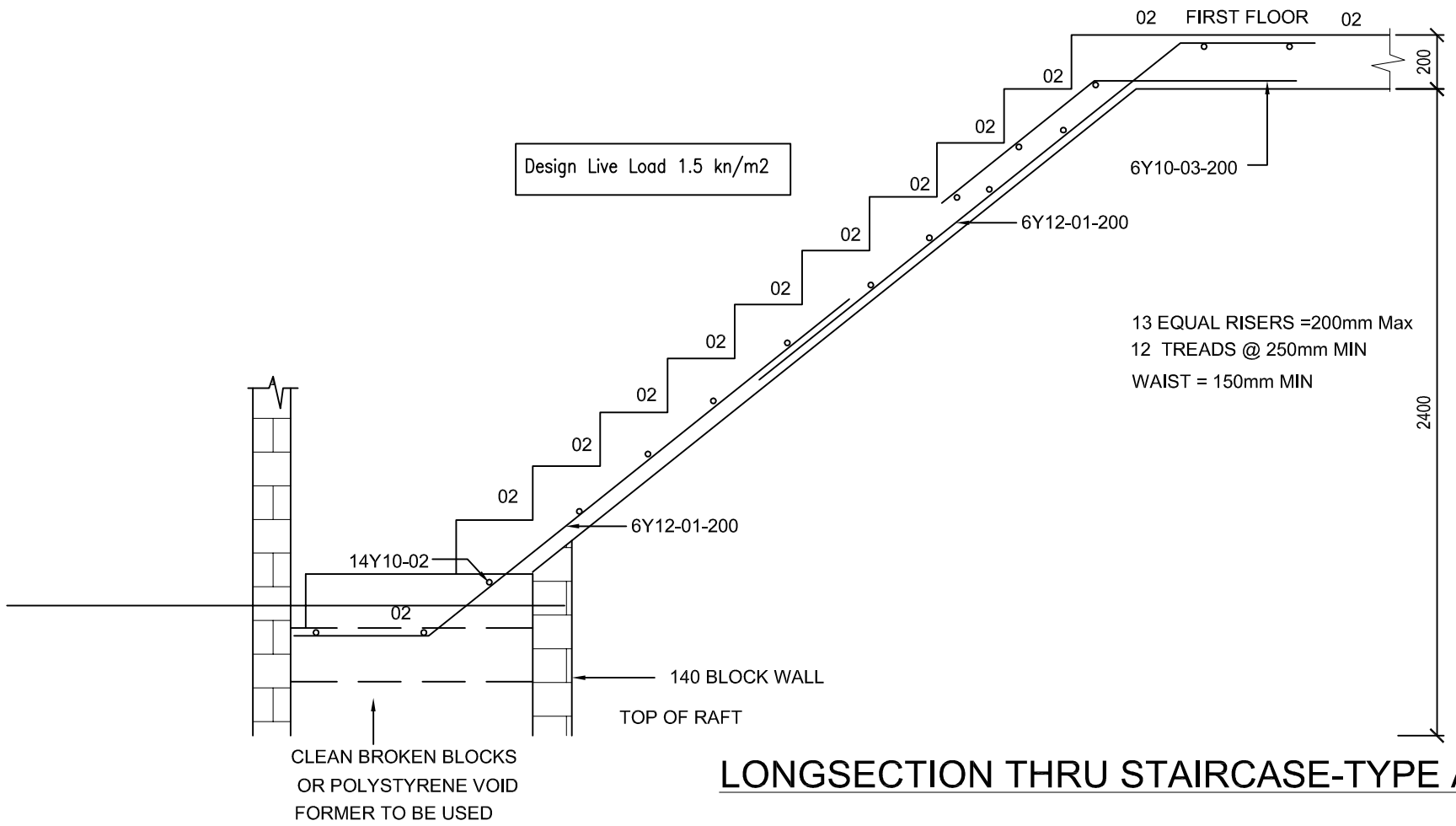

LONGSECTION THRU STAIRCASE-TYPE A

MEMBER	No. Off	REINFORCEMENT Type & Dia	Mark	No in Each	Total No.	Length mm	BENDING DIMENSIONS Shape Code	A mm	B mm	C mm	D mm	E mm
STAIR CASE TYPE A	1	Y12	01	12	12	2650	52	2000	1250	650		
		Y10	02	14	14	850	20					
		Y10	03	06	06	1470	52	720	455	750		
	CRANK AND ADJUST BARS ON SITE TO SUIT											

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 :– REQUIRED CHARACTERISTIC CUBE STRENGTH AT 28 DAYS.

FOUNDATIONS	25 MPa
COLUMNS	25 MPa
R.C. WALLS	25 MPa
BEAMS	25 MPa
SUSPENDED SLABS	25 MPa
STAIRS	25 MPa

6. ALL REINFORCEMENT TO BE INSPECTED BY THE ENGINEER PRIOR TO CASTING OF CONCRETE. 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
SUSPENDED SLABS	25 mm
STAIRS	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 ACERTAIN THAT THE CONTRACTOR IS CARRYING OUT THE WORK IN GENERAL CONFORMITY WITH THE ENGINEERING DRAWINGS & DOCUMENTS. SUCH INSPECTIONS ARE NOT CARRIED OUT FOR THE BENEFIT OF THE CONTRACTOR , AND DO NOT RELIEVE HIM OF THE 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 14MPa. MORTAR CLASS 1 – 1:3.
15. SLIP JOINT TO BE PROVIDED ON TOP OF ALL LOAD BEARING BRICKWORK TO BREAK THE BOND BETWEEN BRICKWORK AND CONCRETE.
16. ALL FLOOR LEVELS, UNLESS OTHERWISE INDICATED, ARE STRUCTURAL SLAB LEVELS.

REV.	AMENDMENTS	APP.	DATE

V. GOVENDER

CONSULTING CIVIL & STRUCTURAL ENGINEERS

Mobile I 0833240073 : govendervadi@telkomsa.net

PROJECT

NTUZUMA D HOUSING PROJECT
DOUBLE STOREY SEMI-DETACHED UNIT
FOR CONSTRUCTION

TITLE

REINFORCING DETAILS
FOR ONE STAIRCASE

DESIGNED BY	V.G.	DRAWING No.	REV.
DRAWN BY	V.G.	13-06-23-08	
DATE 13-06-23	SCALE AS SHOWN		