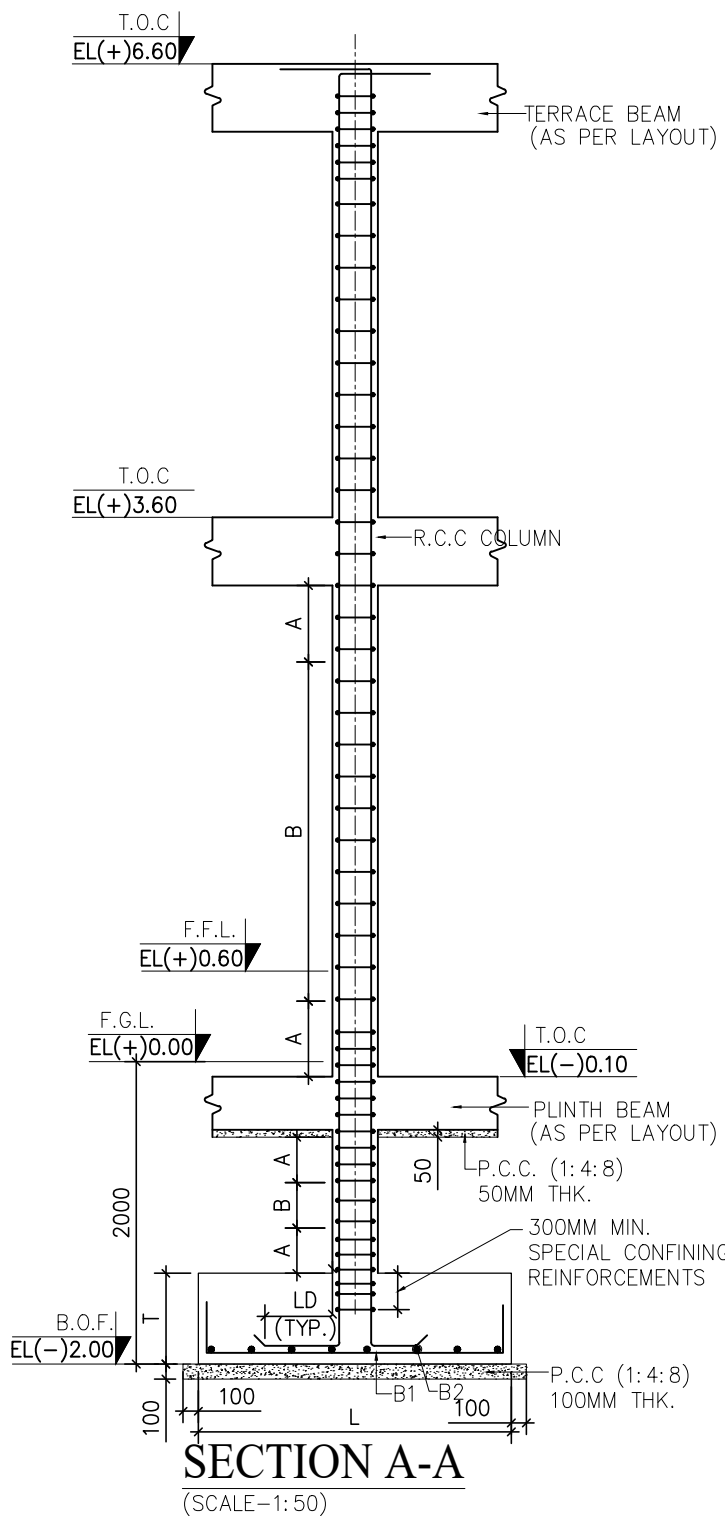
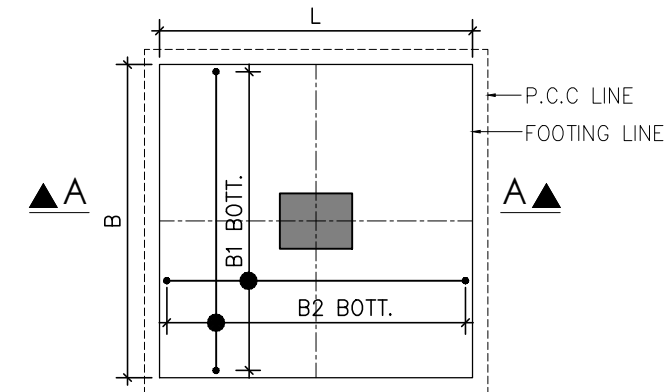


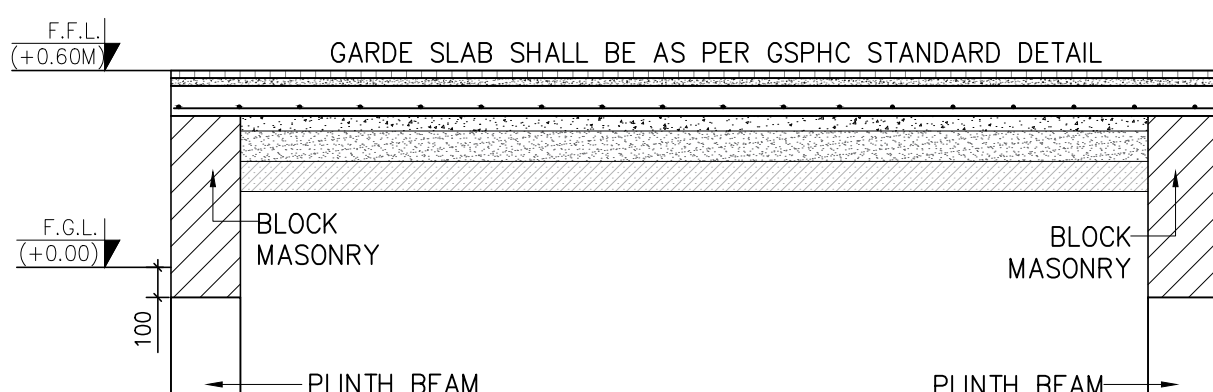
FOUNDATION LAYOUT PLAN  
(SCALE: -1:100)



SECTION A-A  
(SCALE: -1:50)



PLAN OF FOOTING  
(SCALE: -1:50)



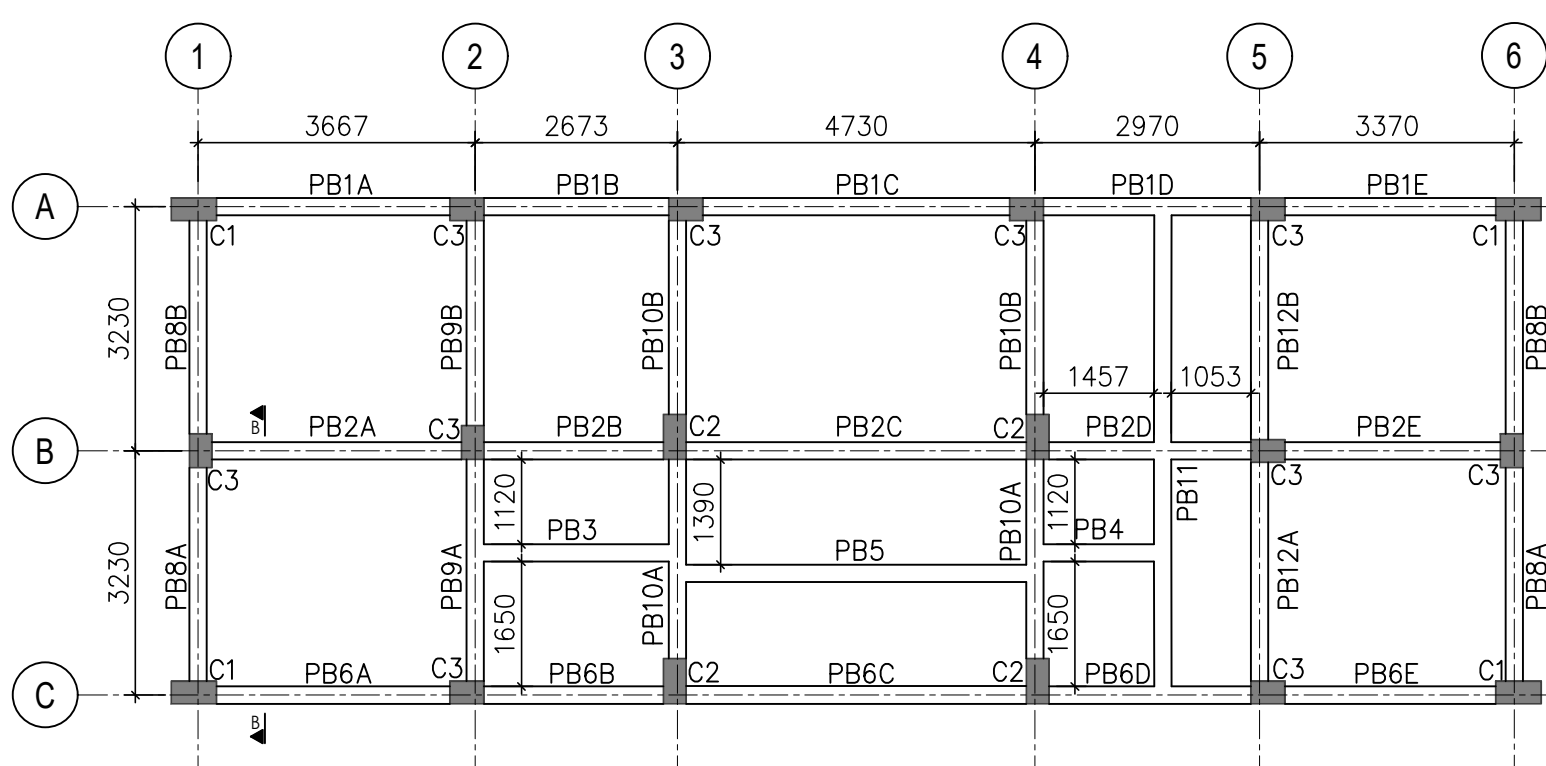
SECTION B-B  
(SCALE: -1:25)

FROM FOUNDATION TO TERRACE LEVEL			
MAIN REIN.	•4-T16 + •6-T12	•6-T16 + •4-T12	10-T16
RINGS/LINK	(A*=300) T8@75 C/C	(A*=300) T8@75 C/C	(A*=300) T8@75 C/C
RINGS/LINK	T8@150 C/C	T8@150 C/C	T8@150 C/C
SIZE	300X600	300X600	300X450
COLUMN MARKS	C1	C2	C3

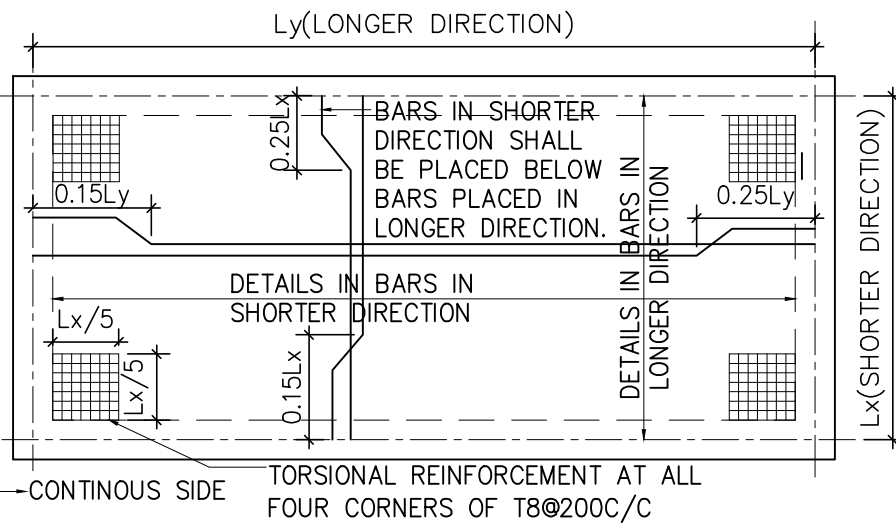
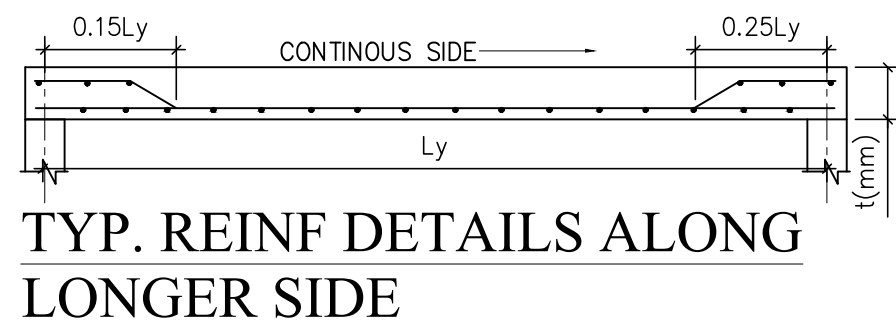
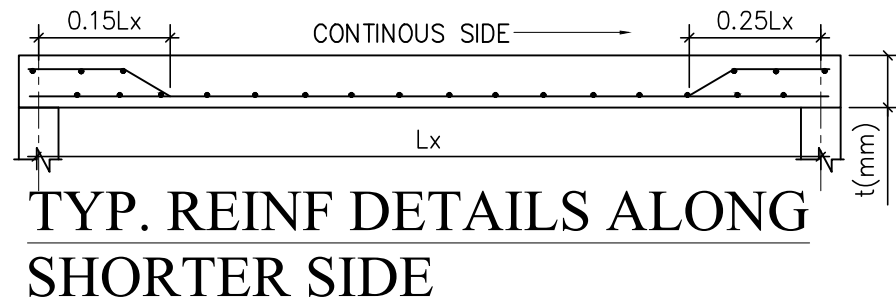
SCHEDULE OF COLUMN  
REINFORCEMENT  
(SCALE 1:25)

SCHEDULE OF FOOTING

FOOTING MKD.	P.C.C SIZE		FOOTING SIZE			BOTTOM REINFORCEMENT		COLUMN MARKED
	LENGTH(L)	WIDTH(B)	LENGTH (L)	WIDTH (B)	THICKNESS(T) (T)	B1	B2	
F1	1600	1850	1500	1750	400	T10@150	T10@150	C1,C2
F2	1600	1600	1500	1500	400	T10@150	T10@150	C3



PLINTH BEAM LAYOUT PLAN  
(SCALE: -1:100)



TYPICAL REINF. DETAIL OF  
TWO WAY SLAB  
N.T.S

- NOTES :-
- ALL DIMENSIONS ARE IN MILLIMETER, AND LEVELS ARE IN METER, UNLESS OTHERWISE MENTIONED.
  - NO DRAWING SHALL BE SCALED.
  - GRADE OF CONCRETE SHALL BE OF M25 FOR SUBSTRUCTURE (FOUNDATION, PLINTH BEAM AND COLUMN UPTO PLINTH BEAM) AND M25 FOR SUPERSTRUCTURE (ABOVE PLINTH LEVEL) CONFORMING TO IS 456 FOR ALL STRUCTURAL ELEMENTS EXCEPT GRADE SLAB, GRADE SLAB CONCRETE SHALL BE OF M20 CONFORMING TO IS 456.
  - ALL REINFORCEMENT BARS SHALL BE HIGH YIELD STRENGTH DEFORM BARS OF GRADE FE 500 CRS.
  - SAFE BEARING CAPACITY CONSIDERED AT 1.5M BELOW EXISTING GROUND LEVEL IS 200 KN/SQM ACCORDING TO GEOTECHNICAL INVESTIGATION REPORT.
  - SOIL STRATA AT BOTTOM OF FOUNDATION SHALL BE VERIFY BEFORE PLACEMENT, INCASE OF LOOSE MATERIAL ENCOUNTERED AT FOUNDATION LEVEL THAN FURTHER EXCAVATION SHALL BE CARRIED OUT AND FILLED WITH METAL SOILING. CLEAR COVER TO REINFORCEMENT ARE AS FOLLOW  
FOUNDATION 50MM  
COLUMN 40MM  
BEAM 25MM  
SLAB 25MM
  - LAP AND SPLICE TO REINFORCEMENT ARE AS PER LATEST INDIAN STANDARD IS 13920.
  - MASONRY WALLS SHALL BE OF BRICK WORK.

A	20.02.2024	ISSUED FOR CONSTRUCTION	GB	JS	JS	HM
REV.	DATE	DESCRIPTION	DRN.	CHK.	ENG.	APP.
CLIENT: GUJARAT STATE POLICE HOUSING CORPORATION LTD. GANDHINAGAR						
PROJECT: HOME GUARD OFFICE AT UNA DIST:-GIR SOMNATH.						
CONSULTANT: GOMA ENGINEERING & CONSULTANCY "GOMA HOUSE" F-88, TULSI ESTATE, OPP. TO BHAGYODAY HOTEL, SARKHEJ-BAYLA HIGHWAY, CHANGODAR, AHMEDABAD WWW.GOMAEI.IN GOMAEI@GOMAEI.IN						
DRG. TITLE: FOUNDATION, PLINTH BEAM LAYOUT & DETAILS OF HOME GUARD BHAVAN						
SCALE	SIZE	PROJECT NO.	DRAWING NO.	SHEET NO.	REV.	
1:100	A2	1230/24/1	1230-GEN-STR-01	01 OF 05	A	