

RETAINING BEAM DESIGN SCHEDULE							CONCRETE GRADE: M25
							STEEL GRADE : FE500
S.N.	BEAM NO	BEAM SIZE (IN MM)	BOTTOM BAR STRAIGHT	TOP BAR			STIRRUPS
				STRAIGHT	EXTRA BAR		
					LEFT	RIGHT	
1.	RB1	300X450	5/34ø o "Ö	5/34ø o "Ö			: o o "Ö" B 372"422e k e
2.	RB2	300X450	5/38ø o "Ö	5/38ø o "Ö			: o o "Ö" B 372"422e k e
3.	RB3	300X450	7/38ø o "Ö	7/38ø o "Ö			: o o "Ö" B 342"392e k e

slab schedule						
Type of slab	Thickness of slab	bottom reinforcement bars		Top reinforcement	Torsion bars at corners at ends where	
		Short Span	Long span		One side discontinuous	Two side discontinuous
S1	150mm	32o o 'Ó'B '372e k e	32o o 'Ó'B '3: 2e k e	bent alternate bottom bars of both span to top at supports from span L5 distance & extend same bar at top equals to span L4 length in each respective span	32o o 'Ó'B 522e k e	32o o 'Ó'B 3: 2e k e

Raft slab schedule				
Thickness of slab	Bottom bar	Extra bar (at bottom)	Top bar	Extra bar (at top)
225 mm thick	32o o "Ó" B 422e k e bothways	32o o "Ó" B 622e k e	32o o "Ó" B 447e k e" 4j q t v l r c p + : o o "Ó" B 447e k e" 4j q t v l r c p +	: o o "Ó" B 672e k e

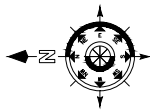
- NOTE:-**
- P.C.C Shall be of grade M10 (1:3:6) With Stone aggregates.
 - Grade of Steel Shall be Fe 500.
 - Grade of Concrete Shall be M25(1:1:2) for Rcc wall , Beams & Slabs.
 - The following minimum cover
* Slab (bottom)=40mm
* Slab(top)=25mm
* Beam=25mm
* Retaining wall=40mm (both face)
 - Minimum overlap=600mm

TITLE:-
PROPOSED:- STP DESIGN OF GRAND FORTE CITY

OWNER:-

REV.
STRUCTURE DETAIL OF
STP

NORTH:-



SCALE:-

NTS

DWG NO.:-

AC/AR/BR_F/15

NOTE:-
GOOD FOR CONSTRUCTION
AXIS CONSULTANTS, AGRA
Architect, Interior Designer, Project manager, Planner

SHOP NO.12 BLOCK NO.21SHOE MARKET
SANJAY PLACE,AGRA

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