

NOTES:

- Opening schedule may change according to the structural design.
- The layout of columns and beams may change according to the structural design.
- Number of steps may change according to the plinth and parking height desired.
- Thickness of walls is only proposed. It may have to change based on the structural design to avoid column/beam projections.
- The Contractor and the Consultant shall bear no responsibility whatsoever where any drawings provided by it/them in relation to the project / Said Works, does not comply with any applicable laws including the bye-laws of the building/society where such project is situated. Further, it is clarified that it shall be the responsibility of the Owner to ensure any and all compliance of the drawings provided by the Contractor/Consultant.

REV.

AREA STATEMENT

Ground floor area : 706 sft
Carparking : 175 sft

First floor area : 623 sft
Balcony : 51 sft
Open terrace : 208 sft

Headroom : 110 sft

DOOR SCHEDULE

Main door MD : 3' 6" x 7' 0"
Flush door D1 : 3' 0" x 7' 0"
Toilet/Utility D2 : 2' 6" x 7' 0"
Sliding door SD : 6' 0" x 7' 0"
Puja door PD : 2' 6" x 7' 0"

WINDOW SCHEDULE

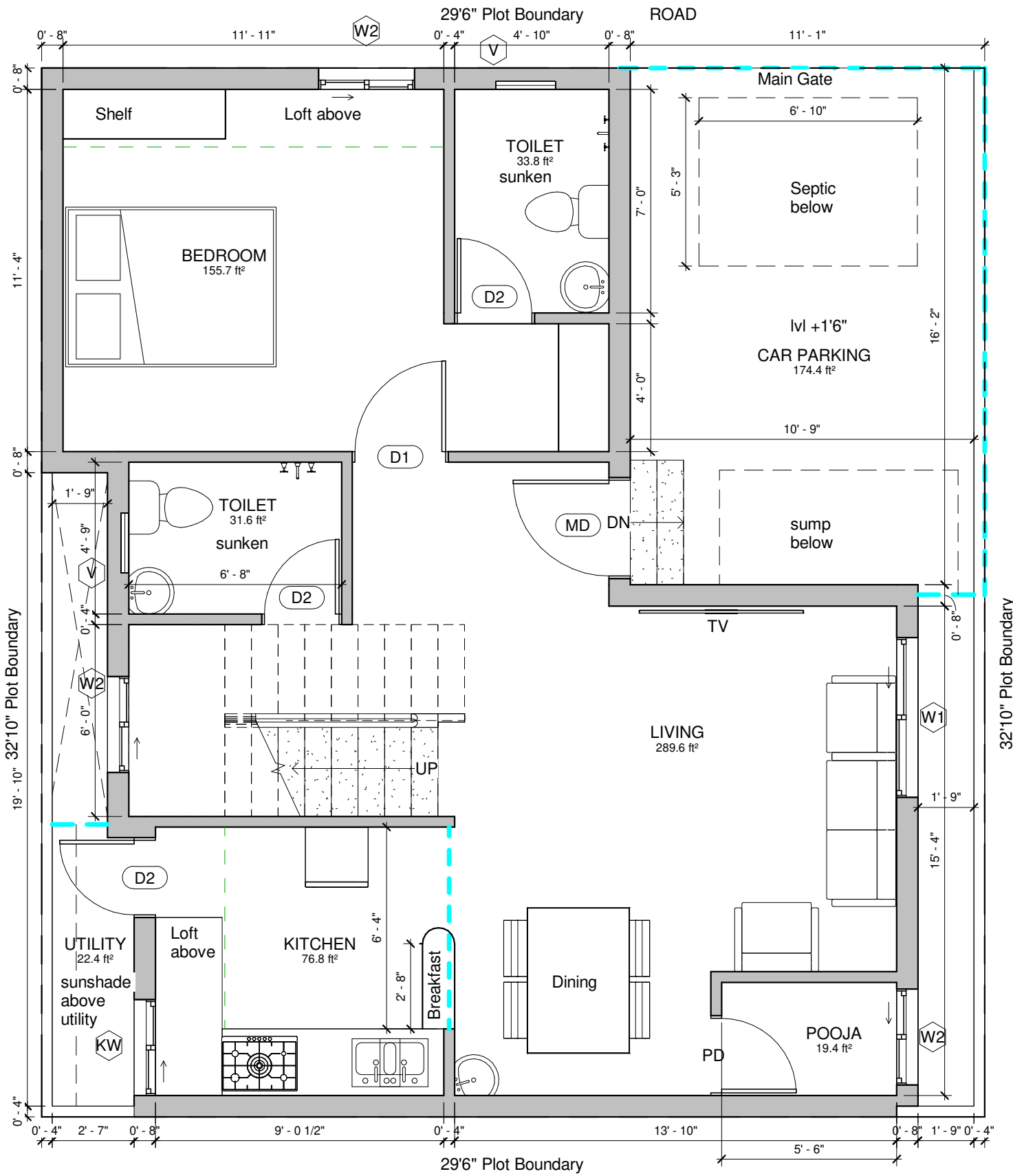
Sliding window W1 : 5' 0" x 4' 0"
Sliding window W2 : 3' 0" x 4' 0"
Window W : 2' 0" x 4' 0"
Kitchen window KW : 3' 0" x 3' 6"
Ventilator V : 2' 0" x 2' 0"

LEGENDS

Note : Compound wall is 55 Rft.

Sliding door to be charged.

Levels marked in the floorplan is just for reference. Actual height of the Ground floor Basement filling should be as per final quotation.



1 GROUND FLOOR LEVEL
1 : 45

Brick & Bolt
ClayWorks CBD, Shoba Alexander Plaza, Ashok Nagar, Bengaluru, Karnataka 560025

Project **Mr.Rajesh - Iteration 1a**

CRN 193868
Drg. No. A101
Drawing Title Ground floor

Date 08/04/23
Architect Asrar



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WINDOW SCHEDULE

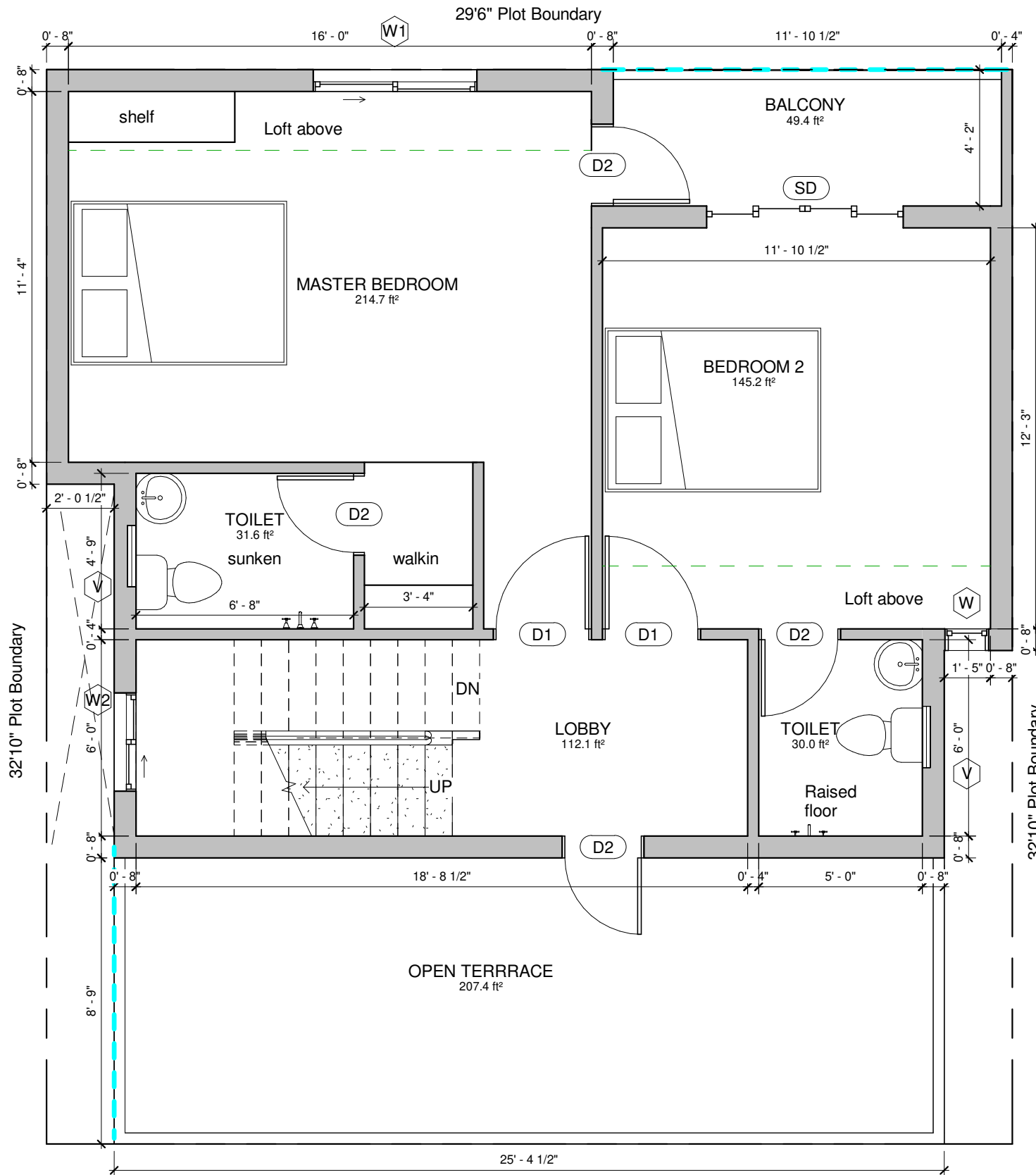
Sliding window W1 : 5' 0" x 4' 0"
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LEGENDS

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1 FIRST FLOOR LEVEL
1 : 45

Brick & Bolt
ClayWorks CBD, Shoba Alexander Plaza, Ashok Nagar, Bengaluru, Karnataka 560025

Project **Mr.Rajesh - Iteration 1a**

CRN 193868
Drg. No. A102
Drawing Title First floor

Date 08/04/23
Architect Asrar



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REV.

AREA STATEMENT

Ground floor area : 706 sft
Carparking : 175 sft

First floor area : 623 sft
Balcony : 51 sft
Open terrace : 208 sft

Headroom : 110 sft

DOOR SCHEDULE

Main door MD : 3' 6" x 7' 0"
Flush door D1 : 3' 0" x 7' 0"
Toilet/Utility D2 : 2' 6" x 7' 0"
Sliding door SD : 6' 0" x 7' 0"
Puja door PD : 2' 6" x 7' 0"

WINDOW SCHEDULE

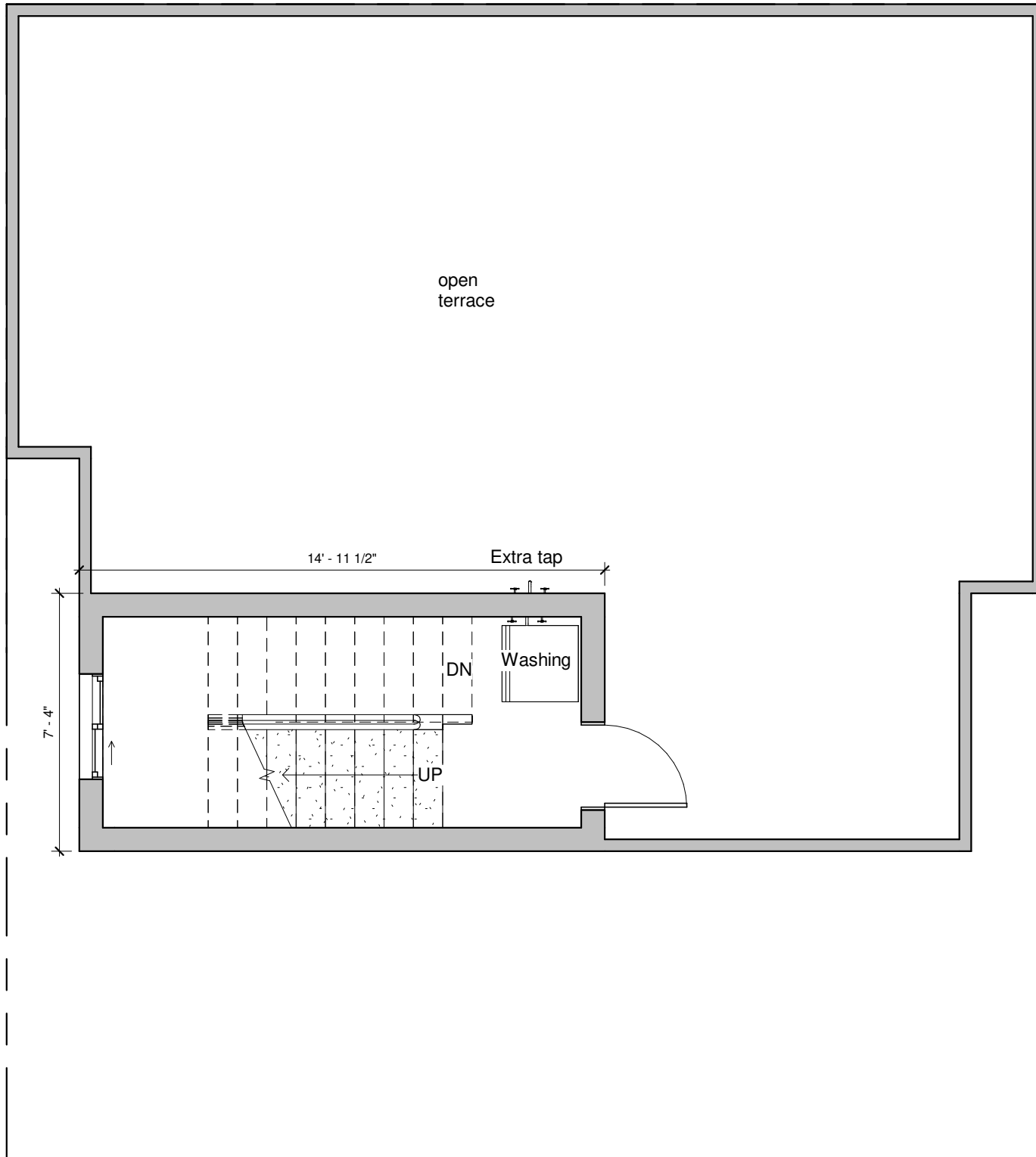
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Ventilator V : 2' 0" x 2' 0"

LEGENDS

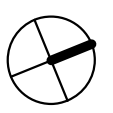
Note : Compound wall is 55 Rft.

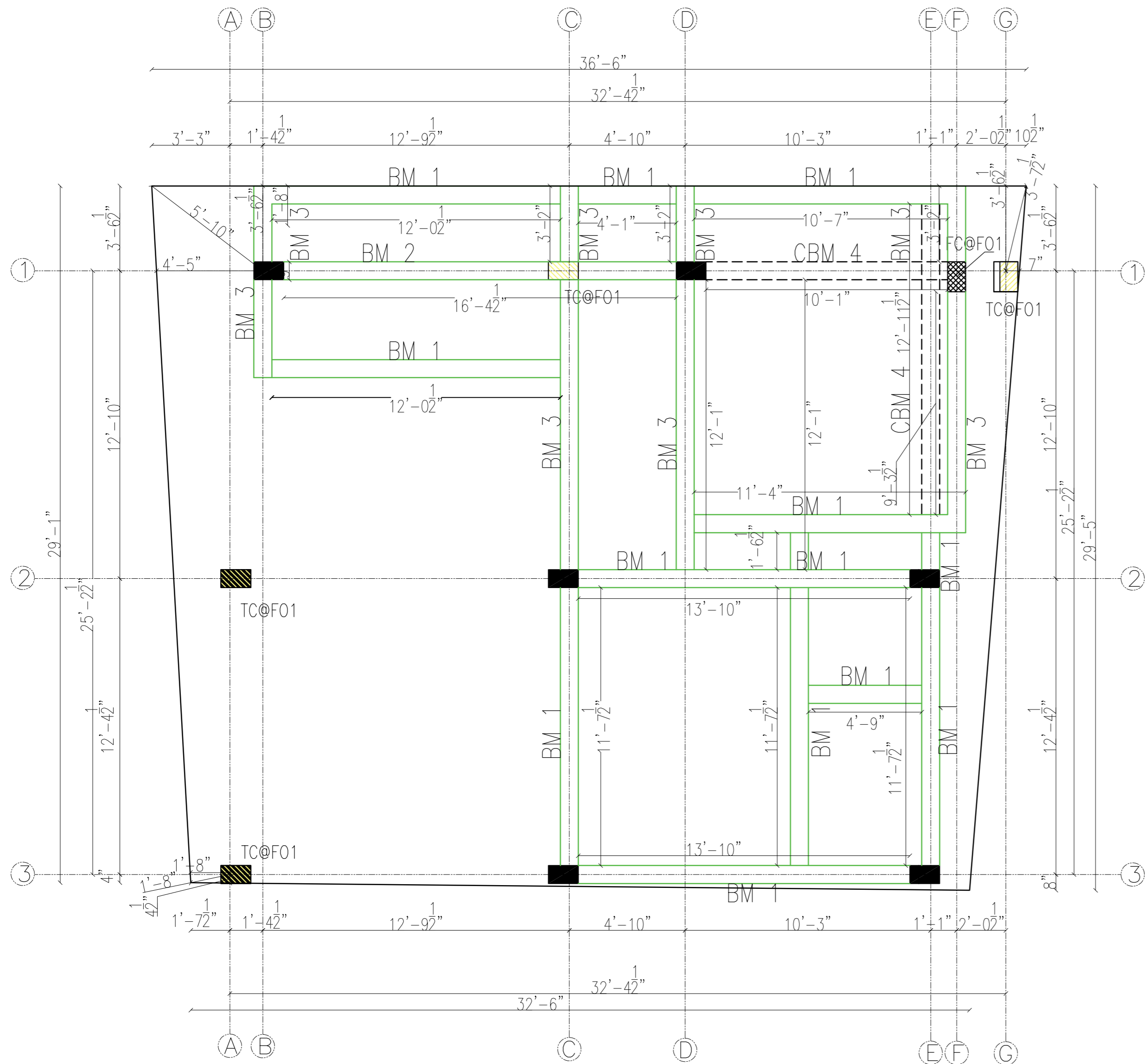
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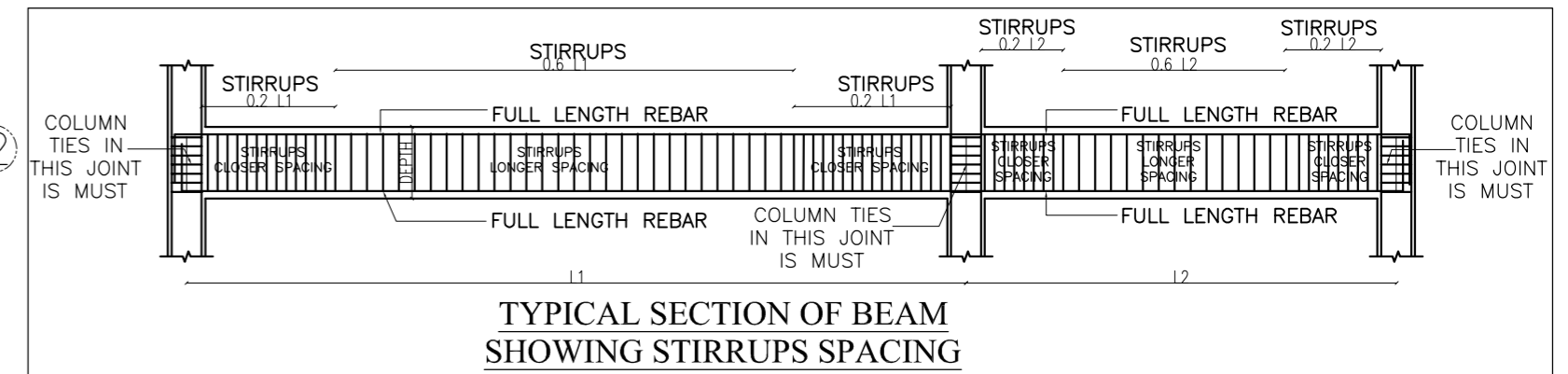
1 TERRACE FLOOR LEVEL
1 : 45

Brick & Bolt ClayWorks CBD, Shoba Alexander Plaza, Ashok Nagar, Bengaluru, Karnataka 560025	Project Mr.Rajesh - Iteration 1a	CRN 193868	Drg. No. A103	Date 08/04/23	 NORTH
		Drawing Title Terrace floor		Architect Asrar	



FIRST FLOOR ROOF BEAM LAYOUT & DETAILS

BEAM WITHOUT CURTAILMENT SCHEDULE						
TYPE	BEAM SIZE	FULL LENGTH BEAM MAIN REINFORCEMENT		STIRRUP SHAPE	VERTICAL STIRRUP DETAILS	
		MAIN REIN.	BEAM SHAPE		NEAR SUPPORT	AT MID SPAN
BM 1	0'9" X 1'3"	TOP: FULL LENGTH 3 NOS x 12mm dia BOT: FULL LENGTH 3 NOS x 16mm dia		8 mm DIA	TWO LEGGED STIRRUP FOR A LENGTH=0.2L 8 mm @ 5" C/C TWO LEGGED STIRRUPS	TWO LEGGED STIRRUP FOR A LENGTH=0.6L 8 mm @ 6" C/C TWO LEGGED STIRRUPS
BM 2	0'9" X 1'3"	TOP: FULL LENGTH 2 NOS x 16mm dia 1 NOS x 12mm dia BOT: FULL LENGTH 3 NOS x 20mm dia		8 mm DIA	TWO LEGGED STIRRUP FOR A LENGTH=0.2L 8 mm @ 5" C/C TWO LEGGED STIRRUPS	TWO LEGGED STIRRUP FOR A LENGTH=0.6L 8 mm @ 6" C/C TWO LEGGED STIRRUPS
BM 3	0'9" X 1'3"	TOP: FULL LENGTH 2 NOS x 16mm dia 1 NOS x 12mm dia BOT: FULL LENGTH 1 NOS x 12mm dia 2 NOS x 16mm dia		8 mm DIA	TWO LEGGED STIRRUP FOR A LENGTH=0.2L 8 mm @ 5" C/C TWO LEGGED STIRRUPS	TWO LEGGED STIRRUP FOR A LENGTH=0.6L 8 mm @ 6" C/C TWO LEGGED STIRRUPS
CBM 4	0'9" X 0'6"	TOP: FULL LENGTH 3 NOS x 12mm dia BOT: FULL LENGTH 3 NOS x 12mm dia		8 mm DIA	TWO LEGGED STIRRUP FOR A LENGTH=0.2L 8 mm @ 5" C/C TWO LEGGED STIRRUPS	TWO LEGGED STIRRUP FOR A LENGTH=0.6L 8 mm @ 6" C/C TWO LEGGED STIRRUPS



NO CRANKING OF RODS IS REQUIRED - ALL RODS ARE STRAIGHT - AT TOP AND BOTTOM
NO CURTAILMENT OF MAIN RODS IS MENTIONED . ALL RODS ARE FULL LENGTH.
TOP REINFORCEMENT OF CANTILEVER BEAMS AS WELL AS RECTANGULAR BEAMS
SHALL NOT BE LAPPED.

PROJECT: Mrs. SRUTHI VINOTH		SITE: MUDICHIR		TITLE: FIRST FLOOR ROOF BEAM LAYOUT AND DETAILS		DATE: 03.04.2023			
TECHNICAL SPECIFICATIONS		REFERENCES		GENERAL NOTES		CLEAR COVER			
<ol style="list-style-type: none"> USE ONLY THE SPECIFIED DESIGN MIX OF CONCRETE FOR EACH RCC MEMBER. USE Fe 500 TMT BARS FOR REINFORCEMENT. PPC 53 GRADE CEMENT SHALL BE USED FOR ALL CONCRETE WORKS. COARSE AGGREGATE BOM SHALL BE 20MM DOWN SIZE AND WELL GRADED. MINERAL SAND SHALL BE WELL GRADED AND SEIVED TO REMOVE DUST PARTICLES. RIVER SAND SHALL BE WELL GRADED AND WASHED TO REMOVE ORGANIC MATTER. PROPER DESIGN MIX OF CEMENT CONCRETE SHALL BE ACHIEVED THROUGH WEIGHT BATCHING AND THE SAME SHALL BE FOLLOWED THROUGH OUT THE CONSTRUCTION. CEMENT, AGGREGATES & CEMENT CONCRETE SHALL BE TESTED DURING CONSTRUCTION FOR ALL COMPONENTS OF THE BUILDING AND RECORDED. WATER SHALL BE OF GOOD QUALITY AND IT SHALL BE TESTED IN A REPUTED LABORATORY TO ASCERTAIN THE SUITABILITY FOR CEMENT CONCRETE WORK. CURING OF CONCRETE STRUCTURES BY APPROPRIATE METHOD SHALL BE SUFFICIENTLY DONE TO ACHIEVE THE DESIRED DESIGN STRENGTH OF CONCRETE. 		<ol style="list-style-type: none"> ALWAYS REFER THE LATEST REVISION OF THE SAME DRAWING NUMBER. REFER RELEVANT ARCHITECTURAL DRAWINGS FOR CORRECT BUILDING COMPONENT MEASUREMENTS, LINE AND LEVEL. DO NOT SCALE THE DRAWING. WRITTEN DIMENSIONS ARE TO BE FOLLOWED. ALL DIMENSIONS ARE IN FEET (FOOT AND INCHES) UNLESS OTHERWISE MENTIONED. MEASUREMENTS IN METRIC ARE MENTIONED ALONG THE VALUES WHEREVER NECESSARY. REFER IS 456 - 2000 FOR RCC CONSTRUCTION AND PRACTICE. REFER IS 5525 - 2004 FOR REINFORCEMENT DETAILING IN RCC STRUCTURES. LAP LENGTH FOR REINFORCEMENT = 50 X DIA OF LARGER BAR. WELDED LAP SPLICE = LAP LENGTH = 15X DIA (WELDING LENGTH = 5X DIA AT EACH END). REFER IS 2911 - 1997 FOR PILE FOUNDATION. REFER IS 3370 - 2009 FOR CONCRETE STRUCTURES FOR LIQUID RETAINING. REFER IS 800 - 2007 FOR STEEL STRUCTURE DESIGN & CONSTRUCTION. 		<ol style="list-style-type: none"> OVER LOADING OF THE STRUCTURE WITH DUMPING OF BUILDING MATERIALS AND EQUIPMENTS AT ONE PLACE SHALL BE AVOIDED DURING THE CONSTRUCTION. USE OF LIGHT WEIGHT CONCRETE BLOCKS FOR WALLS IS RECOMMENDED WHERE EVER POSSIBLE TO REDUCE THE SELF WEIGHT OF THE STRUCTURE. USE OF LOW DENSITY MATERIAL CONCRETE IS SUGGESTED FOR FILLING UP OF SUNKEN PORTIONS OVER THE ROOF SLABS. PROVIDE SUFFICIENT SUPPORTS AND PROPS UNDER THE ROOF BEAM AND SLABS BEFORE OVER LOADING THE ROOF WITH CONSTRUCTION EQUIPMENTS AND MATERIALS. 		<ol style="list-style-type: none"> COLUMN = 40MM. ROOF BEAM = 25MM. ROOF SLAB = 20MM. GRADE BEAM = 25MM. FOOTING BASE = 75MM. FOOTING SIDE = 50MM. 		LEGEND RC COLUMN M25 CONCRETE Fe 550 STEEL	
DRAWING NO: BRIC-SRUT-STRL-ROOF-01-001		REV: RO		ENGINEERING - DESIGN - CONSULTANCY		LORDS ENGINEERING			
SCALE : FIT		DRAWN : PREM.K		DESIGN : SIVAKUMAR.R		CHKD: JAYAKUMAR.M			
BUILDER: BRICK & BOLT		R4		R3		R2			
R1		R0		ISSUED FOR CONSTRUCTION 03.04.2023		REVISION			
REV.		DESCRIPTION		DATE					

LORDS ENGINEERING
H.O: No.68, MADHAVARAM REDHILLS HIGHROAD,
MOOLAKADAI, PERAMBUR, CHENNAI-600 060.
B.O: No.102, SATHYA MURTHY NAGAR,
KATHIRVEDU, CHENNAI-600 066.
E-Mail: lordsengineering01@gmail.com
Mobile: +91 98407 43262