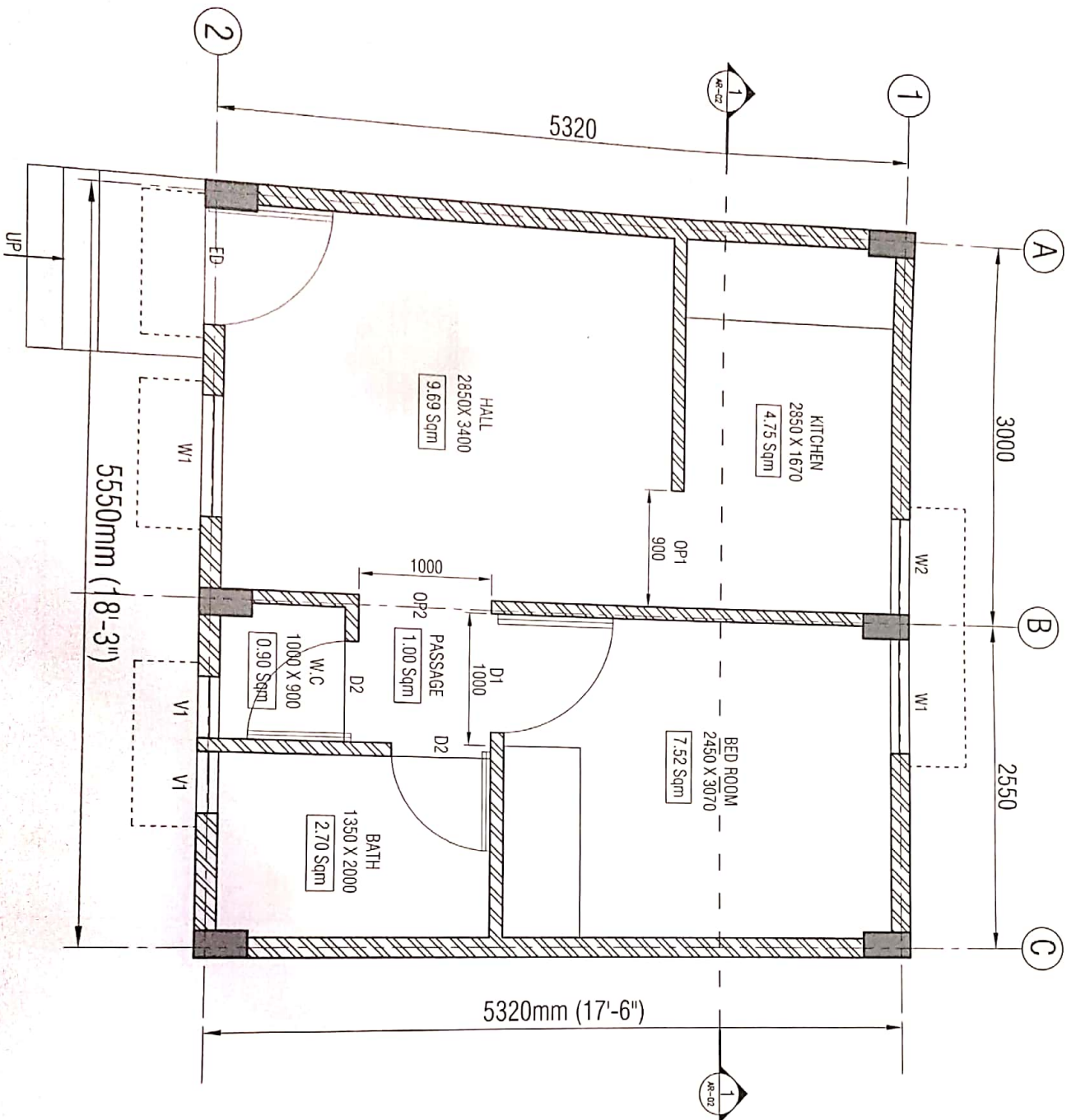


GROUND FLOOR PLAN



AREA BREAK STATEMENT :					NOTE	
ITEMS	NO.	L	B	AREA		
HALL	01	2.65	3.40	9.09	1. DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY 2. ALL DIMENSIONS ARE IN mm UNLESS MENTIONED OTHERWISE 3. FLOOR TO FLOOR HEIGHT = 30m	
ED ROOM	01	2.45	3.03	7.43		
KITCHEN	01	2.55	1.67	4.25		
W.C	01	1.02	0.92	0.94	SCHEDULE OF OPENING	
BATH	01	1.35	2.00	2.70		
PASSAGE	01	1.06	1.00	1.06	DOORS :	
SUB TOTAL				26.44	DOORS :	
CD	01	0.50	0.15	0.13	D1	900 X 2100 (MAIN ENTRANCE)
OFFICE	02	0.00	0.10	0.16	D2	750 X 2100
02	01	1.00	0.10	0.10	D-1	900 X 2100
02	02			0.15		
SUB TOTAL				0.56	WINDOWS :	
GRAND TOTAL				27.12	W1	900 X 1200
					W2	750 X 600

VENTILATOR:	
W1	450 X 600
AREA STATEMENT	
CAREPT AREA: 27.12 Sqm (291.92 SM)	
PULPIT AREA :	
CF	: 31.18 Sqm
TOTAL	: 51.18 Sqm (555.62 SM).

TYPE DESIGN - 10					
ISSUED TO					
ISSUE DETAILS					

[illegible]


imprints
ARCHITECTURE - STRUCTURAL ENGINEERING
55, FIRST FLOOR, 8th CROSS
5th MAIN, VALETTA-KAVAL
BANGALORE - 560 003
* ENCL. IMPRINTS - 950 003

TEL: 066-23464253

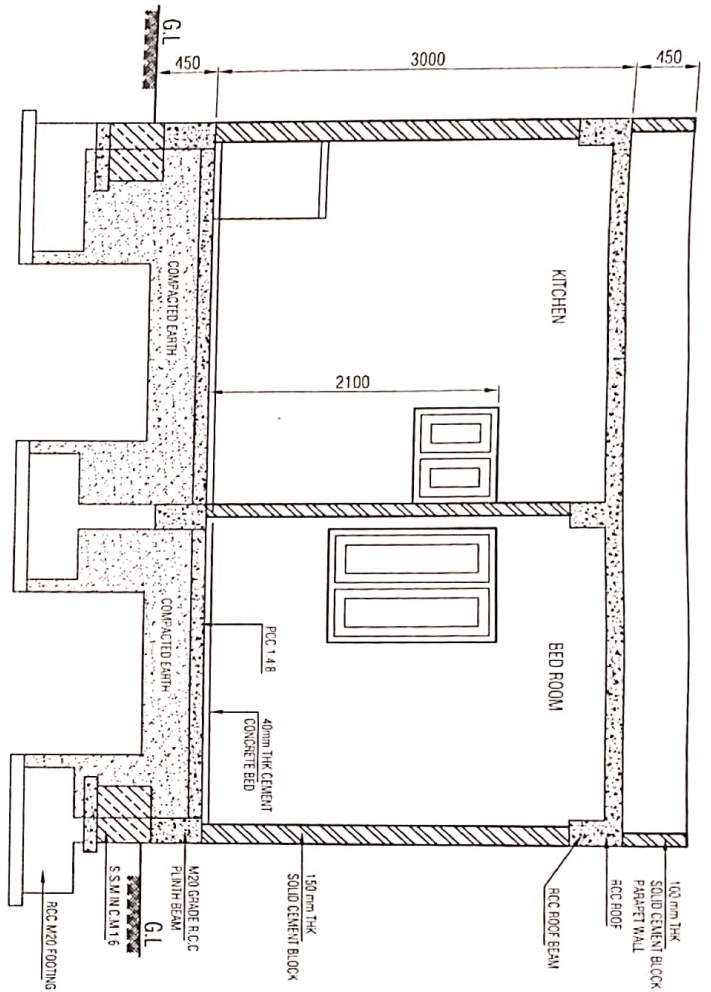
DESIGN AND CONSTRUCTION BY :
GOWRI INFRA ENGINEERS PVT. LTD
#85, 8th MAIN, WIDIA LAYOUT,
CHANDRA LAYOUT, VIJAYNAGAR,
BANGALORE - 560040

CLIENT: THE COMMISSIONER
KARNATAKA SLUM DEVELOPMENT BOARD
BANGALORE.

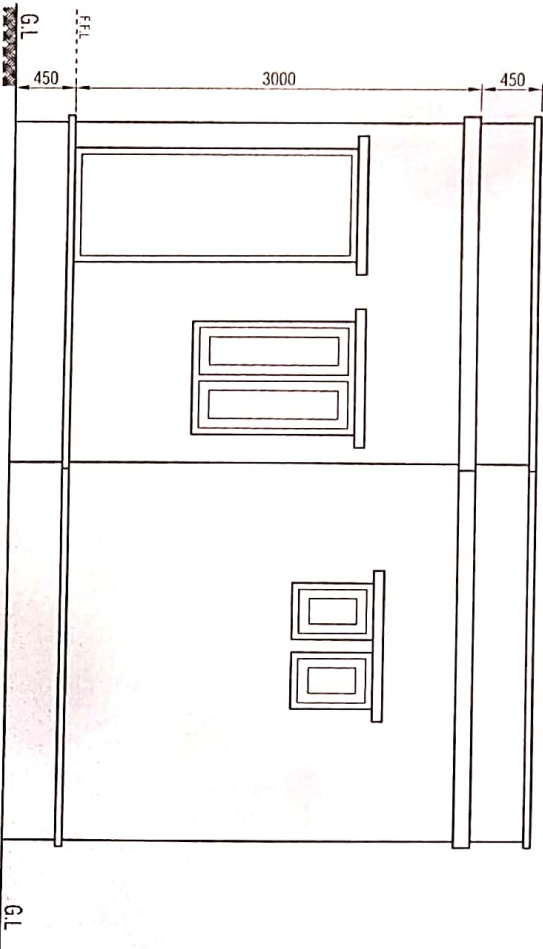
GROUND FLOOR PLAN

PROJECT TITLE :
CONSTRUCTION OF 1607 (G+G+3) DUS
INCLUDING INFRASTRUCTURE WORKS IN
6 SELECTED SLUMS OF
GOVINDANAGAR & VYASNAGARA
BENGALURU UNDER PMAY-HFA (URBAL
SCHEME)

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE



SECTION THROUGH 1 - 1



FRONT ELEVATION

AREA BREAK STATEMENT					
ITEMS	NO.	L	B	AREA	
WALL	01	2.43	3.43	8.34	
EXT FLOOR	01	2.45	3.67	7.52	
WIDENING	01	2.53	1.67	4.25	
W.C	01	1.00	0.96	0.96	
BATH	01	1.35	2.20	2.97	
KITCHEN	01	1.00	1.00	1.00	
SUB TOTAL:				24.56	
DOORS:	ED	01	0.50	0.15	
	D1	0.50	0.10	0.10	
	D2	01	1.00	0.10	
	D3	01	1.00	0.10	
	D4	01	0.75	0.10	
WINDOWS:				0.56	
W1	900 X 1200				
W2	750 X 600				

VENTILATOR :	
VI	450 X 600
AREA STATEMENT	
CABINET AREA : 27.12 Sqm (291.92 SqM)	
PUNJH AREA :	
GF	31.18 Sqm
TOTAL	31.18 Sqm (335.62 SqM)

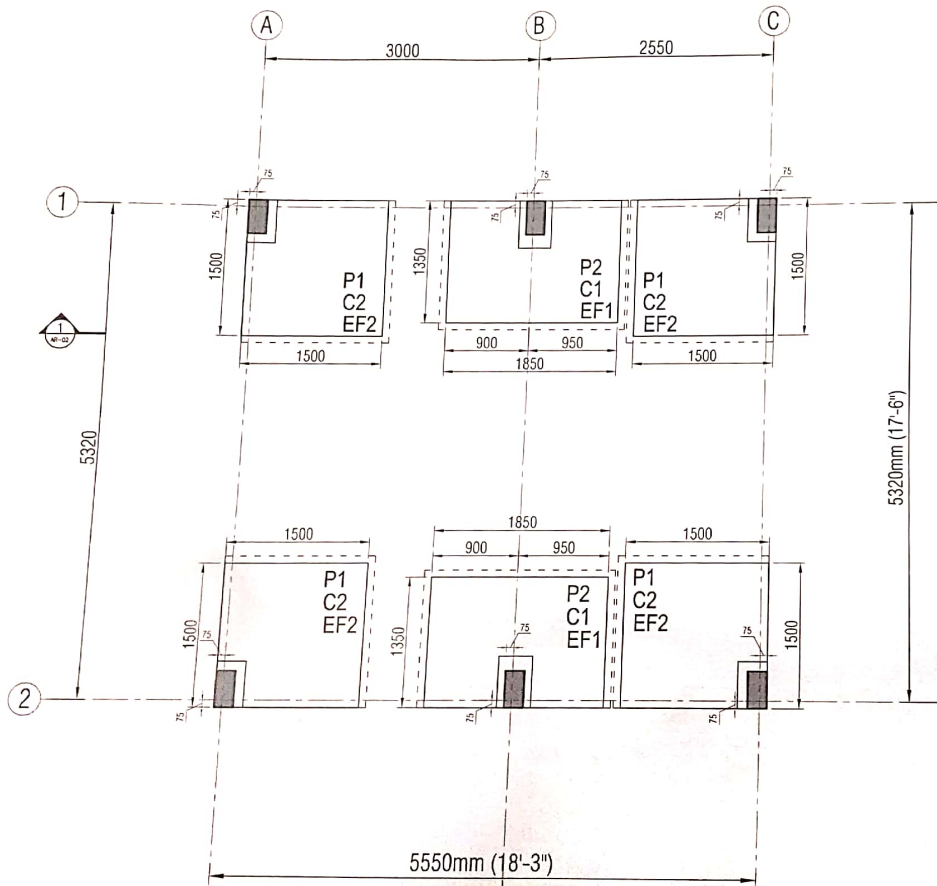
[illegible][illegible]

#35, BH. MAIN, WIDH. LAYOUT, CHANDRA LAYOUT, VILVA/MAISR, BANGALORE - 560040	CLIENT :
THE COMMISSIONER KARAIKATA SLUM DEVELOPMENT BOARD, BANGALORE.	DRAWING TITLE :
CROSS-SECTION & FRONT ELEVATION	PROJECT TITLE :

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE

CONSTRUCTION OF 160T (5F & C-3) DUS
INCLUDING INFRASTRUCTURE WORKS IN
6 SELECTED SLAMS OF
GOMDARABANGAR & VILVANGANGRA
BENGALURU UNDER PHASE-4 (URBAN)
SCHEME.

Sl. No.	PROJECT NAME	LOCATION	STATUS	DATE	REMARKS
1	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
2	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
3	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
4	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
5	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
6	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
7	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
8	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
9	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS
10	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS	160T (5F & C-3) DUS



CENTERLINE & EXCAVATION LAY-OUT

- NOTE:
- DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY.
 - ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 - ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONCERNED ENGINEER.
 - ALL LEVELS / PROFILES / DIMENSIONS / LOCATIONS ARE TO BE CHECKED WITH ARCHITECTURAL DWG.
 - GRADE OF CONCRETE FOR FOOTINGS: M20, COLUMNS: M20, PLINTH BEAMS: M20.
 - COVER: COLUMNS: 40mm, FOOTINGS: 50mm, PLINTH BEAMS: 25mm.
 - GRADE OF STEEL IS F-500.
 - SBC ASSUMED IS 1:500.
 - LAPS TO BE STAGGERED.
 - ANCHORAGES TO BE PROVIDED AS PER USUAL PRACTICE.
 - FOOTING ARE DESIGNED FOR G.F. + 1 UPPER FLOOR ONLY (2 SLABS).
 - THE STRUCTURE IS DESIGN AS PARTIALLY FRAME STRUCTURE & PARTIALLY LOAD BEARING.
 - ADD 100mm ON EITHER SIDE OF FOOTING FOR EXCAVATION.

TYPE DESIGN - 10

ISSUED TO: NO. DATE BY:

ISSUE DETAILS

CONSULTANTS

imprints

ARCHITECTURE - STRUCTURAL ENGINEERING

55, FIRST FLOOR, 8th CROSS

5th MAIN, MALLAHARAJ

BANGALORE - 560003

EMAIL: imprints_arch@yahoo.co.in

TEL: 080-23465205

DESIGN AND CONSTRUCTION BY:

GOWRI INFRA ENGINEERS Pvt. Ltd.

85, 8th MAIN, WDMA LAYOUT,

CHANDRA LAYOUT, VIJAYANAGAR,

BANGALORE - 560040

CLIENT:

The COMMISSIONER

KSDB, BANGALORE

DRAWING TITLE:

FOOTING AND COLUMN

LAYOUT

PROJECT TITLE:

CONSTRUCTION OF 1607 (GF & G+3)

DUS INCLUDING INFRASTRUCTURE

WORKS IN 6 SELECTED SLUMS OF

GOVINDARAJANAGAR &

VIJAYANAGARA, BANGALURU UNDER

PMAY-HFA (URBAN) SCHEME.

EXECUTIVE ENGINEER

NO: 1, DIVISION,

KSDB, BANGALORE

DRAWN: CHANDRASHEKARA

DESIGNED: VIJAYANAND

CHECKED: VIJAYANAND

DATE: 30-08-2019

SCALE: NTS

JOB NO:

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IMPRINTS STRUCTURAL CONSULTANT

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE

ENGG REF: THIS DRG SHALL BE READ IN COLLATION WITH ARCHITECTURAL AND SERVICES DRG

CONST. REF: ST - 02 & ST - 03

LEGEND:

UNO - UNLESS NOTED OTHERWISE

C - INDICATES RCC COLUMN

F - INDICATES ISOLATED FOOTING

EF - INDICATES ECCENTRIC FOOTING

P - INDICATES PEDESTAL

PB - INDICATES PLINTH BEAM

ISSUED TO: NO. DATE BY:

ISSUE DETAILS

CONSULTANTS

imprints

ARCHITECTURE - STRUCTURAL ENGINEERING

55, FIRST FLOOR, 8th CROSS

5th MAIN, MALLAHARAJ

BANGALORE - 560003

EMAIL: imprints_arch@yahoo.co.in

TEL: 080-23465205

DESIGN AND CONSTRUCTION BY:

GOWRI INFRA ENGINEERS Pvt. Ltd.

85, 8th MAIN, WDMA LAYOUT,

CHANDRA LAYOUT, VIJAYANAGAR,

BANGALORE - 560040

CLIENT:

The COMMISSIONER

KSDB, BANGALORE

DRAWING TITLE:

FOOTING AND COLUMN

LAYOUT

PROJECT TITLE:

CONSTRUCTION OF 1607 (GF & G+3)

DUS INCLUDING INFRASTRUCTURE

WORKS IN 6 SELECTED SLUMS OF

GOVINDARAJANAGAR &

VIJAYANAGARA, BANGALURU UNDER

PMAY-HFA (URBAN) SCHEME.

EXECUTIVE ENGINEER

NO: 1, DIVISION,

KSDB, BANGALORE

DRAWN: CHANDRASHEKARA

DESIGNED: VIJAYANAND

CHECKED: VIJAYANAND

DATE: 30-08-2019

SCALE: NTS

JOB NO:

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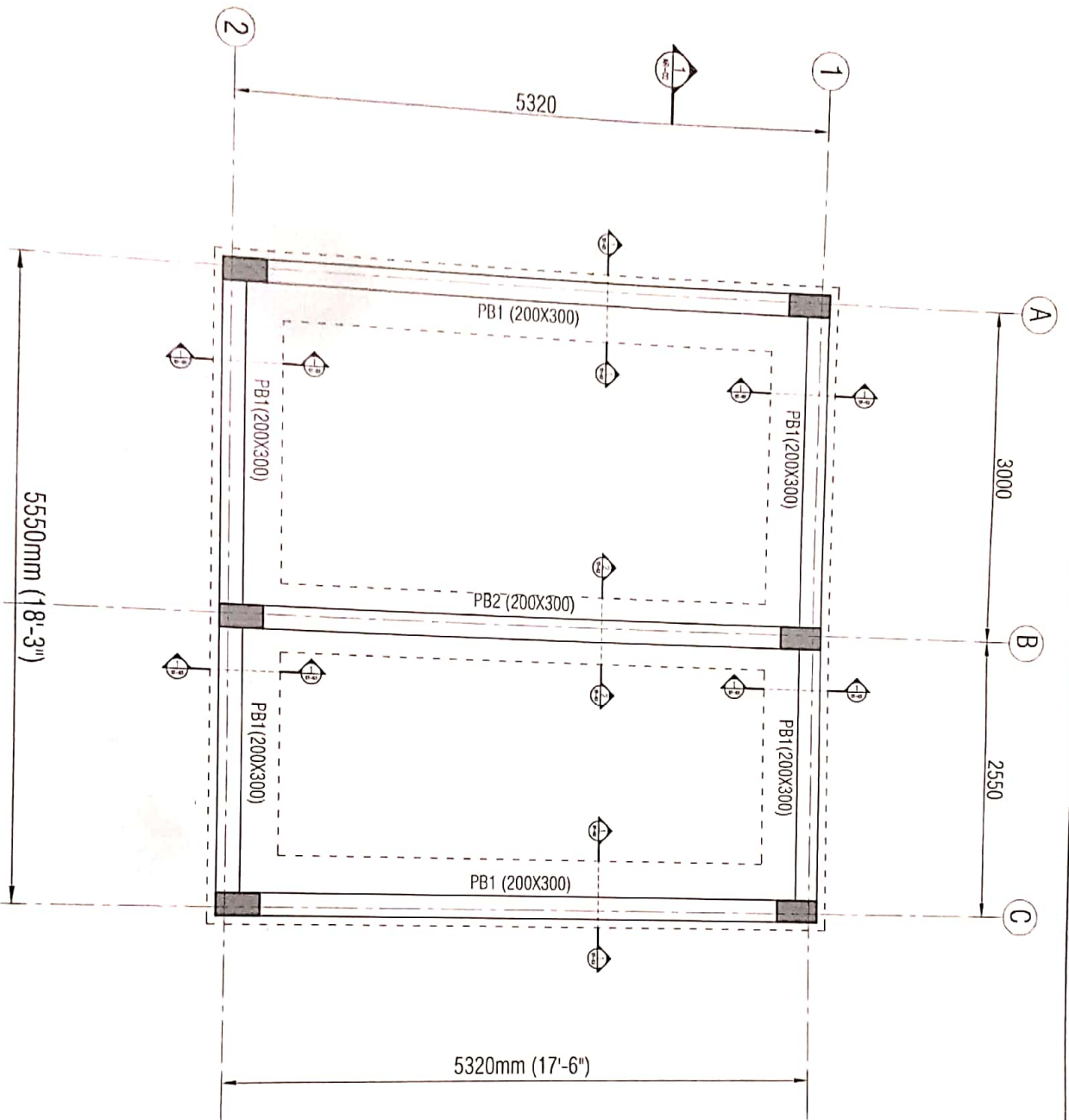
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WHATSOEVER WITHOUT PERMISSION FROM

IMPRINTS STRUCTURAL CONSULTANT

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE



PLINTH BEAM LAY-OUT

NOTE:
 01. DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY.
 02. ALL DIMENSIONS ARE IN mm UNO.
 03. ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONCERNED ENGINEER.
 04. ALL LEVELS / PROFILES / DIMENSIONS / LOCATIONS ARE TO BE CHECKED WITH ARCHITECTURAL Dwg.
 05. GRADE OF CONCRETE FOR FOOTINGS : M20
 06. COLUMNS : M20
 07. PLINTH BEAMS : M20
 08. COVER : 40mm
 09. FOOTINGS : 50mm
 10. GRADE OF STEEL IS F550
 11. LAYS TO BE STRONGER.
 12. ANCHORAGE TO BE PROVIDED AS PER USUAL PRACTICE.
 13. FOOTING ARE DESIGNED FOR GF - 1 UPPER FLOOR ONLY (2 SABS).
 14. THE STRUCTURE IS DESIGN AS PARTIALLY FRAME STRUCTURE & PARTIALLY LOAD BEARING.
 15. ADD 100mm ON EITHER SIDE OF FOOTING FOR EXCAVATION.

TYPE DESIGN - 10

ENGINEER:	THIS Dwg SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES Dwg
CONSULTANT:	ST - 01 & ST - 02
LEGEND:	UNO - UNLESS NOTED OTHERWISE C - INDICATES RCC COLUMN F - INDICATES ISOLATED FOOTING EF - INDICATES ECCENTRIC FOOTING P - INDICATES PILE PB - INDICATES PLINTH BEAM
ISSUED TO:	NO DATE BY
ISSUE DETAILS:	

CONSULTANTS:
imprints
 401, T. T. STREET, 1ST FLOOR, 1ST CROSS, 1ST MAIN ROAD, BANGALORE - 560001
 TEL: 080-23464235

DESIGN AND CONSTRUCTION BY:
GOWRI INFRA ENGINEERS P.L. Ltd
 # 45, 5TH MAIN ROAD, 1ST CROSS, CHANDRA LAYOUT, VILVAPUR, BANGALORE - 560040

CLIENT:
The COMMISSIONER
KSDB, BANGALORE

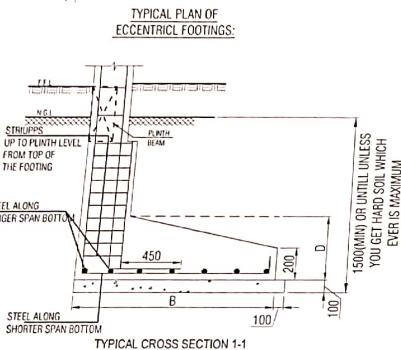
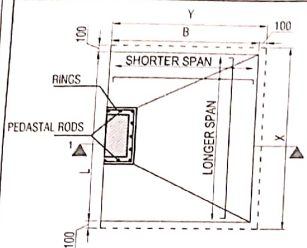
DRAWING TITLE:
PLINTH BEAM LAYOUT

PROJECT TITLE:
 CONSTRUCTION OF 1607 (GF & G+3) DUS INCLUDING INFRASTRUCTURE WORKS IN 6 SELECTED SLUMS OF GOVINDARAJANAGAR & VILVAPUR, BANGALORE UNDER PMAY-HFA (URBAN) SCHEME.

DRAWN :	CHANDRASEKHARA	DWG NO
DESIGNED :	VILVAPUR	ST-02
CHECKED :	VILVAPUR	
DATE :	30-08-2019	REV.
SCALE :	NTS	R0

JOB NO :
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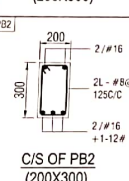
TECHNICAL DIRECTOR - 02
 KSDB, BANGALORE



FOOTING DETAILS:

FOOTING NAME	EXCAVATION SIZE		FOOTING SIZE			REINFORCEMENT	
	X	Y	L	B	D	REINFORCEMENT ALONG L	REINFORCEMENT ALONG B
EF1	2050	1450	1850	1350	450	#10@100C/C	#10@100C/C
EF2	1600	1600	1500	1500	500	#10@125C/C	#10@125C/C

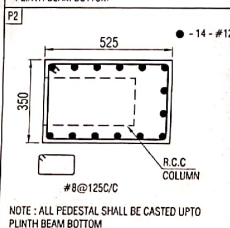
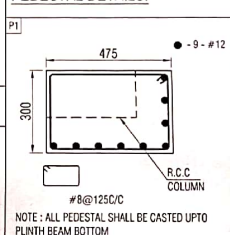
PLINTH BEAM DETAILS:



COLUMN DETAILS:

STRUUPS	#8@200C/C	
	● - 4/#16 + ○ - 2/#12	● - 6/#12
COLUMN STEEL		
COLUMN SIZE	200X375	200X375
FROM FOOTING TO TERRACE FLOOR LVL		
COLUMN	C1	C2

PEDASTAL DETAILS:



NOTE:

- DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY
- ALL DIMENSIONS ARE IN mm UNLESS ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONCERNED ENGINEER
- ALL LEVELS & PROFILES / DIMENSIONS / LOCATIONS ARE TO BE CHECKED WITH ARCHITECTURAL DWG.
- GRADE OF CONCRETE FOR:
 - FOOTINGS: M20
 - COLUMNS: M20
 - PLINTH BEAMS: M20
 - COVER: 40mm
 - FOOTINGS: 50mm
 - PLINTH BEAMS: 25mm
- GRADE OF STEEL IS FE400.
- SWC ASSUMED TO ISOM.
- LAPS TO BE STAGGERED.
- ANCHORAGES TO BE PROVIDED AS PER USUAL PRACTICE.
- FOOTING ARE DESIGNED FOR GF + 1 UPPER FLOOR ONLY (2 SLABS).
- THE STRUCTURE IS DESIGN AS PARTIALLY FRAME STRUCTURE & PARTIALLY LOAD BEARING.
- ADD 100mm ON EITHER SIDE OF FOOTING FOR EXCAVATION.

TYPE DESIGN - 10

ENGG REF: THIS DRG SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES DRG

CONST. REF: ST - 01 & ST - 02

LEGEND:
 UNO - UNLESS NOTED OTHERWISE
 C - INDICATES RCC COLUMN
 F - INDICATES ISOLATED FOOTING
 EF - INDICATES ECCENTRIC FOOTING
 P - INDICATES PEDASTAL
 PB - INDICATES PLINTH BEAM

ISSUED TO: NO. DATE BY

ISSUE DETAILS

CONSULTANTS:

imprints
 ARCHITECTURE - STRUCTURAL ENGINEERING
 #55, FIRST FLOOR, 8th CROSS,
 5th MAIN, MALLESHWARAM,
 BANGALORE - 560003
 e-mail: imprints_arch@yahoo.co.in
 TEL: 080-23464005

DESIGN AND CONSTRUCTION BY:

GOWRI INFRA ENGINEERS Pvt. Ltd
 #85, 8th MAIN, WIDIA LAYOUT,
 CHANDRA LAYOUT, VIJAYANAGAR,
 BANGALORE - 560040

CLIENT:

The COMMISSIONER
 KSDB, BANGALORE

DRAWING TITLE:

FOOTING, PLINTH BEAM
 AND COLUMN DETAILS

PROJECT TITLE:

CONSTRUCTION OF 1607 (GF + G+3)
 DUS INCLUDING INFRASTRUCTURE
 WORKS IN 6 SELECTED SLUMS OF
 GOVINDARAJANAGAR &
 VIJAYANAGARA, BANGALURU UNDER
 PMAY-HFA (URBAN) SCHEME.

EXECUTIVE ENGINEER

NO: 1, DIVISION,
 KSDB, BANGALORE

DRAWN: CHANDRASHEKARA

DESIGNED: VIJAYANAND

CHECKED: VIJAYANAND

DATE: 30-09-2019

SCALE: NTS

JOB NO:

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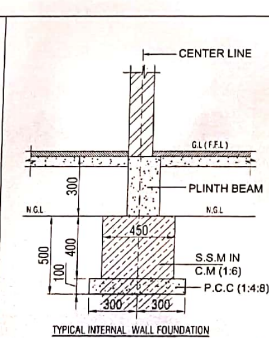
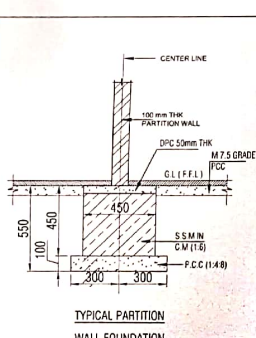
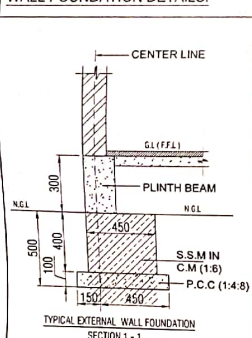
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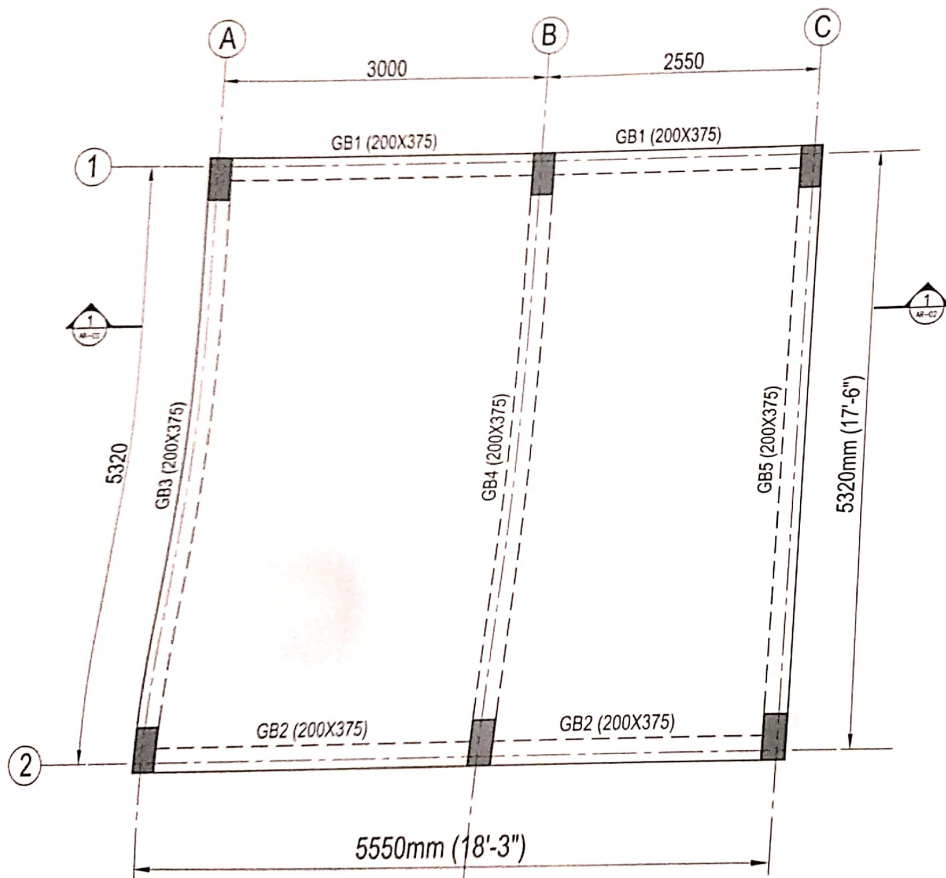
IMPRINTS STRUCTURAL CONSULTANT

TECHNICAL DIRECTOR - 02

KSDB, BANGALORE

WALL FOUNDATION DETAILS:





G.A OF SLAB & BEAMS @ GROUND FLOOR ROOF LVL

SLAB THICKNESS - 125mm UNTILL OTHER WISE SPECIFIED

- NOTE
1. DO NOT SCALE THE DRAWING FOLLOW THE SHOWN DIMENSIONS ONLY.
 2. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN M.
 3. UNLESS NOTED OTHERWISE.
 4. ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONSULTANT ENGINEER.
 5. GRADE OF CONCRETE FOR:
 - COLUMNS: M25
 - ROOF SLAB: M20
 - ROOF BEAMS: M25
 6. COVER:
 - COLUMNS: 40mm
 - ROOF SLAB: 15 & 20mm
 - ROOF BEAMS: 30mm
 7. IF REPRESENTS MID BARS OF GRADE F450.
 8. LAPS TO BE STAGGERED.
 9. LAP LENGTH SHALL BE 60 TIMES THE DIA OF THE BAR MINIMUM LENGTH SHALL BE 300mm.
 10. AVOID LAP IN BEAMS AT:
 - A) BOTTOM MAIN BARS AT MIDSPAN
 - B) TOP MAIN BARS AT SUPPORT
 11. PROVIDE SPOILER RODS WHERE EVER REQUIRED.
 12. ALL BEAMS ARE ZONED (ING).
 13. READ THIS DRAWING ALONG WITH ARCHITECTURAL DRAWING.
 14. PROVIDE DISTRIBUTION STEEL @ 200 C/C WHEREVER NECESSARY.
 15. LEAVE DOWELS AS PER ARCHITECTURAL ELEVATION TREATMENT.

TYPE DESIGN - 10

ENGG. REF: THIS DRG SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES DRG.

CONST. REF: ST - 05 & ST - 06

LEGEND:

- UND: UNLESS NOTED OTHERWISE
- GE: INDICATES GROUND FLOOR
- ROOF BEAM: ROOF BEAM
- TOP REINFORCEMENT: TOP REINFORCEMENT
- BOTTOM REINFORCEMENT: BOTTOM REINFORCEMENT

ISSUED TO: NO. DATE BY

ISSUE DETAILS

CONSULTANTS: **imprints**
ARCHITECTURAL, STRUCTURAL, ENGINEERING

DESIGN AND CONSTRUCTION BY: **GOWRI INFRA ENGINEERS Pvt. Ltd**
#55, 1ST FLOOR, 8th CROSS, 5th MAIN, MALLASHWARAM, BANGALORE - 560003
TEL: 080-2464005

ASSISTANT EXECUTIVE ENGINEER
NO. 1, SUB-DIVISION, KSDB, BANGALORE.

CLIENT: **The COMMISSIONER**
KSDB, BANGALORE

EXECUTIVE ENGINEER
NO. 1, DIVISION, KSDB, BANGALORE

DRAWING TITLE: **G.A OF SLAB & BEAMS @ GROUND FLOOR ROOF LVL**

PROJECT TITLE: **CONSTRUCTION OF 1607 (GF & G+3) DUS INCLUDING INFRASTRUCTURE WORKS IN 6 SELECTED SLUMS OF GOVINDARAJANAGAR & VIJAYANAGARA, BANGALURU UNDER PMAY-HFA (URBAN) SCHEME.**

DRAWN: CHANDRASHEKARA DWG. NO.

DESIGNED: VIJAYANAND ST-04

CHECKED: VIJAYANAND

DATE: 30-08-2019 REV. R0

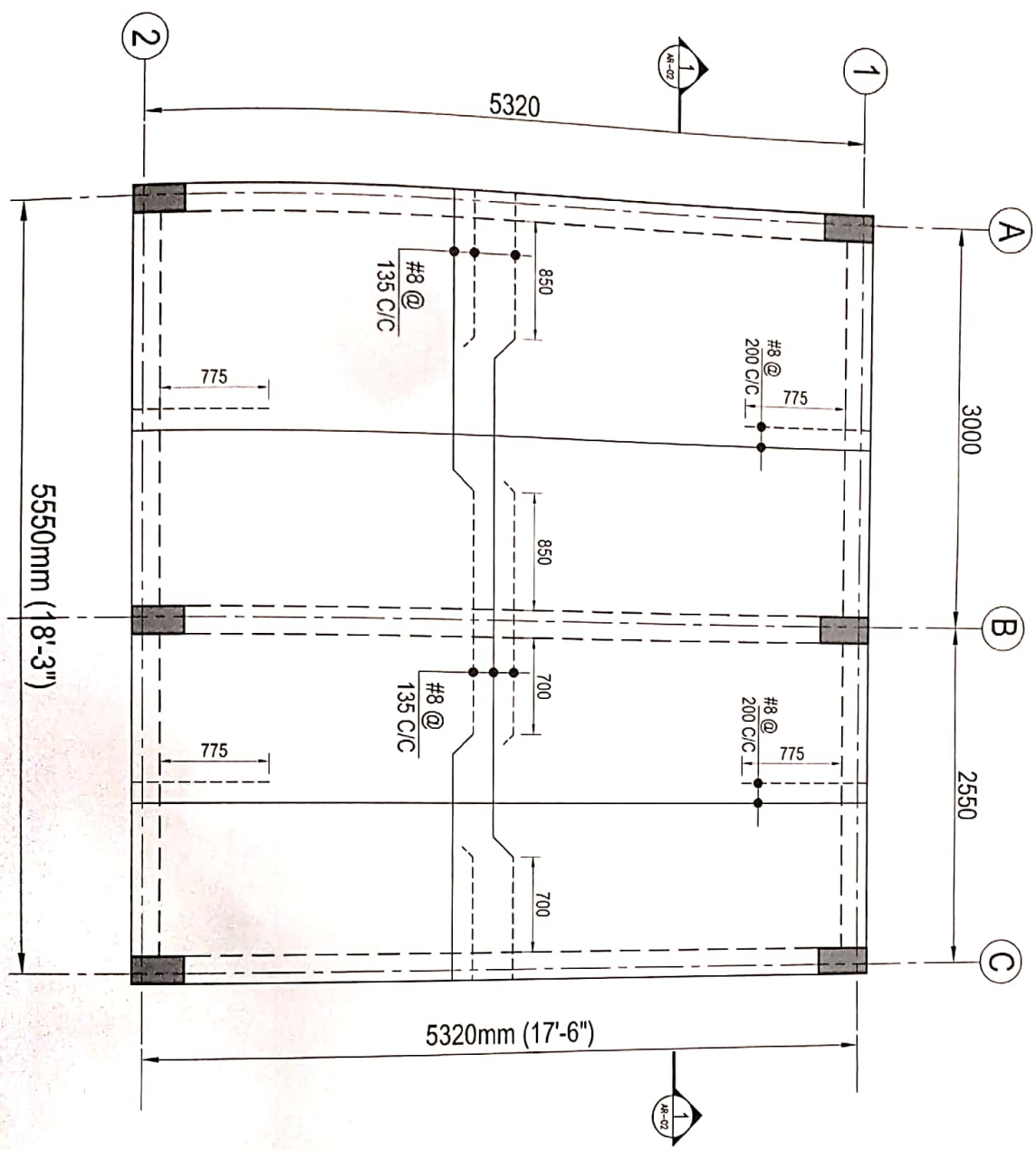
SCALE: NTS

JOB NO:

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TECHNICAL DIRECTOR - 02
KSDB, BANGALORE

SLAB REINFORCEMENT DETAILS @ GROUND FLOOR ROOF LVL



- NOTE :**
1. IS NOT SCALE THE DRAWING FOLLOW THE DIMENSIONS GIVEN IN THE DRAWING ONLY.
 2. ALL DIMENSIONS ARE IN METERS & LEVELS ARE IN M.
 3. ANY CHANGES SHOULD BE REPORTED TO THE ARCHITECTURAL ENGINEER.
 4. COLLARS : 100
 5. ROOF BEAM : 100
 6. COLLARS : 100
 7. ROOF BEAM : 100
 8. LAPS SHOULD BE STAGGERED
 9. LAPS SHOULD BE 50 TIMES THE DIA OF THE BAR MINIMUM LENGTH
 10. AVOID LAP IN BEAMS AT
 11. A) BOTTOM MAIN BARS AT MIDSPAN
 12. B) TOP MAIN BARS AT SUPPORT
 13. PROVIDE SPOKE RODS WHERE EVER REQUIRED
 14. ALL BEAMS ARE 200x450 UNO.
 15. READ THIS DRAWING ALONG WITH ARCHITECTURAL DRAWING.
 16. PROVIDE DISTRIBUTION STEEL #8 - 200 C/C
 17. WHEREVER NECESSARY.
 18. LEAVE DIMENSIONS AS PER ARCHITECTURAL ELEVATION DRAWING.

TYPE DESIGN - 10

ENGR REF :
THIS DRG SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES DRG

CONS. REF. :
ST - 04 & ST - 06

LEGEND :
UNO - UNLESS NOTED OTHERWISE
GB - INDICATES GROUND FLOOR
ROOF BEAM
TOP REINFORCEMENT
BOTTOM REINFORCEMENT

ISSUED TO	NO	DATE	BY

CONSULTANTS :

imprints
ARCHITECT-STRUCTURAL ENGINEERING
55, FIRST FLOOR, 8th CROSS
5th MAIN, WALLESHWARA
BANGALORE - 560023
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TEL: 096-23464205

DESIGN AND CONSTRUCTION BY :

GOWRI INFRA ENGINEERS PVT. LTD
55, 8th MAIN, WALLESHWARA,
CHANDRA LAYOUT, VILVANAAGAR,
BANGALORE - 560040

CLIENT :

The COMMISSIONER
KSDB, BANGALORE

DRAWING TITLE :

SLAB REINFORCEMENT
DETAIL @ GROUND FLOOR
ROOF LVL

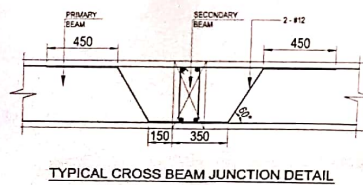
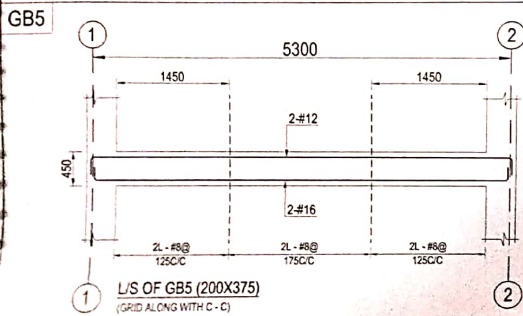
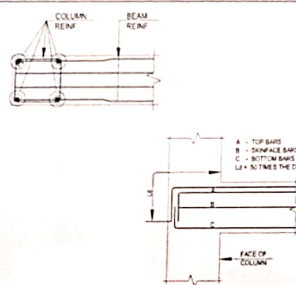
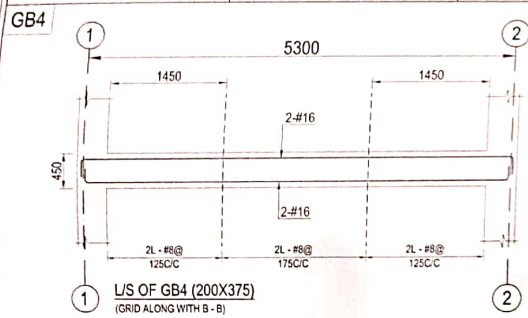
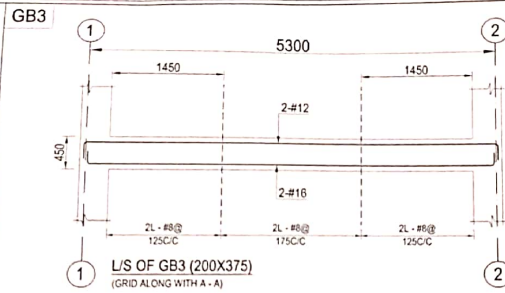
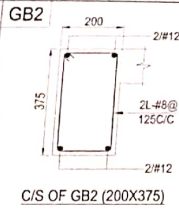
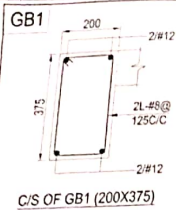
PROJECT TITLE :

CONSTRUCTION OF 1607 (G & G+3)
DUS INCLUDING INFRASTRUCTURE
WORKS IN 6 SELECTED SLIMS OF
GOVINDARAJANAGAR &
VILVANAAGARA, BENGALURU UNDER
PMA-Y-HFA (URBAN) SCHEME.

DRAWN :	CHANDRASEKHARA	DWG NO	
DESIGNED :	VILVANAAGAR	ST-05	
CHECKED :	VILVANAAGAR	REV.	
DATE :	30-08-2019	RD	
SCALE :	1:1	NO	

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE

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STRUCTURAL CONSULTANT AND NO PART OF THE
DRAWING MAY BE REPRODUCED OR IN ANY MANNER
WHICH EVER WITHOUT THE PERMISSION FROM
IMPRINTS STRUCTURAL CONSULTANT



- NOTE
- DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY.
 - ALL DIMENSIONS ARE IN MM & LEVELS ARE IN R.
 - UNLESS NOTED OTHERWISE ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONCERNED ENGINEER.
 - GRADE OF CONCRETE FOR:
 - COLUMN: M30
 - ROOF SLAB: M20
 - COVER: 40mm
 - COLUMNS: 15 N/20mm
 - ROOF BEAMS: 20mm
 - "R" REPRESENTS HYSD RINGS OF GRADE: Fe 500
 - LAPS TO BE STAGGERED
 - LAP LENGTH SHALL BE 50 TIMES THE DIA OF THE BAR MINIMUM LENGTH SHALL BE 300mm
 - AVOID LAP IN BEAMS AT:
 - A) BOTTOM MAIN BARS AT MIDSPAN
 - B) TOP MAIN BARS AT SUPPORT
 - PROVIDE SPACER RODS WHERE EVER REQUIRED
 - ALL BEAMS ARE GRADUALLY UNO
 - READ THIS DRAWING ALONG WITH ARCHITECTURAL DRAWING
 - PROVIDE DISTRIBUTION STEEL @ 200 C/C WHEREVER NECESSARY
 - LEAVE DOWELS AS PER ARCHITECTURAL ELEVATION TREATMENT

TYPE DESIGN - 10

ENG'D REF: THIS DRG SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES DRG

CONST. REF: ST - 04 & ST-05

LEGEND:

UNO - UNLESS NOTED OTHERWISE

GB - INDICATES GROUND FLOOR

ROOF BEAM

ISSUED TO: NO. DATE BY

ISSUE DETAILS

CONSULTANTS

imprints

ARCHITECTURE, STRUCTURAL ENGINEERING

855, 1803 FLOOR, 8th CROSS

5th MAIN, MALLESHWARAM

BANGALORE - 560 003

PH: 081-2544444, 2544445

TEL: 080-2344400

DESIGN AND CONSTRUCTION BY

GOWRI INFRA ENGINEERS PVT. LTD.

#85, 8th MAIN, VIDYA LAYOUT,

CHANDRA LAYOUT, VIJAYANAGAR,

BANGALORE - 560040

CLIENT:

The COMMISSIONER

KSDB, BANGALORE

DRAWING TITLE:

L/S & C/S OF

GROUND FLOOR ROOF LVL

PROJECT TITLE:

CONSTRUCTION OF 1607 (GF & G+3)

DUS INCLUDING INFRASTRUCTURE

WORKS IN 6 SELECTED SLUMS OF

GOVINDARAJANAGAR &

VIJAYANAGARA, BANGALURU UNDER

PMAY-HEA (URBAN) SCHEME.

DRAWN: CHANDRASEKHARA DWG NO.

DESIGNED: VIJAYANAND ST-06

CHECKED: VIJAYANAND

DATE: 30-08-2019 REV

SCALE: NTS RD

JOB NO:

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STRUCTURAL CONSULTANTS NO PART OF THE

DRAWING MAY BE REPRODUCED IN ANY MANNER

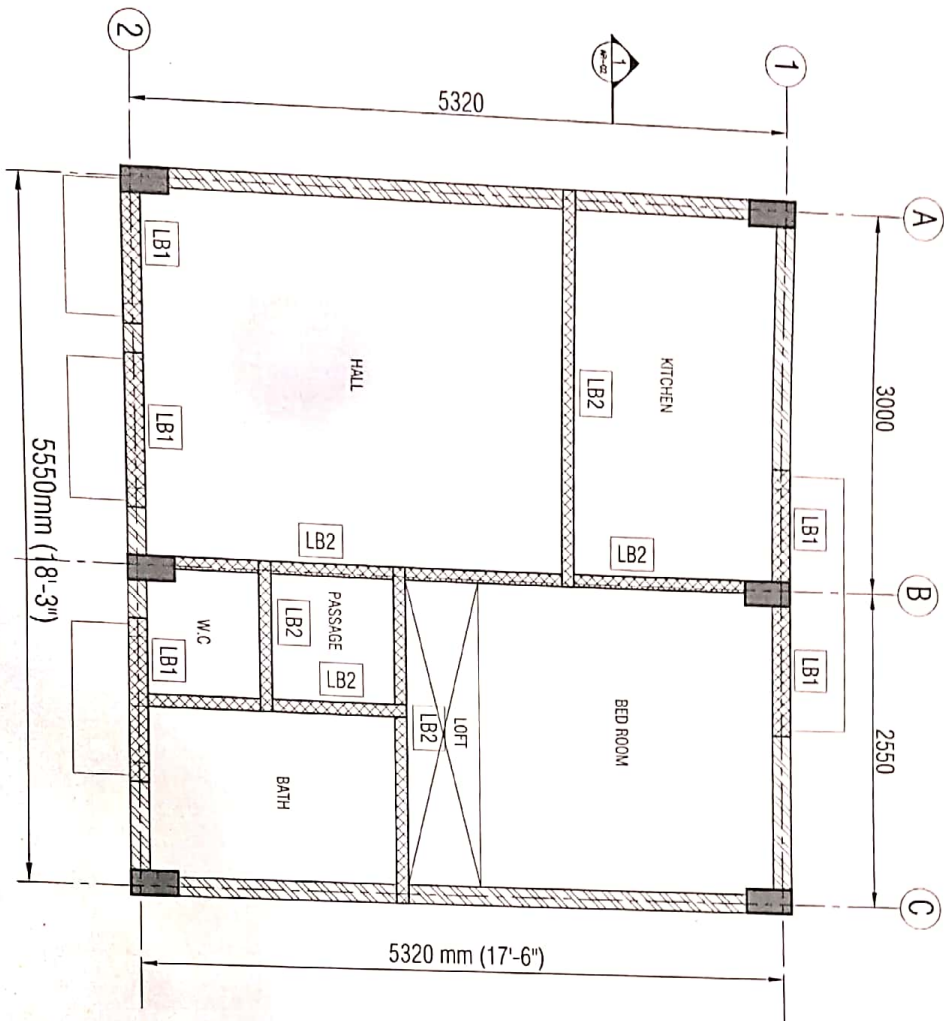
WITHOUT PERMISSION FROM

IMPRINTS STRUCTURAL CONSULTANTS

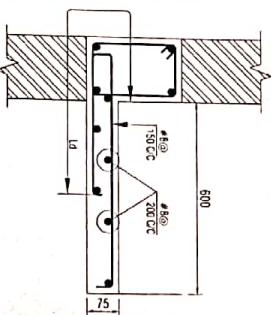
EXECUTIVE ENGINEER
NO. 1, SUB-DIVISION,
KSDB, BANGALORE

TECHNICAL DIRECTOR - 02
KSDB, BANGALORE

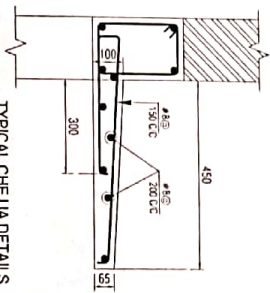
GROUND FLOOR LINTEL BEAM LAYOUT PLAN



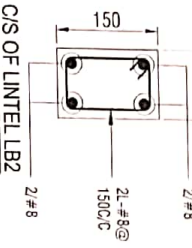
TYPICAL LOFT SLAB DETAILS



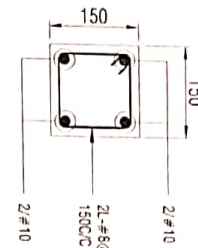
TYPICAL CHELUA DETAILS



C/S OF LINTEL LB2 (ABOVE PARTITION WALL)



C/S OF LINTEL LB1



- PLEASE NOTE:**
01. TAKE MINIMUM OF 150mm BEARING ON EITHER SIDE OF THE OPENING FOR CUT LINTELS.
 02. TAKE MINIMUM OF 100mm BEARING ON EITHER SIDE OF THE OPENING FOR OUTSIDE CHELUA'S.

- NOTE:**
01. DO NOT SCALE THE DRAWING FOLLOW THE WRITTEN DIMENSIONS ONLY.
 02. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 03. ANY CHANGES SHOULD BE BROUGHT TO THE NOTICE OF THE CONCERNED ENGINEER.
 04. ALL LEVELS / PROFILES / DIMENSIONS / LOCATIONS ARE TO BE CHECKED WITH ARCHITECTURAL DWG.
 05. GRADE OF CONCRETE FOR COLUMNS : M20
 06. GRADE OF CONCRETE FOR ROOF SLABS : M20
 07. COVER : 40mm
 08. COLUMNS : 15 to 20mm
 09. LINTEL BEAMS : 30mm
 10. LAPS TO BE STAGGERED
 11. PROVIDE AS PER USUAL PRACTICE
 12. PROVIDE SPACER RODS WHERE EVER REQUIRED
 13. PROVIDE DISTRIBUTION STEEL
 14. # 8 - 240 C/C UNDO
 15. LEAVE DOWELS AS PER ARCHITECTURAL ELEVATION TREATMENT.

TYPE DESIGN - 10

ENG. REF. :
THIS DRG. SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SERVICES DRG.

CONST. REF. :
A2-01

LEGEND :
UNO - UNLESS NOTED OTHERWISE

ISSUED TO	NO.	DATE	BY
ISSUE DETAILS			
DESCRIPTION	DATE	REV	

CONSULTANTS :
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ARCHITECTURAL & ENGINEERING
55, FIRST FLOOR, 4th CROSS,
5th MAIN, WALKERHALL,
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DESIGN AND CONSTRUCTION BY :
GOWRI INFRA ENGINEERS PVT. Ltd
85, 8th MAIN, MIDIA LAYOUT,
CHANDRBA LAYOUT, VIJAYANAGAR,
BANGALORE - 560040

CLIENT :
THE COMMISSIONER
KARNATAKA SLUM DEVELOPMENT
BOARD, BANGALORE.

DRAWING TITLE :
GROUND FLOOR LINTEL LAY-OUT &
DETAIL PLAN

PROJECT TITLE :
CONSTRUCTION OF 1607 (GF & G+3)
DUS INCLUDING INFRASTRUCTURE
WORKS IN 6 SELECTED SLUMS OF
GOVINDARAJANAGAR &
VIJAYANAGARA, BENGALURU
UNDER PMAY-HFA (URBAN)
SCHEME.

EXECUTIVE ENGINEER
NO. 1, DIVISION,
KSOB, BANGALORE

TECHNICAL DIRECTOR - 02
KSOB, BANGALORE

DRAWN :	CHANDRASEKHARA
CHECKED :	VIJAYANAND
APPROVED :	VIJAYANAND
DATE :	30-03-2018
SCALE :	1:1 N.T.S
DWGNO :	ST-07
REV :	NO