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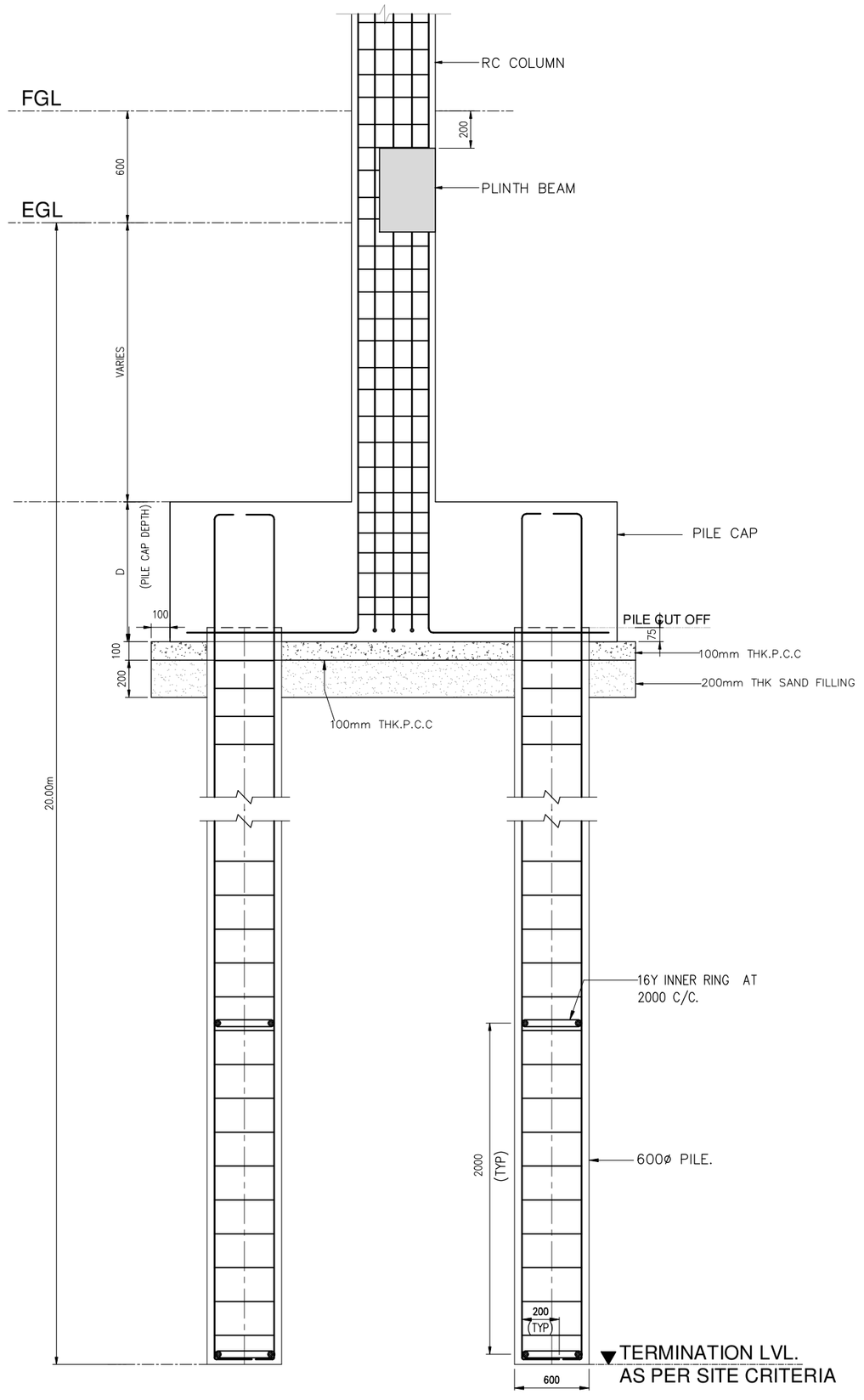
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

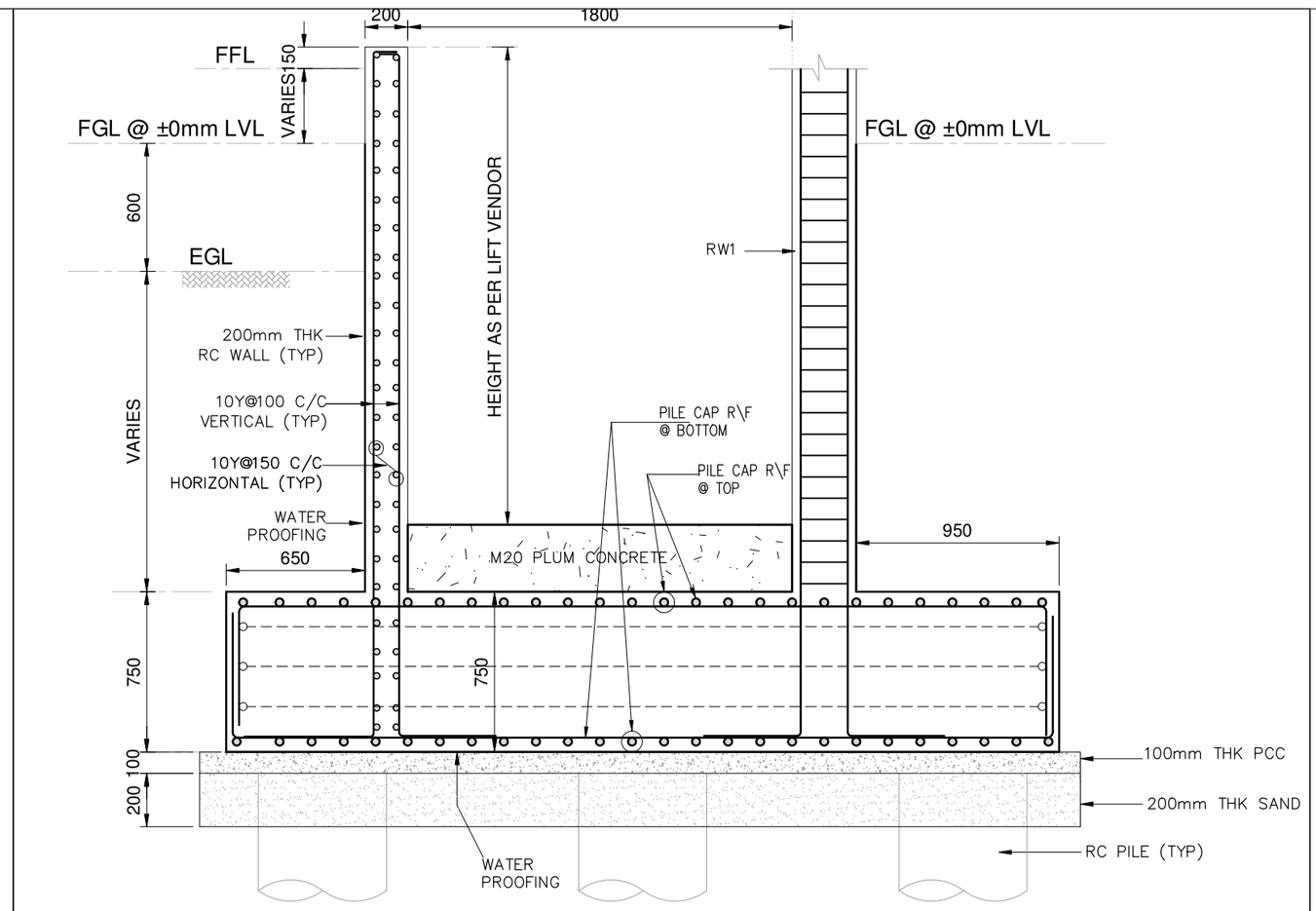
Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™

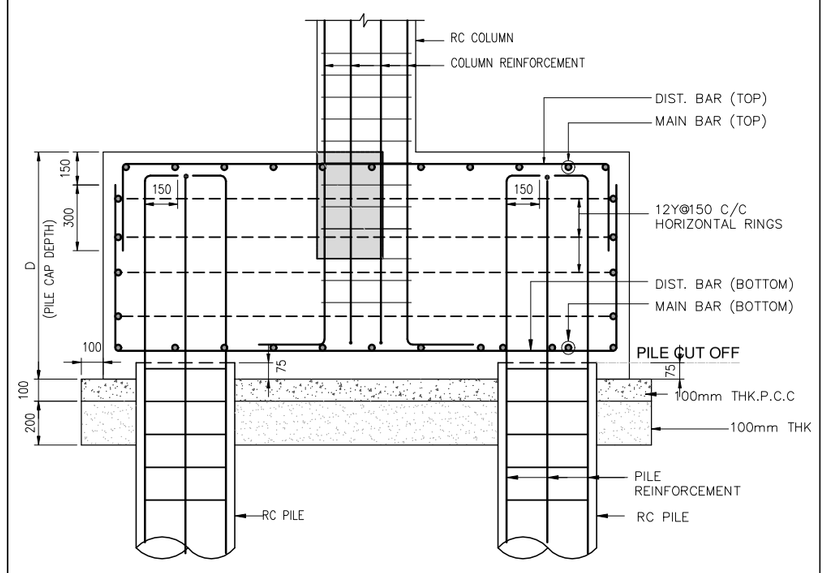




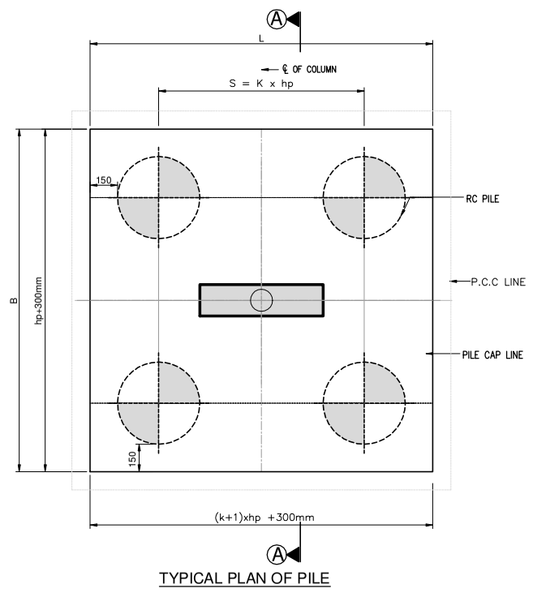
TYPICAL C.S. OF PILECAP DETAIL



C.S. OFLIFT PIT DETAILS - (PC5)
SECTION 3-3



TYPICAL C.S. OF PILECAP DETAIL
SECTION AA



TYPICAL PLAN OF PILE

SCHEDULE OF PILE CAP

SIZE OF PILE				PILE CAP SIZE			PILE CAP REINFORCEMENT			
							BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
SL.NO	TYPE	PILE DIA	NOS. OF PILE CAP	L	B	D	MAIN BAR	DIST. BAR	MAIN BAR	DIST. BAR
1	PC1	600ø	3 NOS	2400	900	600	Y20–100c/c	Y12–150c/c	Y10–200c/c	Y10–200c/c
2	PC2	600ø	3 NOS	REFER LAYOUT		600	Y20–100c/c	Y20–100c/c	Y10–150c/c	Y10–150c/c
3	PC2a	600ø	4 NOS	REFER LAYOUT		600	Y25–125c/c	Y25–125c/c	Y10–150c/c	Y10–150c/c
4	PC3	600ø	4 NOS	2400	2400	600	Y20–100c/c	Y20–100c/c	Y10–200c/c	Y10–200c/c
5	PC3a	600ø	3 NOS	2400	2400	600	Y25–125/c	Y25–125c/c	Y10–200c/c	Y10–200c/c
6	PC4	600ø	2 NOS	3900	2400	800	Y32–100c/c	Y32–100c/c	Y16–150c/c	Y16–150c/c
7	PC5	600ø	2 NOS	5400	3900	750	Y32–100c/c	Y32–100c/c	Y32–100c/c	Y32–100c/c

LEGEND :

N

GENERAL NOTES :

1. ALL DIMENSIONS ARE IN MM
2. THIS DRG SHOULD READ ALONG CONJUNCTION WITH RESPECTIVE ARCH.DRG
3. CONCRETE MIX = M35
4. STEEL GRADE = Fe550D
5. CLEAR COVER TO OUTER MOST BAR
   - FOOTING = 50MM
   - BEAM = 30MM
   - COLUMN = 40MM
   - RC WALL = 40MM
   - SLAB = 30MM
6. LAP LENGTH(Ld) OF ALL BARS SHOULD BE 50 TIMES DIA OF THE BAR. WHEN BARS OF TWO DIFFERENT DIAMETERS ARE TO BE SPLICED, THE LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF DIAMETER OF THE SMALLER BAR.
7. LEVELS INDICATED ARE UNFINISHED STRUCTURAL TOP LEVEL.
8. COLUMNS AND FOOTINGS ARE DESIGNED FOR STILT+4 FLOOR LOAD AND CONSIDERED 600MM DIA PILE CAPACITY 900 KN AS PER SOIL CONSULTANT RECOMMENDATION SET CRITERIA

REV	DESCRIPTIONS	DRN	DGN	DATE
R0	ISSUED FOR CONSTRUCTION	PGP	APSA	23.04.25

CLIENT :

VISTAWH LAND HOLDINGS INDIA PVT. LTD

PROJECT :

PROPOSED STILT+4 COMMERICAL BUILDING AT KILPAUK, CHENNAI

DRAWING TITLE :

PILE CAP & GRADE BEAM DETAILS

ARCHITECTS: :

m-cube design studio
ARCHITECTS & INTERIOR DESIGNERS
No: 267, 2nd FLOOR, Kilpauk Garden Road,
Kilpauk, CHENNAI - 600 010
Ph: 044-42148146.
E: am@m-cube.co.in W: www.m-cube.co.in

B.Arch., M.B.E.M.
Registered Architect.

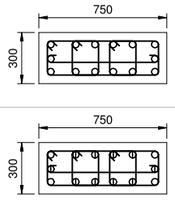
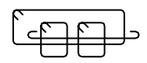
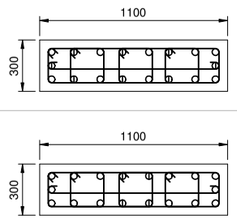
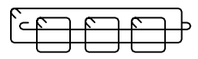
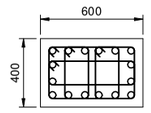
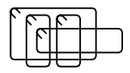
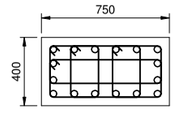
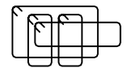
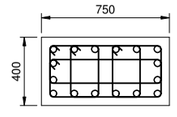
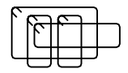
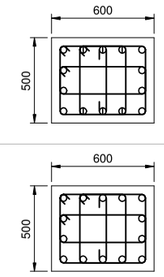
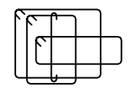
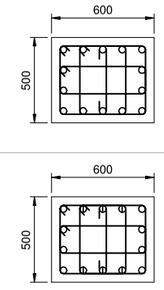
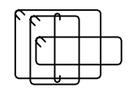
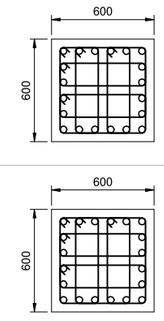
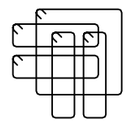
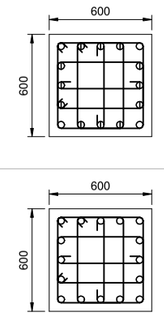
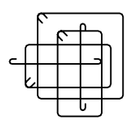
STRUCTURAL CONSULTANTS :

A P ASSOCIATES
A.P.S.ANNAMALAI, M.E.M.I.E
REGISTERED STRUCTURAL ENGG. (S.E-I)
CHARTERED ENGINEER
E-MAIL: apsannamalai@gmail.com
CELL: 99446 72063

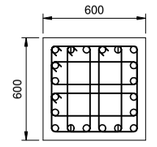
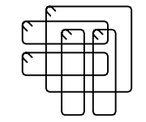
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DRN BY : SSN	DRG NO:03a		REV.
CHKD BY: APSA	JOB NO : 793		R0
DATE : 26.11.22			

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COLUMN SCHEDULE

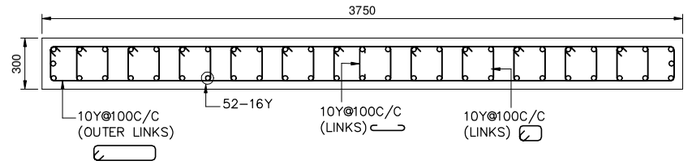
SL.NO	COLUMN NAME	LENGTH (L)	BREADTH (B)	REINFORCEMENT	COLUMN SIZE	LATERAL TIES Z1	LATERAL TIES Z 2	TIES PROFILE
1	C1	300	750	UPTO 1ST FLOOR o 14–Y20 ABOVE 1ST FLOOR o 4–Y20 Φ 10–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
2	C2	300	1100	UPTO 4TH FLOOR o 10–Y16 Φ 8–Y12 ABOVE 4TH FLOOR o 14–Y20 Φ 4–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
3	C3	400	600	o 14–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
4	C4	400	750	o 14–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
5	C5	400	750	o 14–Y20		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
6	C6	500	600	UPTO 1ST FLOOR o 8–Y20 Φ6–Y16 ABOVE 1ST FLOOR o 14–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
7	C7	500	600	UPTO 3RD FLOOR o 14–Y16 ABOVE 3RD FLOOR o 8–Y20 Φ 6–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
8	C8	600	600	UPTO 1ST FLOOR o 20–Y20 ABOVE 1ST FLOOR o20–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	
9	C9	600	600	UPTO 3RD FLOOR o 4–Y20 Φ 12–Y16 ABOVE 3RD FLOOR o 16–Y20		T10@100 C/C (Z1)	T10@150 C/C (Z2)	

COLUMN SCHEDULE

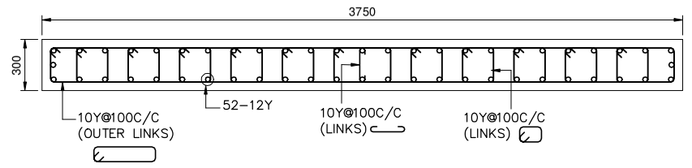
SL.NO	COLUMN NAME	LENGTH (L)	BREADTH (B)	REINFORCEMENT	COLUMN SIZE	LATERAL TIES Z1	LATERAL TIES Z 2	TIES PROFILE
10	C10	600	600	o 16–Y20 Φ 4–Y16		T10@100 C/C (Z1)	T10@150 C/C (Z2)	

C.S.OF - 'RW1'

UP TO 1st. FLOOR

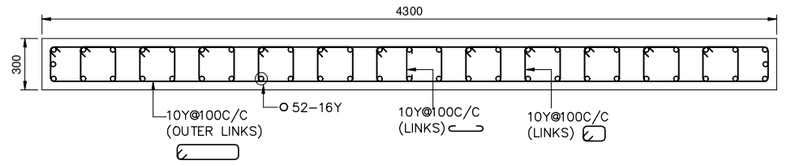


ABOVE 1st. FLOOR

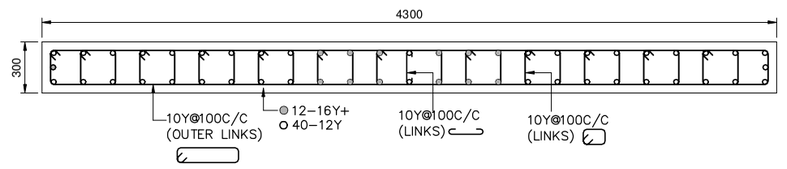


C.S.OF - 'RW2'

UP TO 1st. FLOOR



ABOVE 1st. FLOOR



LEGEND :

N

GENERAL NOTES :

1. ALL DIMENSIONS ARE IN MM
2. THIS DRG SHOULD READ ALONG CONJUNCTION WITH RESPECTIVE ARCH.DRG
3. CONCRETE MIX = M35
4. STEEL GRADE = Fe550D
5. CLEAR COVER TO OUTER MOST BAR
   - FOOTING = 50MM
   - BEAM = 30MM
   - COLUMN = 40MM
   - RC WALL = 40MM
   - SLAB = 30MM
6. LAP LENGTH(Ld) OF ALL BARS SHOULD BE 50 TIMES DIA OF THE BAR. WHEN BARS OF TWO DIFFERENT DIAMETERS ARE TO BE SPLICED, THE LAP LENGTH SHALL BE CALCULATED ON THE BASIS OF DIAMETER OF THE SMALLER BAR.
7. LEVELS INDICATED ARE UNFINISHED STRUCTURAL TOP LEVEL.
8. COLUMNS AND FOOTINGS ARE DESIGNED FOR STILT+4 FLOOR LOAD AND CONSIDERED 600MM DIA PILE CAPACITY 900 KN AS PER SOIL CONSULTANT RECOMMENDATION SET CRITERIA

REV	DESCRIPTIONS	DRN	DGN	DATE
R0	ISSUED FOR CONSTRUCTION	PGP	APSA	23.04.25

CLIENT :

VISTAWH LAND HOLDINGS INDIA PVT. LTD

PROJECT :

PROPOSED STILT+4 COMMERICAL BUILDING AT KILPAUK, CHENNAI

DRAWING TITLE :

COLUMN DETAILS

ARCHITECTS: :

m-cube design studio
ARCHITECTS & INTERIOR DESIGNERS
No: 267, 2nd FLOOR, Kilpauk Garden Road,
Kilpauk, CHENNAI - 600 010
Ph: 044-42148146.
E: am@m-cube.co.in W: www.m-cube.co.in

B.Arch., M.B.E.M.
Registered Architect.

STRUCTURAL CONSULTANTS :

A P ASSOCIATES
A.P.S.ANNAMALAI, M.E.M.I.E
REGISTERED STRUCTURAL ENGG. (S.E-I)
CHARTERED ENGINEER
E-MAIL: apsannamalai@gmail.com
CELL: 99446 72063

SCALE : 1:75	DRG NO: VISTA-STR-01a	-	
DRN BY : SSN	DRG NO:01a	REV.	
CHKD BY: APSA	JOB NO : 793	R0	
DATE : 26.11.22			

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OMR Thoraipakkam,
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