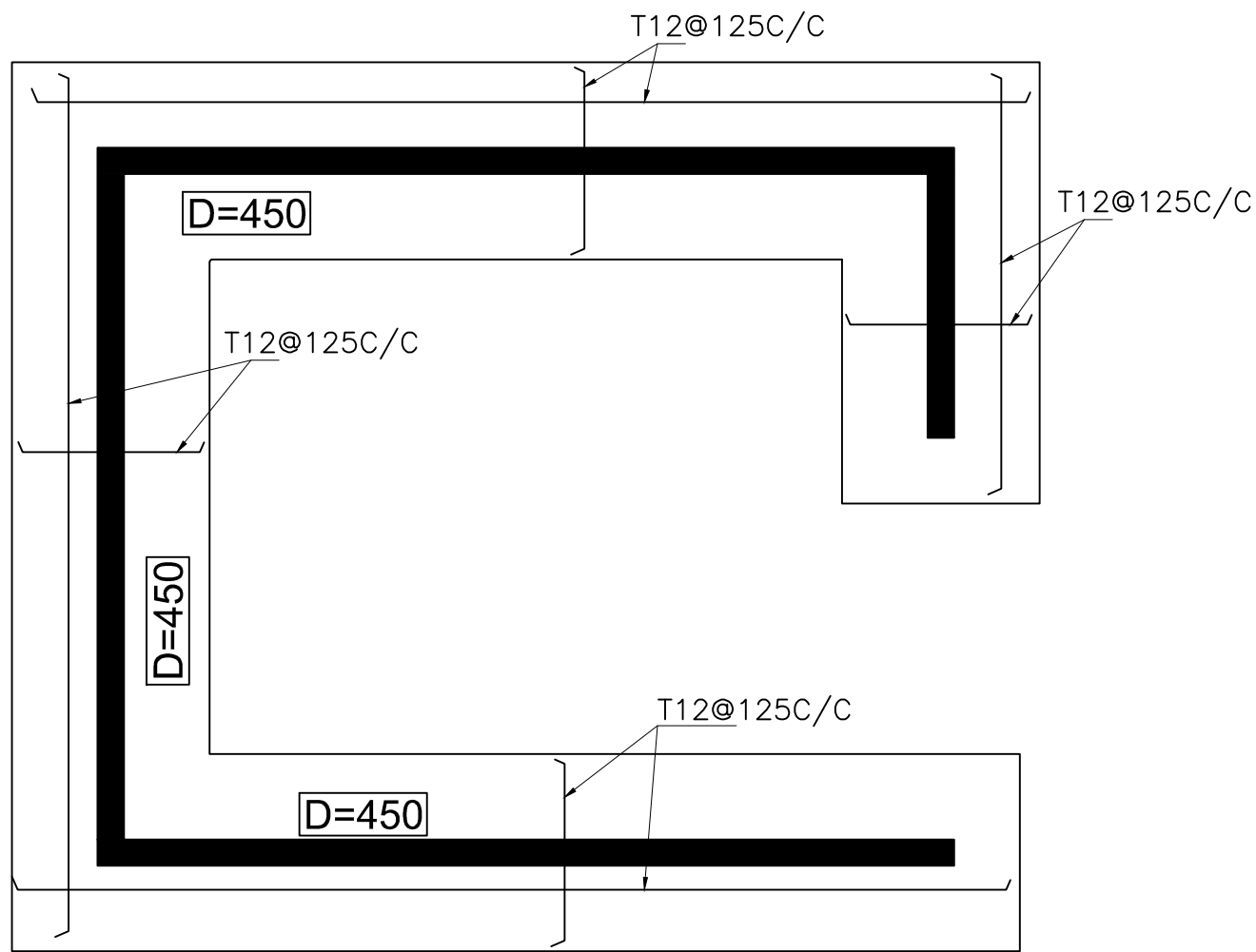
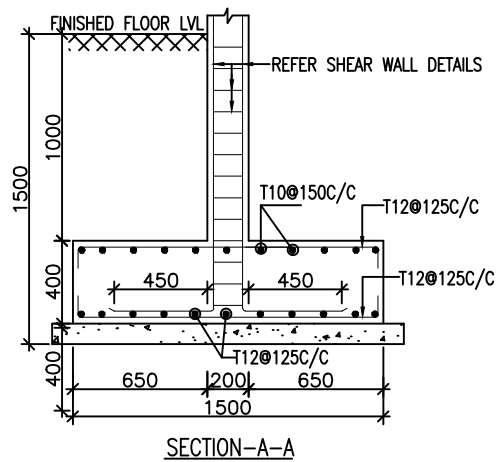
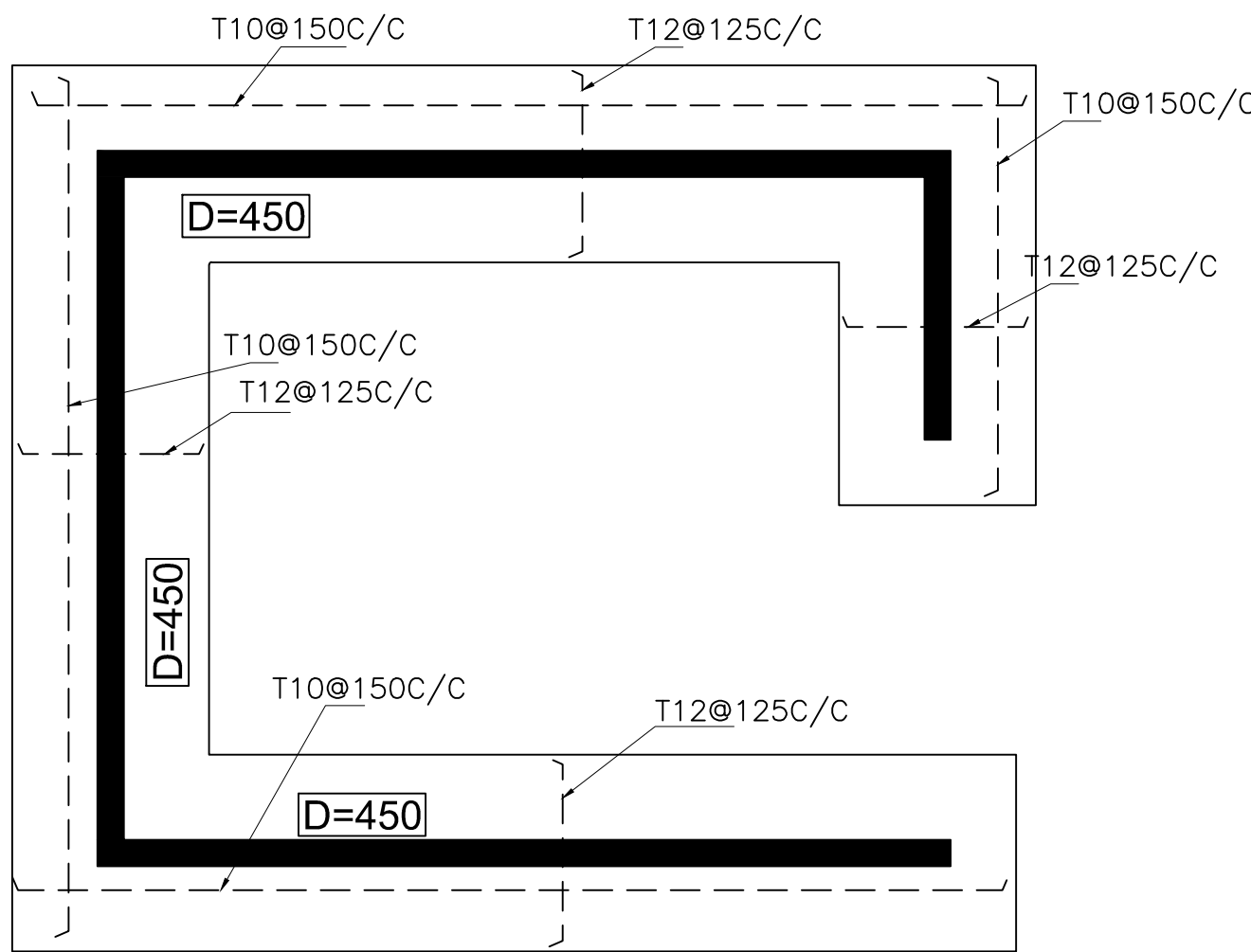


SHEAR WALL DETAILS

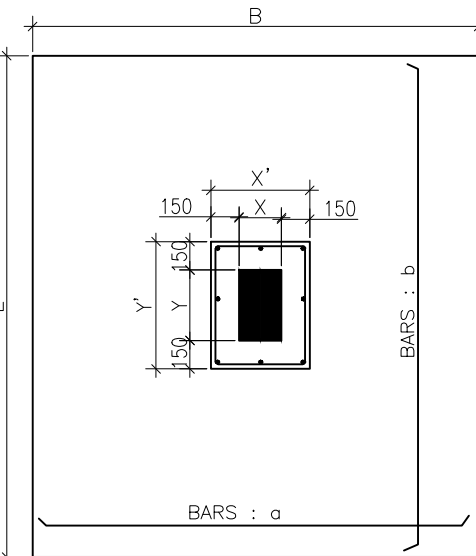
PEDESTAL DETAILS			
COLUMN SIZE: 300 DIA	COLUMN SIZE: 200X380	COLUMN SIZE: 200X450	COLUMN SIZE: 200X600
PEDESTAL SIZE: 600X600	PEDESTAL SIZE: 500X680	PEDESTAL SIZE: 500X750	PEDESTAL SIZE: 500X900
● 8-T12 T8@250C/C	● 8-T12 T8@250C/C	● 8-T12 T8@250C/C	● 10-T12 T8@250C/C



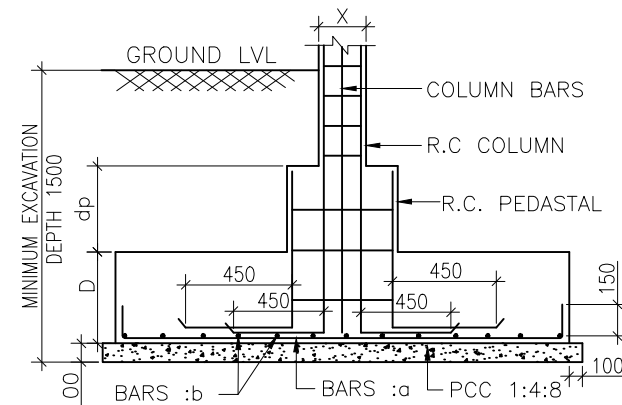
**RAFT - 1
BOTTOM MAT DETAILS**



**RAFT - 1
TOP MAT DETAILS**



TYPICAL OF R.C. FOOTING



TYPICAL OF SECTION

- GENERAL NOTES**
- PLEASE DO NOT SCALE OUT THIS DRAWING FOLLOW ONLY FIGURED DIMENSIONS.
 - THIS BUILDING IS DESIGNED FOR GROUND FLOOR + HEAD ROOM.
 - THIS DRAWING IS PREPARED BASED ON DRAWINGS PROVIDED BY KHB.
 - IN CASE OF ANY DOUBTS YOU ARE LIBERTY TO CONTACT TO GIRISH M SWAMY CONSULTANTS.
 - DISCREPANCIES, IF ANY IN THIS DRAWING SHOULD BE BROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER WELL IN ADVANCE, BEFORE EXECUTION OF THE WORK.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL, ELECTRICAL, PLUMBING DRAWINGS.
 - CONCRETE MIX FOR R.C.C WORKS
A) FOUNDATIONS, PLINTH BEAMS M 20
B) COLUMNS M 20
C) BEAMS M 20
D) R.C.C SLAB M 20
 - T INDICATES HIGH STRENGTH DEFORMED BARS (FE 500) STRICTLY CONFORMING TO SPECIFICATIONS IN IS:1786-2008.
 - LAPS SHOULD BE STAGGERED & SHOULD NOT BE MORE THAN 500 AT ANY LOCATION.
 10. CLEAR COVERS FOR
A) FOOTINGS 50 MM B) COLUMNS 40 MM
C) BEAMS 25 MM D) R.C.C SLAB 20 MM
 - LAP LENGTHS FOR
COLUMNS 45 X DIA OF BARS
BEAMS & SLABS 35 X DIA OF BARS.
 - LAP SHOULD BE AVOIDED IN TENSION ZONES.
 - THE FOUNDATION DESIGNER HAS CONSIDERED S.B.C OF SOIL AS 17T/30.4M
 - ANY VARIATIONS IN THE VALUE OF S.B.C IS NOTICED DURING EXCAVATION, THE SAME SHOULD BE BROUGHT TO THE NOTICE OF THE STRUCTURAL ENGINEER BEFORE EXECUTION OF THE WORK.
 - THE BOTTOM LEVELS OF FOOTINGS SHOULD BE AS PER IS 1904-1986.
 - THE BUILDING IS DESIGNED AS PER RELEVANT IS CODES.
 - THE MATERIAL SPECIFICATION SHOULD BE CONFORMING TO IS CODES.
 - PRECAUTION TO BE TAKEN WHILE EXECUTING WORK ON SITE FOR SAFETY.
 - LAPPING OF BARS IN COLUMNS SHOULD BE AVOIDED AT BEAM, COLUMN JOINTS. LAP SHOULD BE STAGGERED BY MINIMUM 1.5M BETWEEN ADJACENT LAPS.
 - WHERE EVER CONCRETE IS LAYED IN TWO STAGES I.E IF THE INTERVAL IS MORE THAN A DAY THE SURFACE OF THE JOINT SHOULD BE WASHED & SUITABLE BONDING MATERIAL TO BE APPLIED.
 - THE BUILDING IS DESIGNED FOR SEISMIC FORCE (ZONE-2)

NO.	DATE	REVISION	BY
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CLIENT: KARNATAKA HOUSING BOARD

EXECUTION ASSISTANCE:

Building communities
KARNATAKA HOUSING BOARD
CAUVERY BHAVAN, K.G. ROAD
BANGALORE- 560 009,INDIA

SEAL / STAMP

FOR APPROVAL	
DESIGN	DATE : 14.11.2017
CHECKED	

PROJECT TITLE
PROPOSED CONSTRUCTION OF VETERINARY
POLYCLINIC AT RAICHUR DISTRICT

DRAWING TITLE	DATE	27.12.2016
FOOTING DETAILS	CHD	GIRISH M
	DEALT	ABHILASH
	DRAWN	SHRUTHI
	SCALE:	REV NO:
	NTS	R0
JOB NO	DWG NO	ORIENTATION
GMSC99 17-18	S.2.3	

STRUCTURAL DRAWING

ARCHITECTURAL AND ENGINEERING CONSULTANTS
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Consulting Structural Engineers
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Tele: 080- 41682627 Tele/ Fax: 08041682624

PROOF CHECKING CONSULTANTS

CONTRACTOR AE / JE, KHB SUB DIVISION, RAICHUR

AEE, KHB, SUB DIVISION, RAICHUR **EE, KHB DIVISION, BELLARY**

EE (H.O), KHB, BANGALORE **SE, KHB, BANGALORE**

CHIEF ENGINEER, KHB, BANGALORE

SCHEDULE OF R.C.C ISOLATED FOOTINGS 170 kN/Sqm												
FOOTING TYPES	COLUMN NUMBER	COLUMN SIZE		FOOTING SIZE		FOOTING DEPTH 'd'	PEDESTAL SIZE		PEDESTAL DEPT(dp)	GRADE OF CONCRETE	FOOTING REINFORCEMENT	
		'X'	'Y'	'B'	'L'		'X'	'Y'			'a' BARS	'b' BARS
F1	C18, C27, C31, C32, C48, C52, C53, C54.	300ø		1200	1200	300	600	600	350	M20	T10@200C/C	T10@200C/C
F2	C43, C49, C50, C51.	300ø		1800	1800	300	600	600	350	M20	T10@200C/C	T10@200C/C
F3	C1, C2, C3, C8, C9, C10, C15, C19, C23, C26, C28, C30, C36, C37, C44, C45, C46, C47.	200	380	1700	1900	300	500	680	350	M20	T10@200C/C	T10@200C/C
F4	C16, C17.	200	380	2000	2200	400	500	680	300	M20	T10@175C/C	T10@175C/C
F5	C4, C5, C6, C7, C11, C12, C14, C20, C21, C22, C24, C25, C29, C38.	200	450	2000	2250	400	500	750	400	M20	T10@175C/C	T10@175C/C
F6	C13, C33, C34, C35, C42.	200	600	2000	2400	400	500	900	400	M20	T10@150C/C	T10@150C/C
F7	C39, C40, C41.	200	750	2200	2750	450	500	1050	350	M20	T10@150C/C	T10@150C/C