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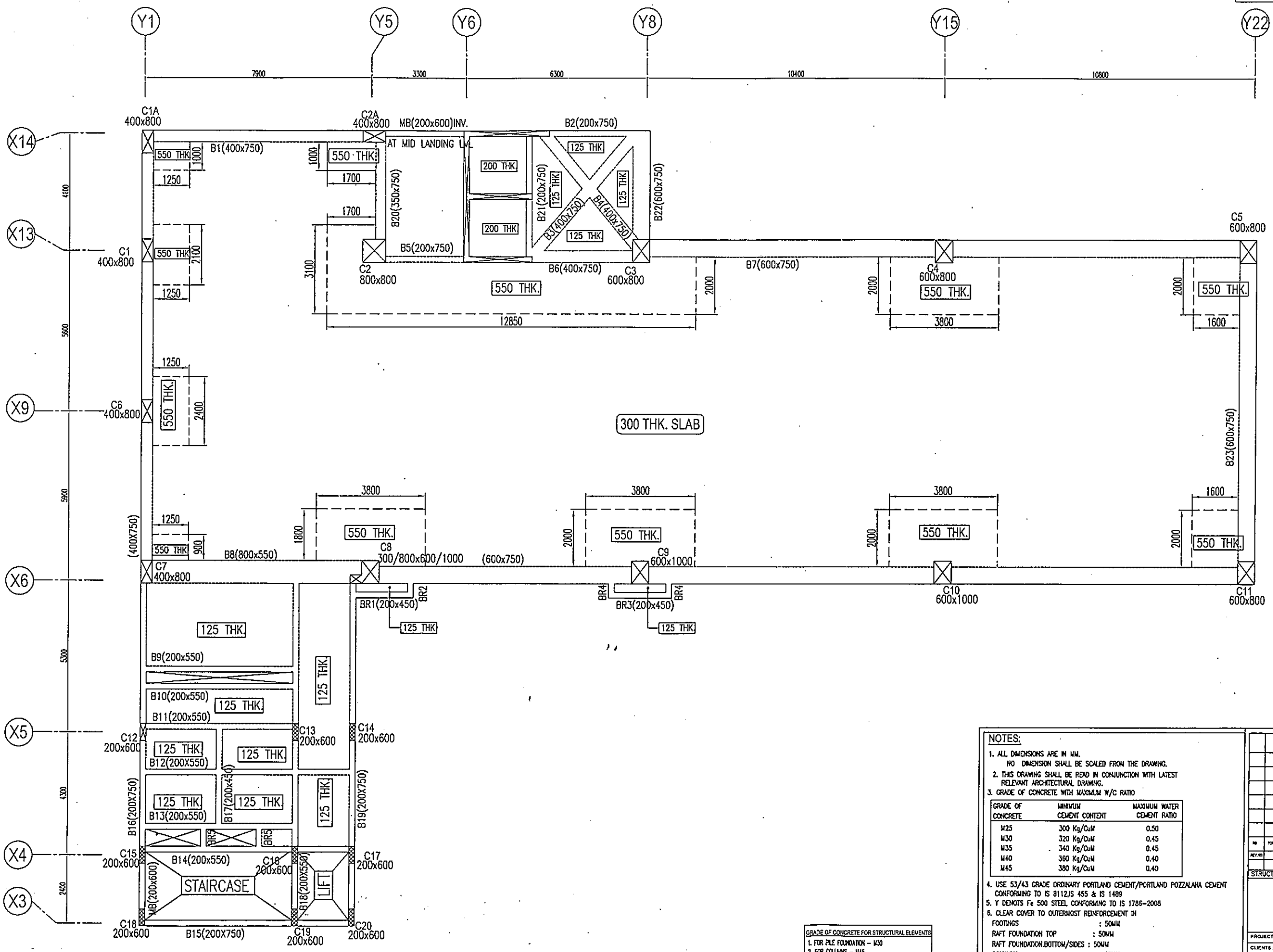
Official Property Record



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GENERAL ARRANGEMENT OF BEAMS AND SLABS AT TERRACE LEVEL

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPTIAL – M30
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & RCC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 20MM
STAIR CASE	: 20MM
RET.WALL	: 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES	: 50/50MM

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.

7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REVNO	DESCRIPTION	DESIGNED	DRAWN	DCKD	CHECKED	APPROVED
R0	FOR APPROVAL					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
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EMAIL : info@prcindia.co.in
FAX : 080-2270164

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	MJK		21-05-2013
DRWN	ALI		
DCKD	SLV		
CHKD	MJK		
APPD	MMP		

TITLE : TERRACE LEVEL LAYOUT

SCALE : NTS

DRAWING No. 014019 - PRC - NU - 050

SIZE A2 | REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☑ CONSTRUCTION

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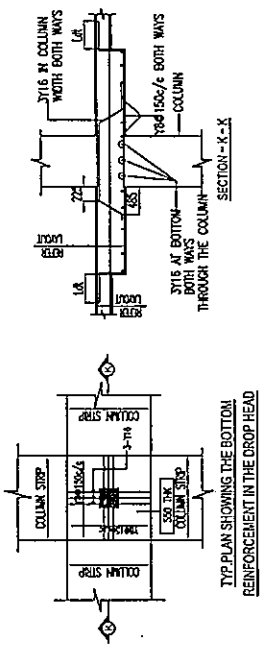
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SCHEDULE OF SLAB (TERRACE FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
			REINF. IN SHORTER SPAN (l1)	REINF. IN LONGER SPAN (l2)	REINF. IN SHORTER SPAN (l3)	REINF. IN LONGER SPAN (l4)
1	S1	125 MM	Y8@175c/c	Y8@200c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR R.C.C RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CAPITAL - M30
8. FOR STAIRCASE - M30
9. FOR STP & SUMP TANK WALL - M30
10. FOR P.C.C - M10



NOTES:
1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE S3/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

NO	DESCRIPTION	DESIGNED	DRAWN	DCAT	CHECKED	APPROVED
REVNO	FOR APPROVAL					

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Pvt India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

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FAX : 080-2277164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

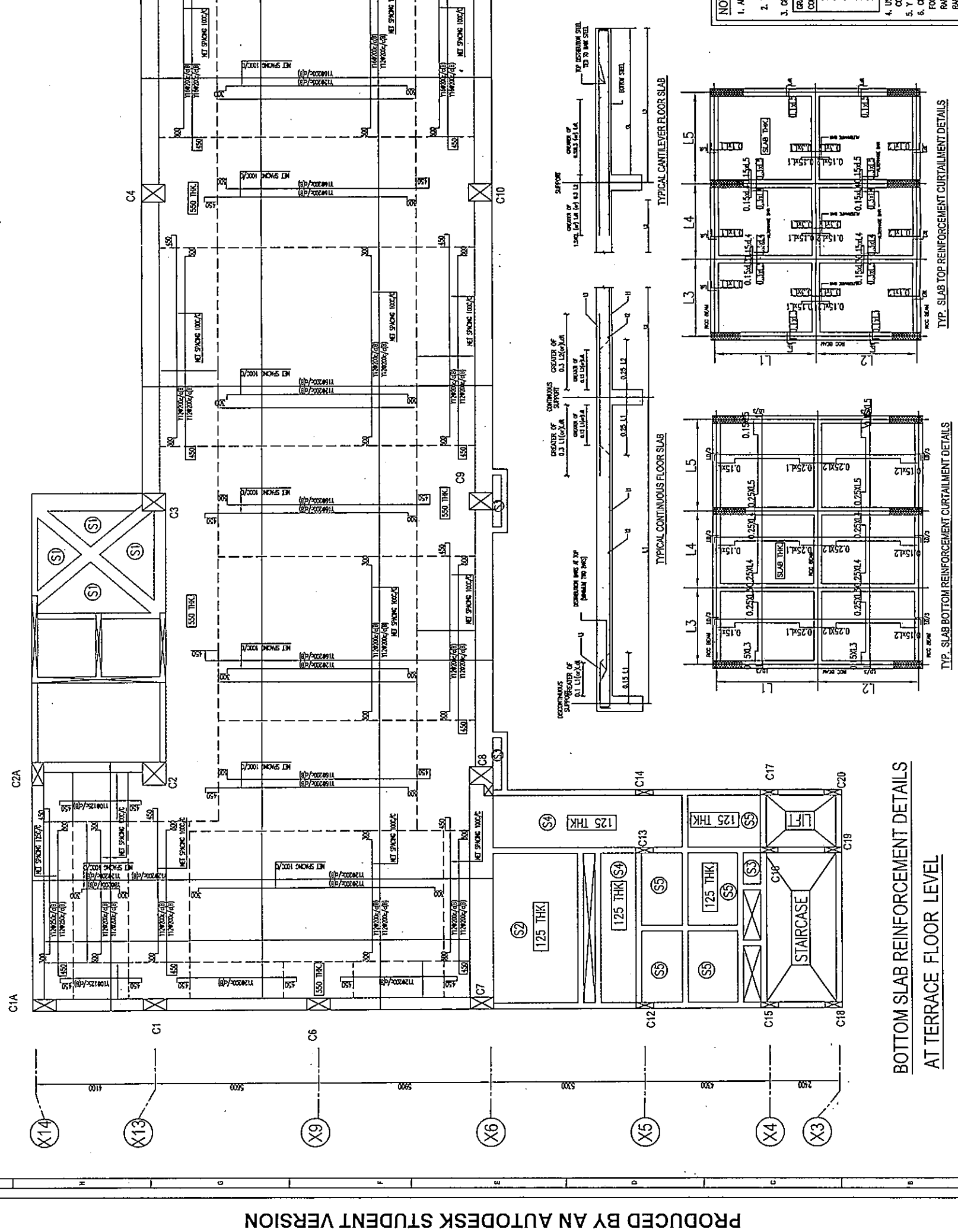
	NAME	SIGN	DATE
DSGN	NSK		31-01-2011
DRWN	BHUPPA		
DCAT	S.V		
CHKD	NSK		
APPD	JOSEP		

TITLE : TERRACE FLOOR LEVEL BOTTOM SLAB REINF. DETAILS

DRAWING No. 014019 - PRC - NU - 051

PROJECTION: THIRD ANGLE | SECTION BOARDER WARNING | DRAWING SIZE: A2 | REV: R0

RELEASED FOR: ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION



NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

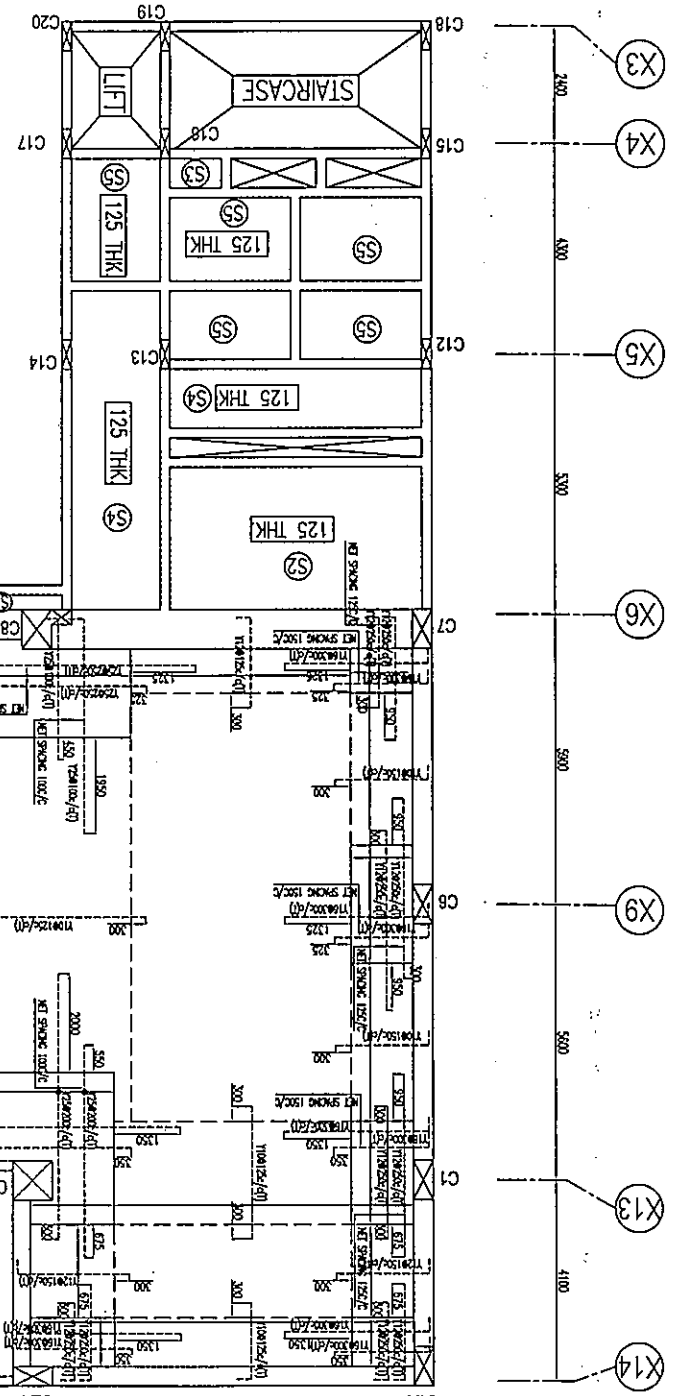
BOTTOM SLAB REINFORCEMENT DETAILS
AT TERRACE FLOOR LEVEL

PRODUCED BY AN AUTODESK STUDENT VERSION

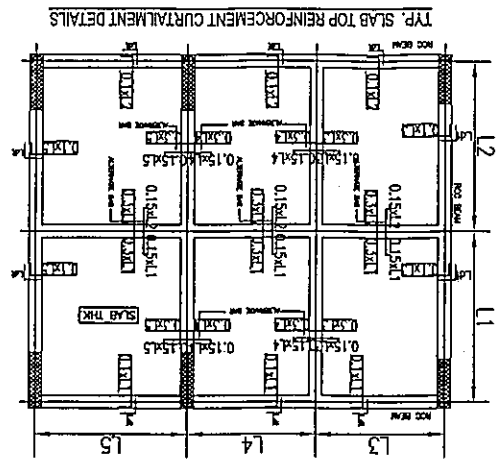
PRODUCED BY AN AUTODESK STUDENT VERSION

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

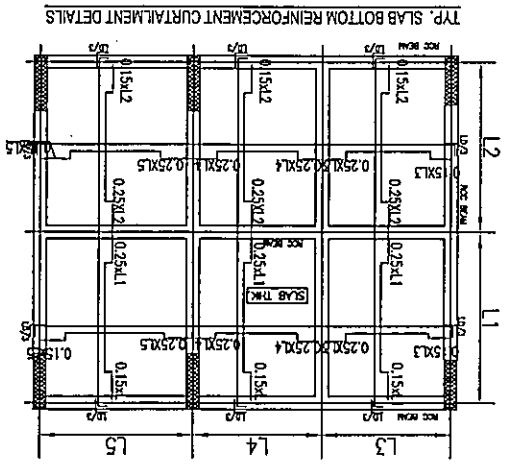
TOP SLAB REINFORCEMENT DETAILS AT TERRACE FLOOR LEVEL



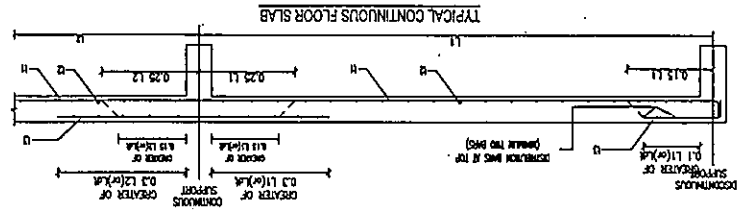
TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS



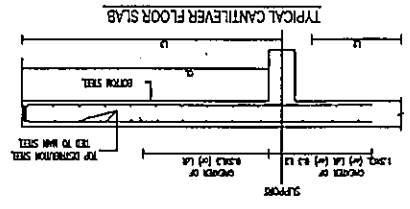
TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS



TYPICAL CONTINUOUS FLOOR SLAB



TYPICAL CANTILEVER FLOOR SLAB

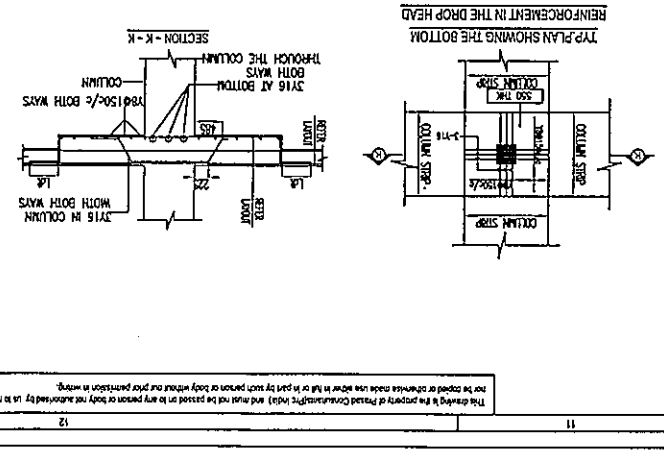


GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cum	0.50
M30	320 Kg/Cum	0.45
M35	340 Kg/Cum	0.45
M40	360 Kg/Cum	0.40
M45	380 Kg/Cum	0.40

NOTES:
1. ALL DIMENSIONS ARE IN MM.
NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN COMJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO
4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112JS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
FOOTINGS : 50MM
RAFT FOUNDATION TOP : 50MM
RAFT FOUNDATION BOTTOM/SIDES : 50MM
COLUMNS : 40MM
SHEAR & RCC WALL : 25MM
BEAMS : 30MM
SLABS : 20MM
STAR CASE : 20MM
RETAWAL : 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES : 50/50MM
COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY

SL. NO.	SLAB TYPE	SLAB THICKNESS	REINT. IN SHORTER SPAN (11)	REINT. IN LONGER SPAN (12)	TOP REINFORCEMENT REINT. IN SHORTER SPAN (13)	REINT. IN LONGER SPAN (14)
			BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
SCHEDULE OF SLAB (TERRACE FLOOR LVL)						
1	S1	125 MM	Y8@175/c	Y8@175/c	Y8@175/c	Y8@175/c
2	S2	125 MM	Y8@150/c	Y8@200/c	Y8@150/c	Y8@200/c
3	S3	125 MM	Y8@225/c	Y8@250/c	Y8@225/c	Y8@250/c
4	S4	125 MM	Y8@200/c	Y8@250/c	Y8@200/c	Y8@250/c
5	S5	125 MM	Y8@200/c	Y8@225/c	Y8@200/c	Y8@225/c

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR R.C.C RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CAPTAL - M30
8. FOR STAIRCASE - M30
9. FOR SUMP & SUMP TANK WALL - M30
10. FOR P.C.C - M10



REVISED FOR	PRELIMINARY	TENDER	INFORMATION	APPROVAL	CONSTRUCTION
	☐	☐	☐	☐	☐

DRAWING No. 014019 - PRC - NU - 052 | A2 | R0

DRWN	HARP			
CHKD	HAL			
DESN	SLV			
DRWL	BRAGHA			
DSGN	HAL		27.01.2017	
	NAME	SIGN	DATE	

TITLE: TERRACE FLOOR LEVEL TOP SLAB REINF. DETAILS

SCALE: NTS

JOB No.: 014019

ARCHITECTS: KSM

CLIENTS: TSM SADUNISSA & FAMILY

PROJECT: JCT -RETAL DEVELOPMENT AT -NAGAR

M/s PRASAD CONSULTANTS (Pvt India)
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Ph# 040-22721644 (3 LINES)
Email: PrasadConsultants@yahoo.co.in
Fax: 040-22721914

STRUCTURAL CONSULTANTS

REVNO	DESCRIPTION	CHKD	DRAWN	SCALE	CHECKED	APPROVED
NO	FOR APPROVAL					

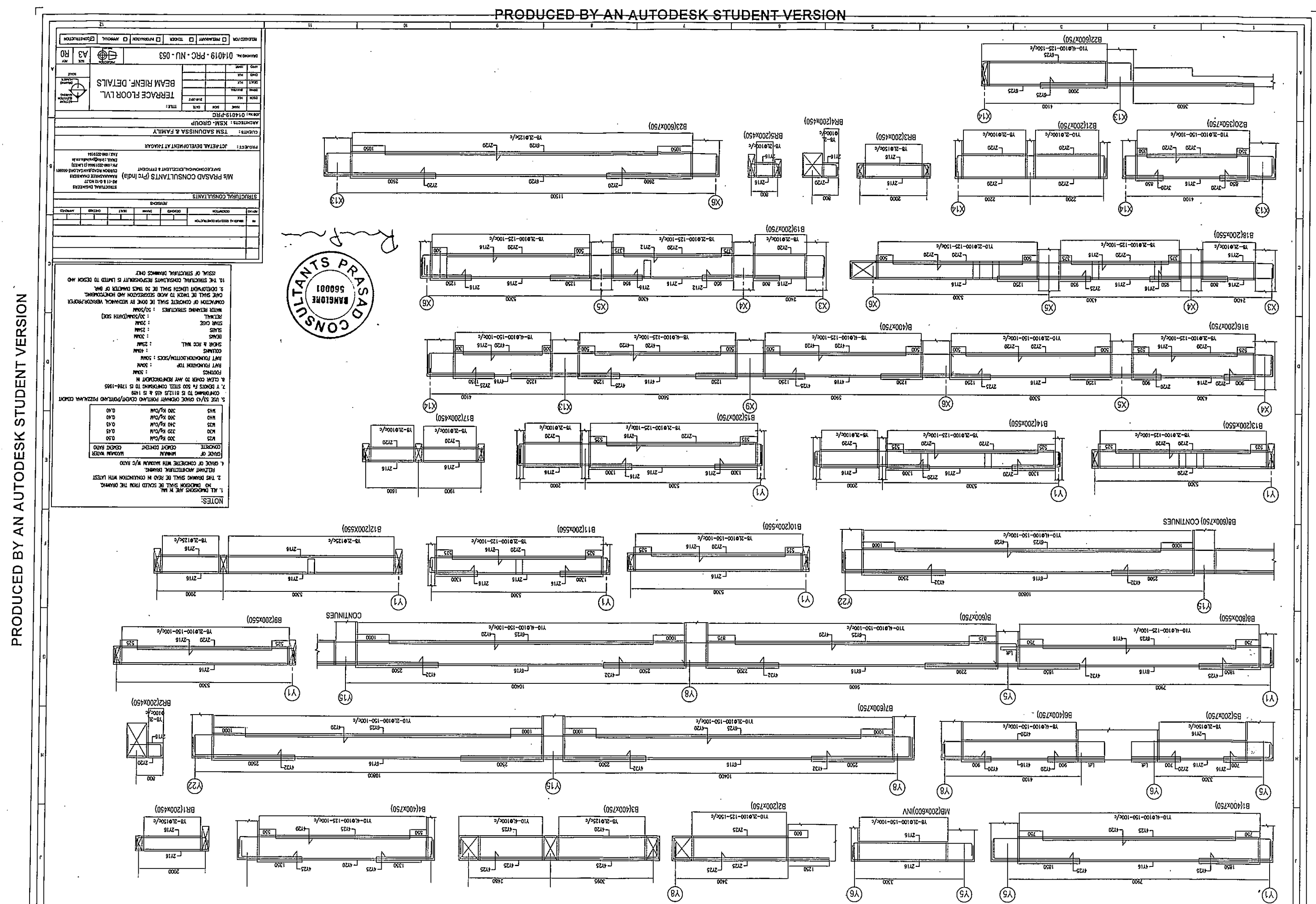
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NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN COLLABORATION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
4. GRADE OF CONCRETE WITH WATERPROOFING W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 kg/cum	0.50
M30	320 kg/cum	0.45
M35	340 kg/cum	0.43
M40	360 kg/cum	0.40
M45	380 kg/cum	0.40

5. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112:S 455 & IS 1489
7. V DENOTE Fe 500 STEEL CONFORMING TO IS 1786-1985
8. CLEAR COVER TO ANY REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & ROC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 25MM
STAIR CASE	: 20MM
RETAINING STRUCTURES	: 50/50MM
	: 30/50MM(EARTH SIDE)

CONCRETION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR-PROBE CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
9. DEVELOPMENT LENGTH SHALL BE 30 TIMES DIAMETER OF BAR.
10. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY.

PRASAD CONSULTANTS BANGLORE 560001

STRUCTURAL CONSULTANTS

REV NO	DESCRIPTION	DRAWN	DESIGN	SCALE	CHECKED	APPROVED
00	ISSUED AS GOOD FOR CONSTRUCTION					

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FAX:+91-080-22219154
E-MAIL:prasadca@vsnl.com

PROJECT: JCT-RETAIL DEVELOPMENT AT TANDAR
CLIENTS: TSM SADUSSA & FAMILY
ARCHITECTS: KSM- GROUP
JOB No: 014019-PRC

	NAME	SIGN	DATE
DSGN	M.K.		
DRAWN	BHARAN		
CHKD	M.K.		
SCALE	M.K.		
APPD	HEMP.		

TITLE: TERRACE FLOOR LVL. BEAM RIENF. DETAILS

DRAWING No. 014019 - PRC - NU - 053

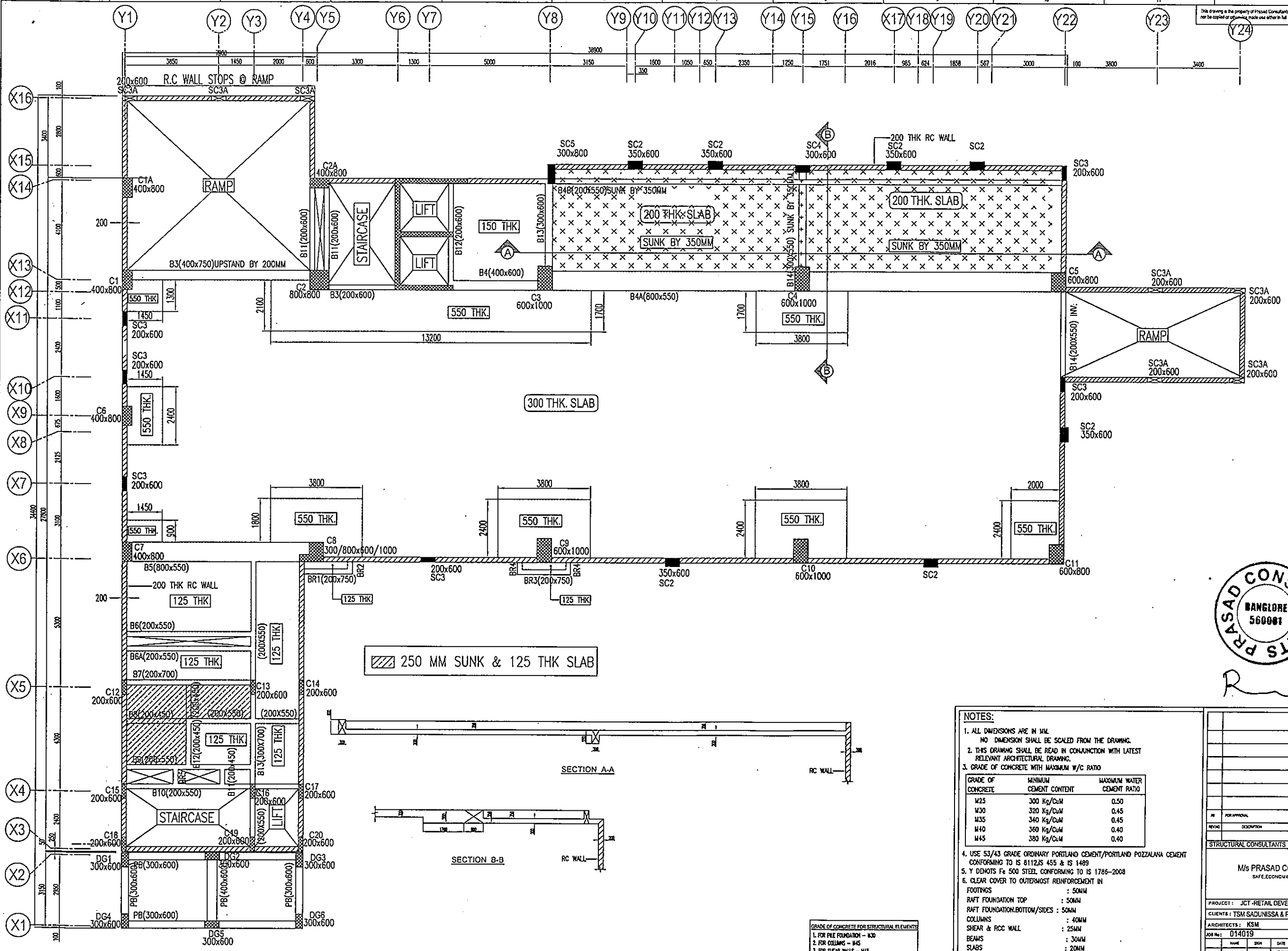
SIZE A3 REV R0

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SECTION A-A

SECTION B-B

GENERAL ARRANGEMENT OF BEAMS AND SLABS AT GROUND FLOOR LEVEL

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REVNO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
00	FOR APPROVAL					

REVISIONS

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SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

STRUCTURAL ENGINEERS
#3-11 & G-12 NO.37
RAMANASHREE CHAMBERS
CUBBON ROAD,BANGALORE-560001
PH : 080-22215666 (3 LINES)
EMAIL : info@prcindia.co.in
FAX : 080-2270154

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	MJK		17-06-2014
DRWN	AU		
DEALT	SLV		
CHKD	MJK		
APPD	MANP		

TITLE : GROUND FLOOR LAYOUT

SECTION ELEVATION MARKING / DRAWING NUMBER

SCALE : NTS

DRAWING No. 014019 - PRC - NU - 010

PROJECTION : THIRD ANGLE

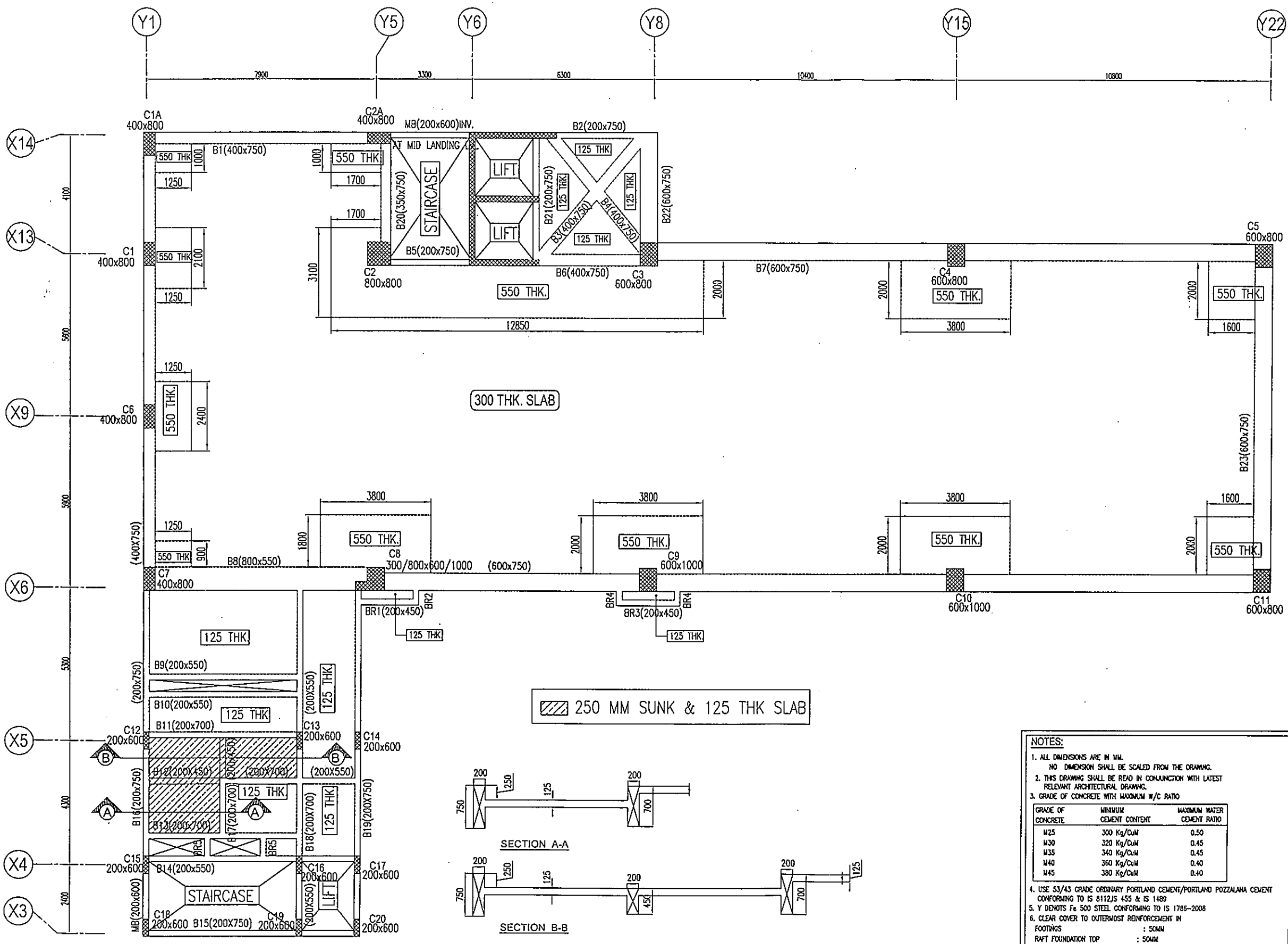
SIZ : A2 REV : R0

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GENERAL ARRANGEMENT OF BEAMS AND SLABS AT SECOND FLOOR LEVEL

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS:
1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:
1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REVNO	DESCRIPTION	DESIGNED	DRAWN	DCK'D	CHECKED	APPROVED
00	FOR APPROVAL					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
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FAX : 080-2278164

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : XSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	HJK		25-01-2017
DRWN	AU		
DCKD	BV		
CHKD	HJK		
APPD	MHP		

TITLE : SECOND FLOOR LAYOUT

SECTION ELEVATION WALKING
DRAWING NUMBER
SCALE : NTS

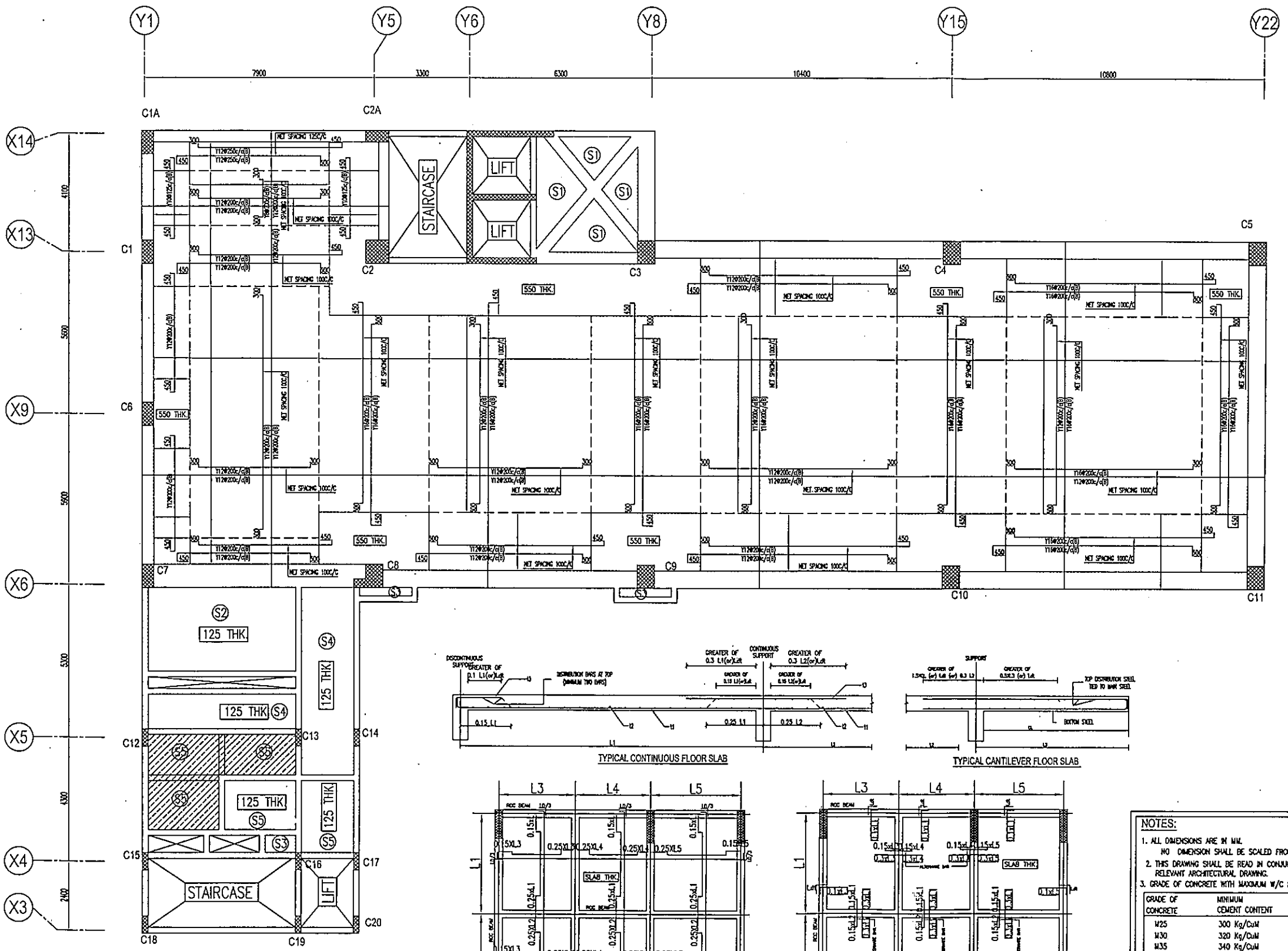
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SIZE A2 REV R0

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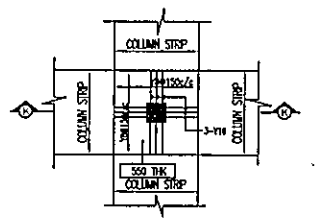
PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

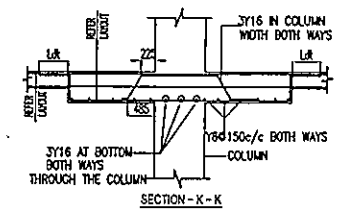
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BOTTOM SLAB REINFORCEMENT DETAILS
AT SECOND FLOOR LEVEL



TYP.PLAN SHOWING THE BOTTOM
REINFORCEMENT IN THE DROP HEAD



SECTION - K - K

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR R.C.C RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CAPITAL - M30
8. FOR STAIRCASE - M30
9. FOR SUMP & SUMP TANK WALL - M30
10. FOR P.C.C - M10

SCHEDULE OF SLAB (SECOND FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
			RIENFT. IN SHORTER SPAN (L1)	RIENFT. IN LONGER SPAN (L2)	RIENFT. IN SHORTER SPAN (L3)	RIENFT. IN LONGER SPAN (L4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@200c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

TYPICAL CONTINUOUS FLOOR SLAB

TYPICAL CANTILEVER FLOOR SLAB

TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS

TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REVISIONS						
NO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
1	FOR APPROVAL					

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT
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CUBBON ROAD,BANGALORE-560001
PH : 080-22215666 (3 LINES)
EMAIL : info@prcindia.co.in
FAX : 080-22276164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	HLK		25-01-2017
DRWN	BHAVYA		
DEALT	SLV		
CHKD	HLK		
APPD	MANP.		

TITLE : SECOND FLOOR LEVEL
BOTTOM SLAB REINF. DETAILS

SECTION ELEVATION WALL/RCC
DRAWING MANNER
SCALE : NTS

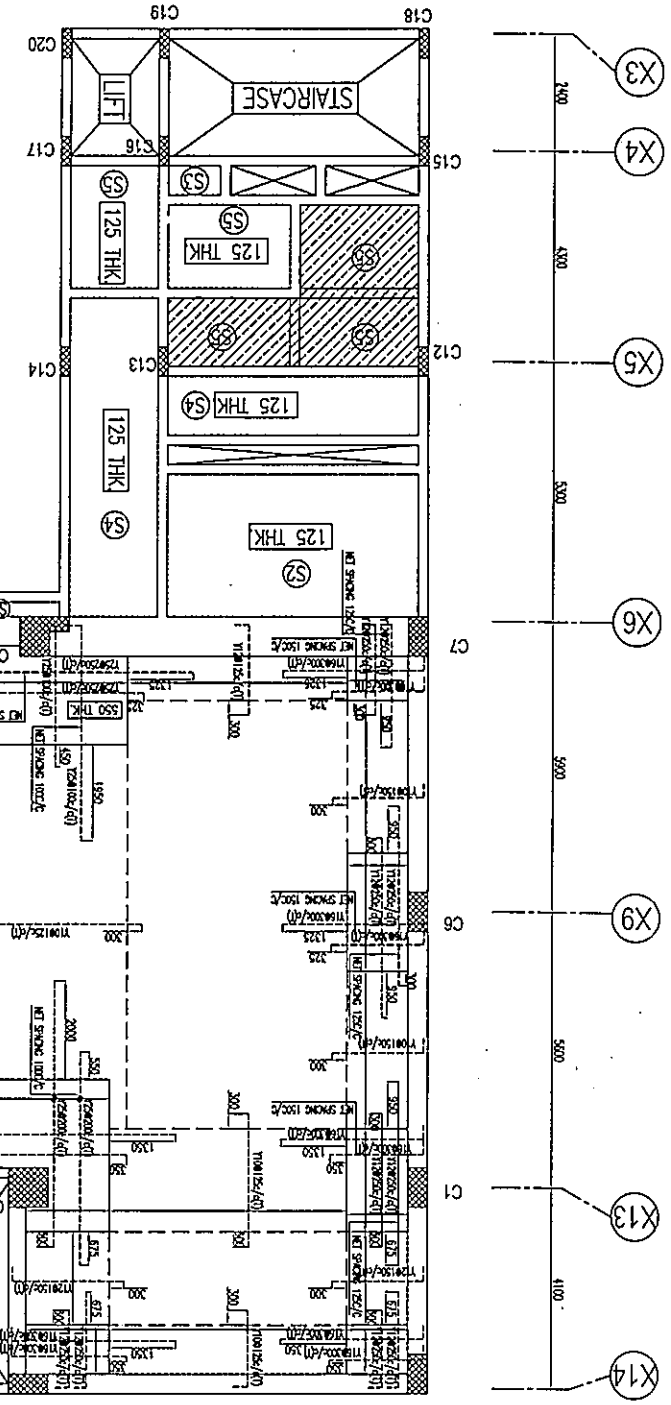
DRAWING No. 014019 - PRC - NU - 031
SIZE A2 | REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☑ CONSTRUCTION

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PRODUCED BY AN AUTODESK STUDENT VERSION

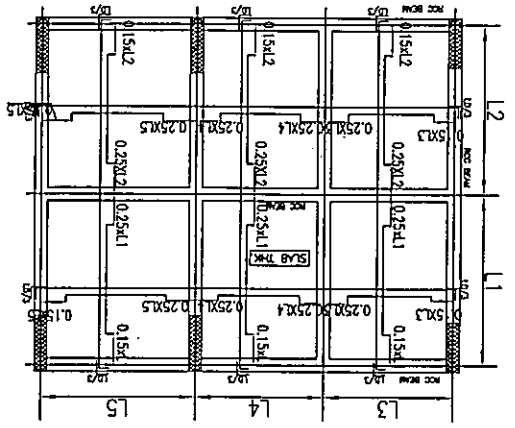
PRODUCED BY AN AUTODESK STUDENT VERSION

TOP SLAB REINFORCEMENT DETAILS AT SECOND FLOOR LEVEL

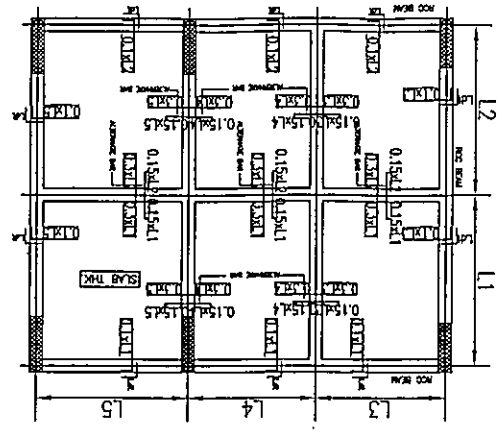


NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

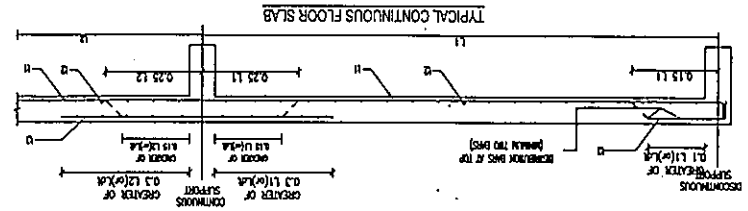
TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS



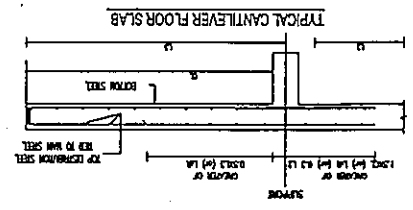
TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS



TYPICAL CONTINUOUS FLOOR SLAB

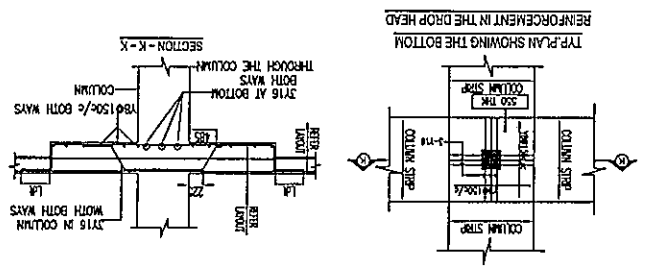


TYPICAL CANTILEVER FLOOR SLAB



SCHEDULE OF SLAB (SECOND FLOOR LVL)					
		BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
SL. NO.	SLAB TYPE	SLAB THICKNESS	REINFT. IN SHORTER SPAN (l1)	REINFT. IN LONGER SPAN (l2)	REINFT. IN SHORTER SPAN (l3)	REINFT. IN LONGER SPAN (l4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR RCC RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CHAJJA - M30
8. FOR STAIRCASE - M30
9. FOR SUMP & TANK WALL - M30
10. FOR PLC - M40



NOTES:
1. ALL DIMENSIONS ARE IN MM.
NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cum	0.50
M30	320 Kg/Cum	0.45
M35	340 Kg/Cum	0.45
M40	360 Kg/Cum	0.40
M45	380 Kg/Cum	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112:IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
FOOTINGS : 50MM
RAFT FOUNDATION TOP : 50MM
RAFT FOUNDATION BOTTOM/SIDES : 50MM
COLUMNS : 40MM
SHEAR & RCC WALL : 25MM
BEAMS : 30MM
SLABS : 20MM
STAIR CASE : 20MM
RETAWAL : 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES : 50/50MM
COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY

REVISIONS							
NO.	DESCRIPTION	DRAWN	DESIGNED	DATE	CHECKED	APPROVED
	FOR MUNICIPAL					

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PROJECT: JCT :RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS: TSM SADUNISSA & FAMILY
ARCHITECTS: KSM
JOB No: 014019
TITLE: SECOND FLOOR LEVEL TOP SLAB REINF. DETAILS
DRAWING No: 014019 - PRC - NU - 032
SIZE: A2
REV: R0
REVISION
REMARKS: PRELIMINARY / TENDER / INFORMATION / APPROVAL / CONSTRUCTION

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PROJECT: JCT-RETAIL DEVELOPMENT AT VADAGAR

CLIENT(S): TSM SADUSSA & FAMILY

ARCHITECTS: KSM- GROUP

JOB No.: 014019-PRC

TITLE: SECOND FLOOR LVL. BEAM REINF. DETAILS

DRAWING No. 014019 - PRC - NU - 033

SIZE: A2 | REV: R0

RELEASED FOR: PRELIMINARY | TENDER | PERMISSION | APPROVAL | CONSTRUCTION

STRUCTURAL CONSULTANTS

NO	DESCRIPTION	CHECKED	DRAWN	DATE	CHECKED	APPROVED
	ISSUED AS GOOD FOR CONSTRUCTION					

REVISIONS

PRASAD CONSULTANTS FARIBORE 560001

NOTES:
1. ALL DIMENSIONS ARE IN MM
NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
4. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cum	0.50
M30	320 Kg/Cum	0.45
M35	340 Kg/Cum	0.45
M40	360 Kg/Cum	0.40
M45	380 Kg/Cum	0.40

5. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZOLANA CEMENT CONFORMING TO IS 8112/S 455 & IS 1489
7. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-1985
8. CLEAR COVER TO ANY REINFORCEMENT IN
FOOTINGS : 50MM
RAFT FOUNDATION TOP : 50MM
RAFT FOUNDATIONBOTTOM/SIDES : 50MM
COLUMNS : 40MM
BEAMS & ROD WALL : 25MM
SLABS : 20MM
STAIR CASE : 20MM
WATER RETAINING STRUCTURES : 50/50MM
RETAINING : 30/50MM/EARTH SIDE
COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATING POWER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
9. DEVELOPMENT LENGTH SHALL BE 50 TIMES DIAMETER OF BAR.
10. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY

B22(600X750)
Y10-4L@100-125-150-c/c
GY25
2000 GY25
4100
X14 X13
3600

B18(200X700)
Y8-2L@100-125-100-c/c
ZY16 ZY20
500 375
2400
X3

B(200X550)
Y10-2L@100-125-150-c/c
Y8-2L@100-125-100-c/c
ZY16 ZY20 ZY25
500 375 LM
1250 1000
2300
X6 X5 X4

B19(200X750)
Y8-2L@100-125-100-c/c
ZY16 ZY20 ZY12
500 375 G75
920 1250
2300
X6 X5 X4

B16(200X750)
Y8-2L@100-125-100-c/c
Y10-2L@100-150-100-c/c
ZY16 ZY20
450 500
1250
5600
X14 X13 X9 X6 X5 X4

B(400X750)
Y8-4L@100-125-100-c/c
Y8-4L@100-150-100-c/c
GY16 GY20 GY25
500 1250
5600
X14 X13 X9 X6 X5 X4

B23(600X750)
Y10-6L@100-150-100-c/c
GY25 GY32
1050 2600
11500
X13 X6

BR5(200X450)
Y8-2L@100-c/c
ZY16
600

BR4(200X450)
Y8-2L@100-c/c
ZY16 ZY20
700

BR3(200X450)
Y8-2L@100-c/c
ZY16
2000

21(200X750)
Y10-2L@100-c/c
ZY20
2200

B20(350X750)
Y10-2L@100-150-100-c/c
ZY16 ZY20
450 550
4100
X14 X13

B13(200X700)
Y8-2L@100-125-100-c/c
ZY16 ZY20
525
5300
Y1

B14(200X550)
Y8-2L@100-125-100-c/c
ZY16 ZY20
525
2000
Y1

B15(200X750)
Y8-2L@100-125-100-c/c
ZY16 ZY20
525
1300
5300
Y1

B17(200X700)
Y8-2L@100-c/c
ZY16 ZY20
3300

B17(200X450)
Y8-2L@100-c/c
ZY16
3300

B8(600X750) CONTINUES
Y10-4L@100-150-100-c/c
GY25 GY20
1000
2500 GY16 4132
10800
Y15 Y22

B1(400X750)
Y10-4L@100-150-100-c/c
GY25 GY20
750
1850 GY16 4125
7500
Y1 Y5

MB(200X600)INV
Y8-2L@100-150-100-c/c
ZY16
2300
Y5 Y6

B2(200X750)
Y10-2L@100-125-150-c/c
ZY25
600
1250
3600
Y8 Y6

B3(400X750)
Y8-2L@125-c/c
Y10-4L@100-c/c
GY20 GY25
2460
3095

B4(400X750)
Y10-4L@100-125-100-c/c
GY20 GY25
550
1350
5540

BR1(200X450)
Y8-2L@150-c/c
ZY16
2000

B11(200X700)
Y8-2L@100-125-100-c/c
ZY16 ZY20
525
1300
5300
Y1

B10(200X550)
Y8-2L@100-150-100-c/c
ZY16 ZY20
525
5300
Y1

B12(200X450)
Y8-2L@125-c/c
ZY16
2650

B(200X700)
Y8-2L@125-c/c
ZY16
2650

B(200X550)
Y8-2L@125-c/c
ZY16
2000

B9(200X550)
Y8-2L@100-150-100-c/c
ZY16 ZY20
525
5300
Y1

B8(600X550)
Y10-4L@100-125-100-c/c
GY25 GY16
750
1850 4132
7500
Y1 Y5

B(600X750)
Y10-4L@100-150-100-c/c
Y10-4L@100-125-100-c/c
GY25 GY20
1000 875
2500 GY16 4132
10400
Y15 Y8

B7(600X750)
Y10-2L@100-150-100-c/c
Y10-4L@100-150-100-c/c
GY25 GY20
1000
2500 GY16 4132
10800
Y22 Y15 Y8

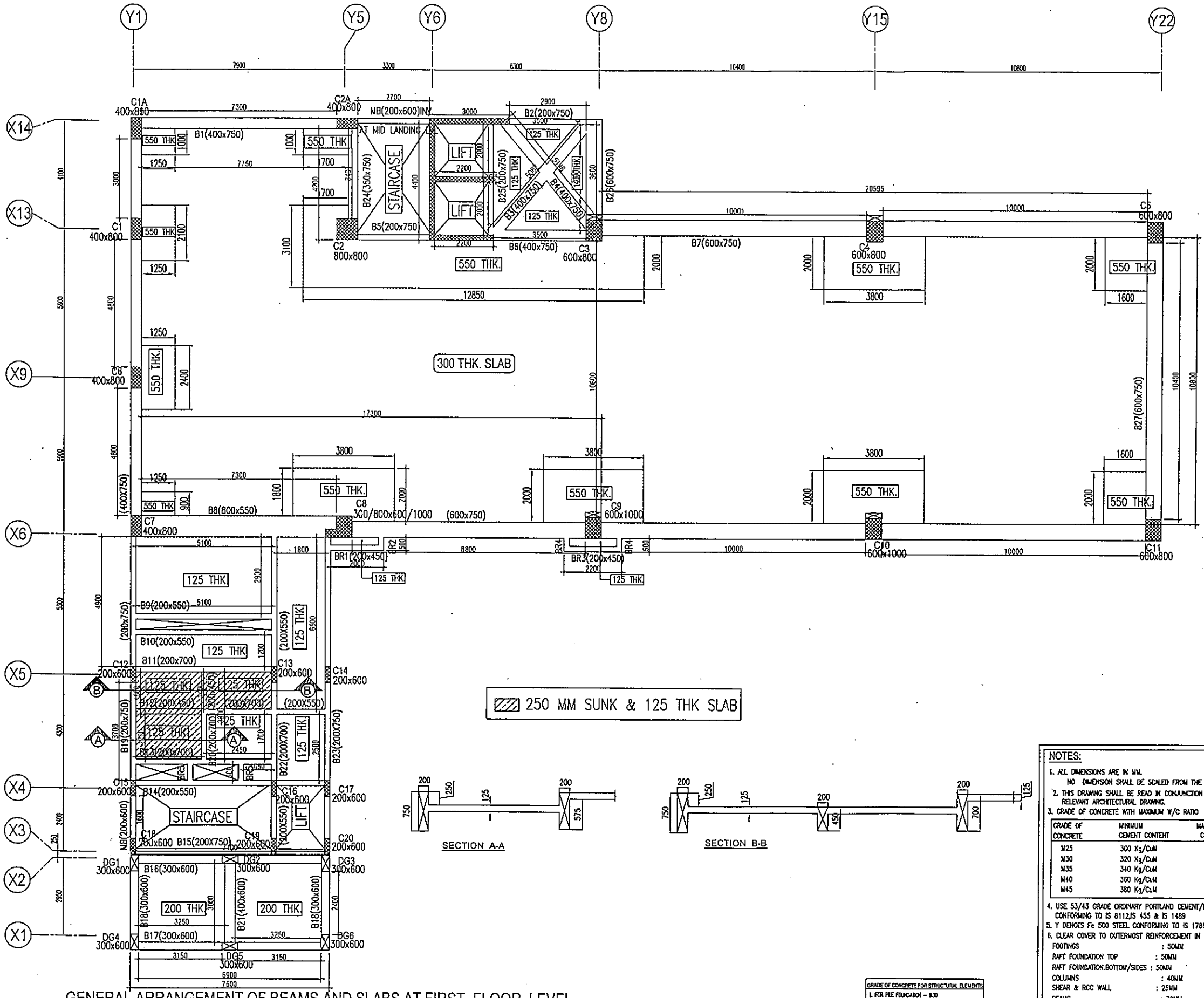
B6(400X750)
Y8-4L@100-150-100-c/c
4120
900 GY16 4120 900
LM
4100
Y8 Y6

B5(200X750)
Y8-4L@100-c/c
ZY16 ZY20
700 LM
3300
Y5 Y6

BR2(200X450)
Y8-2L@100-c/c
ZY16
800

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250 MM SUNK & 125 THK SLAB

SECTION A-A

SECTION B-B

GENERAL ARRANGEMENT OF BEAMS AND SLABS AT FIRST FLOOR LEVEL

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPTIAL – M30
8. FOR STAIRCASE – M30
9. FOR SEP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REV NO	DESCRIPTION	DESIGNED	DRAWN	DCALT	CHECKED	APPROVED
R0	FOR APPROVAL					

REVISIONS

STRUCTURAL CONSULTANTS

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FAX : 080-2270164

PROJECT :	JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS :	TSM SADUNISSA & FAMILY
ARCHITECTS :	KSM
JOB No :	014019

	NAME	SIGN	DATE
DSGN	MJK		25-01-2017
DRWG	ASJ		-
DCALT	BLV		
CHKD	MJK		
APPD	MMP		

TITLE: FIRST FLOOR LAYOUT

SECTION ELEVATION MARKING / DRAWING NUMBER

SCALE NTS

DRAWING No. 014019 - PRC - NU - 020

PROJECTION

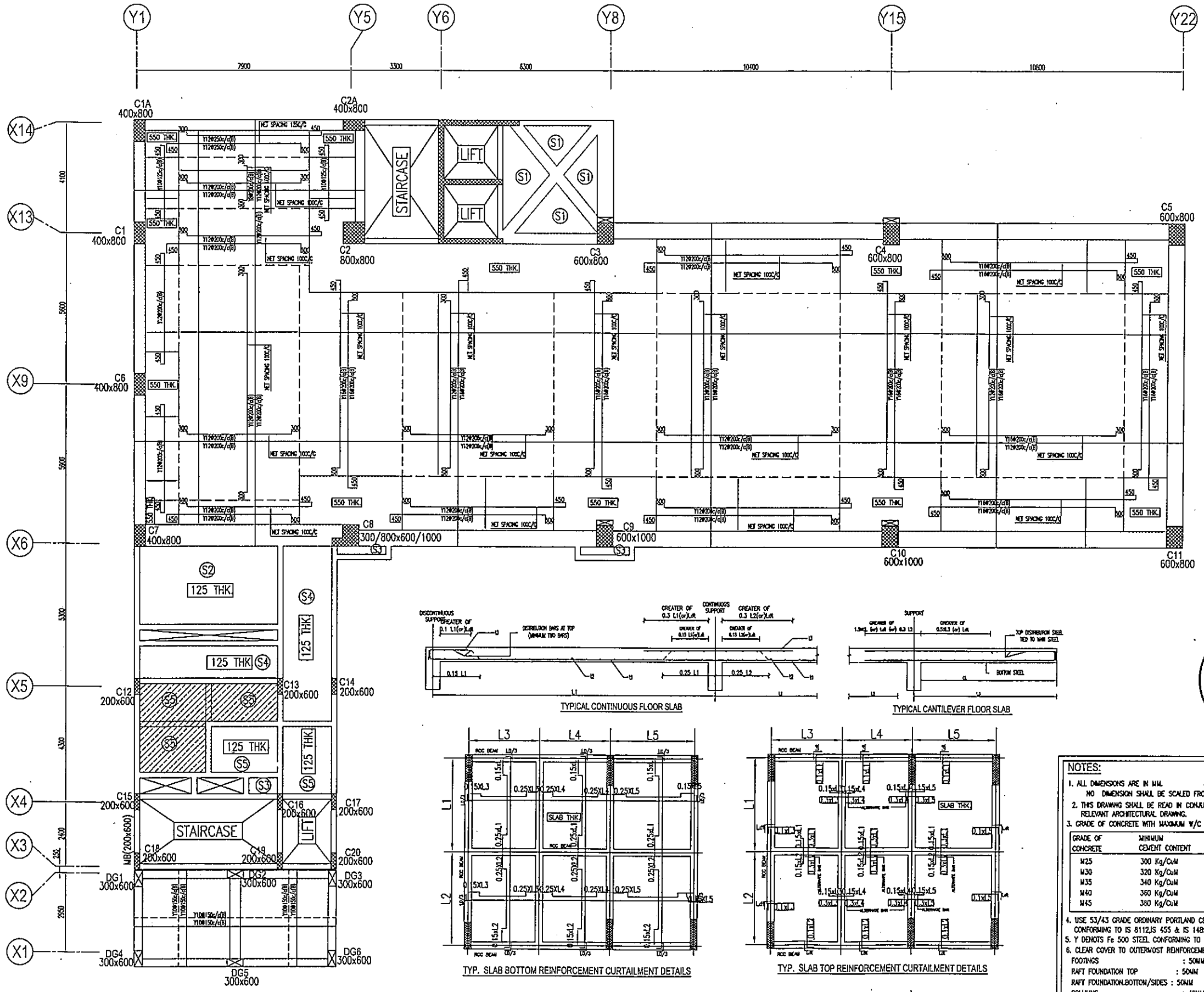
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RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION

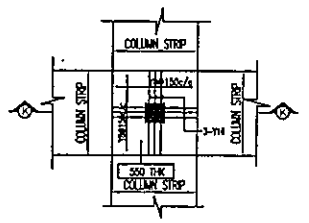
PRODUCED BY AN AUTODESK STUDENT VERSION

PRODUCED BY AN AUTODESK STUDENT VERSION

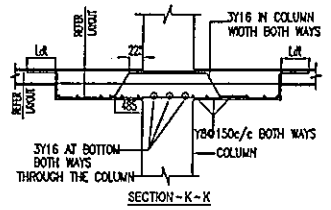
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BOTTOM SLAB REINFORCEMENT DETAILS AT FIRST FLOOR LEVEL



TYP.PLAN SHOWING THE BOTTOM REINFORCEMENT IN THE DROP HEAD



SECTION - K - K

SCHEDULE OF SLAB (FIRST FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
			REINFT. IN SHORTER SPAN (l1)	REINFT. IN LONGER SPAN (l2)	REINFT. IN SHORTER SPAN (l3)	REINFT. IN LONGER SPAN (l4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

TYPICAL CONTINUOUS FLOOR SLAB

TYPICAL CANTILEVER FLOOR SLAB

TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS

TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR SUMP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

PRASAD CONSULTANTS BANGLORE 560001

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION.BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & RCC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 20MM
STAIR CASE	: 20MM
RET.WALL	: 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES	: 50/50MM

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.

7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

NO	REVISIONS	DESIGNED	DRAWN	DETAILED	CHECKED	APPROVED
1	FOR APPROVAL					

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
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FAX : 080-22276154

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	MJK		25-01-2012
DRWN	BHAVNA		
DCKD	BJV		
CHKD	MJK		
APPD	MMP		

TITLE : FIRST FLOOR LEVEL BOTTOM SLAB REINF. DETAILS

DRAWING No. 014019 - PRC - NU - 021

SIZE A2 | REV R0

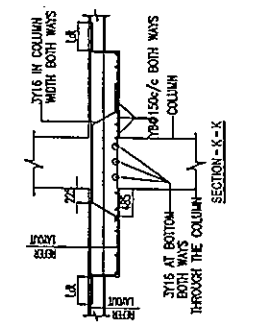
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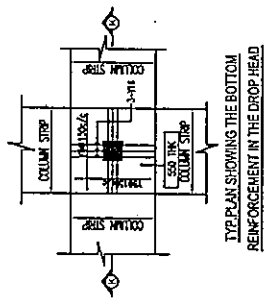
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TYP.PLAN SHOWING THE BOTTOM REINFORCEMENT IN THE DROP HEAD

SCHEDULE OF SLAB (FIRST FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
			REINF. IN SHORTER SPAN (l1)	REINF. IN LONGER SPAN (l2)	REINF. IN SHORTER SPAN (l3)	REINF. IN LONGER SPAN (l4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR RCC RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CAPITAL - M30
8. FOR STAIRCASE - M30
9. FOR STP & SUMP TANK WALL - M30
10. FOR PCC - M10

PRASAD CONSULTANTS BANGLORE 560001

NOTES:
1. ALL DIMENSIONS ARE IN MM.
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GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cum	0.50
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M35	340 Kg/Cum	0.45
M40	360 Kg/Cum	0.40
M45	380 Kg/Cum	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZOLANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR/PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

NO	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED
REVISIONS					

STRUCTURAL CONSULTANTS

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EMAIL : info@prasad.co.in
FAX : 080-25591164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DESD	MJC		
DRWN	BHAVNA		
CHKD	MJC		
APPD	MJC		

TITLE : FIRST FLOOR LEVEL TOP SLAB REINF. DETAILS

SCALE : NTS

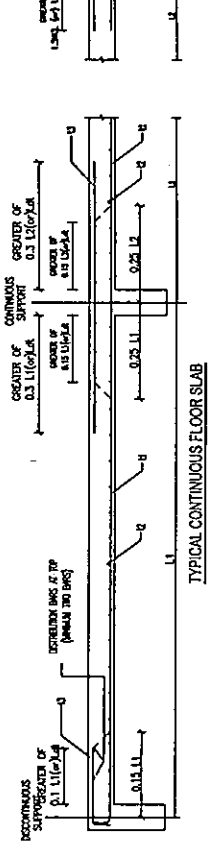
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PROJECTION : FIRST ANGLE

SIZE : A2

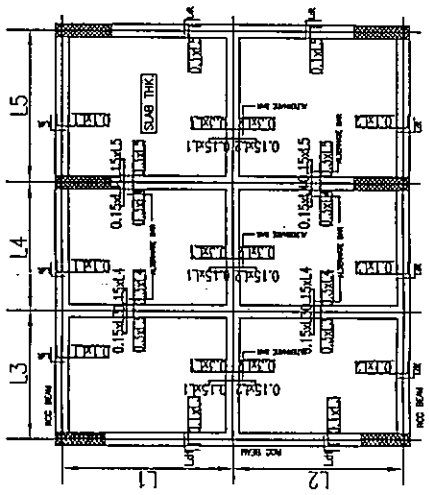
REV : R0

RELEASED FOR : ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION

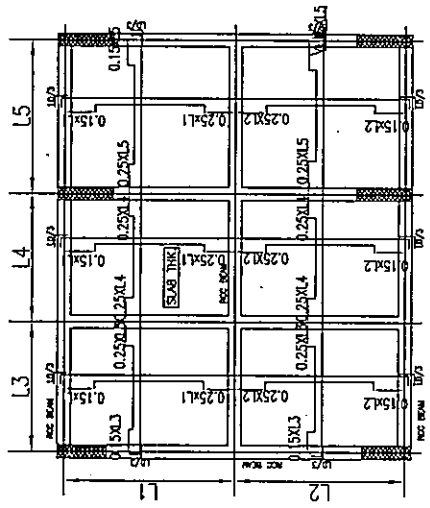


TYPICAL CANTILEVER FLOOR SLAB

TYPICAL CONTINUOUS FLOOR SLAB



TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS



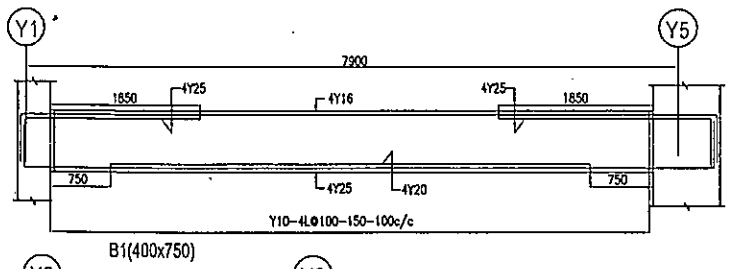
TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

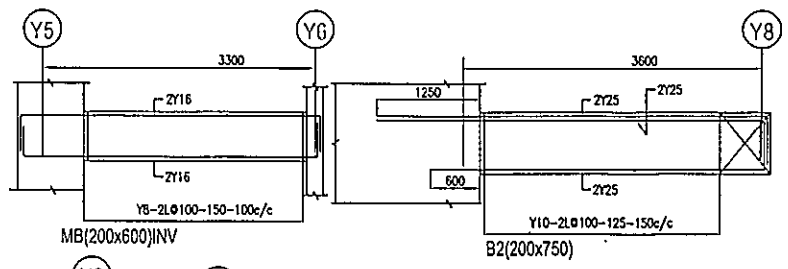
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PRODUCED BY AN AUTODESK STUDENT VERSION

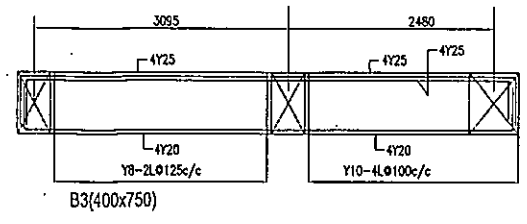
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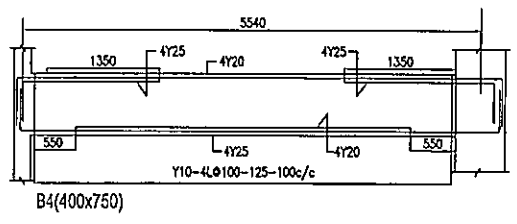
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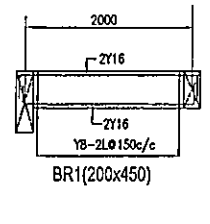
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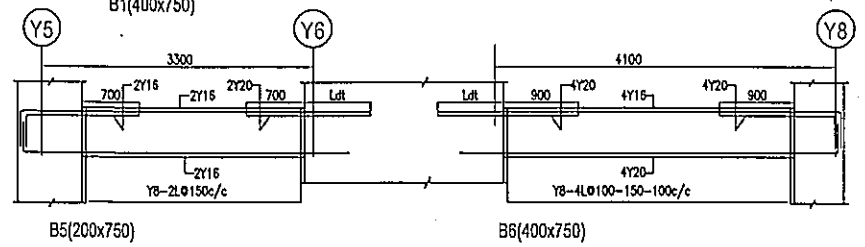
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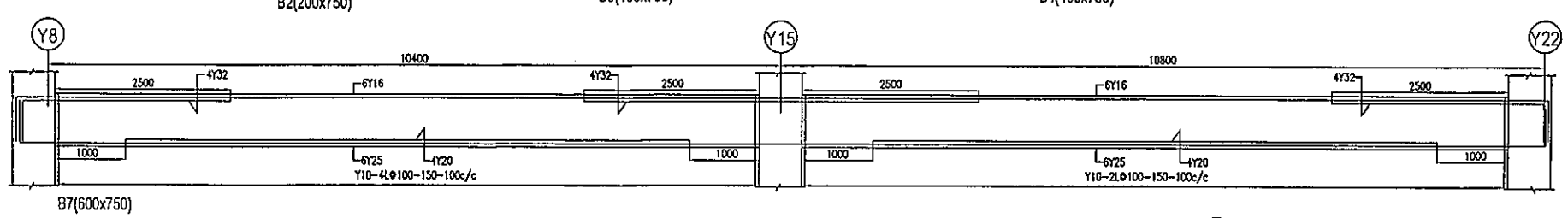
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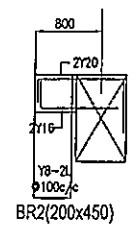
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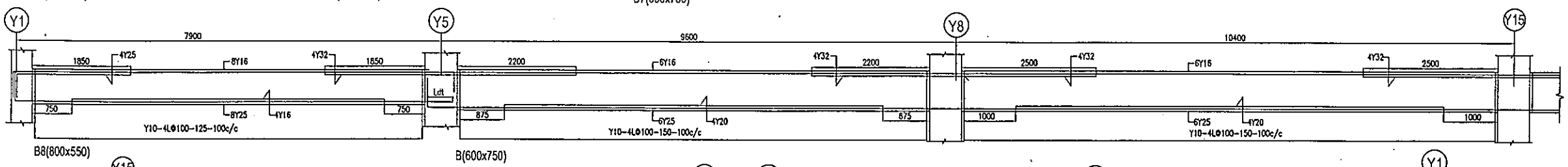
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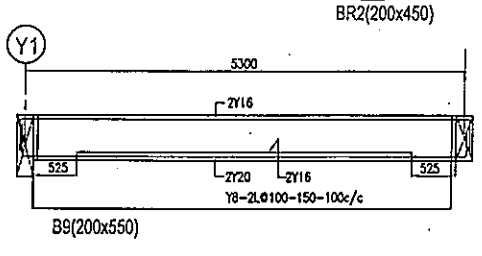
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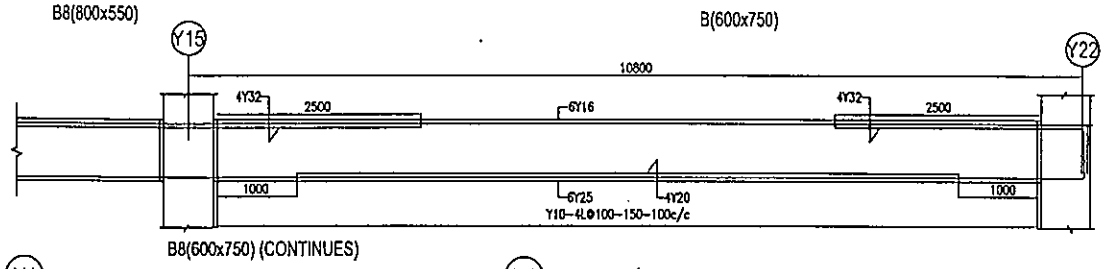
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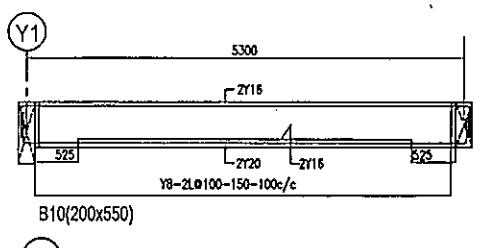
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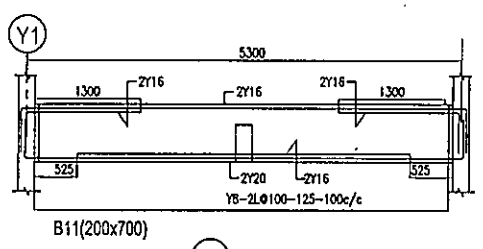
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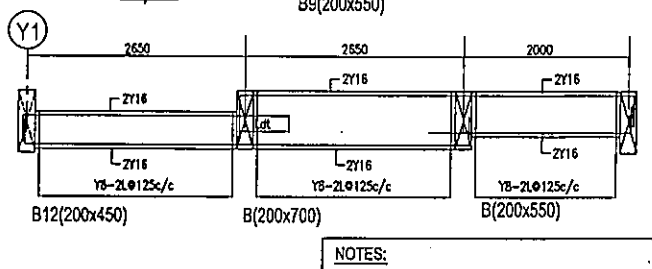
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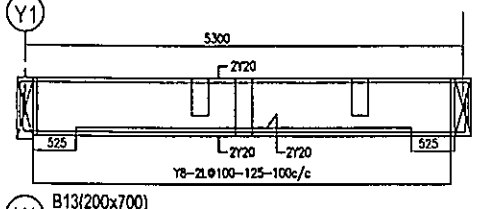
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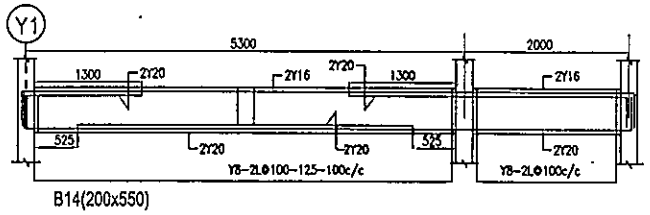
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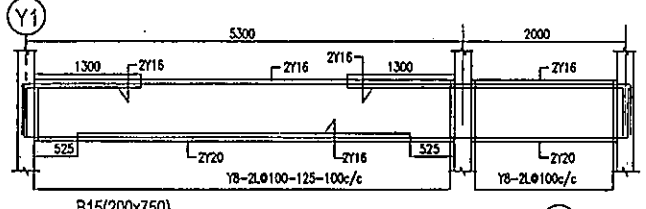
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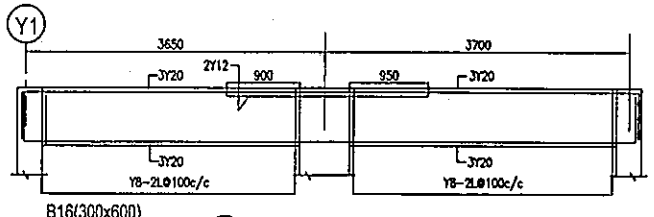
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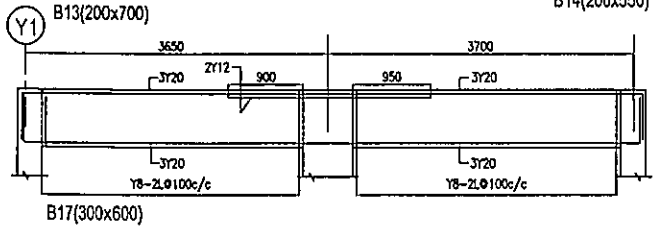
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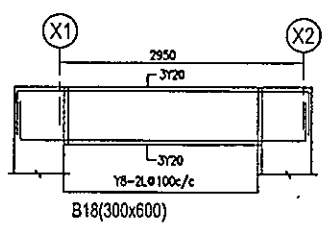
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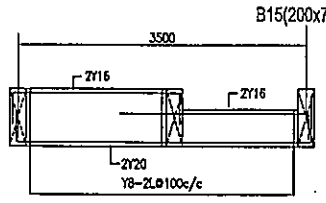
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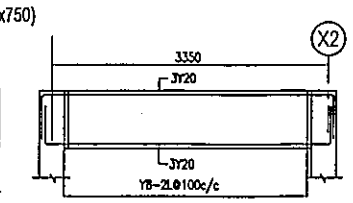
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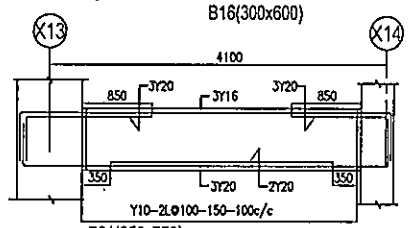
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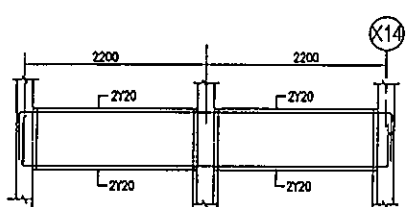
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B(200x450)



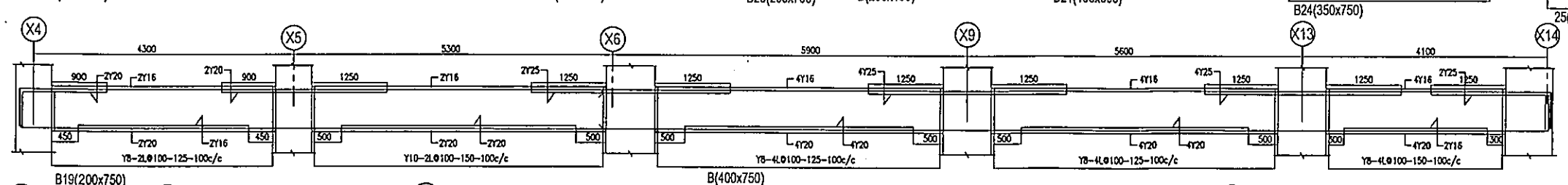
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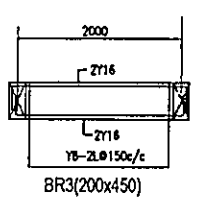
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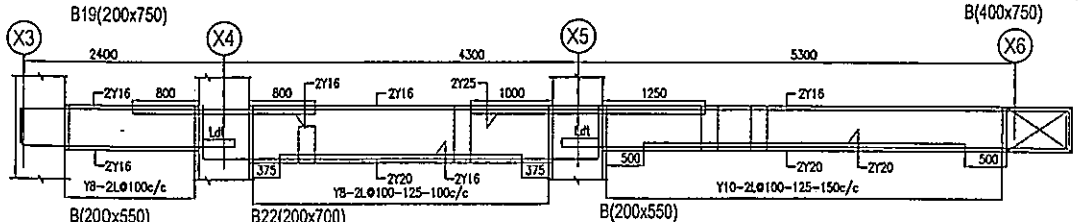
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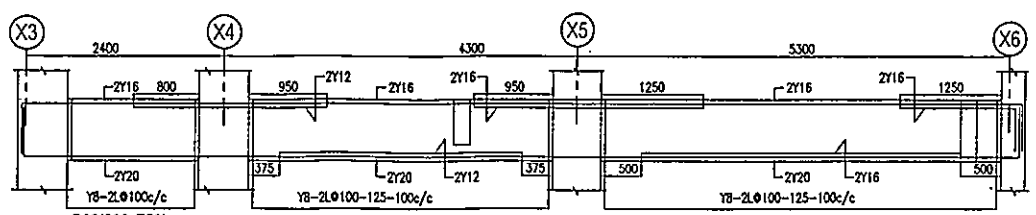
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B(400x750)



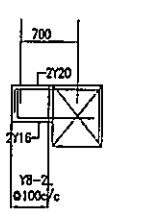
BR3(200x450)



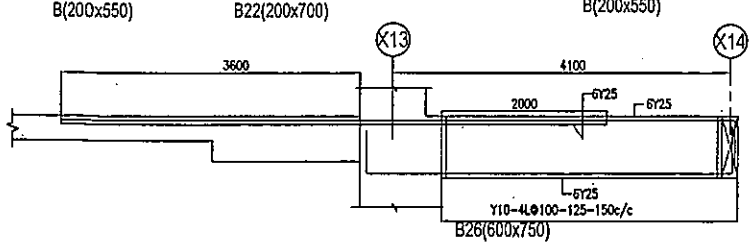
B(200x550)
B22(200x700)
B(200x550)



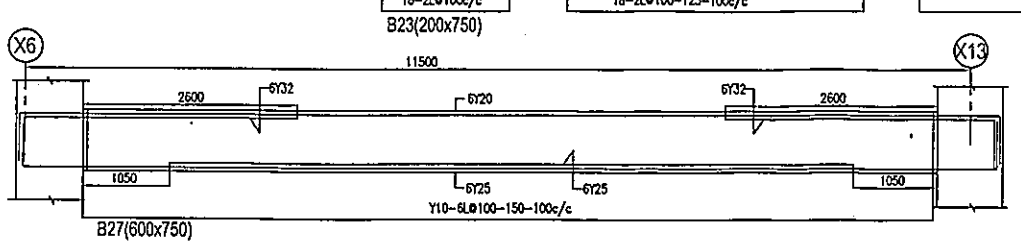
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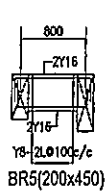
BR4(200x450)



B26(600x750)



B27(600x750)



BR5(200x450)

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
4. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

5. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZOLANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
7. Y DENOTES Fe 500 STEEL CONFORMING TO IS 1786-1985
8. CLEAR COVER TO ANY REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION,BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 25MM
   STAIR CASE : 20MM
   RETAINING WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
9. DEVELOPMENT LENGTH SHALL BE 50 TIMES DIAMETER OF BAR.
10. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

REV NO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
R0	ISSUED AS GOOD FOR CONSTRUCTION					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

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EMAIL : info@prcindia.co.in
FAX : 080-2270164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR

CLIENTS : TSM SADUNISSA & FAMILY

ARCHITECTS : KSM- GROUP

JOB No : 014019-PRC

	NAME	SIGN	DATE
DSGN	M.E		25/1/2017
DRWN	BHUVNA		
DEALT	M.E		
CHKD	M.E		
APPD	M.P		

TITLE : FIRST FLOOR LVL. BEAM RIENF. DETAILS

SECTION ELEVATION MARKING — DRAWING NUMBER — SCALE

DRAWING No. 014019 - PRC - NU - 023

PROJECTION — SIZE A2 — REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☑ CONSTRUCTION

PRASAD CONSULTANTS BANGLORE 560001

PRODUCED BY AN AUTODESK STUDENT VERSION
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GENERAL ARRANGEMENT OF BEAMS AND SLABS AT GROUND FLOOR LEVEL

250 MM SUNK & 125 THK SLAB

SECTION A-A

SECTION B-B

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION.BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & RCC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 20MM
STAIR CASE	: 20MM
RET.WALL	: 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES	: 50/50MM

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.

7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR SEP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

PRASAD CONSULTANTS BANGLORE 560001

REVISIONS						
REVNO	DESCRIPTION	DESIGNED	DRAWN	DUALT	CHECKED	APPROVED
R1	BEAM B1 & B4 ARE REVISED AS PER ARCH. DWG. 26.12.2016					
R0	FOR CONSTRUCTION					

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
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FAX : 080-2270164

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	MJK		17-08-2016
DRWN	AU		
DUALT	S.V		
CHKD	MJK		
APPD	MMP		

TITLE: GROUND FLOOR LAYOUT

SCALE: NTS

DRAWING No. 014019 - PRC - NU - 010

SIZE: A2 REV: R1

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R.C WALL STOPS @ RAMP

RAMP

STAIRCASE

LIFT

LIFT

200 THK RC WALL

200 THK. SLAB

SUNK BY 350MM

150 THK

125 THK

550 THK

TYP.PLAN SHOWING THE BOTTOM REINFORCEMENT IN THE DROP HEAD

SECTION - K - K

TYPICAL CONTINUOUS FLOOR SLAB

TYPICAL CANTILEVER FLOOR SLAB

TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS

TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS

BOTTOM SLAB REINFORCEMENT DETAILS AT GROUND FLOOR LEVEL

SCHEDULE OF SLAB (THIRD FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT: REINFT. IN SHORTER SPAN (l1)	BOTTOM REINFORCEMENT: REINFT. IN LONGER SPAN (l2)	TOP REINFORCEMENT: REINFT. IN SHORTER SPAN (l3)	TOP REINFORCEMENT: REINFT. IN LONGER SPAN (l4)
1	S1	150 MM	Y10@150c/c	Y10@200c/c	Y10@150c/c	Y10@200c/c
2	S2	200 MM	Y10@125c/c	Y8@200c/c	Y10@125c/c	Y8@200c/c
3	S3	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR R.C.C RETAINING WALL - M35
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CAPITAL - M30
8. FOR STAIRCASE - M30
9. FOR SEP & SUMP TANK WALL - M30
10. FOR P.C.C - M10

NOTES:
1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE S3/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

PRASAD CONSULTANTS BANGLORE 560001

REVNO	DESCRIPTION	DESIGNED	DRAWN	DCKD	CHECKED	APPROVED
R1	LADDLE STRIP DETAILS (GRID Y5 TO Y10 & X4 TO X12) REVISED	26-12-2016				
R0	FOR CONSTRUCTION					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

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EMAIL : info@prcindia.co.in
FAX : 080-22273154

PROJECT : JCT -RETAIL-DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	H.K		13-11-2016
DRWN	BHAVNA		
DCKD	B.V		
CHKD	H.K		
APPD	MANP		

TITLE : GROUND FLOOR LEVEL BOTTOM SLAB REINF. DETAILS

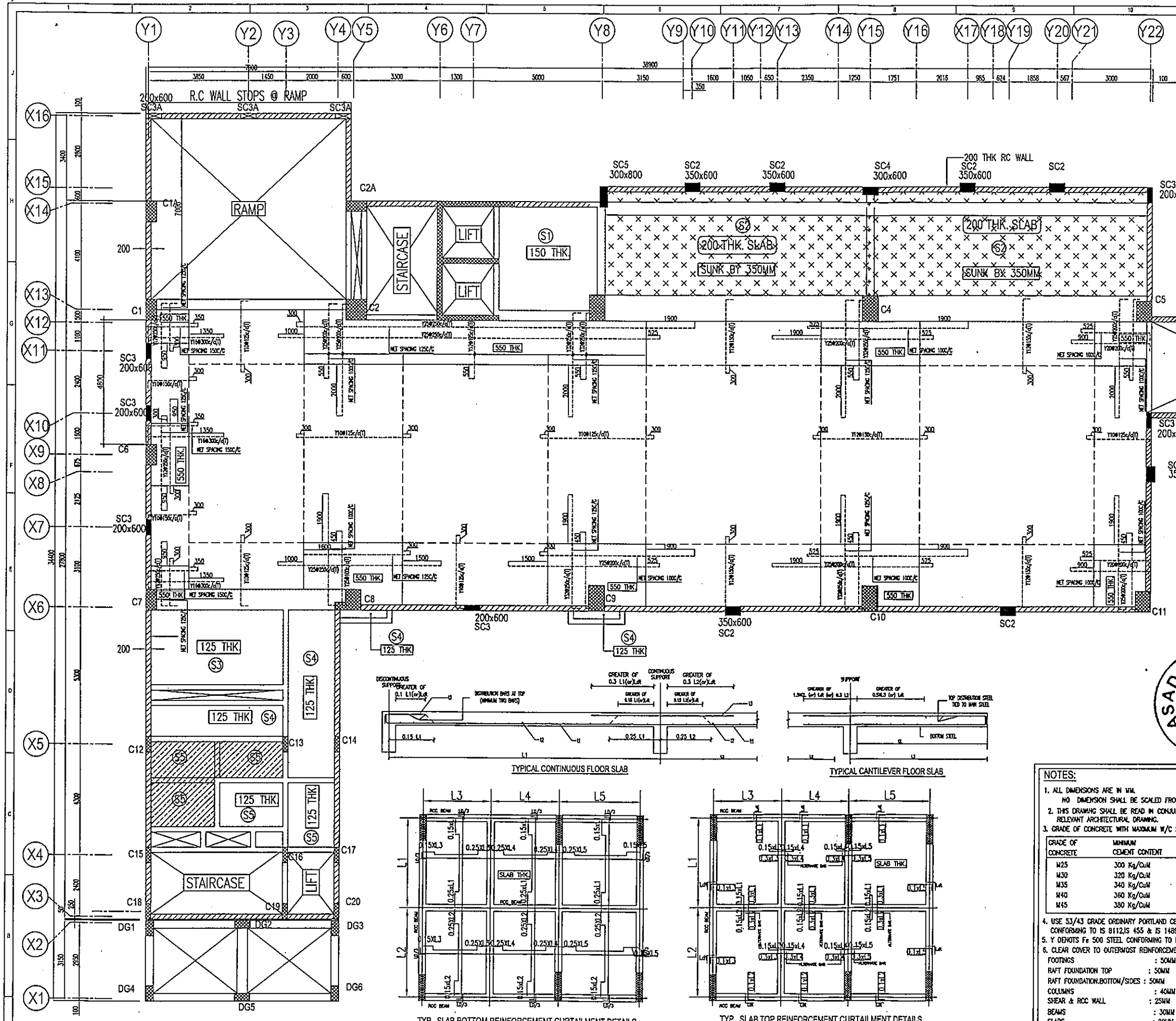
SCALE : NTS

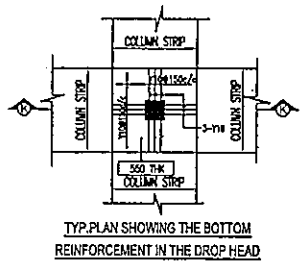
DRAWING No. 014019 - PRC - NU - 011

SIZE A2 REV R1

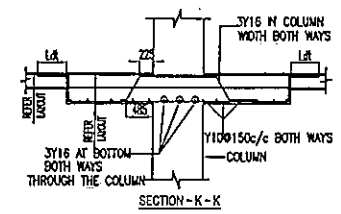
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TYP.PLAN SHOWING THE BOTTOM REINFORCEMENT IN THE DROP HEAD



SECTION - K - K

SCHEDULE OF SLAB (THIRD FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT: REINFT. IN SHORTER SPAN (t1)	BOTTOM REINFORCEMENT: REINFT. IN LONGER SPAN (t2)	TOP REINFORCEMENT: REINFT. IN SHORTER SPAN (t3)	TOP REINFORCEMENT: REINFT. IN LONGER SPAN (t4)
1	S1	150 MM	Y10@150c/c	Y10@200c/c	Y10@150c/c	Y10@200c/c
2	S2	200 MM	Y10@125c/c	Y8@200c/c	Y10@125c/c	Y8@200c/c
3	S3	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c

TYPICAL CONTINUOUS FLOOR SLAB

TYPICAL CANTILEVER FLOOR SLAB

TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS

TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS

PRASAD CONSULTANTS BANGLORE 560001

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR SUMP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION.BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & RCC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 20MM
STAIR CASE	: 20MM
RET.WALL	: 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES	: 50/50MM

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.

7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

TOP SLAB REINFORCEMENT DETAILS AT GROUND FLOOR LEVEL

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

REVNO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
R0	FOR CONSTRUCTION					

REVISIONS

STRUCTURAL CONSULTANTS

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FAX : 080-2378154

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR

CLIENTS : TSM SADUNISSA & FAMILY

ARCHITECTS : KSM

JOB No : 014019

	NAME	SIGN	DATE
DSGN	MJK		15-11-2018
DRWN	BHAVNA		
DEALT	SVP		
CHKD	MJK		
APPD	NMP		

TITLE: GROUND FLOOR LEVEL TOP SLAB REINF. DETAILS

SECTION ELEVATION MARKING / DRAWING NUMBER

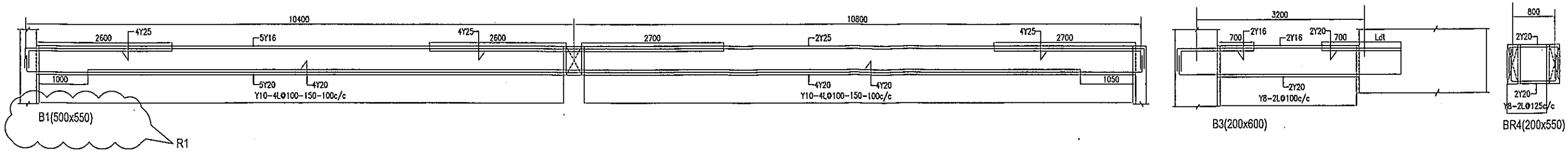
SCALE : NTS

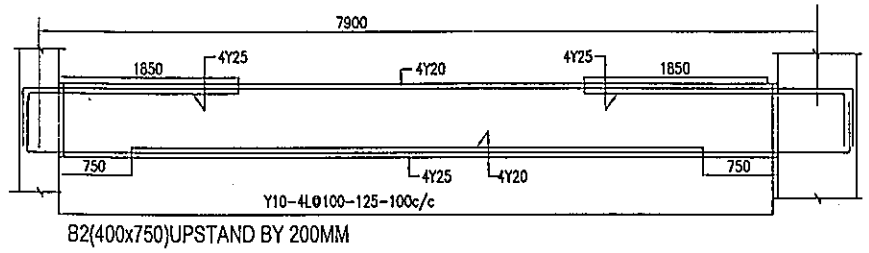
DRAWING No. 014019 - PRC - NU - 012

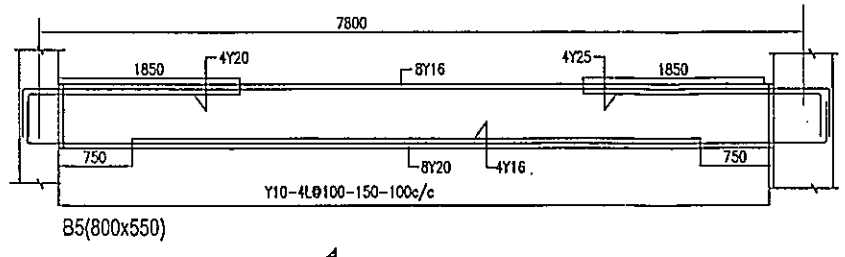
PROJECTION

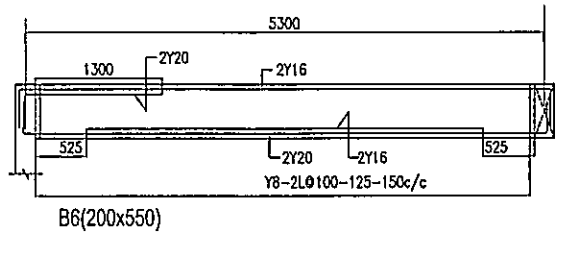
SIZE A2 REV R0

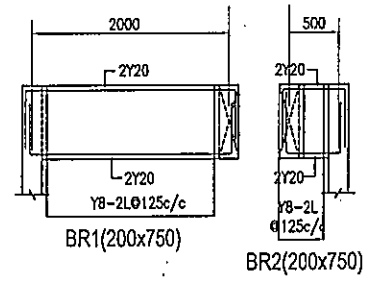
RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION

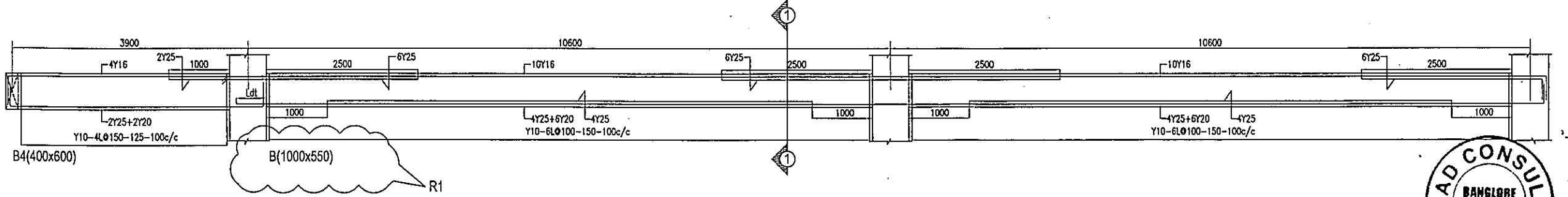


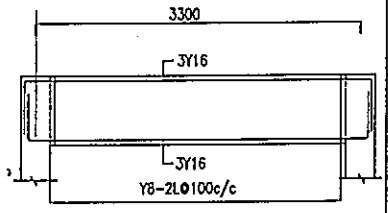


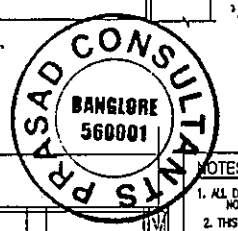


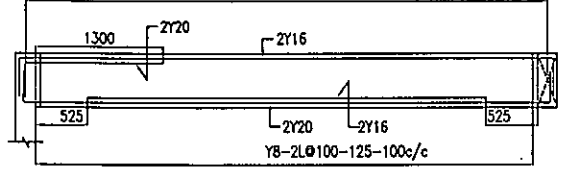


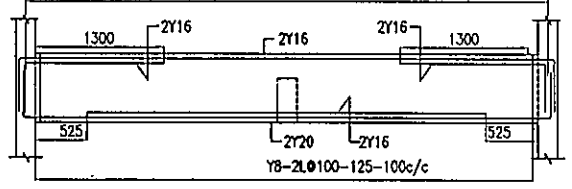


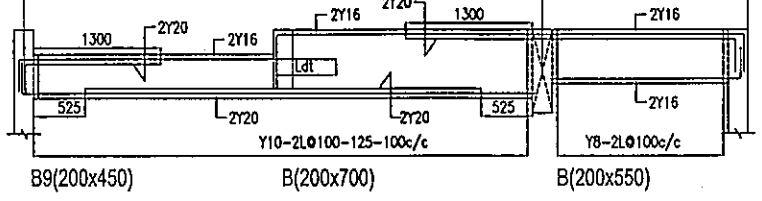


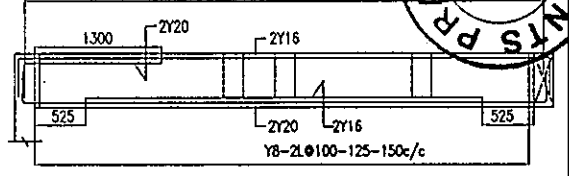


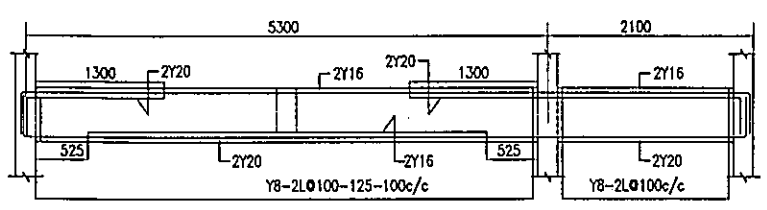


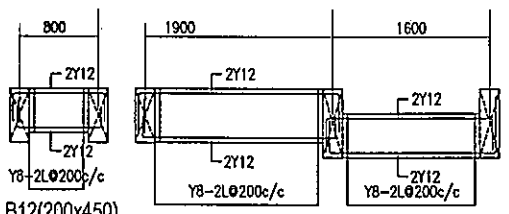


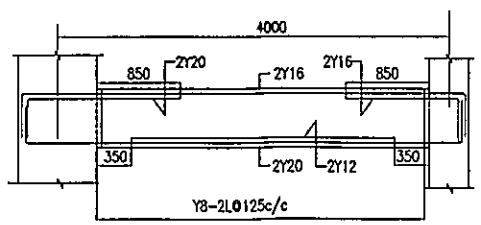


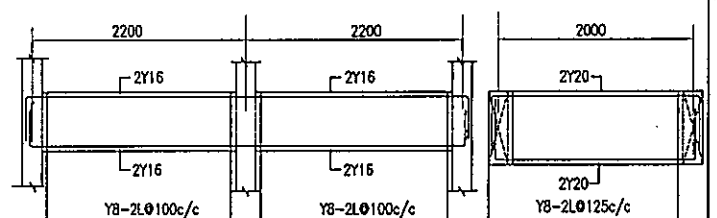


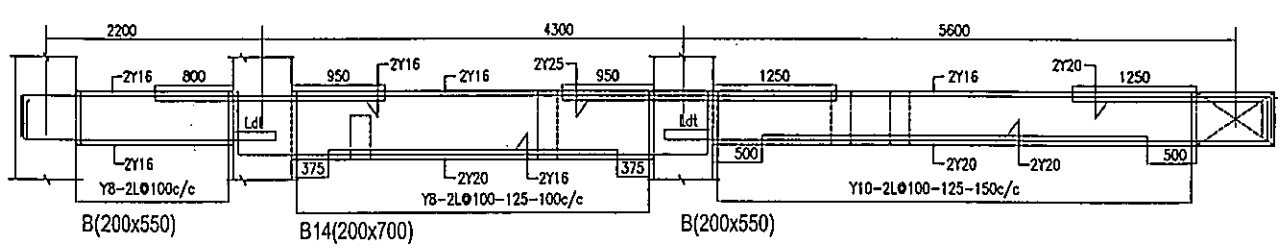


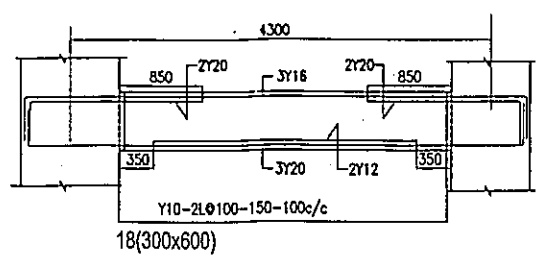


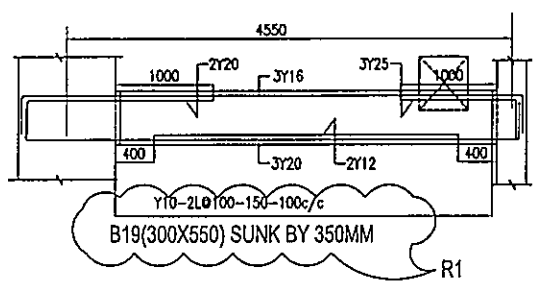


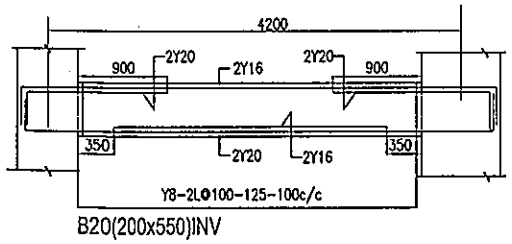


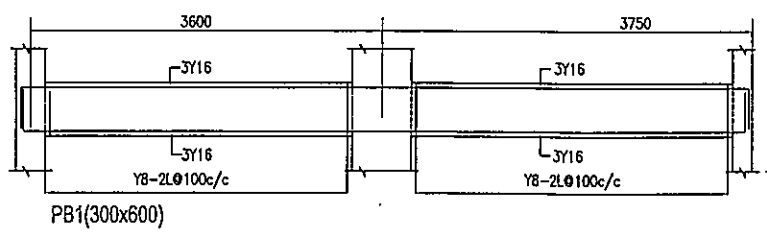


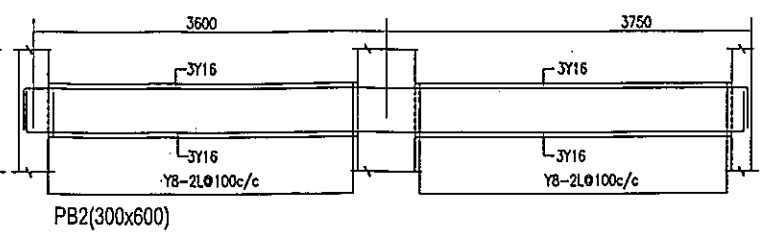


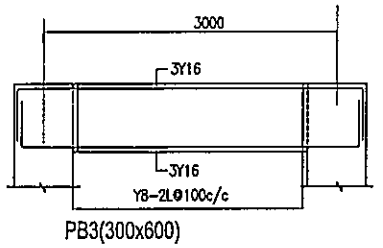












NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST
   * RELEVANT ARCHITECTURAL DRAWING.
4. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

5. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
7. Y DENOTES Fe 500 STEEL CONFORMING TO IS 1786-1985
8. CLEAR COVER TO ANY REINFORCEMENT IN

FOOTINGS	: 50MM
RAFT FOUNDATION TOP	: 50MM
RAFT FOUNDATION BOTTOM/SIDES	: 50MM
COLUMNS	: 40MM
SHEAR & RCC WALL	: 25MM
BEAMS	: 30MM
SLABS	: 25MM
STAIR CASE	: 20MM
RET.WALL	: 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES	: 50/50MM

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
9. DEVELOPMENT LENGTH SHALL BE 50 TIMES DIAMETER OF BAR.
10. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

REV.NO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
X1	BEAM B1, B4 & B10 ARE REVISED AS PER ARCH. DWG. 30-10-2015					
X0	ISSUED AS GOOD FOR CONSTRUCTION					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Pvt) India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

STRUCTURAL ENGINEERS
#0-11 & G-12 NO.37
RAMAKRISHREE CHAMBERS
CUBBON ROAD,BANGALORE-560001
PH:(080-22215648 (5 LINES)
EMAIL : info@prcindia.co.in
FAX : 080-22275164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM- GROUP
JOB No : 014019-PRC

	NAME	SIGN	DATE
DSGN	H.K		15.11.2015
DRWN	BHAVNA		
DEALT	H.K		
CHKD	H.K		
APPD	HARP		

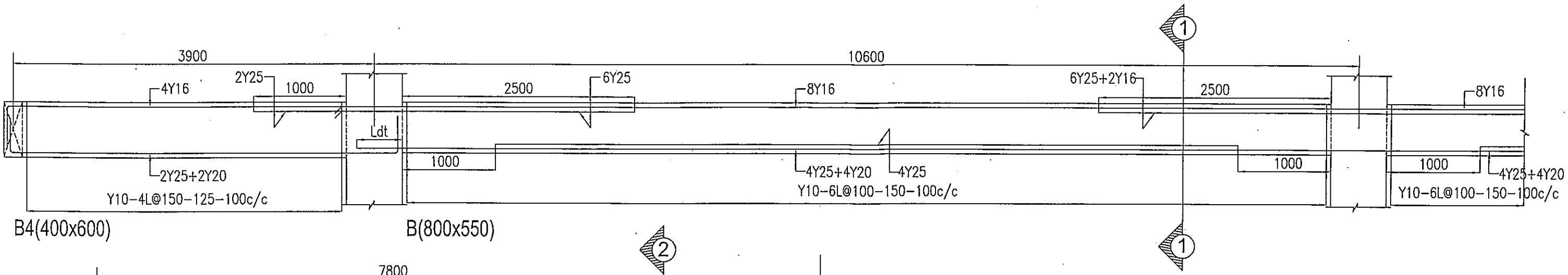
TITLE : GROUND FLOOR LVL. BEAM RIENF. DETAILS

DRAWING No. 014019 - PRC - NU - 013 | SIZE A3 | REV R1

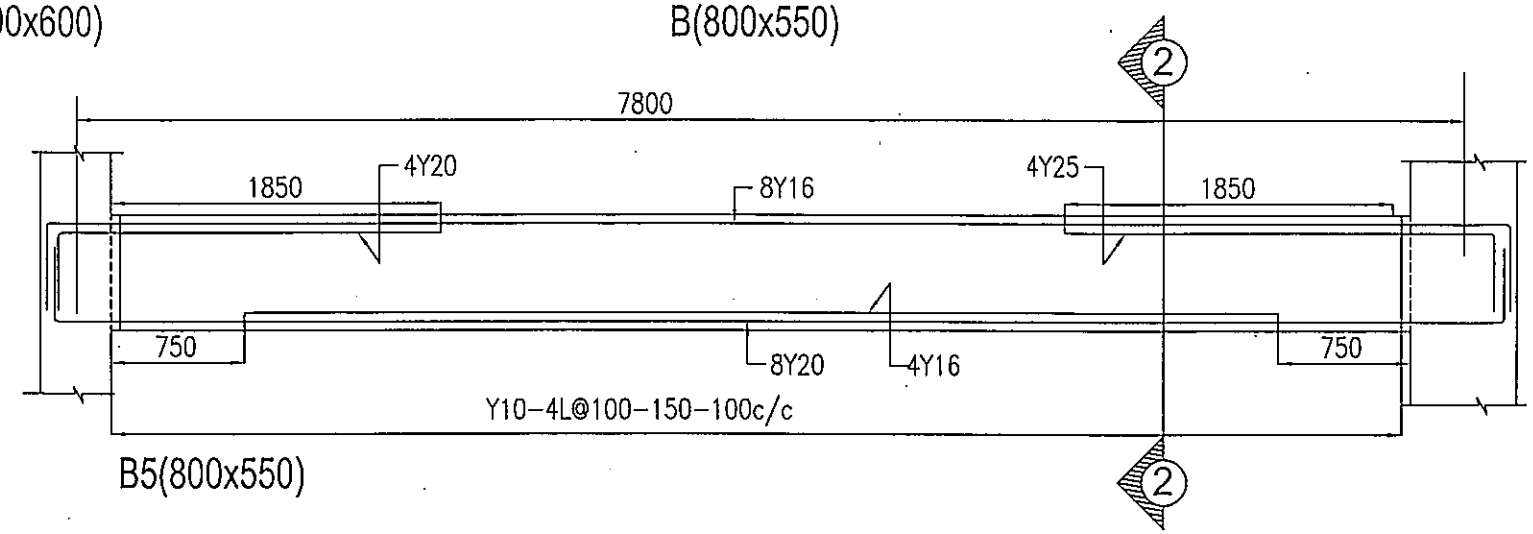
RELEASED FOR : ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☑ CONSTRUCTION

ENGINEERING INSTRUCTIONS

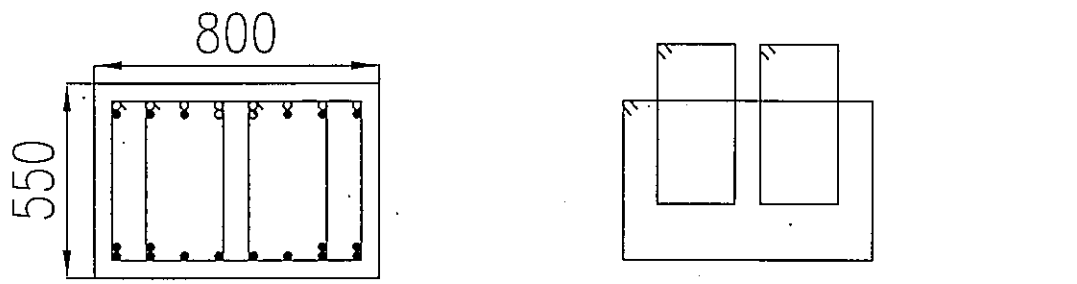
DATE : 29.11.2016



B4(400x600) B(800x550)

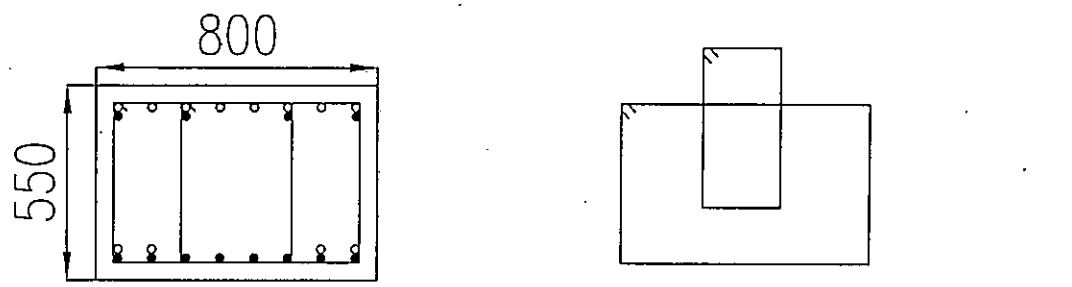


B5(800x550)



- -14Y25
- -4Y20
- -10Y16

SECTION - 1-1



- -4Y25
- -8Y20
- -12Y16

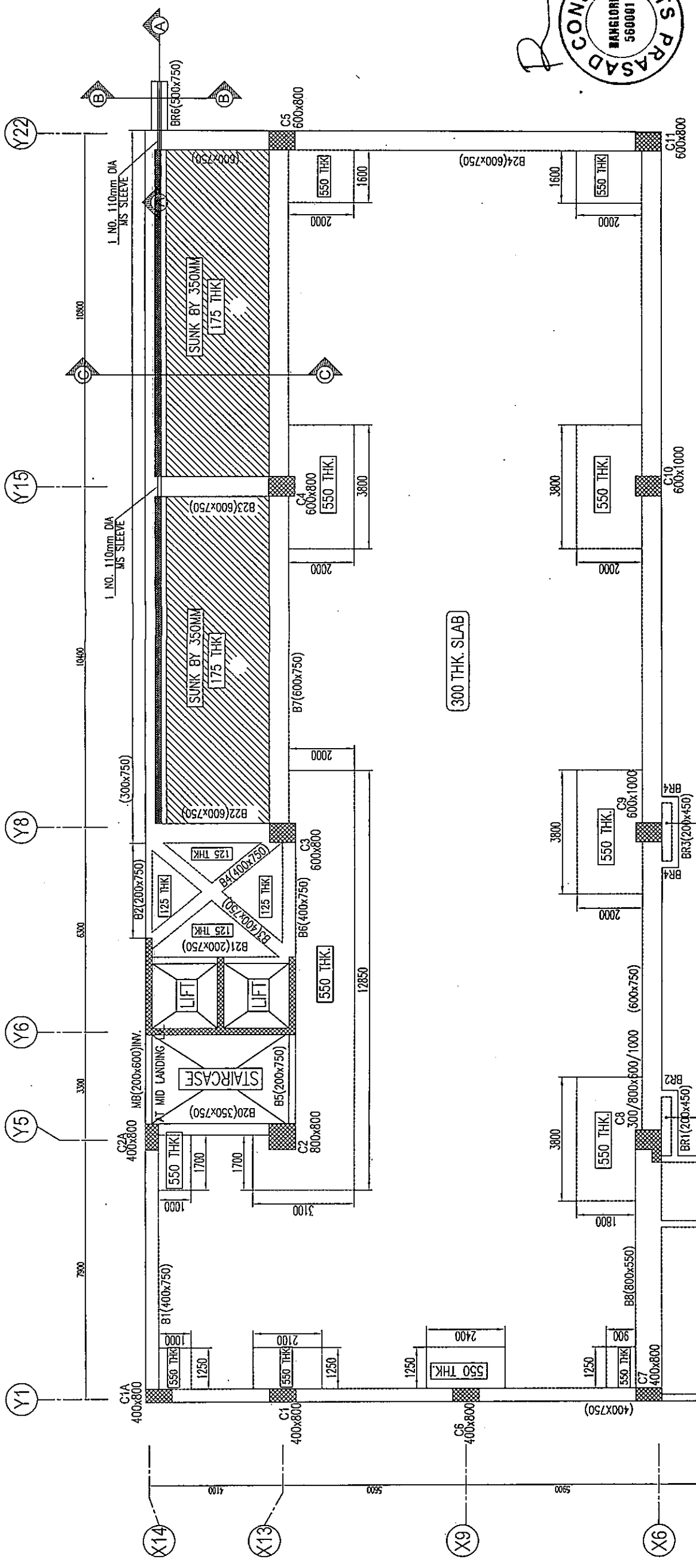
SECTION - 2-2

PRASAD CONSULTANTS BANGLORE 560001

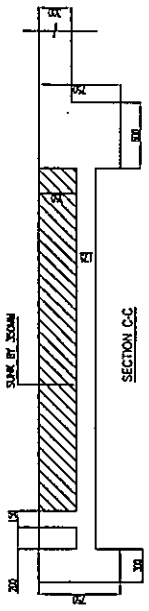
PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR	STRUCTURAL CONSULTANTS : M/s PRASAD CONSULTANTS (Prc India)
	TITLE : BEAM B4 - PART OF (800X550) SECTION DETAILS AT GROUND FLOOR LVL.

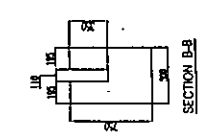
PRODUCED BY AN AUTODESK STUDENT VERSION

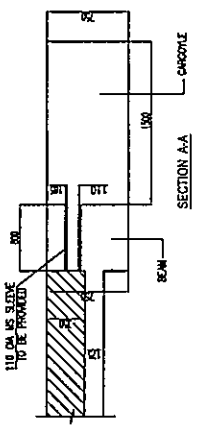
This drawing is the property of Prasad Consultants(Pvt.)Ltd.) and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use of/or in full or in part by such person or body without our prior permission in writing.



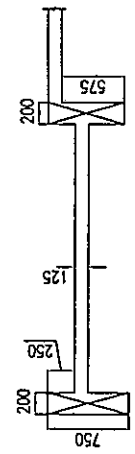
(300 THK. SLAB)

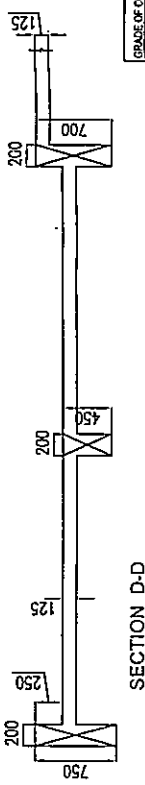






250 MM SUNK & 125 THK SLAB





GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

GENERAL ARRANGEMENT OF BEAMS AND SLABS AT THIRD FLOOR LEVEL

NOTES:
1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

NO	DESCRIPTION	REVISED	DRAWN	CHKD	APPROVED
REVISIONS					

STRUCTURAL CONSULTANTS

STRUCTURAL ENGINEERS
M/S PRASAD CONSULTANTS (Pvt India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT
RAJANASHREE CHAMBERS
CURRON ROAD,BANGALORE-560001
PH:+91-22215448 (3 LINES)
EMAIL : info@prasadindia.com
FAX : 080-2270154

PROJECT : JCT -RETAIL DEVELOPMENT AT TAMAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	H.K.		26/1/2017
DRWN	A.U.		
DCKD	H.K.		
APPD	SHRM.		

TITLE : THIRD FLOOR LAYOUT

DRAWING No. 014019 - PRC - NU - 040
PROJECTION
SIZE A2 REV R0
RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION

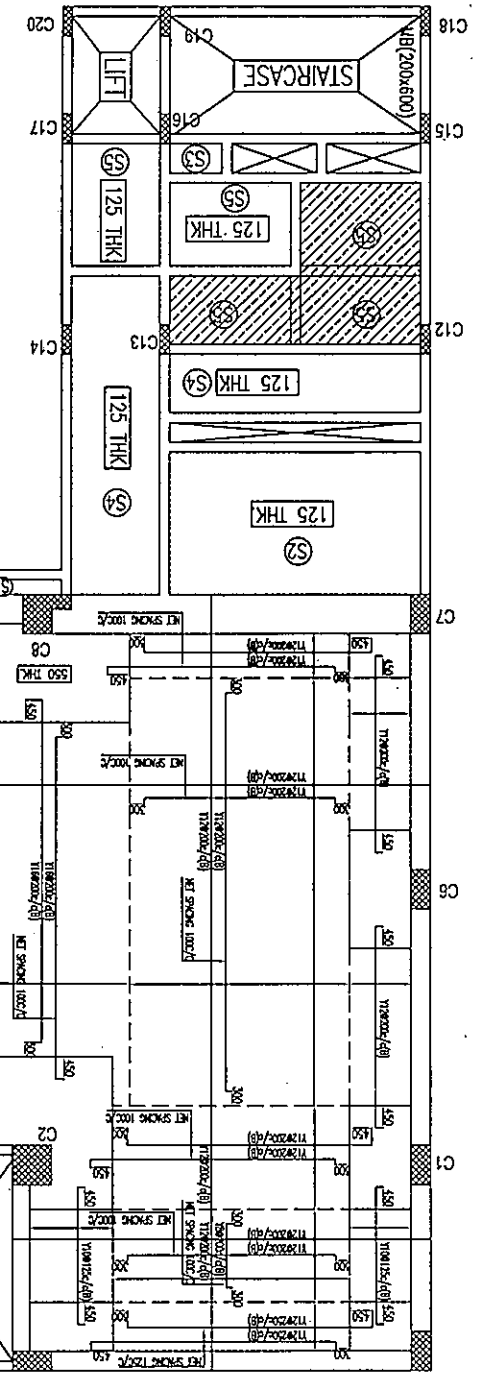
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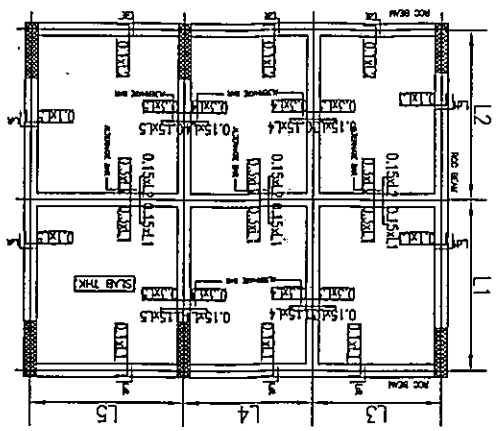
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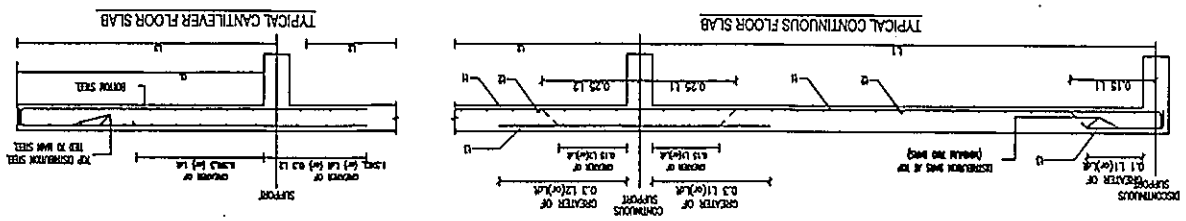
PRODUCED BY AN AUTODESK STUDENT VERSION

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

BOTTOM SLAB REINFORCEMENT DETAILS AT THIRD FLOOR LEVEL







NOTES:
1. ALL DIMENSIONS ARE IN MM.
NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH WATER/CEMENT RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112JS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
FOOTINGS : 50MM
RAFT FOUNDATION TOP : 50MM
RAFT FOUNDATION BOTTOM/SIDES : 50MM
COLUMNS : 40MM
SHEAR & RCC WALL : 25MM
BEAMS : 30MM
SLABS : 20MM
STAR CASE : 20MM
RETWALL : 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES : 50/50MM
COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY

RELEASED FOR	PRELIMINARY	TENDER	APPROVAL	CONSTRUCTION

DRAWING No. 01401 9 - PRC - NU - 041 — A2 — R0

THIRD FLOOR LEVEL
BOTTOM SLAB REINF. DETAILS

SCALE: NTS

JOB No.: 01401 9

ARCHITECTS : KSM

CLIENTS : TSM SADUSSA & FAMILY

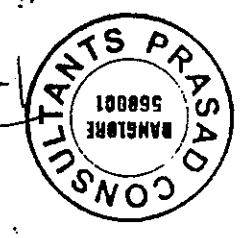
PROJECT : JCT -RETAIL DEVELOPMENT AT :NAGAR

STRUCTURAL CONSULTANTS

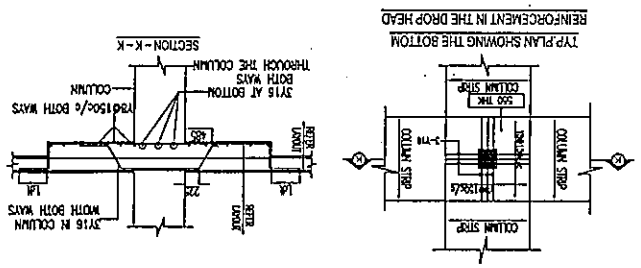
M/S PRASAD CONSULTANTS (Pvt India)
SAFE ECONOMICAL EXCELLENT & EFFICIENT
STRUCTURAL ENGINEERS
49-11-8 D-13 JK-27
KAKKANAGIRREE GARDENS
D.NO.49-11-8 D-13 JK-27
KAKKANAGIRREE GARDENS
GUNDAM ROAD,ANAKALAPE-530001
PH : 0891-2551666 (3 LINES)
EMAIL : info@prasadsada.in
FAX : 0891-2551668

REVNO	DESCRIPTION	DRAWN	CHKD	DATE
	FOR APPROVAL			

REVISIONS



SCHEDULE OF SLAB (THIRD FLOOR LVL)					
		BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
SL. NO.	SLAB TYPE	SLAB THICKNESS	REINF. IN SHORTER SPAN (l1)	REINF. IN LONGER SPAN (l2)	REINF. IN SHORTER SPAN (l3)	REINF. IN LONGER SPAN (l4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c
6	S6	175 MM	Y10@125c/c	Y8@200c/c	Y10@125c/c	Y8@200c/c



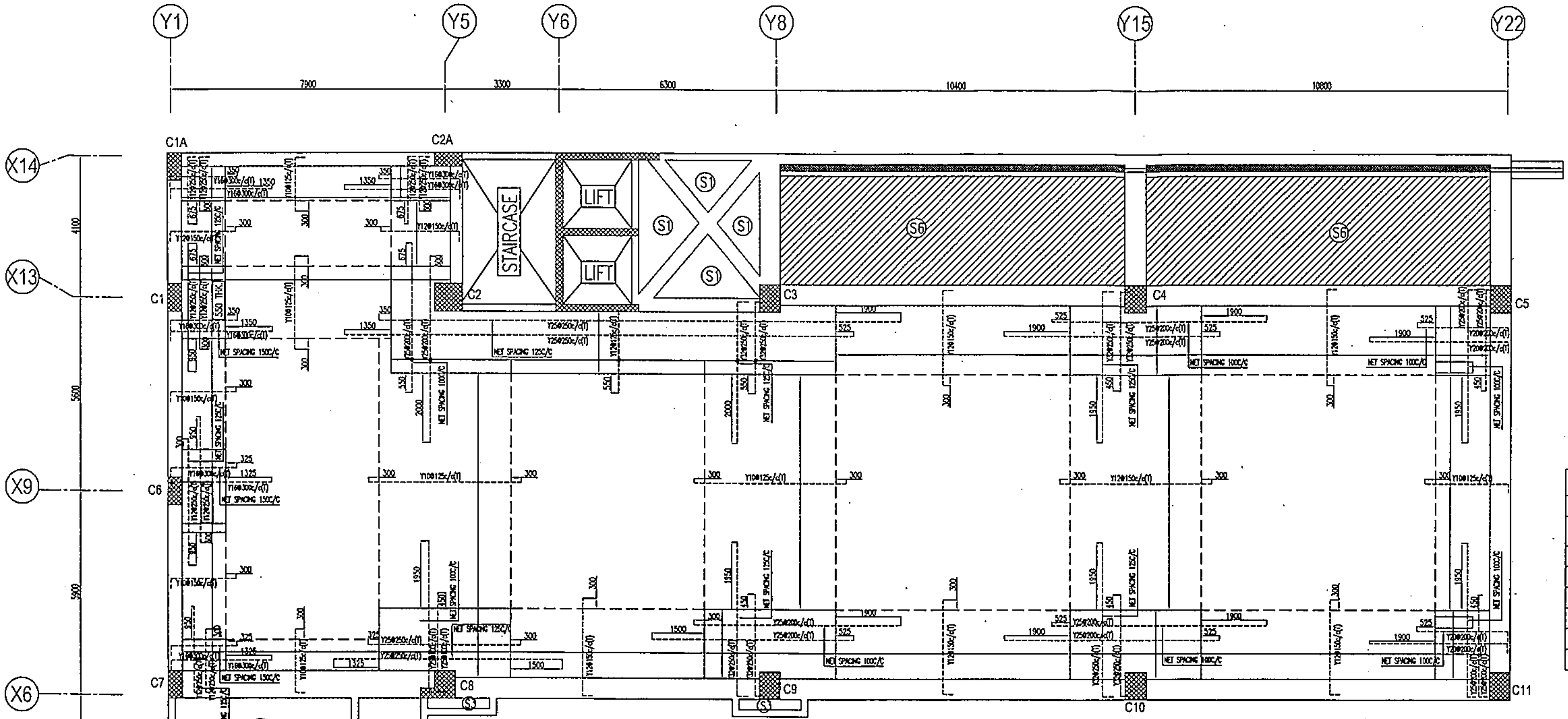
GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION - M30
2. FOR COLUMNS - M45
3. FOR SHEAR WALLS - M45
4. FOR RCC RETAINING WALL - M30
5. FOR BEAMS - M30
6. FOR SLAB - M30
7. FOR CHTAIR - M30
8. FOR STAIRCASE - M30
9. FOR SUMP & SUMP TANK WALL - M30
10. FOR PCC - M10

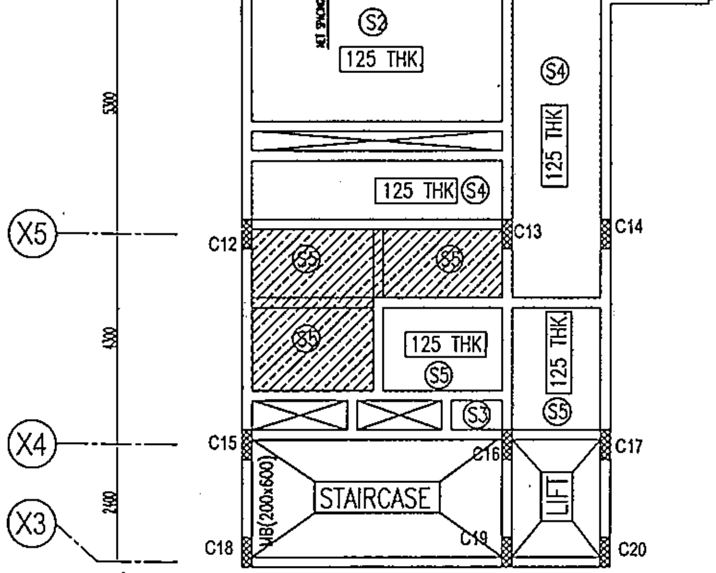
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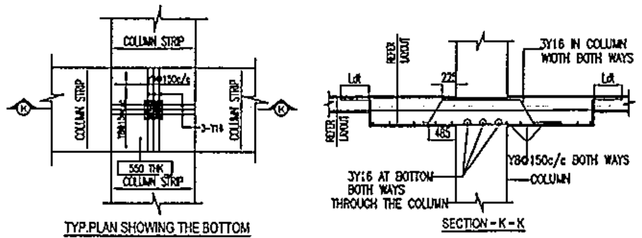
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TOP SLAB REINFORCEMENT DETAILS AT THIRD FLOOR LEVEL



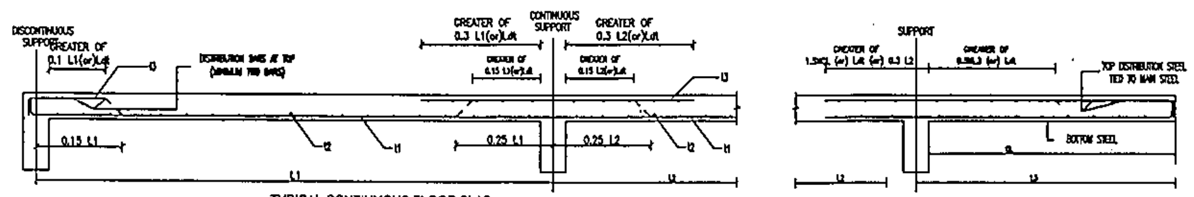
TYP.PLAN SHOWING THE BOTTOM REINFORCEMENT IN THE DROP HEAD

SECTION - K - K

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS
1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M30
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

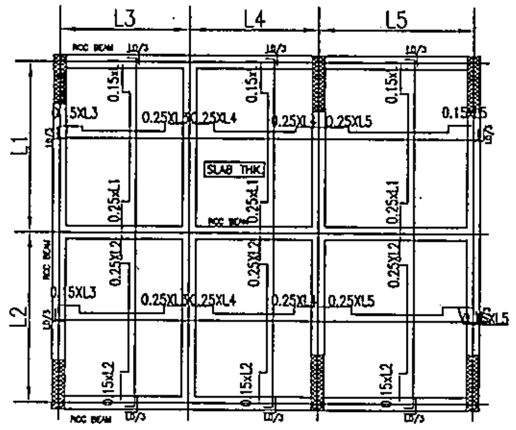
SCHEDULE OF SLAB (THIRD FLOOR LVL)

SL NO.	SLAB TYPE	SLAB THICKNESS	BOTTOM REINFORCEMENT: REINFT. IN SHORTER SPAN (L1)	BOTTOM REINFORCEMENT: REINFT. IN LONGER SPAN (L2)	TOP REINFORCEMENT: REINFT. IN SHORTER SPAN (L3)	TOP REINFORCEMENT: REINFT. IN LONGER SPAN (L4)
1	S1	125 MM	Y8@175c/c	Y8@175c/c	Y8@175c/c	Y8@175c/c
2	S2	125 MM	Y8@150c/c	Y8@200c/c	Y8@150c/c	Y8@200c/c
3	S3	125 MM	Y8@225c/c	Y8@250c/c	Y8@225c/c	Y8@250c/c
4	S4	125 MM	Y8@200c/c	Y8@250c/c	Y8@200c/c	Y8@250c/c
5	S5	125 MM	Y8@200c/c	Y8@225c/c	Y8@200c/c	Y8@225c/c
6	S6	175 MM	Y10@125c/c	Y8@200c/c	Y10@125c/c	Y8@200c/c

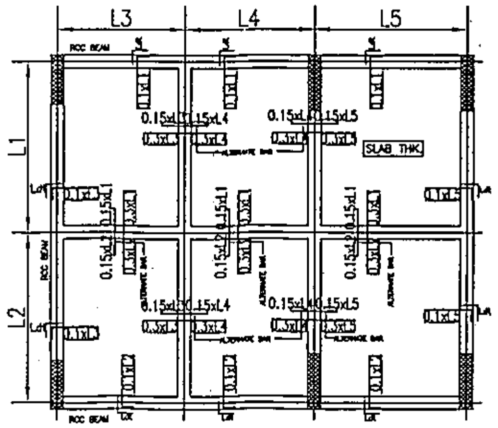


TYPICAL CONTINUOUS FLOOR SLAB

TYPICAL CANTILEVER FLOOR SLAB



TYP. SLAB BOTTOM REINFORCEMENT CURTAILMENT DETAILS



TYP. SLAB TOP REINFORCEMENT CURTAILMENT DETAILS

NOTE: PROVIDE DISTRIBUTION STEEL Y8@250C/C WHEREVER IF REQUIRED ONLY.

NOTES:

1. ALL DIMENSIONS ARE IN MM. NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112,IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786–2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   FOOTINGS : 50MM
   RAFT FOUNDATION TOP : 50MM
   RAFT FOUNDATION,BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
SAFE,ECONOMICAL,EXCELLENT & EFFICIENT

STRUCTURAL ENGINEERS
RAMANASHREE CHAMBERS
CUBBON ROAD,BANGALORE-560001

PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

TITLE: THIRD FLOOR LEVEL TOP SLAB REINF. DETAILS

DRAWING No. 014019 - PRC - NU - 042 | SIZE A2 | REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☒ CONSTRUCTION

PRODUCED BY AN AUTODESK STUDENT VERSION

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CONSULTANTS PRASAD 568081 BANGLORE

REV NO	DESCRIPTION	DRAWN	SCHD	CHKD	APPD
	ISSUED AS GOOD FOR CONSTRUCTION				

STRUCTURAL CONSULTANTS

REVISIONS

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STRUCTURAL ENGINEERS
CONSULTANCY SERVICES
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PH:080-22214444 (5 LINES)
EMAIL:mail@prasadsa.in
FAX:080-22210158

PROJECT: JCT-FETAL DEVELOPMENT AT THAVAGAR
CLIENTS: TSM SADUSSA & FAMILY
ARCHITECTS: KSNK GROUP
JOB No: 014019-PRC
DRAWN: CHKD: APPD:
TITLE: THIRD FLOOR LVL. BEAM RIENF. DETAILS
DRAWING No. 014019 - PRC - NU - 043
SIZE A2
REV R0
RELEASED FOR: PRELIMINARY / TENDER / INFORMATION / APPROVAL / CONSTRUCTION

NOTES:
1. ALL DIMENSIONS ARE IN MM.
NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
4. GRADE OF CONCRETE WITH WORKING W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cum	0.50
M30	320 Kg/Cum	0.45
M35	340 Kg/Cum	0.45
M40	360 Kg/Cum	0.40
M45	380 Kg/Cum	0.40

5. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112& 455 & IS 1489
7. 'Y' DENOTS Fe 500 STEEL CONFORMING TO IS 1786-1985
8. CLEAR COVER TO ANY REINFORCEMENT IN
FOOTINGS : 50MM
RAFT FOUNDATION TOP : 50MM
RAFT FOUNDATION&BOTTOM/SIDES : 50MM
COLUMNS : 40MM
SHEAR & ROD WALL : 25MM
BEAMS : 30MM
SLABS : 25MM
STAIR CASE : 20MM
RETAWALL : 30/50MM(EARTH SIDE)
WATER RETAINING STRUCTURES : 50/50MM
CONSTRUCTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR/PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.
9. DEVELOPMENT LENGTH SHALL BE 50 TIMES DIAMETER OF BAR.
10. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUE OF STRUCTURAL DRAWINGS ONLY

B8(600X750) CONTINUES

B8(800X550)

B8(200X750)

B6(400X750)

B5(200X750)

B14(200X550)

B13(200X700)

B16(200X750)

B18(200X700)

B18(200X550)

B19(200X750)

B20(350X750)

B21(200X700)

B24(600X750)

B26(500X750)

B3(600X750)

B7(600X750)

B10(200X550)

B11(200X700)

B12(200X450)

B12(200X700)

B12(200X550)

B4(400X750)

B15(200X750)

B17(200X700)

B17(200X450)

B9(200X550)

BR1(200X450)

BR2(200X450)

BR3(200X450)

BR4(200X450)

BR5(200X450)

B22(600X750)

B23(600X750)

MB(200X600)NW

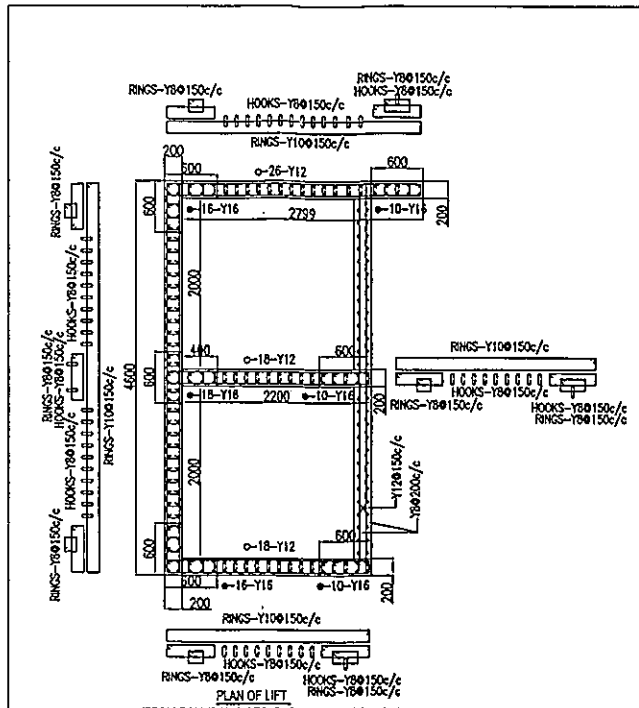
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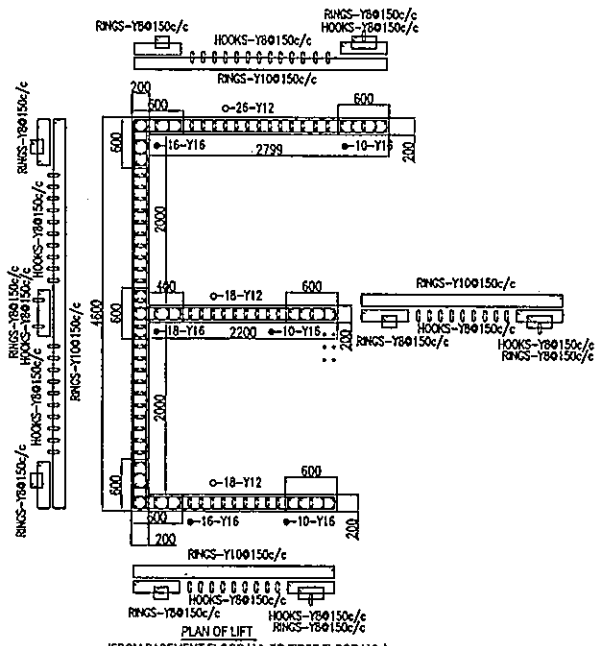
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SCHEDULE OF COLUMNS

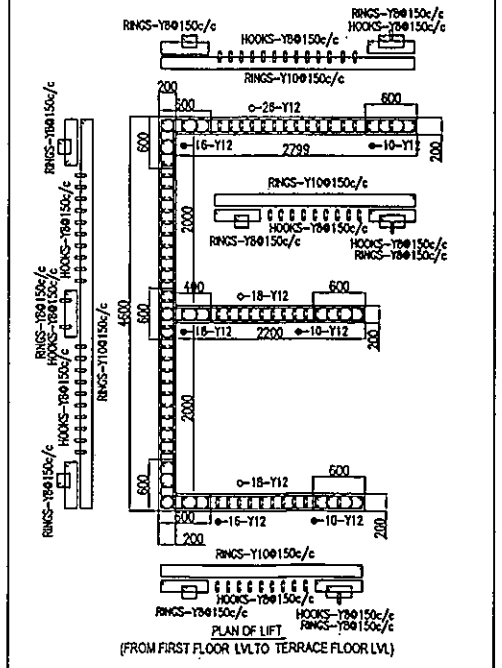
COLUMN TYPE	GRADE OF CONCRETE	GRADE OF STEEL	LATERAL TIES	REINFORCEMENT DETAILS: FOUNDATION TO FIRST FLOOR LVL	FIRST FLOOR TO SECOND FLOOR LVL	SECOND FLOOR TO TERRACE & ABOVE FLOOR LVL	STIRRUPS	REMARKS
C1,C1A C2A	M45	Fe500	Y8@100-250-100c/c	800 x 800 — 18-Y20	800 x 1000 — 18-Y16	800 x 1000 — 12-Y16, 6-Y12		
C2	M45	Fe500	Y8@100-300-100c/c	850 x 850 — 20-Y20	850 x 850 — 20-Y20	850 x 850 — 20-Y20		
C3	M45	Fe500	Y8@100-300-100c/c	1000 x 600 — 12-Y32, 18-Y25	800 x 600 — 25-Y25	800 x 600 — 12-Y25, 14-Y20		
C4	M45	Fe500	Y8@100-300-100c/c	1000 x 600 — 38-Y32	800 x 600 — 26-Y32	800 x 600 — 18-Y32, 10-Y25		
C5	M45	Fe500	Y8@100-300-100c/c	800 x 600 — 16-Y32, 10-Y25	800 x 600 — 8-Y32, 18-Y25	800 x 600 — 8-Y32, 18-Y25		
C6	M45	Fe500	Y8@100-300-100c/c	800 x 600 — 12-Y32, 8-Y25	800 x 600 — 20-Y25	800 x 600 — 20-Y25		
C7	M45	Fe500	Y8@100-300-100c/c	800 x 1000 — 8-Y25, 10-Y20	800 x 1000 — 18-Y20	800 x 1000 — 18-Y20		
C8	M45	Fe500	Y8@100-300-100c/c	600 x 1000 — 16-Y32, 14-Y25	600 x 1000 — 30-Y25	600 x 1000 — 30-Y20		
C9	M45	Fe500	Y8@100-300-100c/c	1000 x 600 — 20-Y32, 10-Y25	800 x 600 — 12-Y32, 14-Y25	800 x 600 — 4-Y32, 22-Y25		
C10	M45	Fe500	Y8@100-300-100c/c	1000 x 600 — 34-Y32	800 x 600 — 26-Y32	800 x 600 — 8-Y32, 18-Y25		
C11	M45	Fe500	Y8@100-300-100c/c	800 x 600 — 18-Y32, 10-Y25	800 x 600 — 12-Y32, 14-Y25	800 x 600 — 12-Y32, 14-Y25		
C12	M45	Fe500	Y8@100-175-100c/c	600 x 300 — 12-Y16	600 x 300 — 8-Y16, 4-Y12	600 x 300 — 8-Y16, 4-Y12		
C13	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 4-Y25, 8-Y20	600 x 300 — 12-Y16	600 x 300 — 8-Y16, 4-Y12		
C14	M45	Fe500	Y8@100-175-100c/c	600 x 300 — 12-Y16	600 x 300 — 8-Y16, 4-Y12	600 x 300 — 8-Y16, 4-Y12		
C15	M45	Fe500	Y8@100-175-100c/c	600 x 300 — 12-Y16	600 x 300 — 8-Y16, 4-Y12	600 x 300 — 8-Y15, 4-Y12		
C16	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 12-Y20	600 x 300 — 12-Y16	600 x 300 — 12-Y16		
C17, C18, C19 & C20	M45	Fe500	Y8@100-175-100c/c	600 x 300 — 12-Y16	600 x 300 — 8-Y16, 4-Y12	600 x 300 — 4-Y16, 8-Y12		
SC1	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 10-Y12				COLUMNS UP TO BASEMENT FLOOR
SC2	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 12-Y12				COLUMNS UP TO BASEMENT ROOF
SC2A	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 12-Y12				COLUMN UP TO -2m LEVEL
SC3	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 10-Y12				COLUMNS UP TO BASEMENT ROOF
SC3A	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 10-Y12				COLUMNS UP TO RAMP LVL.
SC4	M45	Fe500	Y8@100-250-100c/c	600 x 600 — 12-Y16				COLUMNS UP TO BASEMENT ROOF
SC5	M45	Fe500	Y8@100-250-100c/c	800 x 300 — 10-Y16, 8-Y12				COLUMNS UP TO BASEMENT ROOF
DG1,DG2 DG3,DG4 DG5,DG6	M45	Fe500	Y8@100-250-100c/c	600 x 300 — 14-Y16				



PLAN OF LIFT
(FROM FOUNDATION TO BASEMENT FLOOR LVL)



PLAN OF LIFT
(FROM BASEMENT FLOOR LVL TO FIRST FLOOR LVL.)



PLAN OF LIFT
(FROM FIRST FLOOR LVL TO TERRACE FLOOR LVL)

PRASAD CONSULTANTS BANGLORE 560001

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPTIAL – M45
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cu.M	0.50
M30	320 Kg/Cu.M	0.45
M35	340 Kg/Cu.M	0.45
M40	360 Kg/Cu.M	0.40
M45	380 Kg/Cu.M	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   PILE : 75MM
   RAFT FOUNDATION/PILE CAP TOP : 50MM
   RAFT/PILE CAP FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

REV NO	DESCRIPTION	DESIGNED	DRAWN	DCKD	CHECKED	APPROVED
R0	FOR APPROVAL					

REVISIONS

STRUCTURAL CONSULTANTS

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EMAIL : info@prcindia.co.in
FAX : 080-2278184

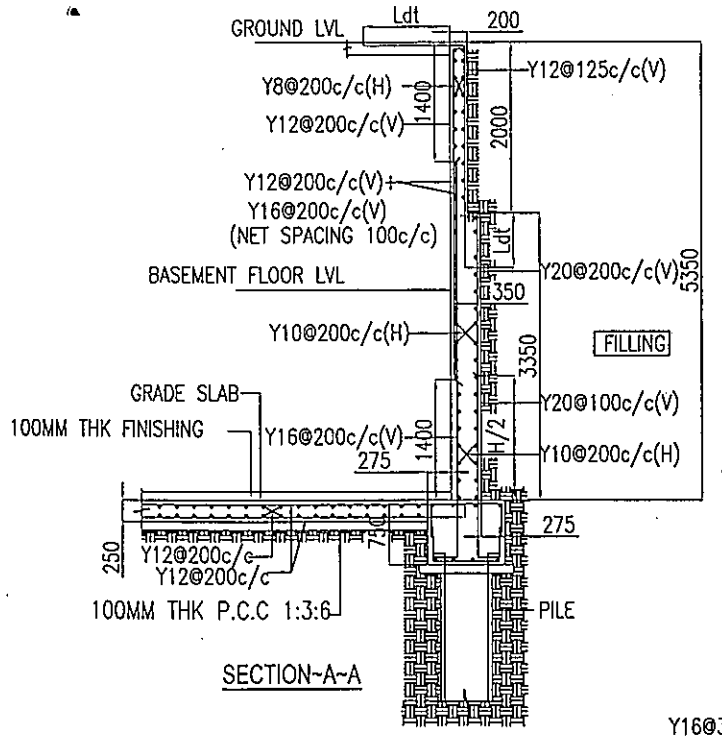
PROJECT : JCT -RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	H.K		30-05-2016
DRWN	A.U		
DCKD	S.V		
CHKD	H.K		
APPD	MANP		

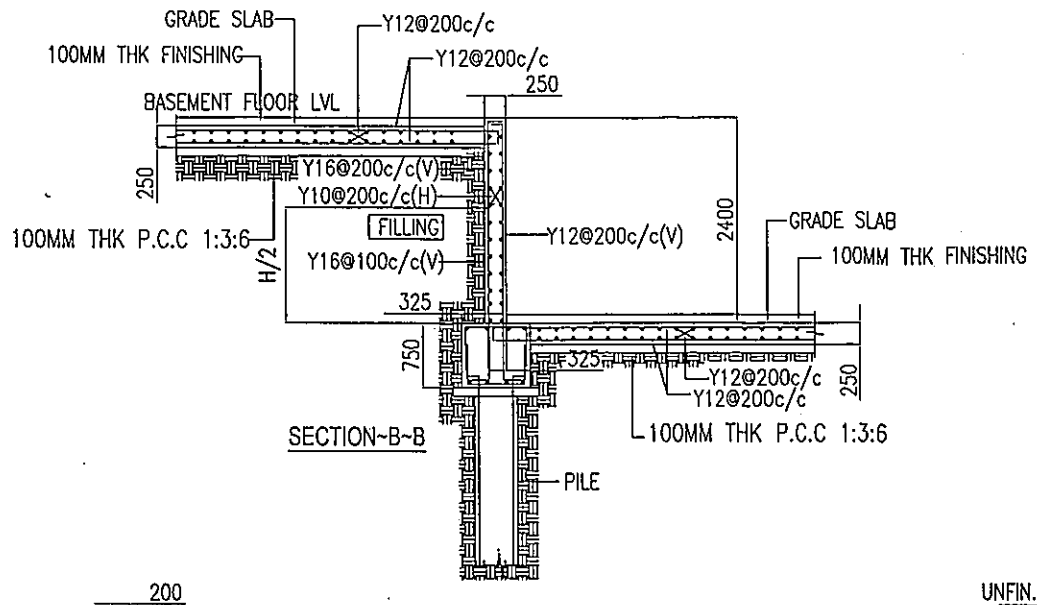
TITLE: SCHEDULE OF COLUMNS

DRAWING No. 014019 - PRC - RC - 006
SIZE A2 REV R0
SCALE NTS
RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☐ CONSTRUCTION

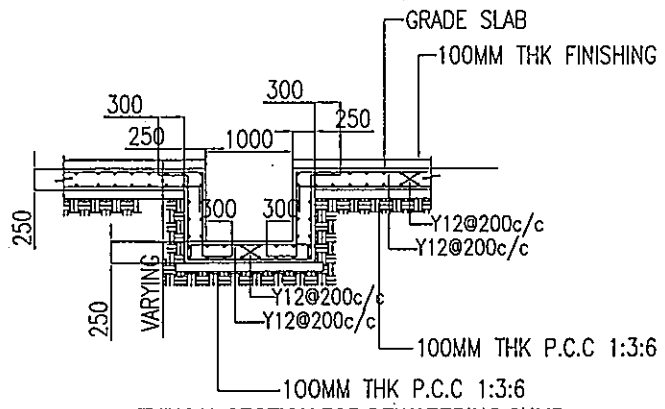
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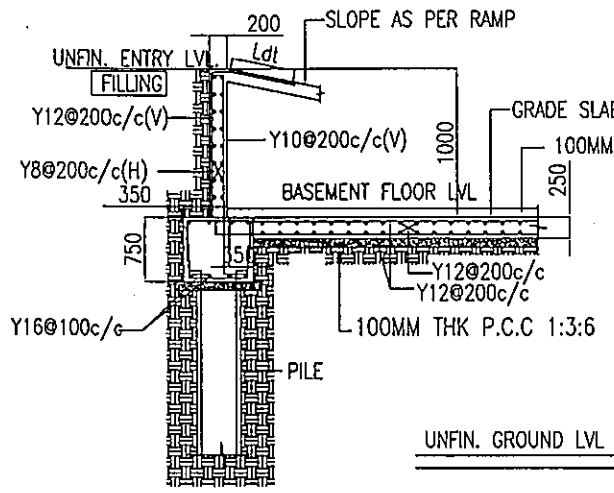
SECTION~A~A



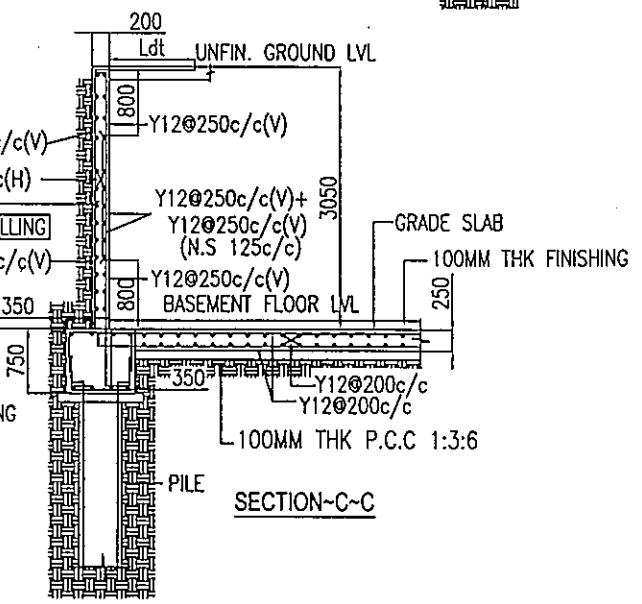
SECTION~B~B



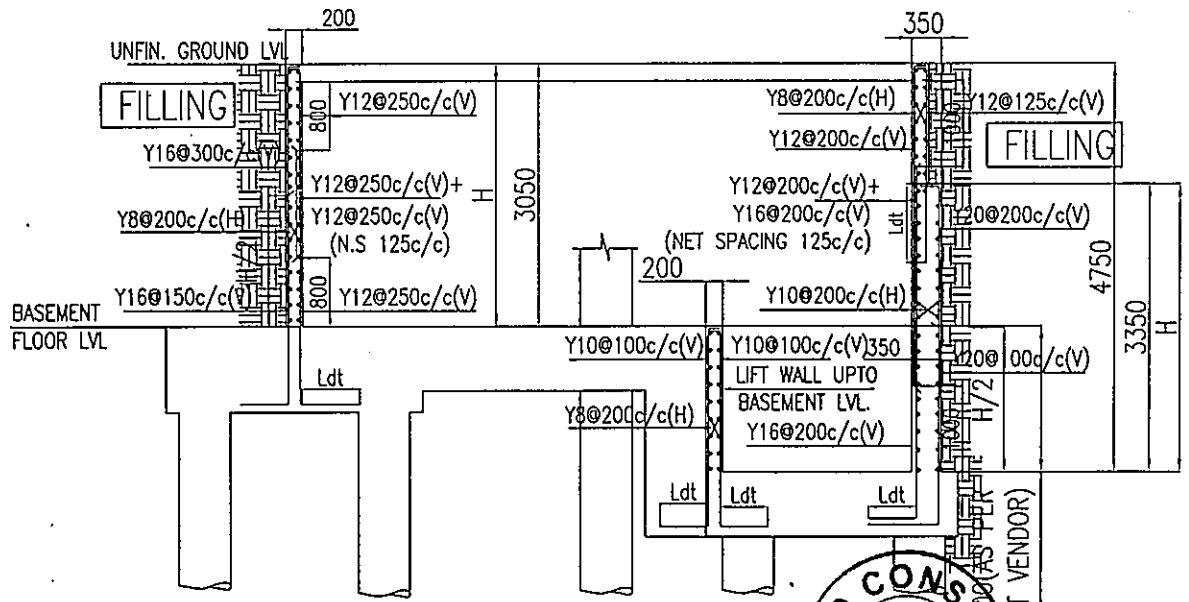
TYPICAL SECTION FOR DEWATERING SUMP



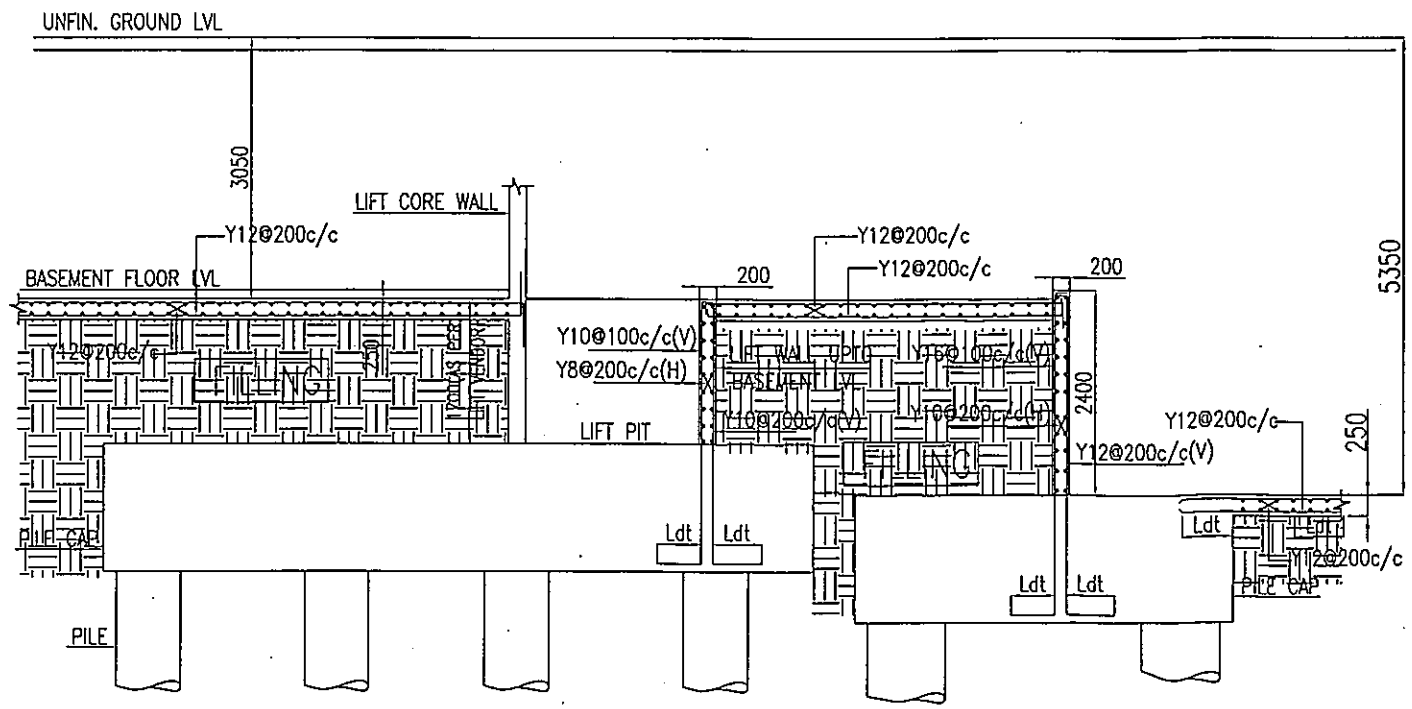
SECTION~D~D



SECTION~C~C



SECTION~G~G



SECTION~F~F

USE M30 GRADE CONCRETE FOR ALL STRUCTURAL ELEMENTS

NOTES:

1. ALL DIMENSIONS ARE IN MM.
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2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/Cu.M	0.50
M30	320 Kg/Cu.M	0.45
M35	340 Kg/Cu.M	0.45
M40	360 Kg/Cu.M	0.40
M45	380 Kg/Cu.M	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTES Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   PILE : 75MM
   RAFT FOUNDATION/PILE CAP TOP : 50MM
   RAFT/PILE CAP FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
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PRASAD CONSULTANTS BANGLORE 560001

REVISIONS						
REVNO	DESCRIPTION	DESIGNED	DRAWN	DEALT	CHECKED	APPROVED
00	FOR APPROVAL					

STRUCTURAL CONSULTANTS

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ARCHITECTS : KSM
JOB No : 014019

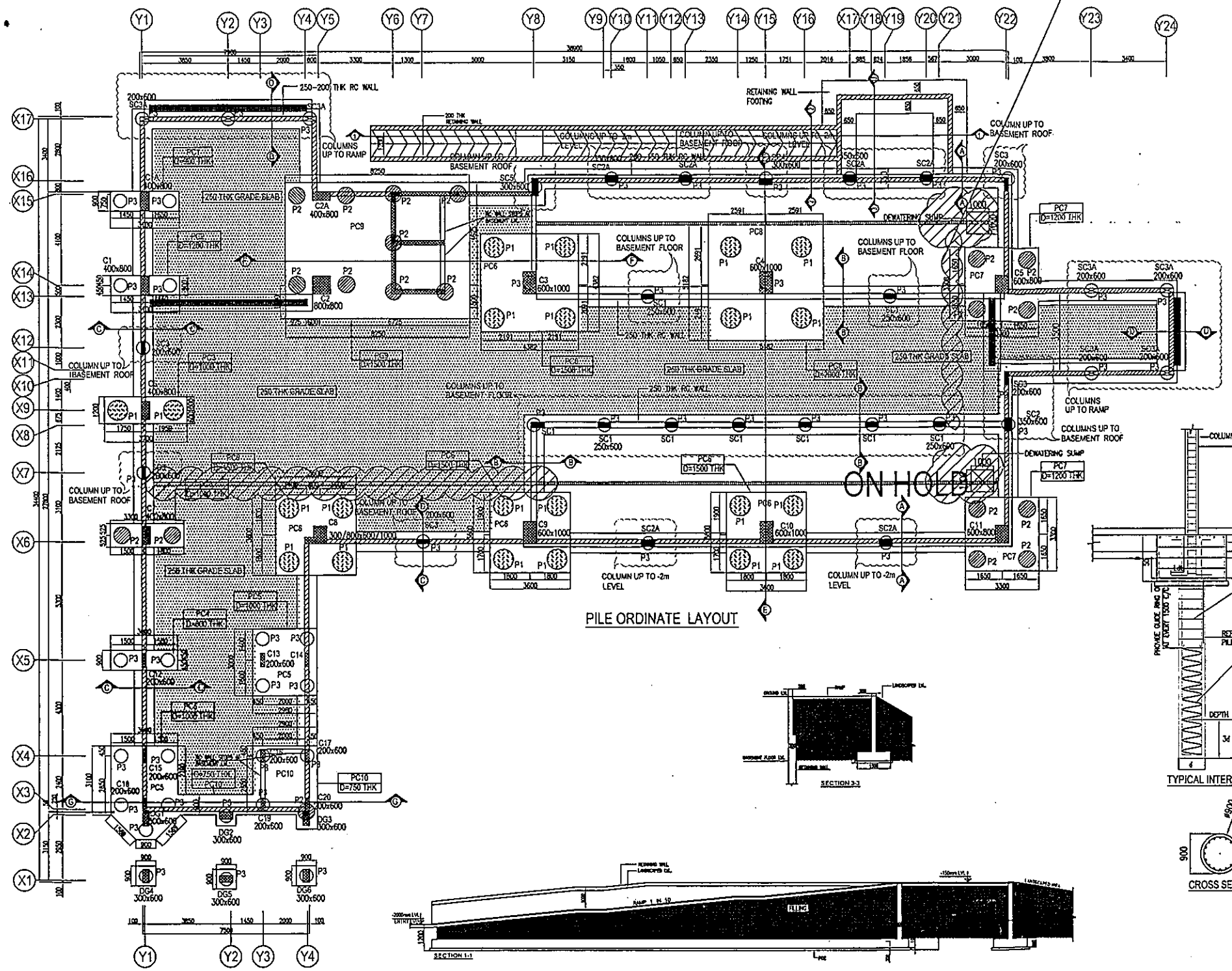
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DSGN	M.K		29-05-2014
DRWN	AU		
DEALT	S.V		
CHKD	M.K		
APPD	MMP		

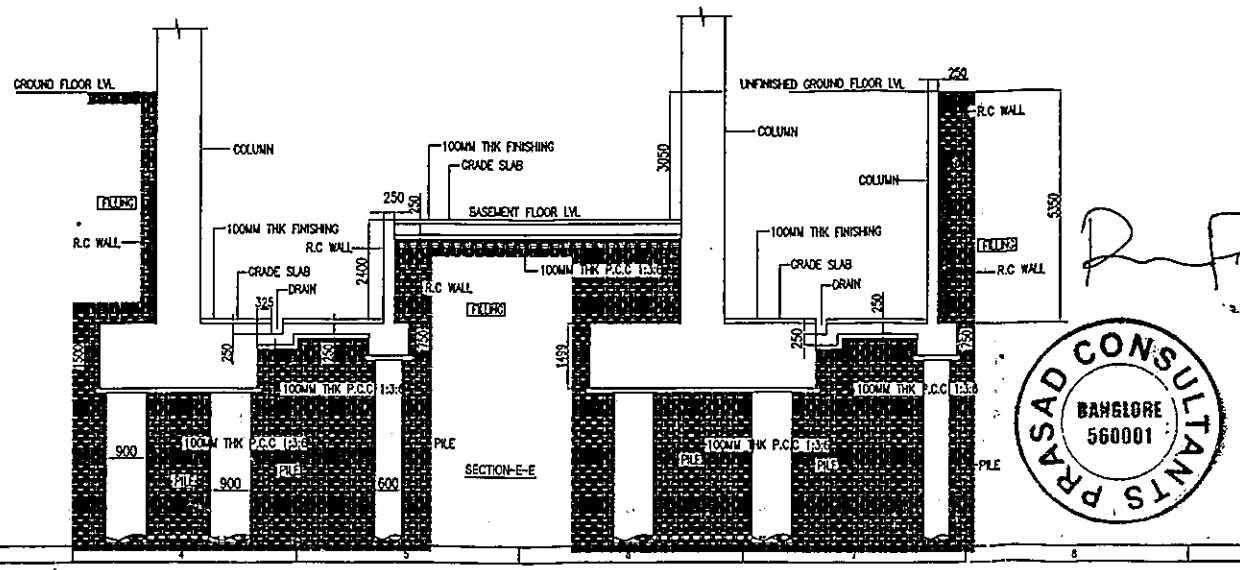
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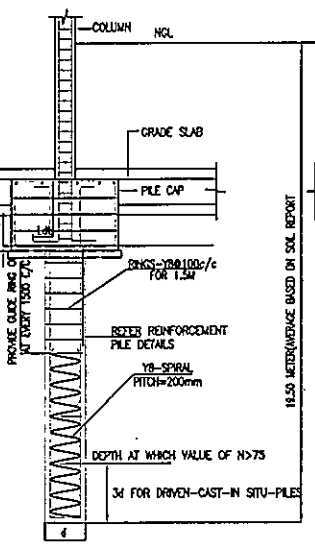
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DRAWING No. 014019 - PRC - RC - 007
SIZE A2 REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☐ CONSTRUCTION

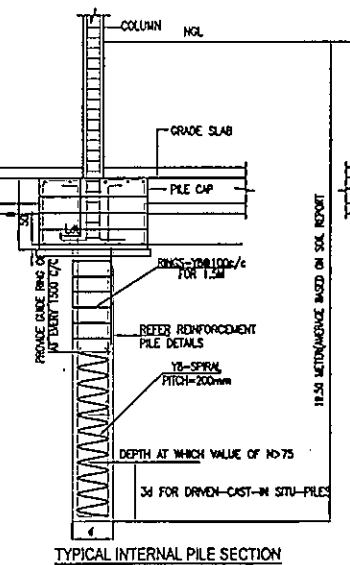
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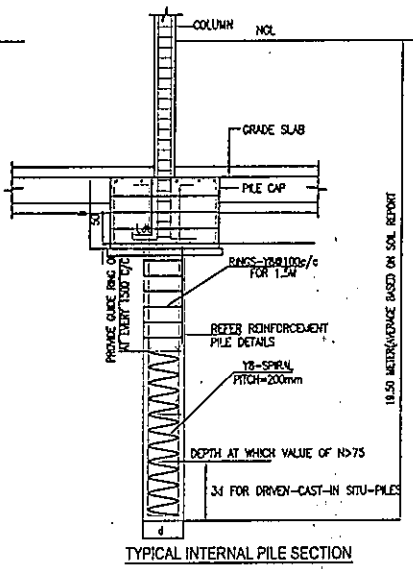




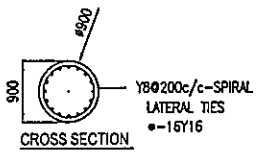
TYPICAL INTERNAL PILE SECTION



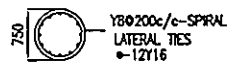
TYPICAL INTERNAL PILE SECTION

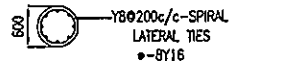


TYPICAL INTERNAL PILE SECTION



CROSS SECTION





INDEX:

- P1 — 900 DIA PILE
- P2 — 750 DIA PILE
- P3 — 600 DIA PILE

GRADE OF CONCRETE FOR STRUCTURAL ELEMENTS

1. FOR PILE FOUNDATION – M30
2. FOR COLUMNS – M45
3. FOR SHEAR WALLS – M45
4. FOR R.C.C RETAINING WALL – M30
5. FOR BEAMS – M30
6. FOR SLAB – M30
7. FOR CAPITAL – M15
8. FOR STAIRCASE – M30
9. FOR STP & SUMP TANK WALL – M30
10. FOR P.C.C – M10

USE M30 GRADE CONCRETE FOR ALL STRUCTURAL ELEMENTS

NOTES:

1. ALL DIMENSIONS ARE IN MM.
   NO DIMENSION SHALL BE SCALED FROM THE DRAWING.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LATEST RELEVANT ARCHITECTURAL DRAWING.
3. GRADE OF CONCRETE WITH MAXIMUM W/C RATIO

GRADE OF CONCRETE	MINIMUM CEMENT CONTENT	MAXIMUM WATER CEMENT RATIO
M25	300 Kg/CuM	0.50
M30	320 Kg/CuM	0.45
M35	340 Kg/CuM	0.45
M40	360 Kg/CuM	0.40
M45	380 Kg/CuM	0.40

4. USE 53/43 GRADE ORDINARY PORTLAND CEMENT/PORTLAND POZZALANA CEMENT CONFORMING TO IS 8112/IS 455 & IS 1489
5. Y DENOTS Fe 500 STEEL CONFORMING TO IS 1786-2008
6. CLEAR COVER TO OUTERMOST REINFORCEMENT IN
   PILE : 75MM
   RAFT FOUNDATION/PILE CAP TOP : 50MM
   RAFT/PILE CAP FOUNDATION.BOTTOM/SIDES : 50MM
   COLUMNS : 40MM
   SHEAR & RCC WALL : 25MM
   BEAMS : 30MM
   SLABS : 20MM
   STAIR CASE : 20MM
   RET.WALL : 30/50MM(EARTH SIDE)
   WATER RETAINING STRUCTURES : 50/50MM
   COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR.PROPER CARE SHALL BE TAKEN TO AVOID SEGGREGATION AND HONEYCOMBING.
7. THE STRUCTURAL CONSULTANTS RESPONSIBILITY IS LIMITED TO DESIGN AND ISSUAL OF STRUCTURAL DRAWINGS ONLY

PRASAD CONSULTANTS BANGLORE 560001

REV NO.	DESCRIPTION	DESIGNED	DRAWN	DCKD	CHECKED	APPROVED
01	FOR APPROVAL					

REVISIONS

STRUCTURAL CONSULTANTS

M/s PRASAD CONSULTANTS (Prc India)
SAFE ECONOMICAL, EXCELLENT & EFFICIENT

STRUCTURAL ENGINEERS
#3-11 & 3-12 NO.37
RAMAKASHREE CHAMBERS
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PH : 080-22215646 (3 LINES)
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FAX : 080-22278164

PROJECT : JCT-RETAIL DEVELOPMENT AT T-NAGAR
CLIENTS : TSM SADUNISSA & FAMILY
ARCHITECTS : KSM
JOB No : 014019

	NAME	SIGN	DATE
DSGN	HJL		20-06-2018
DRWN	AU		
DCKD	SLV		
CHKD	HJL		
APPD	MHP		

TITLE: PILECAP LAYOUT

SCALE NTS

DRAWING No. 014019 - PRC - NU - 005

SIZE A2 REV R0

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☑ CONSTRUCTION

Our services go beyond

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.

Smarter Tools, Stronger Decisions

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

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real estate journey

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