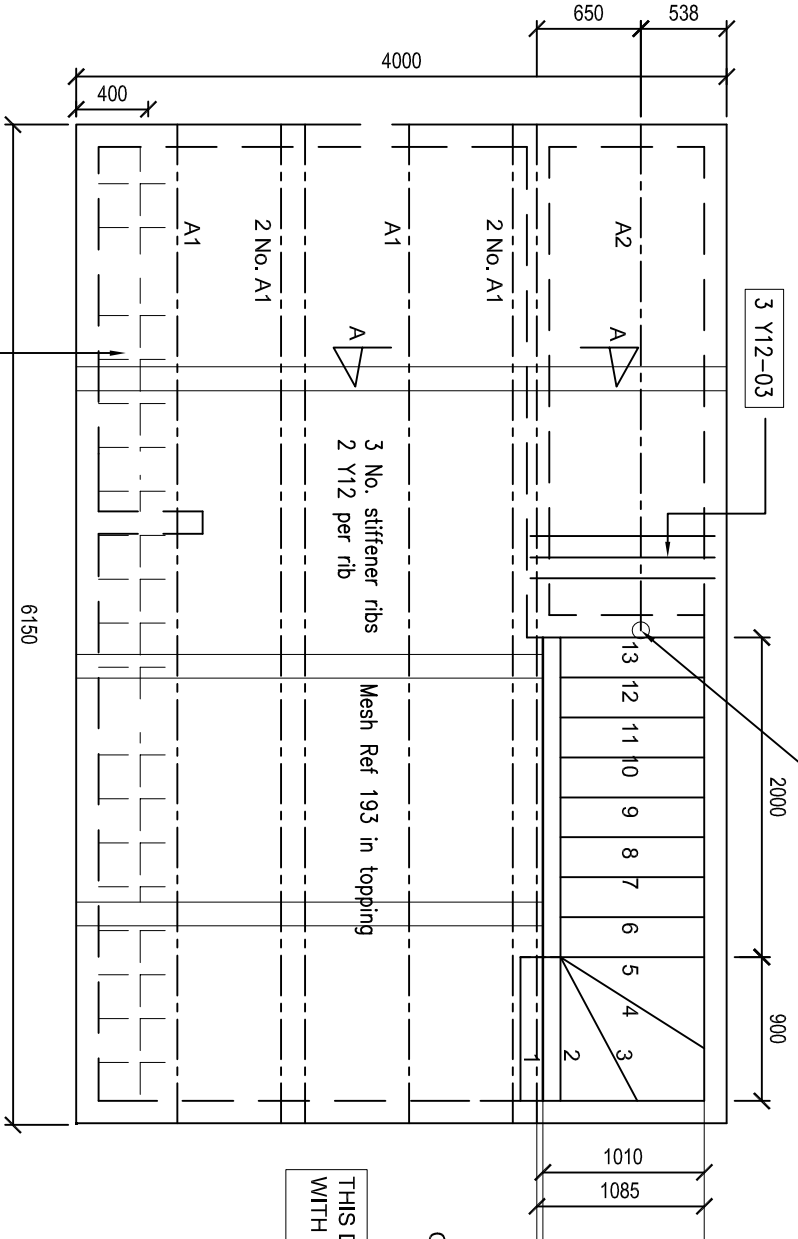


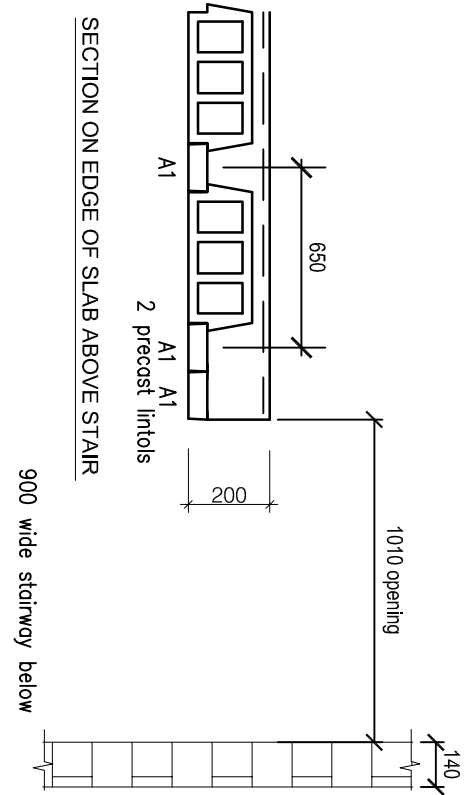
Refer to Supa Slab Layout drawing for position of Stiffener
Ribs. Rib to be min 150mm wide

DESIGNED FOR PRECAST SLAB
LIVE LOAD 1.5 Kn/m²



PLAN ON PRECAST SLAB

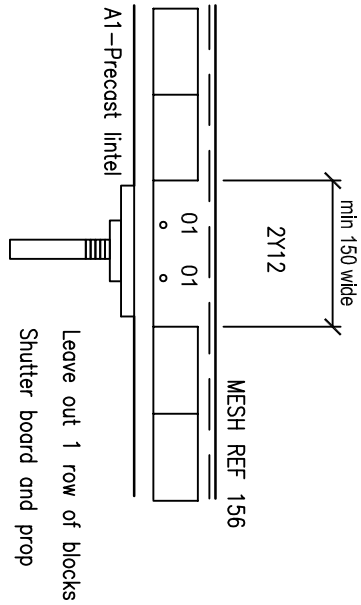
Design Live Load 1.5 kn/m²



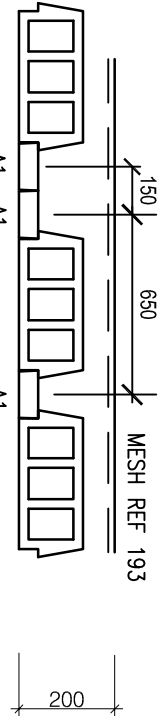
- NOTES:
1. CONCRETE STRENGTH AT 28 DAYS: 25 MPa.
 2. ENGINEER TO CARRY OUT INSPECTION AND APPROVE PRIOR TO CONCRETE BEING CAST.
 3. LINTELS TO BEAR MIN 75mm ON WALLS
 4. WET PRECAST UNITS BEFORE POURING CONCRETE
 5. CONCRETE CUBE TEST FREQUENCY TO BE AS PER SABS 1200

Center Line of Precast Lintel

THIS DRAWING TO BE READ IN CONJUNCTION
WITH SUPPLIERS SETTING OUT DRAWINGS

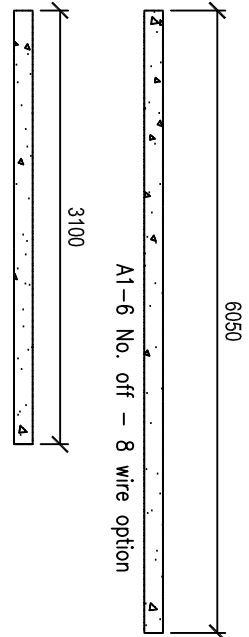


SECTION ON STIFFENER BEAM IN DECK SLAB



80mm THK 25 Mpa TOPPING
PS 120 BLOCKS

SECTION A - A ON DECK SLAB



3950
2Y12-01-MID SPAN -2 No. Off
3860
2Y12-02- 4No. Off
1200
3Y12-03- 3No. Off

LINTELS PER UNIT

A1-6 No. off – 8 wire option
A2-1 No. off – 5 wire option

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS.
2. ALL DIMENSIONS ARE IN mm AND ARE TO BE CHECKED ON SITE. ANY DISCREPANCIES TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. BEAM SIZES ARE GIVEN DEPTH x BREADTH.
4. CONCRETE COVER TO REINFORCING TO BE MAINTAINED BY THE USE OF EITHER NYLON SPACERS OR PRECAST CONCRETE BLOCKS WITH BINDING WIRES CAST IN.
5. REINFORCED CONCRETE CUBE STRENGTH AT 28 DAYS.
FOUNDATIONS 25 MPa
COLUMNS 25 MPa
R.C. WALLS 25 MPa
BEAMS 25 MPa
SLABS 25 MPa
STAIRS 25 MPa
6. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER PRIOR TO CASTING. MINIMUM 1 DAYS NOTICE IS REQUIRED FOR INSPECTION.
7. FOUNDATIONS ARE DESIGNED FOR A MAXIMUM SAFE BEARING LOAD OF 100 kPa.
8. FLOORS ARE DESIGNED FOR A MAXIMUM CHARACTERISTIC IMPOSED LOAD (LIVE LOAD) OF 1.5kPa.
9. CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS :
FOUNDATIONS 50 mm
COLUMNS 40 mm
R.C. WALLS 30 mm
BEAMS 30 mm
SLABS 20 mm
10. ALL WORK SHALL COMPLY WITH SABS 1200
11. DESIGN HAS BEEN CARRIED OUT IN ACCORDANCE WITH SABS 0100 , 0160 , 0162 , 0163 & 1064 AS APPLICABLE.
12. THE WORKS WILL BE INSPECTED FROM TIME TO TIME BY THE CONSULTING ENGINEER TO ASCERTAIN THAT THE CONTRACTOR IS CARRYING OUT THE WORK IN GENERAL CONFORMITY WITH THE REQUIREMENTS OF THE SPECIFICATION. THE CONTRACTOR IS NOT TO BE RELIEVED OF HIS RESPONSIBILITY FOR THE PROPER CONSTRUCTION OF THE WORKS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS , DOCUMENTS AND GOOD BUILDING PRACTICE
13. ALL WALLS INDICATED [] ARE LOADBEARING AND MUST BE CONSTRUCTED TO FULL HEIGHT BEFORE ANY CONCRETE IS CAST.
14. ALL LOAD BEARING BRICKWORK TO HAVE A MINIMUM CRUSHING STRENGTH OF 7MPa. BLOCKS & 10 Mpa BRICKS MORTAR CLASS 1
15. SLIP JOINT TO BE PROVIDED ON TOP OF ALL LOAD BEARING BRICKWORK TO BREAK THE BOND BETWEEN BRICKWORK AND CONCRETE. 2 LAYERS MILDID OR PLASTIC
16. ALL FLOOR LEVELS, UNLESS OTHERWISE INDICATED, ARE STRUCTURAL SLAB LEVELS.

REV.	AMENDMENTS	APP. DATE
V. GOVENDER		
CONSULTING CIVIL & STRUCTURAL ENGINEERS		
Mobile 0833240073 : e-mail govendervadl@telkomsa.net		
PROJECT		
PROPOSED PRECAST R.C.SLAB		
NTUZUMA D HOUSING PROJECT		
FOR CONSTRUCTION		
TITLE		
PRECAST SLAB		
DOUBLE STOREY SEMIDETACHED UNIT		
DESIGNED BY	V.G.	DRAWING No.
DRAWN BY	V.G.	
DATE	SCALE	13-06-23-07
13-06-23	AS SHOWN	