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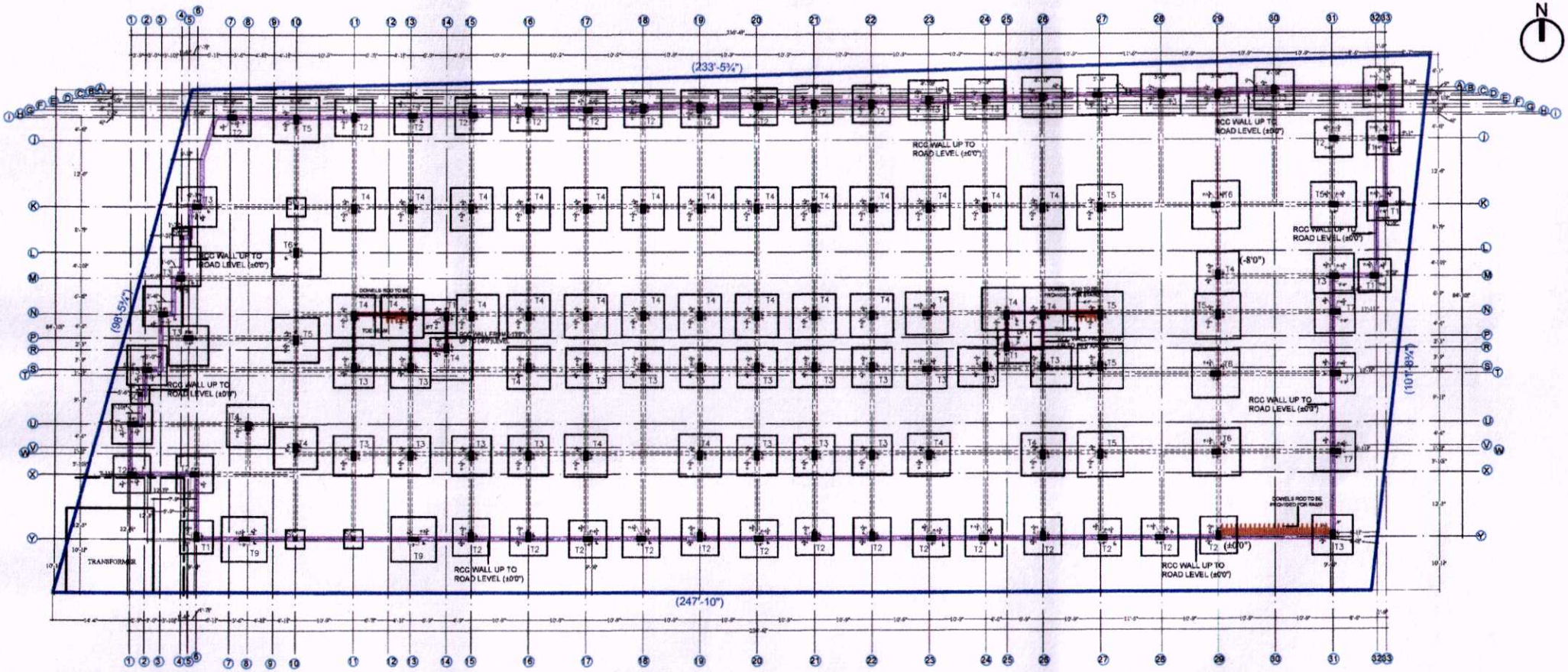
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

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+91 9996 12 9996
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Official Property Record



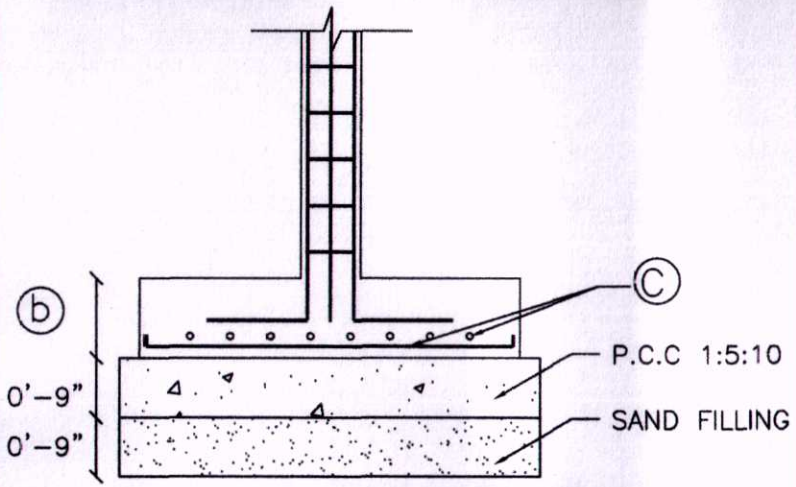
Digitally Verified Record - Powered by Verified RealEstate™



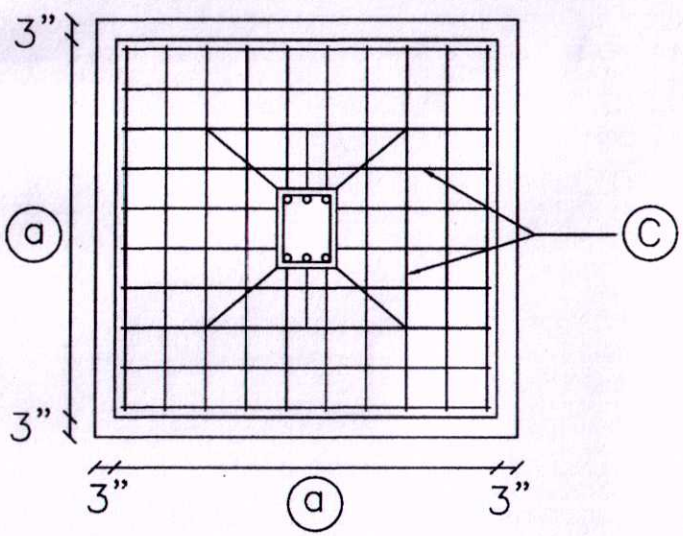
COLUMN&FOOTING PLAN

PROJECT:	TITLE:		
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	COLUMN&FOOTING PLAN	BHARATH CONSTRUCTION BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 5. Ph:0431-2437553	STRUCTURAL CONSULTANT: J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR, AANANDAM NAGAR, 3rd CROSS, BEHIND AMMAYYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17 CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21



L/S OF COLUMN & FOOTING



PLAN

COLUMN TYPE	C/S OF COLUMN	FOOTING SIZE (a)	FOOTING DEPTH (b)	MAT (c)
T1	0'-9", 1'-6", 4Nos-16mmø +2Nos-12mmø, 8mmøst@7"c/c (4Legged)	5'-9"x5'-9"	1'-6"	12ø@6"c/c Bothways
T2	0'-9", 1'-6", 6Nos-16mmø, 8mmøst@7"c/c (4Legged)	6'-6"x6'-6"	1'-9"	12ø@6"c/c Bothways
T3	0'-9", 1'-6", 8Nos-16mmø, 8mmøst@7"c/c (4Legged)	7'-0"x7'-0"	1'-9"	12ø@5"c/c Bothways
T4	0'-9", 1'-6", 4Nos-20mmø +4Nos-16mmø, 8mmøst@7"c/c (4Legged)	7'-6"x7'-6"	2'-0"	12ø@5"c/c Bothways

NOTE:

STRUCTURE DESIGNED FOR B+G+2 FLOORS

S.B.C OF SOIL ASSUMED AS 16T/M^2

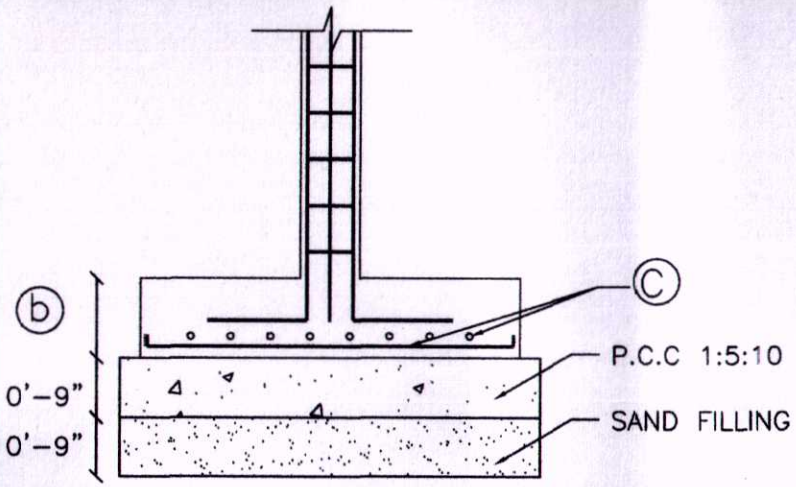
COVER FOR COLUMN = 1"

COVER FOR FOOTING = 2"

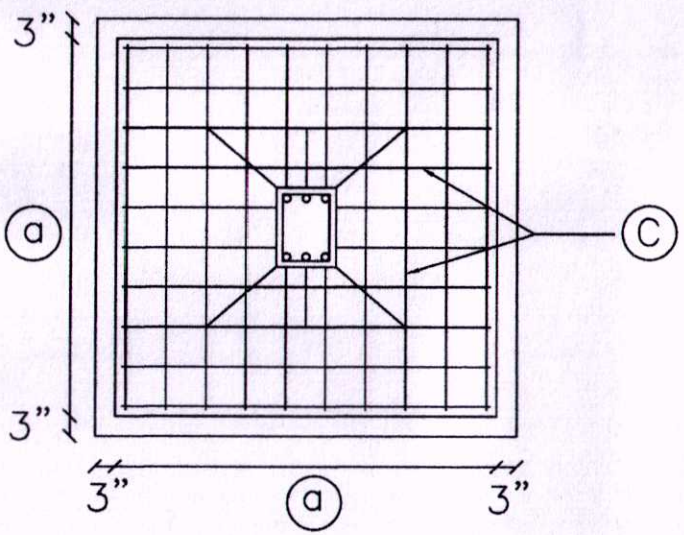
GRADE OF CONCRETE = M20 (1:1.5:3)

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SE.Gr-II / DTCP / TRICHY / JULY-2024 / 21

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	COLUMN & FOOTING DETAILS.	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699



L/S OF COLUMN & FOOTING



PLAN

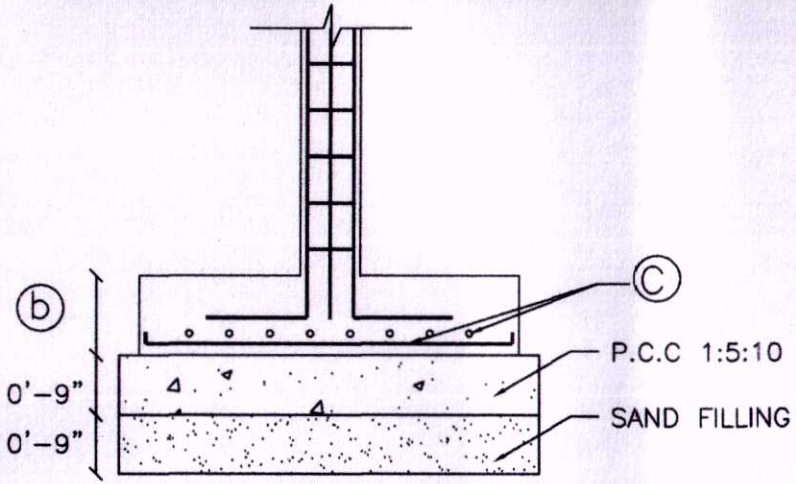
COLUMN TYPE	C/S OF COLUMN	FOOTING SIZE ⓐ	FOOTING DEPTH ⓑ	MAT ⓒ
T5	0'–9" × 1'–6": 8Nos–20mmø; 8mmøst@7"c/c (4Legged)	8'–0"x8'–0"	2'–3"	12ø@5"c/c Bothways
T6	0'–9" × 1'–6": 10Nos–20mmø; 8mmøst@7"c/c (4Legged)	8'–6"x8'–6"	2'–6"	12ø@5"c/c Bothways
T7	0'–9" × 1'–9": 8Nos–16mmø; 8mmøst@7"c/c (4Legged)	7'–0"x7'–0"	1'–9"	12ø@5"c/c Bothways
T8	0'–9" × 1'–9": 10Nos–20mmø; 8mmøst@7"c/c (4Legged)	8'–6"x8'–6"	2'–6"	12ø@5"c/c Bothways

NOTE:

STRUCTURE DESIGNED FOR B+G+2 FLOORS.
S.B.C OF SOIL ASSUMED AS 16T/M^2
COVER FOR COLUMN = 1"
COVER FOR FOOTING = 2"
GRADE OF CONCRETE = M20 (1:1.5:3)

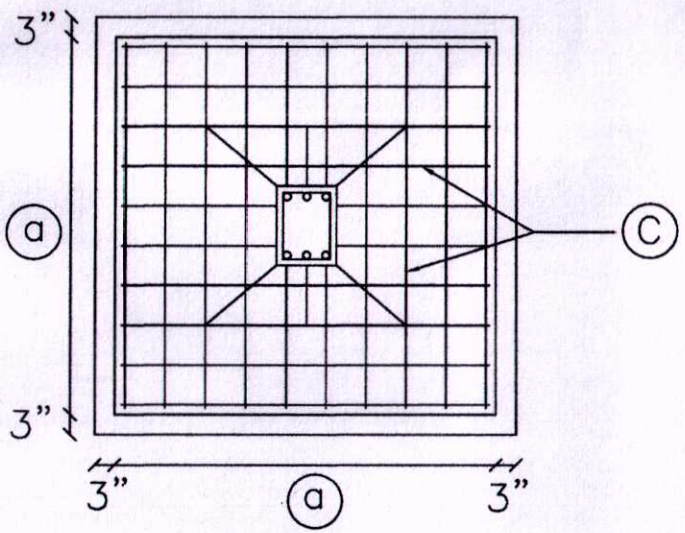
J.RAGHAVENDIRAN,B.E.,F.I.V.,
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SE.Gr-II / DTCP / TRICHY / JULY-2024 / 21

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	COLUMN & FOOTING DETAILS.	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699



L/S OF COLUMN & FOOTING

COLUMN TYPE	C/S OF COLUMN	FOOTING SIZE (a)	FOOTING DEPTH (b)	MAT (c)
T9	0'–9" × 2'–0"; 10Nos–20mmø; 8mmøst@7"c/c (4Legged)	8'–0"x8'–0"	2'–6"	12ø@5"c/c Bothways
SC	0'–9" × 0'–9"; 4Nos–12mmø; 8mmøst@7"c/c	3'–0"x3'–0"	0'–9"	8ø@7"c/c Bothways



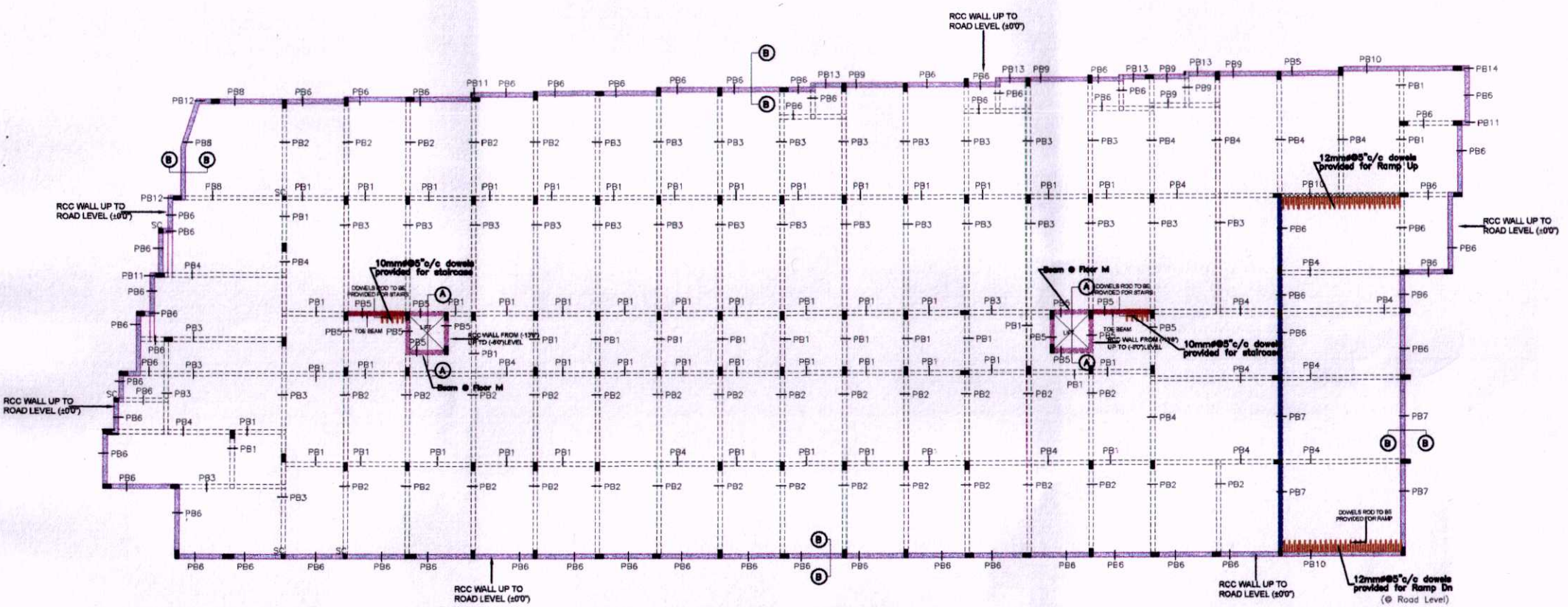
PLAN

J.RAGHAVENDIRAN,B.E.,F.I.V.,
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M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

NOTE:

STRUCTURE DESIGNED FOR B+G+2 FLOORS.
S.B.C OF SOIL ASSUMED AS 16T/M^2
COVER FOR COLUMN = 1"
COVER FOR FOOTING = 2"
GRADE OF CONCRETE = M20 (1:1.5:3)

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	COLUMN & FOOTING DETAILS.	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699



PLINTH BEAM PLAN

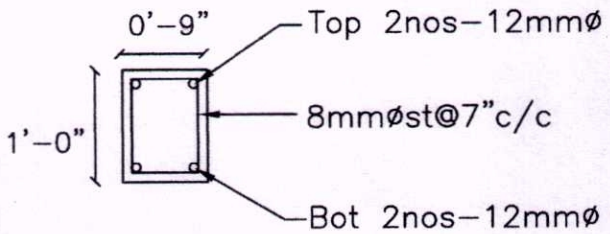
PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	PLINTH BEAM PLAN	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17 CELL : 98424 - 45699

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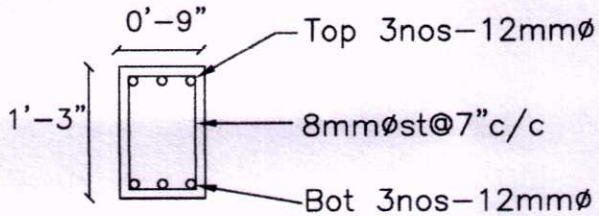
PLINTH BEAM DETAILS - C.S.

AT MIDSPAN

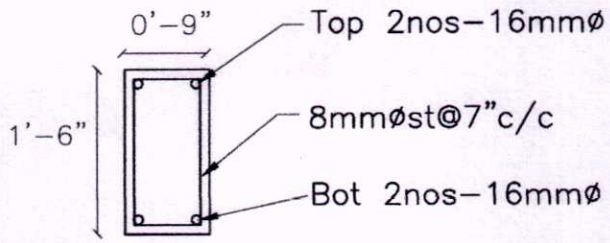
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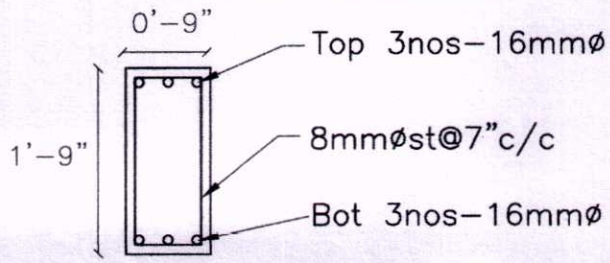
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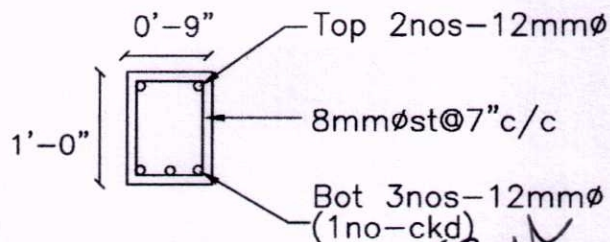
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PB4-SIZE-0'-9"X1'-9"

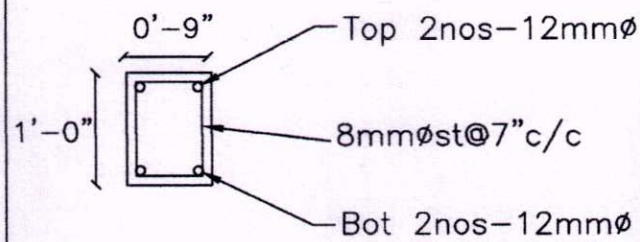


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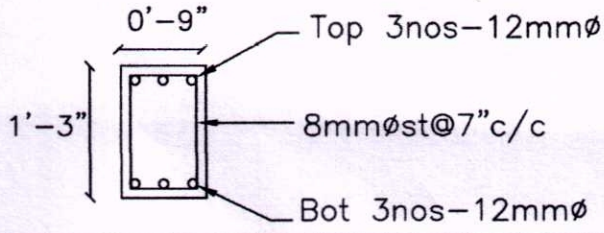


AT SUPPORT

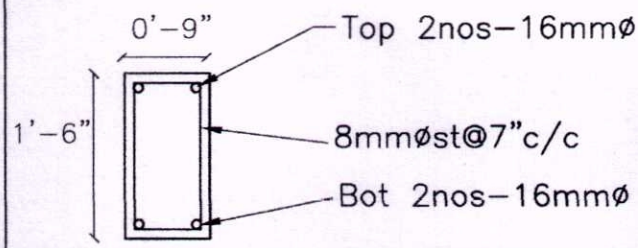
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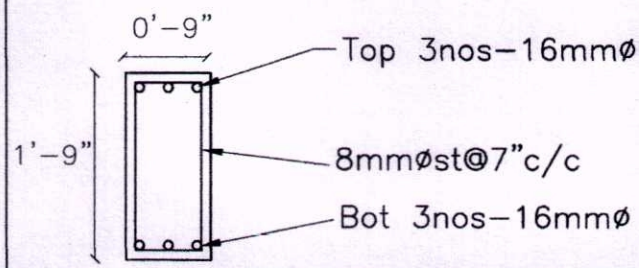
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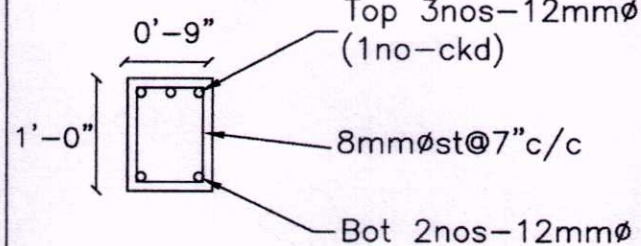
PB3-SIZE-0'-9"X1'-6"



PB4-SIZE-0'-9"X1'-9"



PB5-SIZE-0'-9"X1'-0"



PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY.	PLINTH BEAM DETAILS C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

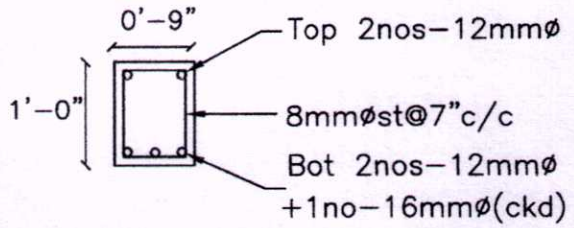
J.RAGHAVENDIRAN, B.E., F.I.V.,
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SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

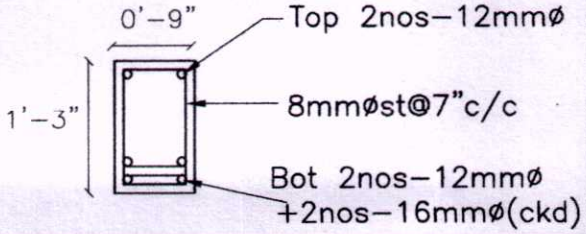
PLINTH BEAM DETAILS - C.S.

AT MIDSPAN

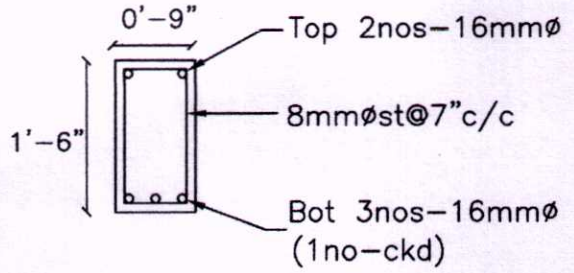
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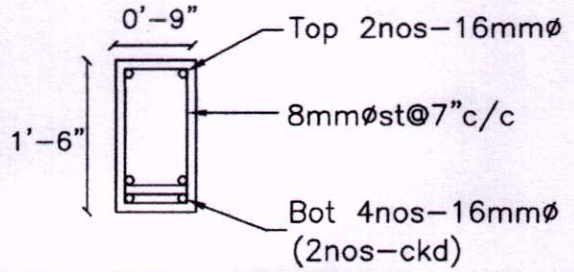
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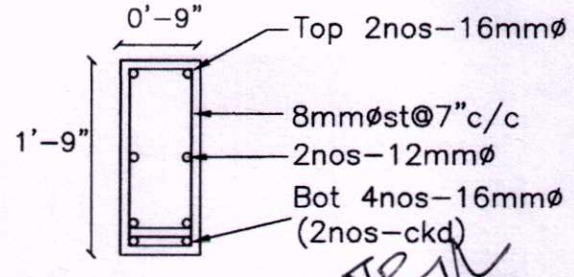
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PB9-SIZE-0'-9"X1'-6"

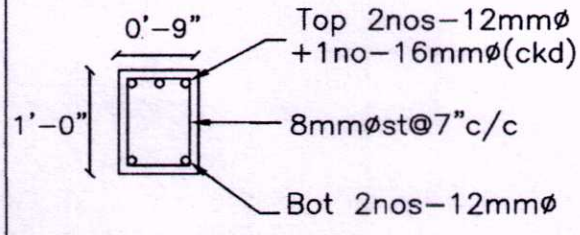


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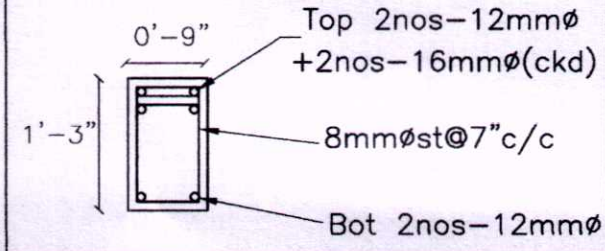


AT SUPPORT

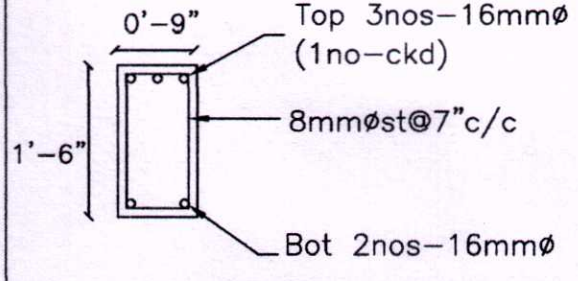
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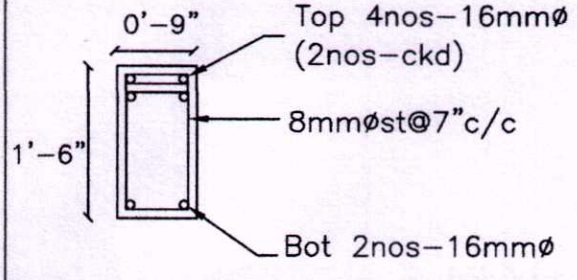
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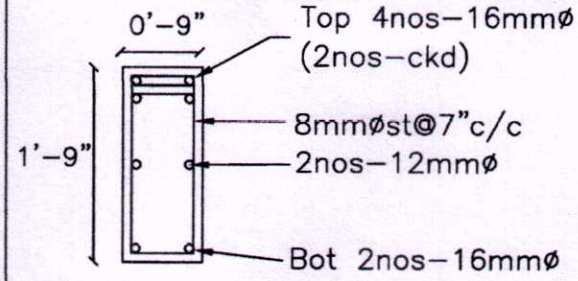
PB8-SIZE-0'-9"X1'-6"



PB9-SIZE-0'-9"X1'-6"



PB10-SIZE-0'-9"X1'-9"



JRV

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY.	PLINTH BEAM DETAILS-C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

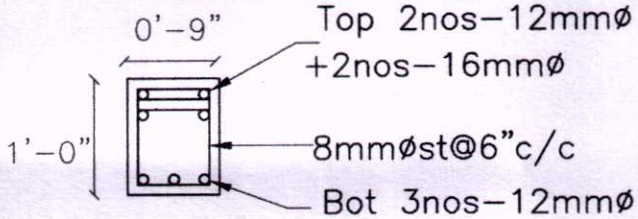
J.RAGHAVENDIRAN B.E. F.I.V.,
REGISTERED STRUCTURAL ENGINEER
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SE.Gr- II / DTCP / TRICHY / JULY-2024 / 21

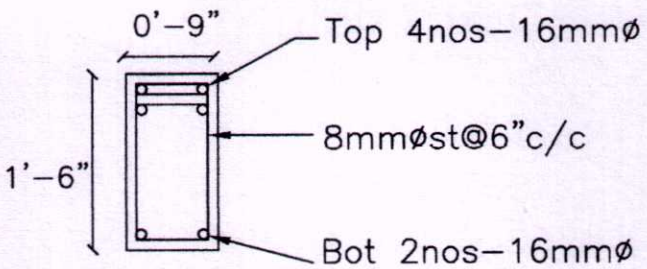
PLINTH BEAM DETAILS - C.S.

AT MIDSPAN

PB11-SIZE-0'-9"X1'-0"
CANTILEVER BEAM

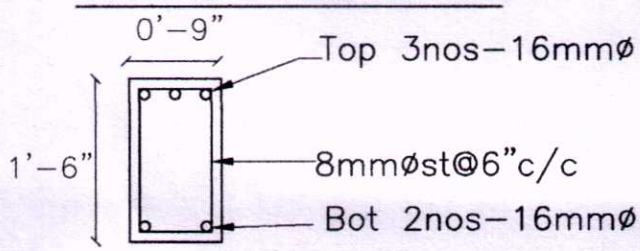


PB13-SIZE-0'-9"X1'-6"
CANTILEVER BEAM

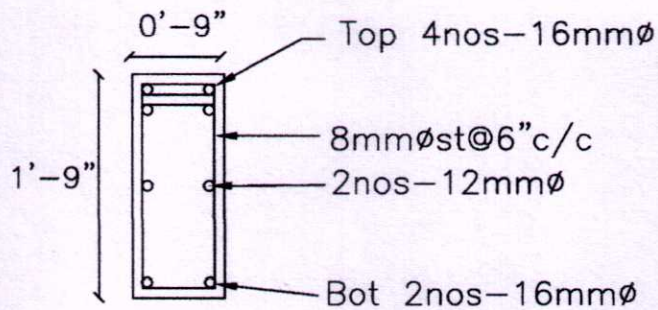


AT SUPPORT

PB12-SIZE-0'-9"X1'-6"
CANTILEVER BEAM



PB14-SIZE-0'-9"X1'-9"
CANTILEVER BEAM



STAIRCASE:

MAIN RFT - 10mmØ@5"c/c alt.ckd.

DIST RFT - 8mmØ@6"c/c

THICKNESS-0'-5"

RAMP:

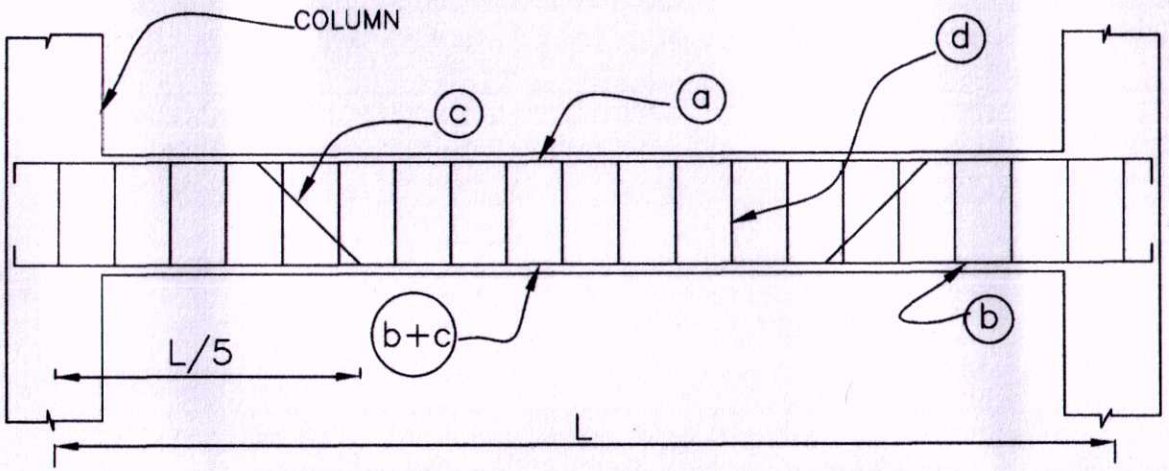
MAIN RFT - 12mmØ@5"c/c alt.ckd.

DIST RFT - 8mmØ@6"c/c

THICKNESS-0'-6"

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	PLINTH BEAM DETAILS-C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326



FOR BEAMS PB1,PB2,PB3,PB4,PB5,PB6&PB7

L/S OF BEAMS

BEAM TYPE	BEAM WIDTH	BEAM DEPTH	TOP RFT (a)	BOTTOM RFT (b)	CKD RFT (c)	STIRRUPS (d)
PB1	0'–9"	1'–0"	2nos– 12mmø	2nos– 12mmø	—	8mmøst@7"c/c
PB2	0'–9"	1'–3"	3nos– 12mmø	3nos– 12mmø	—	8mmøst@7"c/c
PB3	0'–9"	1'–6"	2nos– 16mmø	2nos– 16mmø	—	8mmøst@7"c/c
PB4	0'–9"	1'–9"	3nos– 16mmø	3nos– 16mmø	—	8mmøst@7"c/c
PB5	0'–9"	1'–0"	2nos– 12mmø	2nos– 12mmø	1no– 12mmø	8mmøst@7"c/c
PB6	0'–9"	1'–0"	2nos– 12mmø	2nos– 12mmø	1no– 16mmø	8mmøst@7"c/c
PB7	0'–9"	1'–3"	2nos– 12mmø	2nos– 12mmø	2nos– 16mmø	8mmøst@7"c/c

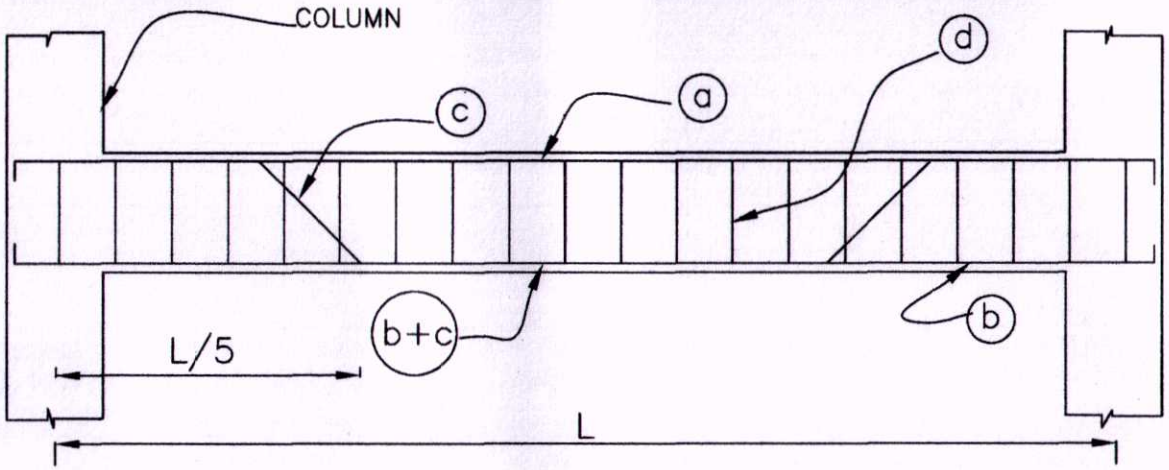
J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

PROJECT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY

TITLE:
PLINTH BEAM DETAILS - L.S.

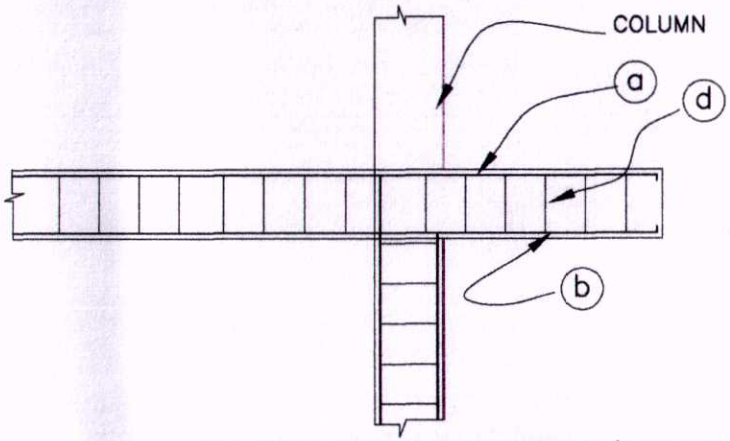
BUILDER
BHARATH CONSTRUCTION,
BHARATH PST CASTLE,
14, RENGANATHAPURAM,
SRIRANGAM,
TRICHY - 6.
Ph:0431-2437553

STRUCTURAL CONSULTANT:
J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V.,
VENUS BUILDERS,
NO:83, 1st FLOOR,AANANDAM NAGAR
3rd CROSS, BEHIND AMMAYAPPA NAGAR,
VAYALUR ROAD, TRICHY - 17.
CELL : 98424 - 45699



FOR BEAMS PB8,PB9&PB10

L/S OF BEAMS



FOR BEAM PB11,PB12,PB13&PB4 (CANTILEVER)

L/S OF CANTILEVER BEAM

BEAM TYPE	BEAM WIDTH	BEAM DEPTH	TOP RFT (a)	BOTTOM RFT (b)	CKD RFT (c)	STIRRUPS (d)
PB8	0'–9"	1'–6"	2nos– 16mmø	2nos– 16mmø	1no– 16mmø	8mmøst@7"c/c
PB9	0'–9"	1'–6"	2nos– 16mmø	2nos– 16mmø	2nos– 16mmø	8mmøst@7"c/c
PB10	0'–9"	1'–9"	2nos– 16mmø	2nos– 16mmø	2nos– 16mmø	8mmøst@7"c/c
PB11 CANTILEVER	0'–9"	1'–0"	2nos– 12mmø +2nos– 16mmø	3nos– 12mmø	——	8mmøst@6"c/c
PB12 CANTILEVER	0'–9"	1'–6"	3nos– 16mmø	2nos– 16mmø	——	8mmøst@6"c/c
PB13 CANTILEVER	0'–9"	1'–6"	4nos– 16mmø	2nos– 16mmø	——	8mmøst@6"c/c
PB14 CANTILEVER	0'–9"	1'–9"	4nos– 16mmø	2nos– 16mmø	——	8mmøst@6"c/c

PROJECT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY

TITLE:
PLINTH BEAM DETAILS - L.S.

BUILDER
BHARATH CONSTRUCTION,
BHARATH PST CASTLE,
14, RENGANATHAPURAM,
SRIRANGAM,
TRICHY - 6.
Ph:0431-2437553

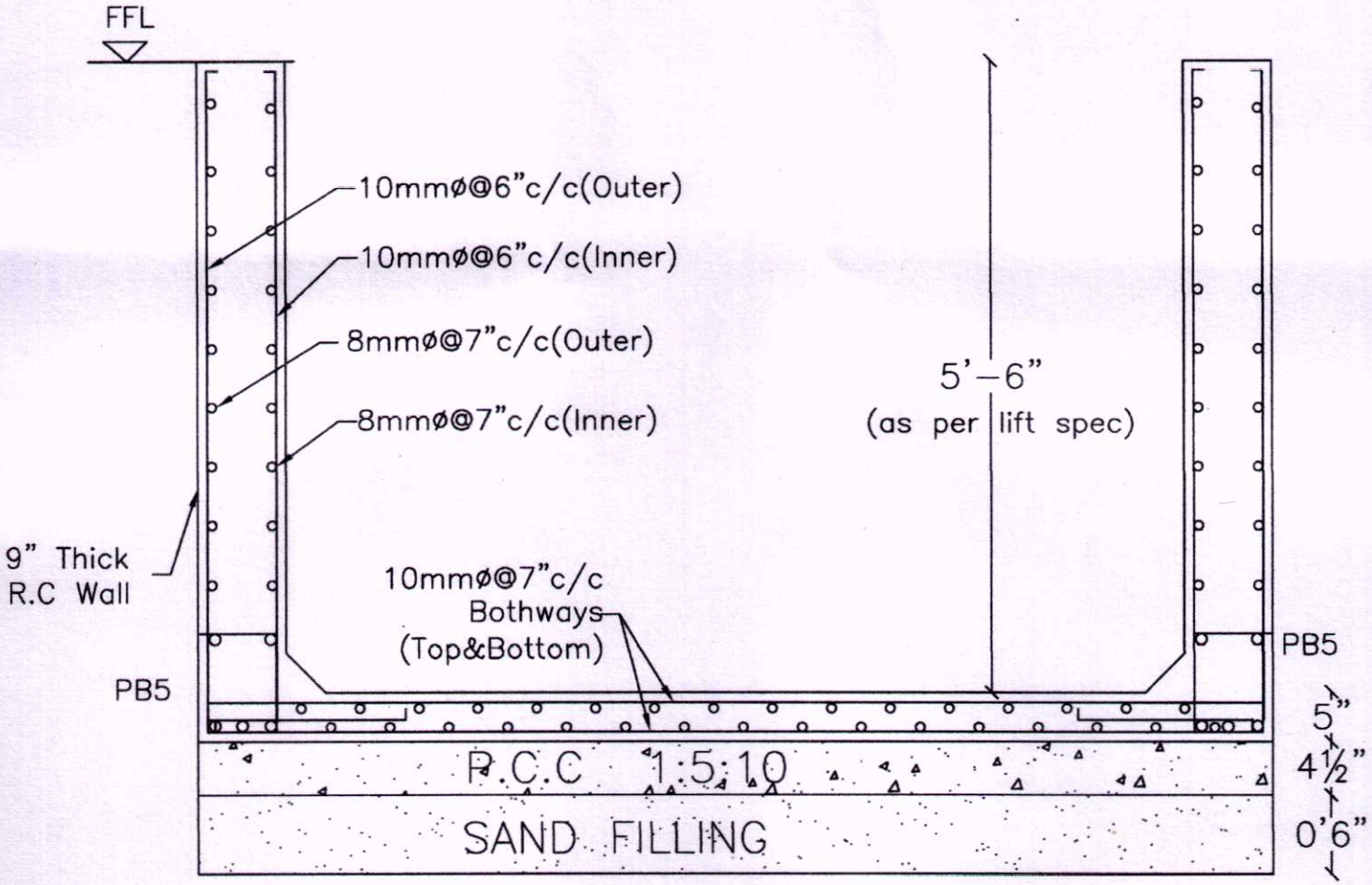
STRUCTURAL CONSULTANT:
J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V.,
VENUS BUILDERS,
NO:83, 1st FLOOR,AANANDAM NAGAR
3rd CROSS, BEHIND AMMAYAPPA NAGAR,
VAYALUR ROAD, TRICHY - 17.
CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326

JRV

SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

LIFT PIT DETAIL



SECTION A - A

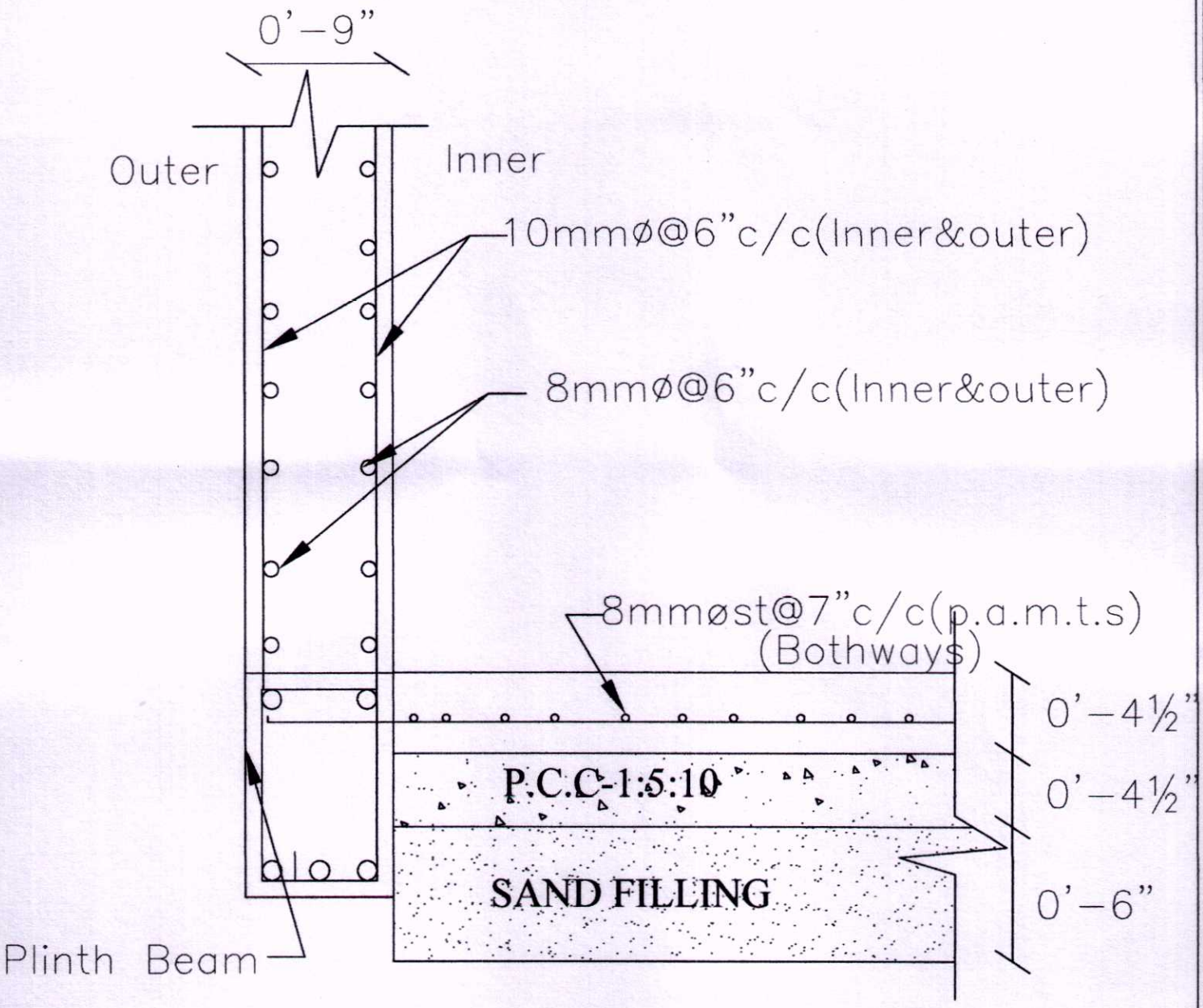
NOTE:

p.a.m.t.s– provided at mid thickness of slab.

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	LIFT PIT DETAIL	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar.
3rd Cross, Behind Ammayyappa Naga:
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55[illegible]

SE.Gr-II / DTCP / TRICHY / JULY-2024 / 21



RCC RETAINING WALL

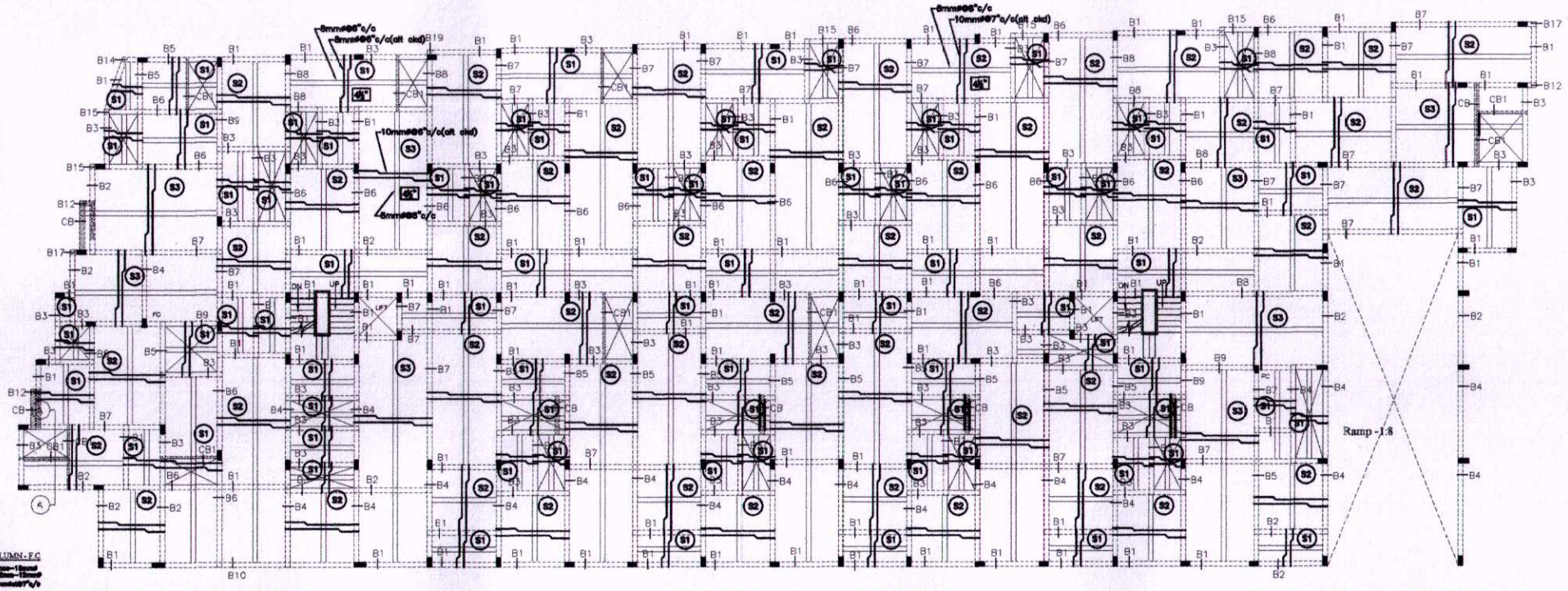
NOTE:

p.a.m.t.s– provided at mid thickness of slab.

J.RAGHAVENDIRAN, B.E.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar
3rd Cross, Behind Ammayyappa Nagar
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55321

SE.Gr-II / DTCP / TRICHY / JULY-2024

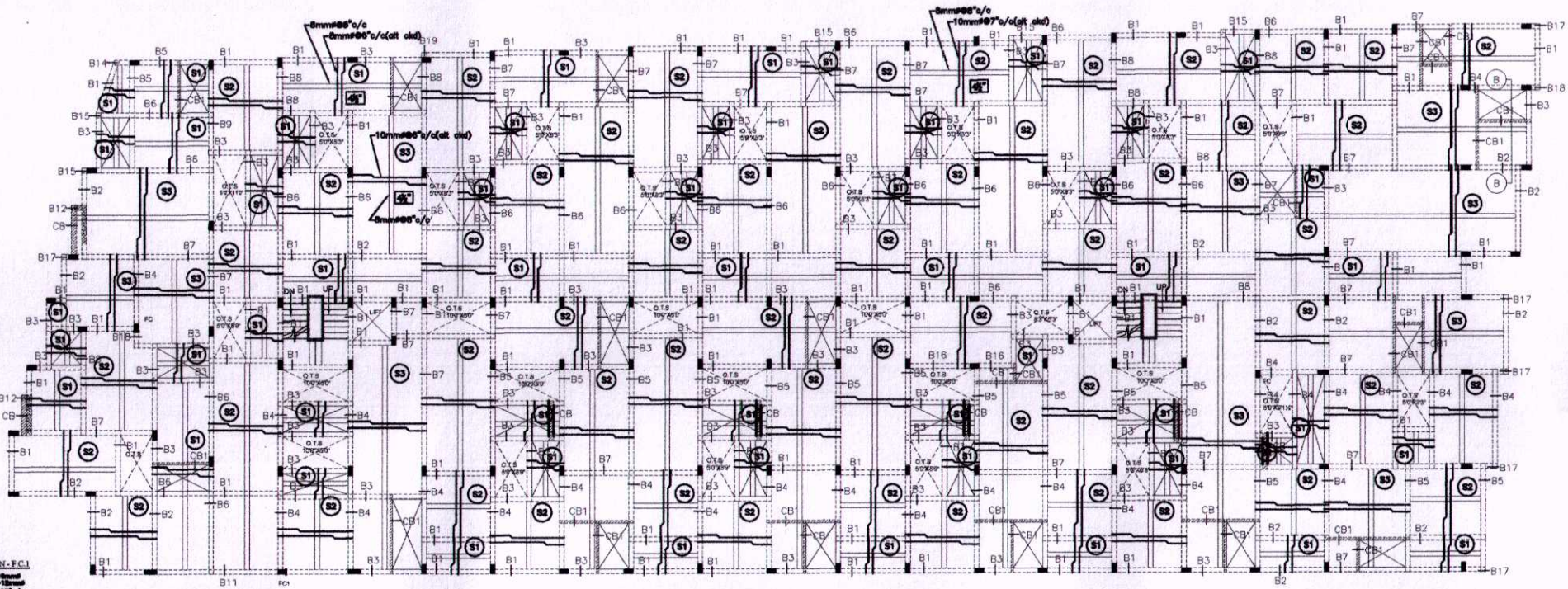
PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	SECTION BB	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699



BF - ROOF PLAN

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	BF - ROOF PLAN	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR, AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

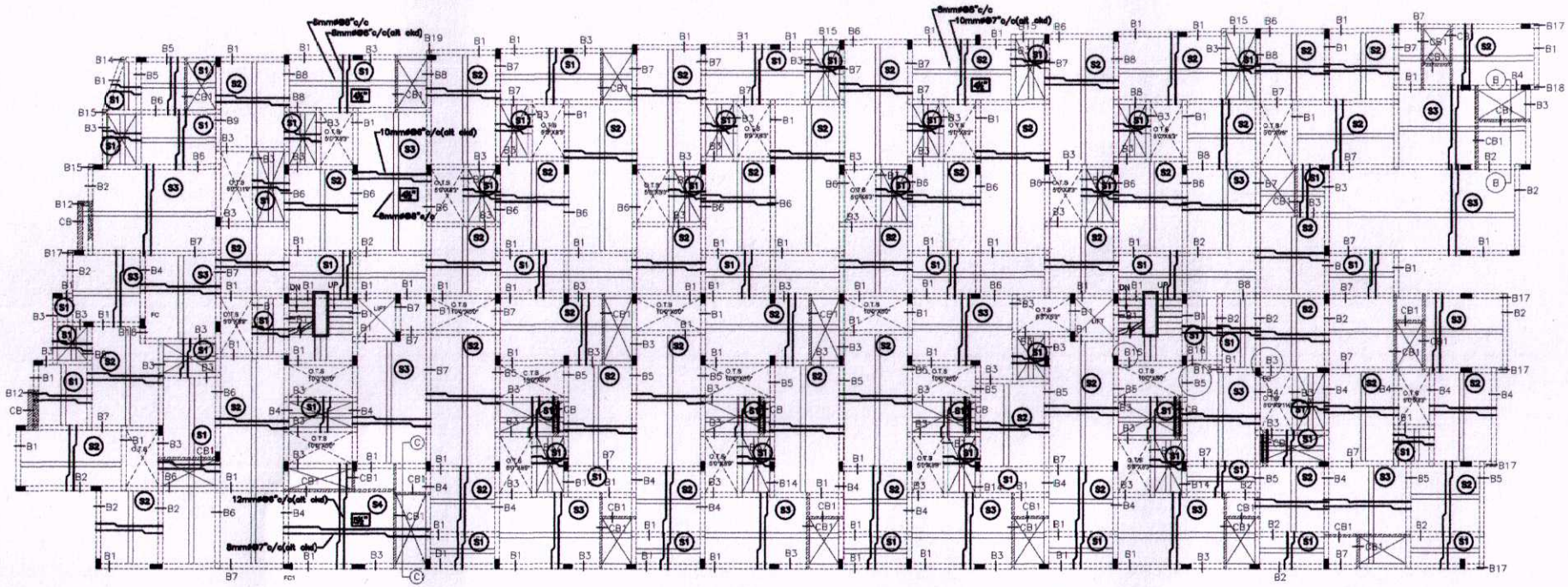
J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21



GF - ROOF PLAN

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	GF - ROOF PLAN	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17 CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

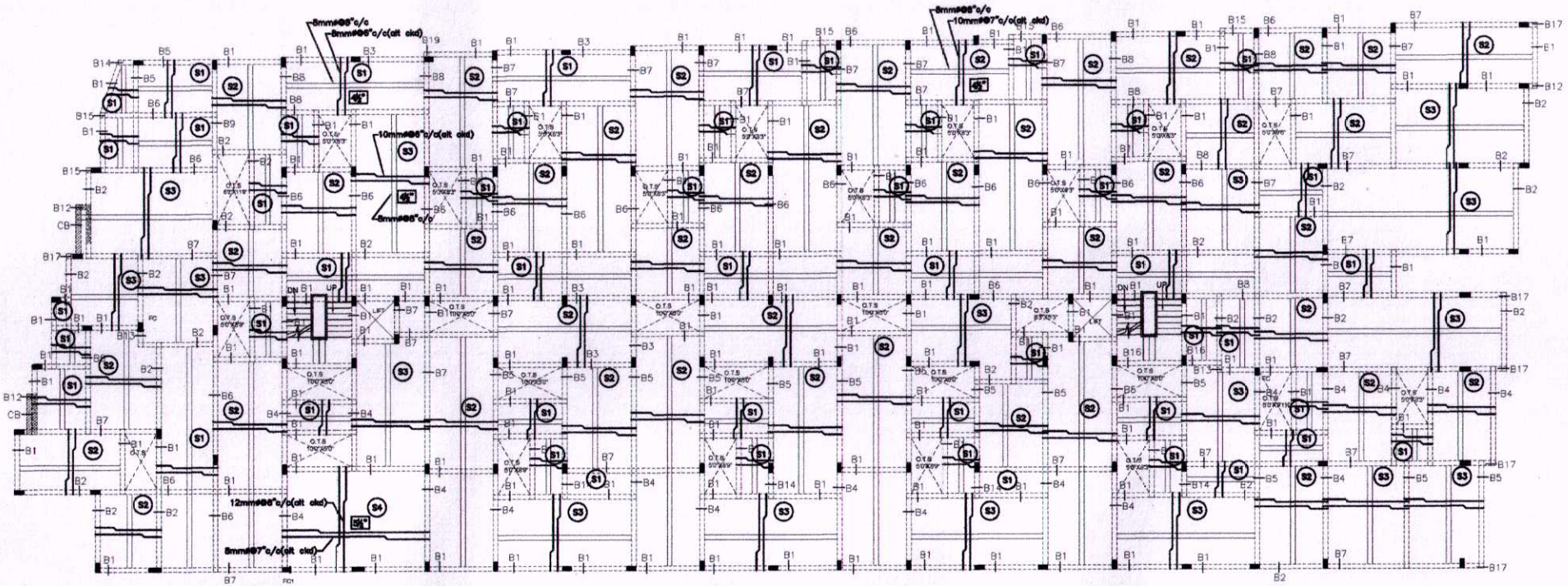


FF - ROOF PLAN

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	FF - ROOF PLAN	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR, AANANDAM NAGAR, 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17 CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21



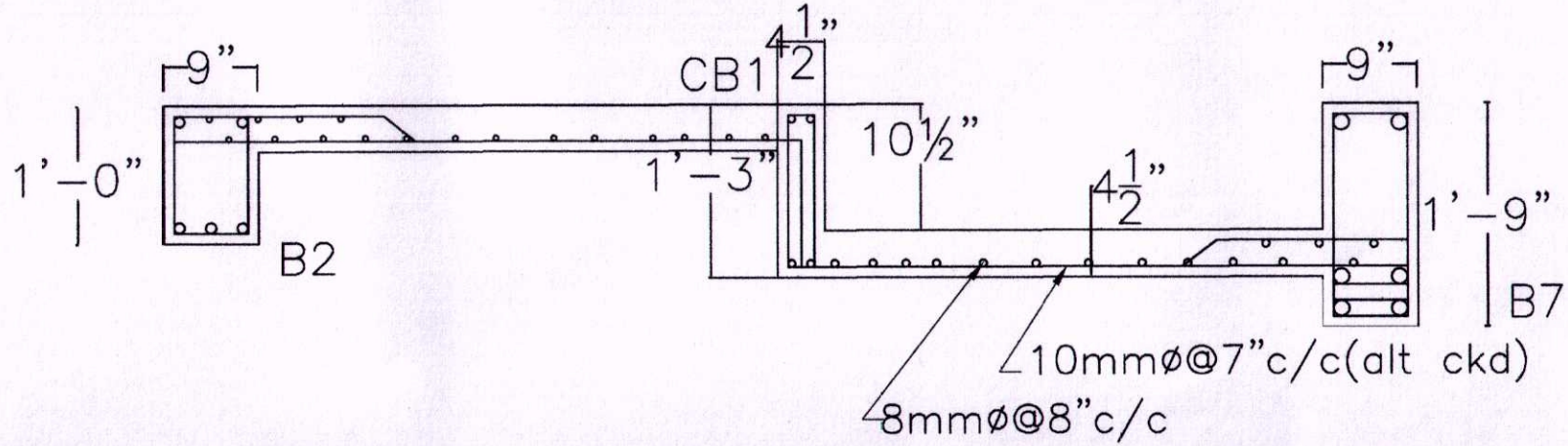
SF - ROOF PLAN

PROJECT:	TITLE:	BHARATH CONSTRUCTION	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	SF - ROOF PLAN	BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR, AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

J.RAGHAVENDIRAN, B.E., F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar
3rd Cross, Behind Ammayyappa Nagar
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 5532

SE Gr - II / DTCP / TRICHY / JULY-2024 / 21

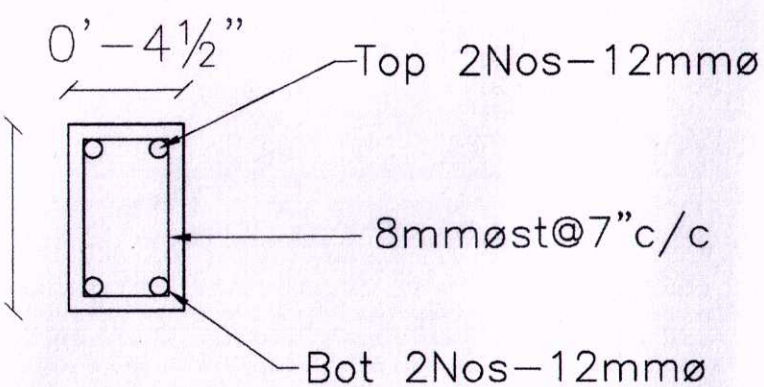
SECTION - AA



NOTE

Depth of beam reduced to 0'-4½" where slab is not sunk

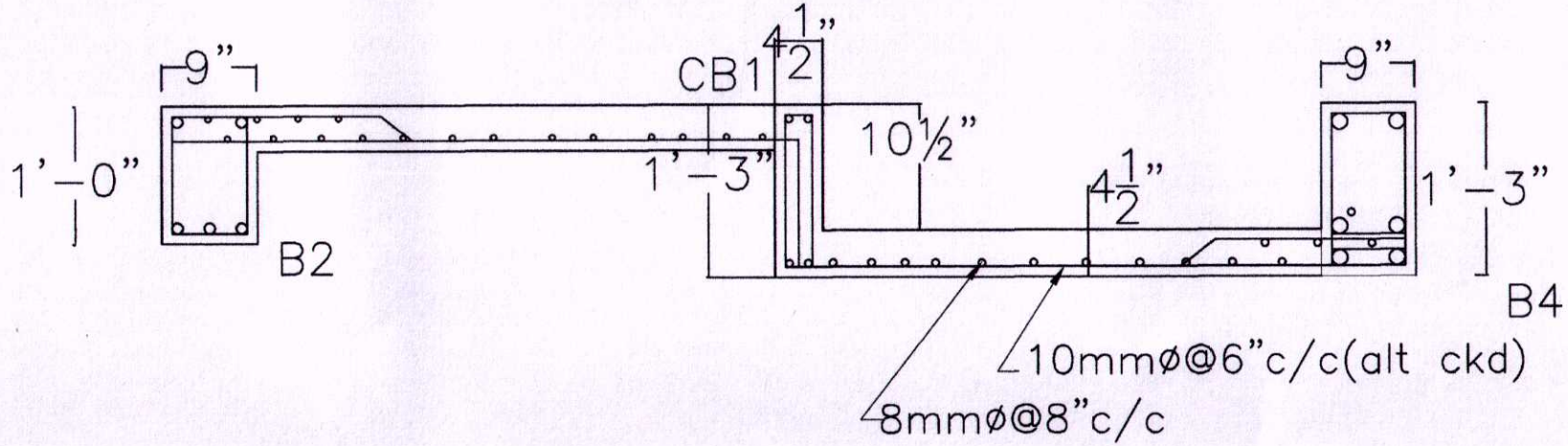
CONCEALED BEAM - C.B.1



PROJECT: PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY
TITLE: SUNKEN SLAB DETAILS
BHARATH CONSTRUCTION BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553
STRUCTURAL CONSULTANT: J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

J.RAGHAVENDIRAN, B.E., F.I.V.
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

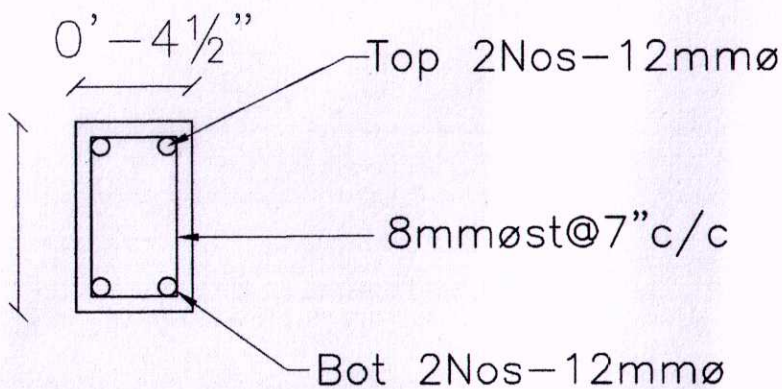
SECTION - BB



NOTE

Depth of beam reduced to 0'–4½" where slab is not sunk

CONCEALED BEAM - C.B.1

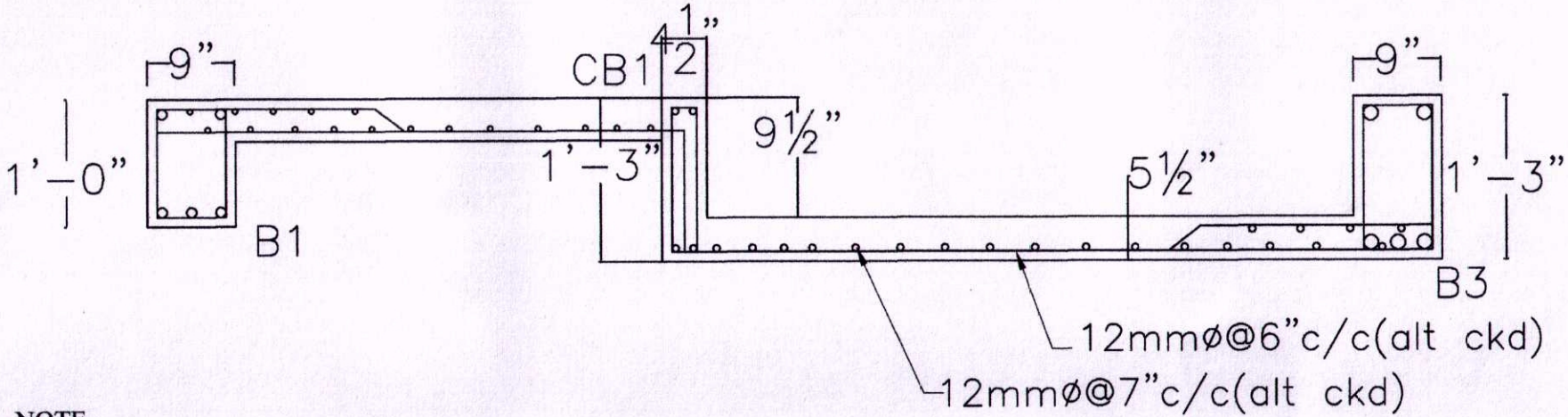


J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Naga
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326

SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

PROJECT: PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY
TITLE: SUNKEN SLAB DETAILS
BHARATH CONSTRUCTION BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553
STRUCTURAL CONSULTANT: J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

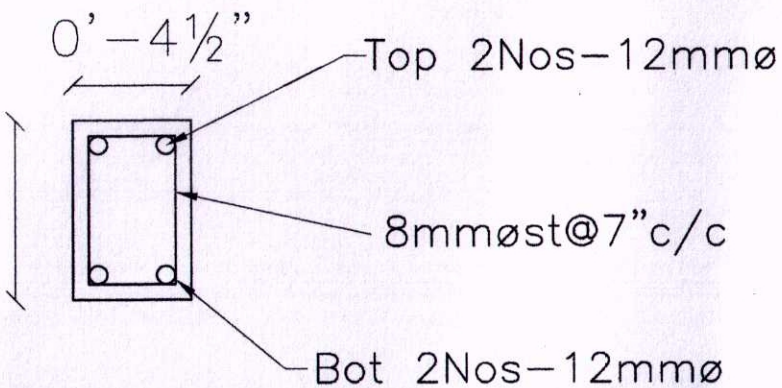
SECTION - CC



NOTE

Depth of beam reduced to 0'-5½" where slab is not sunk

CONCEALED BEAM - C.B1



J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
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3rd Cross, Behind Ammayyappa Naga
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr-II / DTCP / TRICHY / JULY-2024 / 21

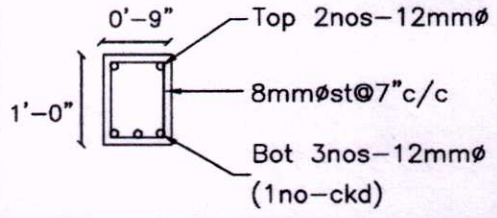
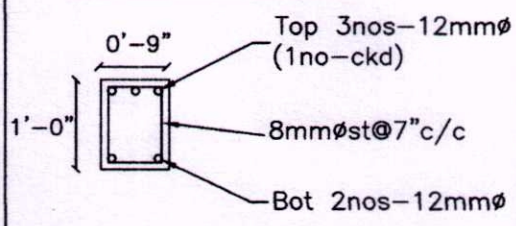
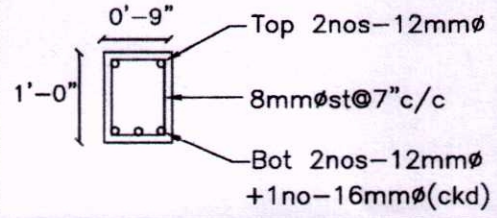
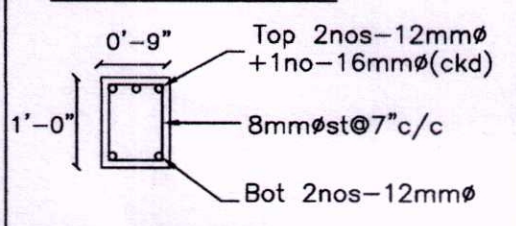
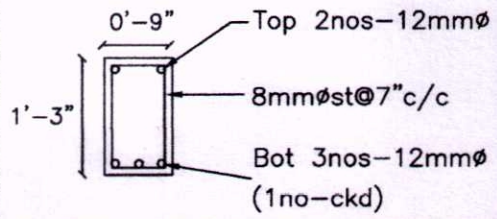
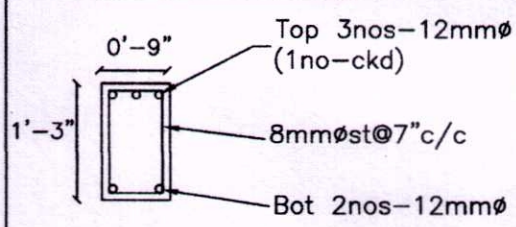
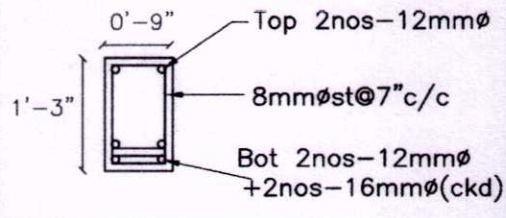
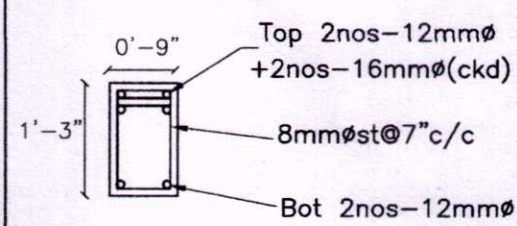
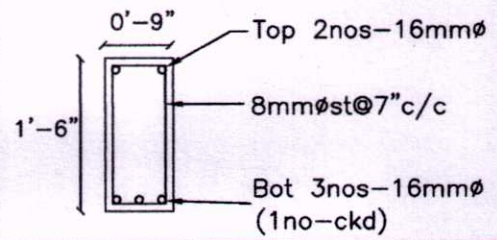
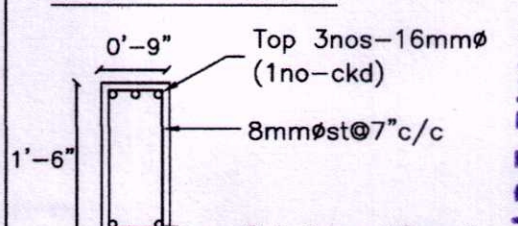
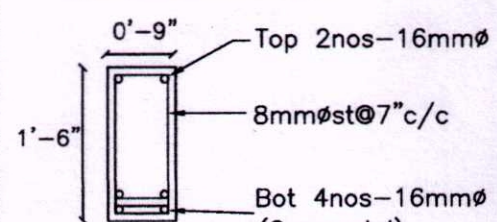
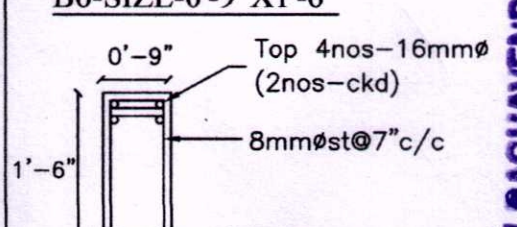
PROJECT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY

TITLE:
SUNKEN SLAB DETAILS

BHARATH CONSTRUCTION
BHARATH PST CASTLE,
14, RENGANATHAPURAM,
SRIRANGAM,
TRICHY - 6.
Ph:0431-2437553

STRUCTURAL CONSULTANT:
J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V.,
VENUS BUILDERS,
NO:83, 1st FLOOR,AANANDAM NAGAR
3rd CROSS, BEHIND AMMAYAPPA NAGAR,
VAYALUR ROAD, TRICHY - 17.
CELL : 98424 - 45699

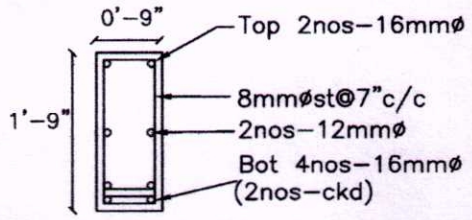
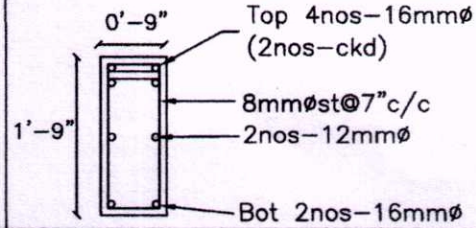
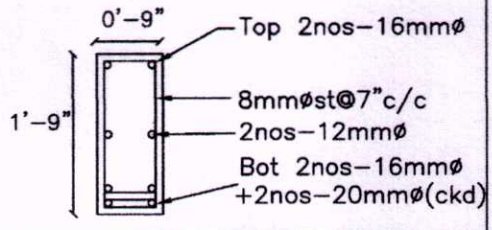
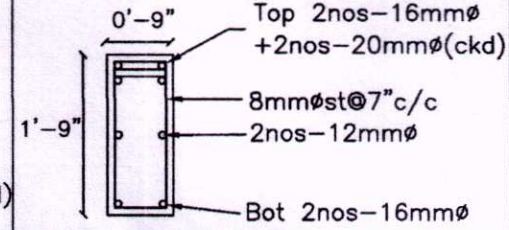
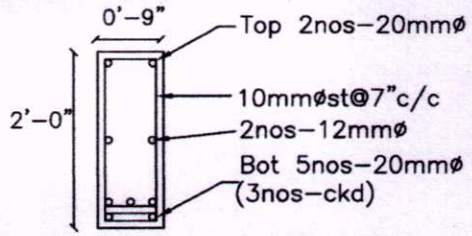
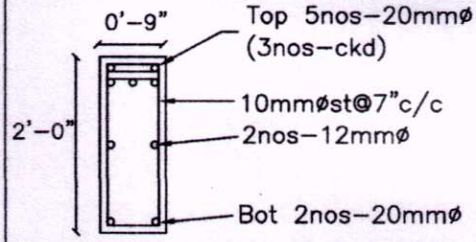
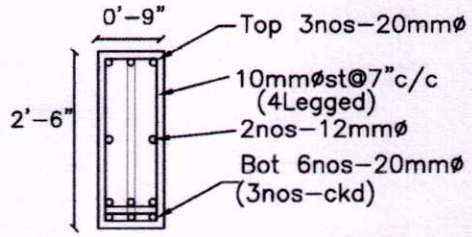
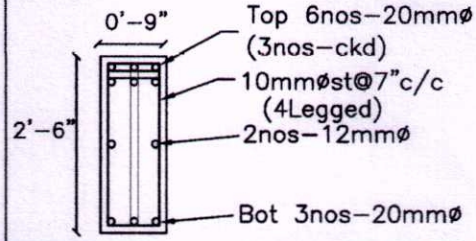
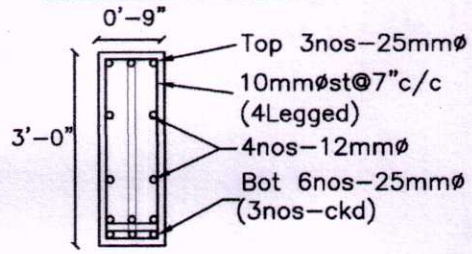
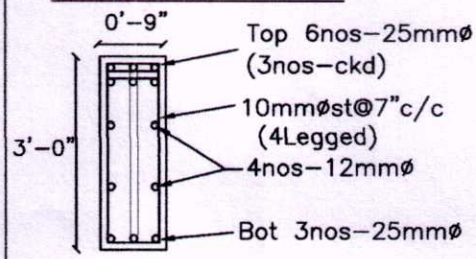
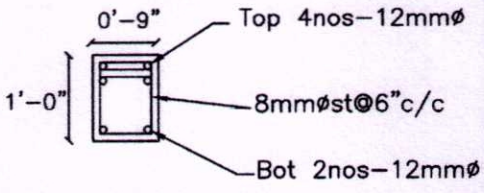
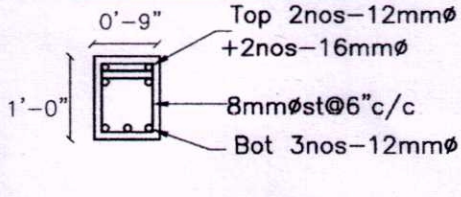
BF,GF,FF&SF- ROOF BEAM DETAILS - C.S.

AT MIDSPAN	AT SUPPORT
B1-SIZE-0'-9"X1'-0"  	**B1-SIZE-0'-9"X1'-0"** 
B2-SIZE-0'-9"X1'-0"  	**B2-SIZE-0'-9"X1'-0"** 
B3-SIZE-0'-9"X1'-3"  	**B3-SIZE-0'-9"X1'-3"** 
B4-SIZE-0'-9"X1'-3"  	**B4-SIZE-0'-9"X1'-3"** 
B5-SIZE-0'-9"X1'-6"  	**B5-SIZE-0'-9"X1'-6"** 
B6-SIZE-0'-9"X1'-6"  	**B6-SIZE-0'-9"X1'-6"** 

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD , SRIRANGAM, TRICHY	BF,GF,FF&SF-ROOF BEAM DETAILS-C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326
SE.Gr - II / DTCP / TRICHY / JULY-2024 / 21

BF,GF,FF&SF- ROOF BEAM DETAILS - C.S.

AT MIDSPAN	AT SUPPORT
B7-SIZE-0'-9"X1'-9" 	**B7-SIZE-0'-9"X1'-9"** 
B8-SIZE-0'-9"X1'-9" 	**B8-SIZE-0'-9"X1'-9"** 
B9-SIZE-0'-9"X2'-0" 	**B9-SIZE-0'-9"X2'-0"** 
B10-SIZE-0'-9"X2'-6" 	**B10-SIZE-0'-9"X2'-6"** 
B11-SIZE-0'-9"X3'-0" 	**B11-SIZE-0'-9"X3'-0"** 
B12-SIZE-0'-9"X1'-0" **CANTILEVER BEAM** 	**B13-SIZE-0'-9"X1'-0"** **CANTILEVER BEAM** 

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	BF,GF,FF&SF-ROOF BEAM DETAILS-C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699

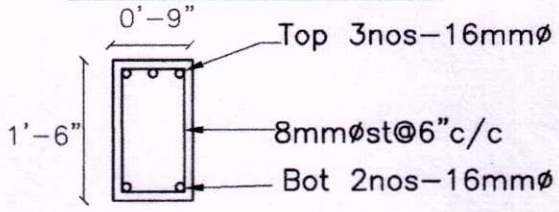
J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Naga
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326

S.E.(S) - II / DTCP / TRICHY / JULY-2024 / 21

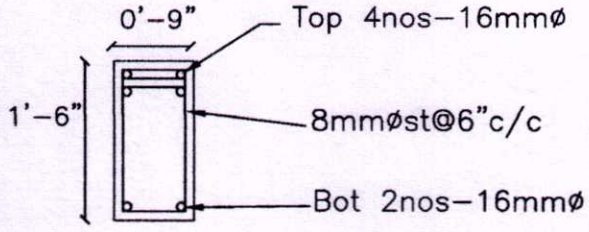
BF,GF,FF&SF- ROOF BEAM DETAILS - C.S.

AT MIDSPAN | AT SUPPORT

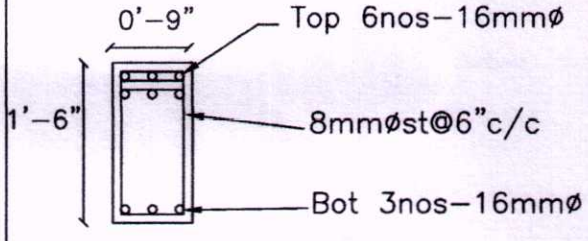
B14-SIZE-0'-9"X1'-6" CANTILEVER BEAM



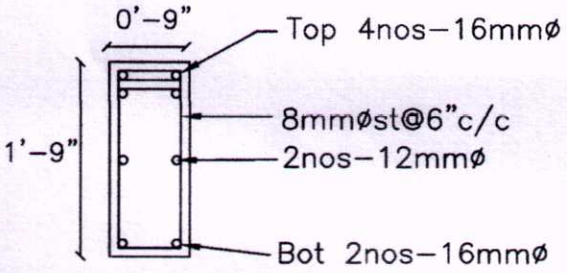
B15-SIZE-0'-9"X1'-6" CANTILEVER BEAM



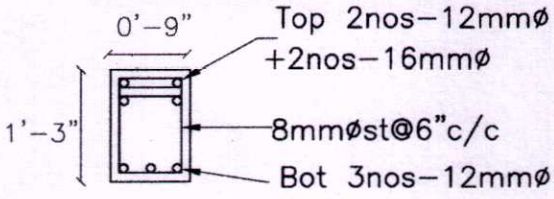
B16-SIZE-0'-9"X1'-6" CANTILEVER BEAM



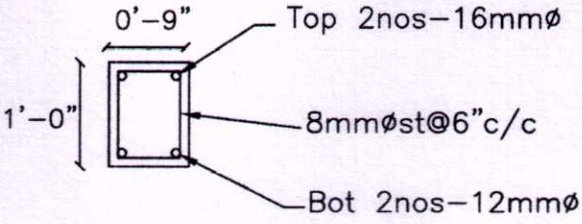
B17-SIZE-0'-9"X1'-9" CANTILEVER BEAM



B18-SIZE-0'-9"X1'-3" CANTILEVER BEAM

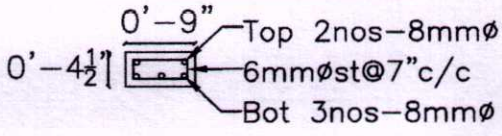


B19-SIZE-0'-9"X1'-0" CANTILEVER BEAM

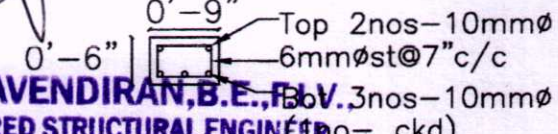


BIT- LINTEL FOR OPENINGS

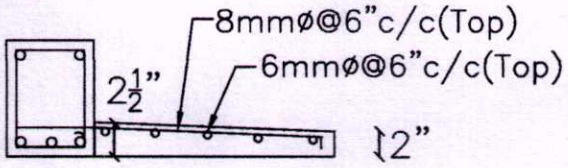
UP TO 4'-0" OPENINGS



4'-0" TO 6'-0" OPENINGS

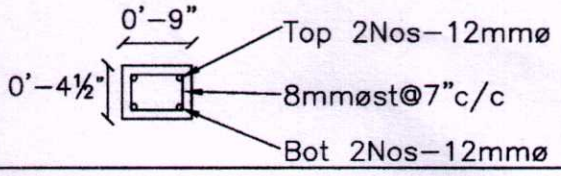


LOFT & SUN SHADE DETAILS



SECTION

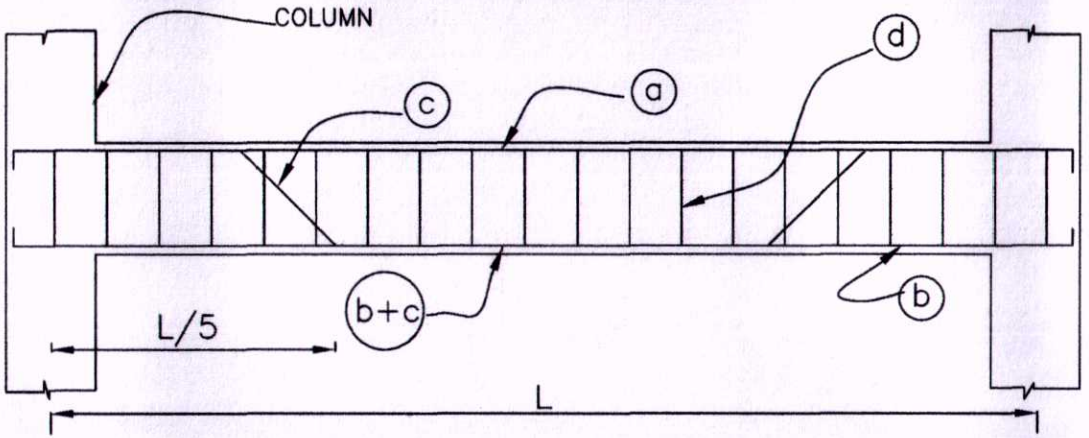
CONCEALED BEAM - C.B.



J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
No:83, 1st Floor, Aanandam Nagar,
3rd Cross, Behind Ammayyappa Nagar,
Vayalur Road, Trichy- 620 017
M:98424 45699, 63817 55326

SE.Gr - I, DSE, TRICHY / JULY-2024 / 21

PROJECT:	TITLE:	BUILDER	STRUCTURAL CONSULTANT:
PROPOSED GREEN ENCLAVE APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY	BF,GF,FF&SF-ROOF BEAM DETAILS-C.S	BHARATH CONSTRUCTION, BHARATH PST CASTLE, 14, RENGANATHAPURAM, SRIRANGAM, TRICHY - 6. Ph:0431-2437553	J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V., VENUS BUILDERS, NO:83, 1st FLOOR,AANANDAM NAGAR 3rd CROSS, BEHIND AMMAYAPPA NAGAR, VAYALUR ROAD, TRICHY - 17. CELL : 98424 - 45699



FOR BEAMS B1,B2,B3,B4,B5,B6,B7,B8&B9

L/S OF BEAMS

J.RAGHAVENDIRAN,B.E
REGISTERED STRUCTURAL ENG
No:83, 1st Floor, Aanandam N
3rd Cross, Behind Ammayyappa
Vayalur Road, Trichy- 620 01
M:98424 45699, 63817 553
SE.Gr-II / DTCP / TRICHY / JULY-2024

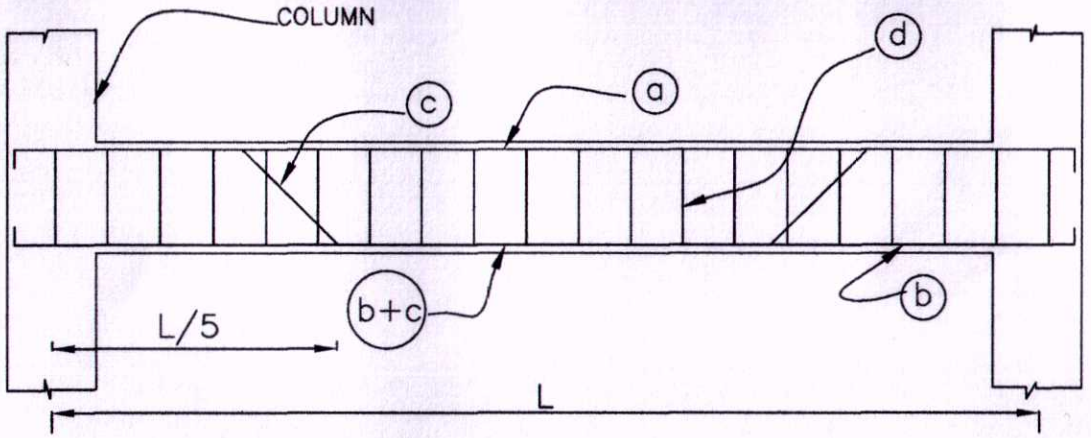
BEAM TYPE	BEAM WIDTH	BEAM DEPTH	TOP RFT (a)	BOTTOM RFT (b)	CKD RFT (c)	STIRRUPS (d)
B1	0'–9"	1'–0"	2nos– 12mmø	2nos– 12mmø	1no– 12mmø	8mmøst@7"c/c
B2	0'–9"	1'–0"	2nos– 12mmø	2nos– 12mmø	1no– 16mmø	8mmøst@7"c/c
B3	0'–9"	1'–3"	2nos– 12mmø	2nos– 12mmø	1no– 12mmø	8mmøst@7"c/c
B4	0'–9"	1'–3"	2nos– 12mmø	2nos– 12mmø	2nos– 16mmø	8mmøst@7"c/c
B5	0'–9"	1'–6"	2nos– 16mmø	2nos– 16mmø	1no– 16mmø	8mmøst@7"c/c
B6	0'–9"	1'–6"	2nos– 16mmø	2nos– 16mmø	2nos– 16mmø	8mmøst@7"c/c
B7	0'–9"	1'–9"	2nos– 16mmø	2nos– 16mmø	2nos– 16mmø	8mmøst@7"c/c
B8	0'–9"	1'–9"	2nos– 16mmø	2nos– 16mmø	2nos– 20mmø	8mmøst@7"c/c
B9	0'–9"	2'–0"	2nos– 20mmø	2nos– 20mmø	3nos– 20mmø	10mmøst@7"c/c

PROJECT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY

TITLE:
BF,GF,FF&SF-ROOF BEAM DETAILS - L.S.

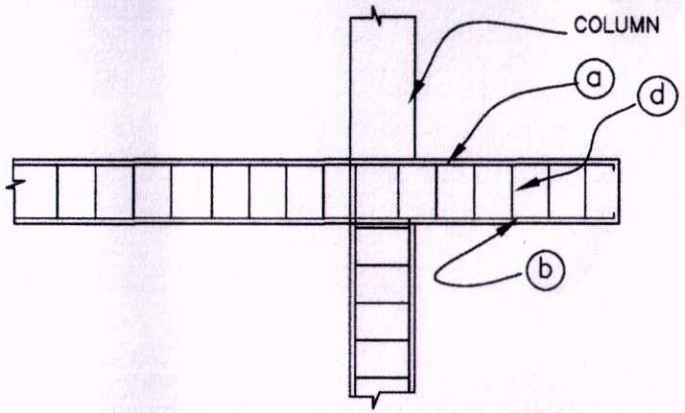
BUILDER
BHARATH CONSTRUCTION,
BHARATH PST CASTLE,
14, RENGANATHAPURAM,
SRIRANGAM,
TRICHY - 6.
Ph:0431-2437553

STRUCTURAL CONSULTANT:
J.RAGHAVENDIRAN, B.E., D.C.M., F.I.V.,
VENUS BUILDERS,
NO:83, 1st FLOOR,AANANDAM NAGAR
3rd CROSS, BEHIND AMMAYAPPA NAGAR,
VAYALUR ROAD, TRICHY - 17.
CELL : 98424 - 45699



FOR BEAMS B10&B11

L/S OF BEAMS



FOR BEAM B12,B13,B14,B15,B16,B17,B18&B19 (CANTILEVER)

L/S OF CANTILEVER BEAM

BEAM TYPE	BEAM WIDTH	BEAM DEPTH	TOP RFT (a)	BOTTOM RFT (b)	CKD RFT (c)	STIRRUPS (d)
B10	0'–9"	2'–6"	3nos– 20mmø	3nos– 20mmø	3nos– 20mmø	10mmøst@7"c/c (4Legged)
B11	0'–9"	3'–0"	3nos– 25mmø	3nos– 25mmø	3nos– 25mmø	10mmøst@7"c/c (4Legged)
B12 CANTILEVER	0'–9"	1'–0"	4nos– 12mmø	2nos– 12mmø	—	8mmøst@6"c/c
B13 CANTILEVER	0'–9"	1'–0"	2nos– 12mmø +2nos– 16mmø	3nos– 12mmø	—	8mmøst@6"c/c
B14 CANTILEVER	0'–9"	1'–6"	3nos– 16mmø	2nos– 16mmø	—	8mmøst@6"c/c
B15 CANTILEVER	0'–9"	1'–6"	4nos– 16mmø	2nos– 16mmø	—	8mmøst@6"c/c
B16 CANTILEVER	0'–9"	1'–6"	6nos– 16mmø	3nos– 16mmø	—	8mmøst@6"c/c
B17 CANTILEVER	0'–9"	1'–9"	4nos– 16mmø	2nos– 16mmø	—	8mmøst@6"c/c
B18 CANTILEVER	0'–9"	1'–3"	2nos– 12mmø +2nos– 16mmø	3nos– 12mmø	—	8mmøst@6"c/c
B19 CANTILEVER	0'–9"	1'–0"	2nos– 16mmø	2nos– 12mmø	—	8mmøst@6"c/c

J.RAGHAVENDIRAN,B.E.,F.I.V.,
REGISTERED STRUCTURAL ENGINEER
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M:98424 45699, 63817 55326

SE/GP-11/ DTCP / TRICHY / JULY-2024 / 21

PROJECT:
PROPOSED GREEN ENCLAVE - APARTMENT @ MELUR ROAD, SRIRANGAM, TRICHY

TITLE:
BF,GF,FF&SF-ROOF BEAM DETAILS - L.S.

BUILDER
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BHARATH PST CASTLE,
14, RENGANATHAPURAM,
SRIRANGAM,
TRICHY - 6.
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STRUCTURAL CONSULTANT:
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3rd CROSS, BEHIND AMMAYAPPA NAGAR,
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