Verified RealEstate™

RE REGULATORY RECORD

RERA Document

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Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

hello@verified.realestate
+91 9996 12 9996
verified.realestate

DIGITALLY VERIFIED RECORD

ELEVATION TYPE -A

BLOCK -J

7.2 M WIDE DRIVEWAY

BLOCK -K

BLOCK -I

6 M WIDE DRIVEWAY

BLOCK -H

6 M WIDE DRIVEWAY

BLOCK -C

6 M WIDE DRIVEWAY

BLOCK -G

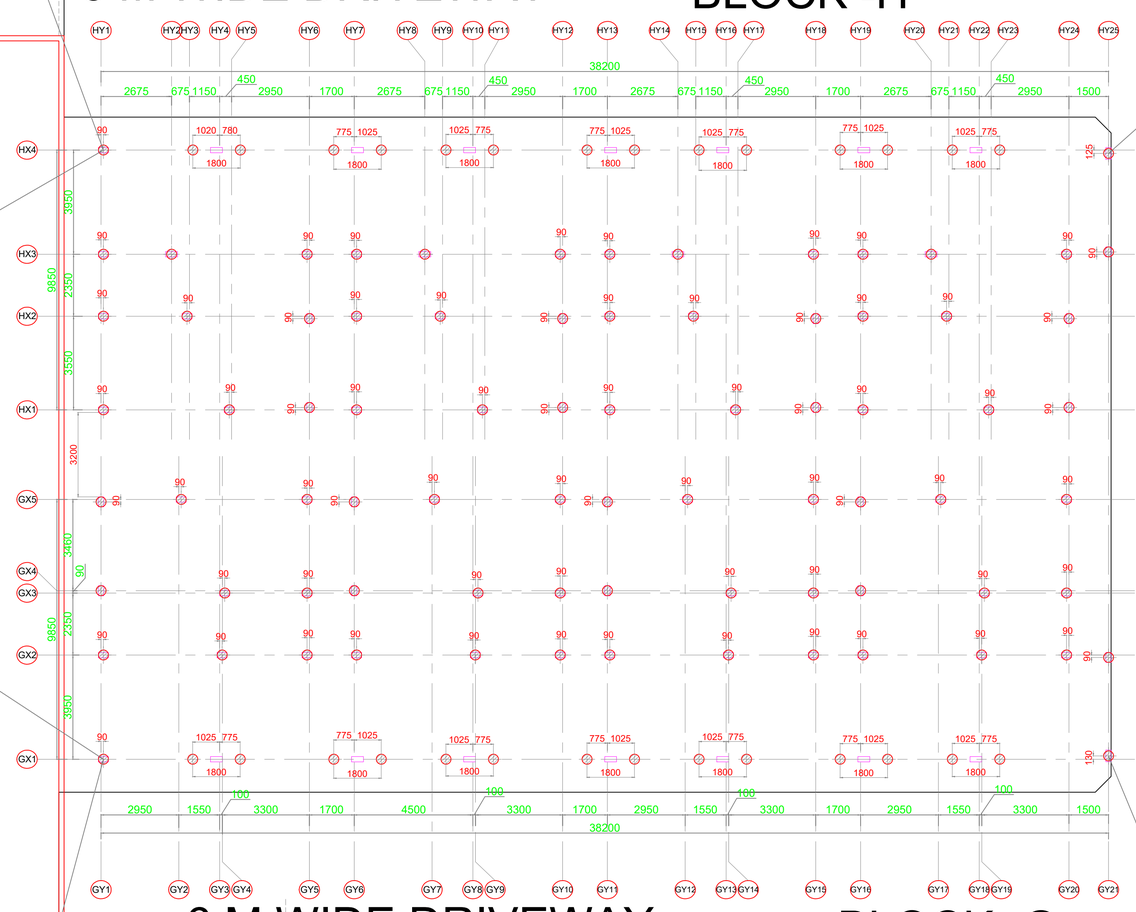
OSR

BLOCK -F

BLOCK -E

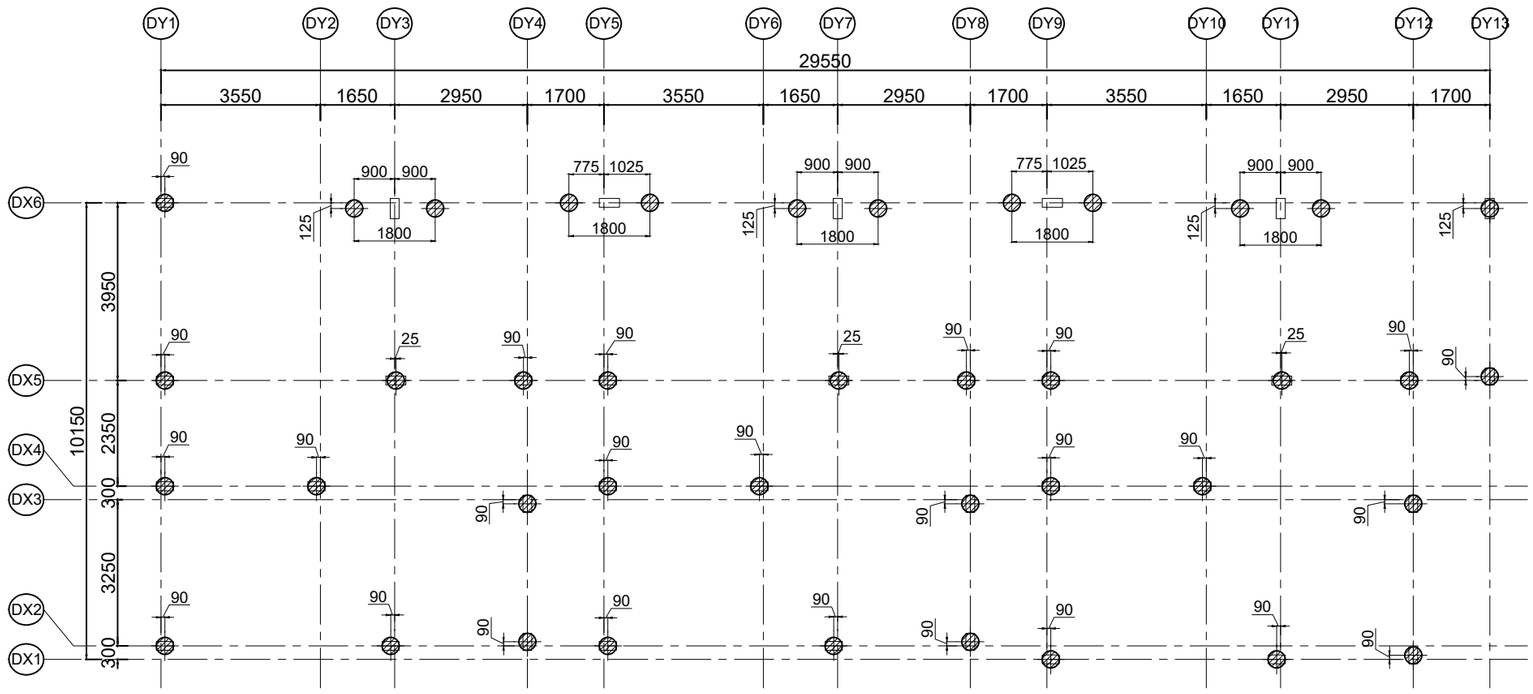
6 M WIDE DRIVEWAY

BLOCK -D



BLOCK D

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LAYOUT OF PILE

TOTAL NUMBER OF 380mm DIA PILE = 40 NOS.
(UNDER REAMED PILE)

NOTE:

FOR R.C DETAILS OF PILE
REFER DRWG.NO:GC/ST-02

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

IMPORTANT NOTES :

1 - CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERYFING ALL FABRICATION OF REINFORCEMENT DONE FOR VARIOUS MEMBERS. (via) BEAMS,SLABS,COLUMN,PILE,ETC. AND SHOULD BE CHECKED AS PER STRUCTURAL LATEST REVISIONS DRAWINGS BY OUR QUALIFIED CIVIL ENGINEER TO AVOID ANY MISTAKE AT SITE IN FABRICATION OF REINFORCEMENT BAR.(IF SITE VISIT NOT MADE BY US WE ARE NOT RESPONSIBLE)

2 -CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLAB AND BEAMS.CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / /SITE INCHARGE ENGINEER

GENERAL NOTES:

REMOVAL OF FORMWORK(SHUTTERING) :

SHUTTERING OF ANY PART OF THE STRUCTURE SHALL NOT BE REMOVED UNTIL THE CONCRETE ATTAINS 70% OF THE SPECIFIED STRENGTH OF CONCRETE. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456:2000

A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS	- 24HOURS
B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)	- 3 DAYS
C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)	- 7 DAYS
d) PROPS TO SLABS :	
i. SPANNING UPTO 4.5 M	- 7 DAYS
ii. SPANNING OVER 4.5 M	- 14 DAYS
E) PROPS TO BEAMS & ARCHES :	
i. SPANNING UPTO 6 M	- 14 DAYS
ii. SPANNING OVER 6 M	- 21 DAYS

LAP JOINTS FOR REINFORCEMENT BARS :

i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.

ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE OF 1.3 TIMES LAP LENGTH OF THE BAR FOR TENSION & COMPRESSION MEMBERS.

iii) LAP LENGTH SHALL BE AS PER (SP:34-1999) TABLE BELOW:

a) DEVELOPMENT LENGTH FOR COLUMN BARS - 40D

b) DEVELOPMENT LENGTH FOR BEAM BARS - 50D

iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT SLAB LEVEL .

v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED AT THE POINT OF CONTRAFLEXURE .

GENERAL NOTES:

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3. PILE CONCRETING MINIMUM CEMENT CONTENT 400Kg / m3
4. GRADE OF REINFORCEMENT MARKED THUS (Y) SHALL BE Fe 550 CONFIRMING TO IS 1786-1985
5. CLEAR COVER FOR REINFORCEMENT
   a) R.C.COLUMN = 40mm b) PILE = 50mm
6. THIS DRG. READ IN CONJECTION WITH ARCH.DRGS.
7. PILE & COLUMNS ARE DESIGNED FOR G +1FLOOR LOAD ONLY
8. PILE CARRYING CAPACITY
   a. 380mm DIA. - 350KN.
9. STRUCTURAL ENGINEER RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY
10. ONUS OF CONSTRUCTION LIES WITH CONTRACTOR/OWNER
11. FOR CONCRETING WATER CEMENT RATIO SHOULD BE (0.45-0.5) (FOR 1BAG CEMENT= MAX-25 LIT OF WATER ONLY TO BE ADDED.)

REV	DESCRIPTIONS	DRN	CHK	DATE
01.	REVISED AS PER ARCHI REVIEW	D.S	T.K.R	20.02.26
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	27.01.26

PROJECT :
PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :
LAYOUT OF PILE

DRG NO : 01	BLOCK D	
SCALE : A3 = 120		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-01	
DATE : 27.01.26		

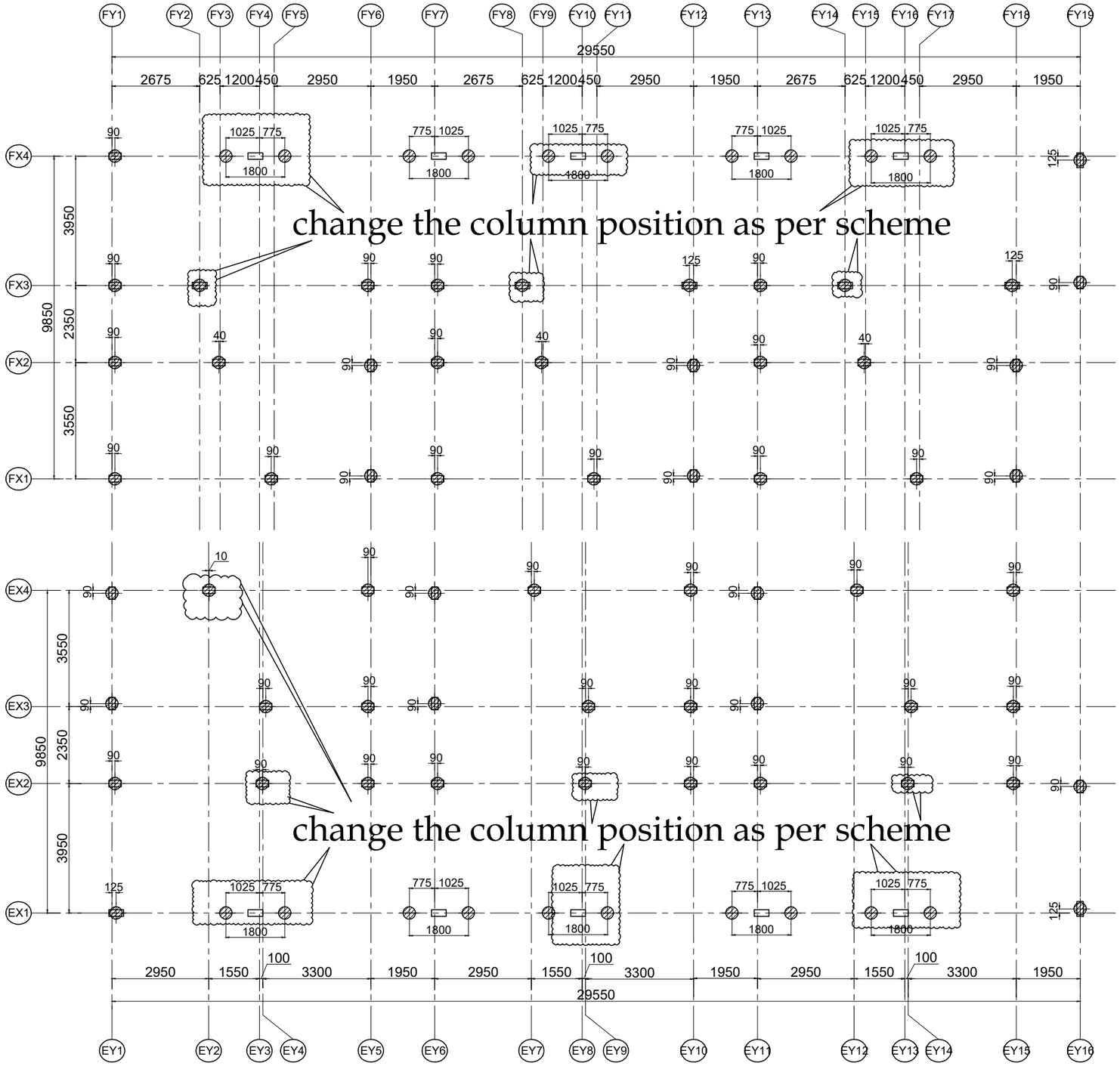
ARCHITECT: architects & designers
Jones Foundations Pvt. Ltd.

Structural Consultants :
GENUINE CONSULTANTS.,
K.RAJKUMAR - M.Tech
PLOT NO:56
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A3

BLOCK E & F

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REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	27.01.26

PROJECT :

PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :

LAYOUT OF PILE

DRG NO : 01	BLOCK E & F	
SCALE : A2 = 100		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-01	
DATE : 27.01.26		

ARCHITECT: architects & designers

Jones Foundations Pvt. Ltd.

Structural Consultants :

GENUINE CONSULTANTS.,
K.RAJKUMAR - M.Tech
PLOT NO:56
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A2

NOTE:

FOR R.C DETAILS OF PILE REFER DRWG.NO:GC/ST-02

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

LAYOUT OF PILE

TOTAL NUMBER OF 380mm DIA PILE = 80 NOS.

(UNDER REAMED PILE)

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

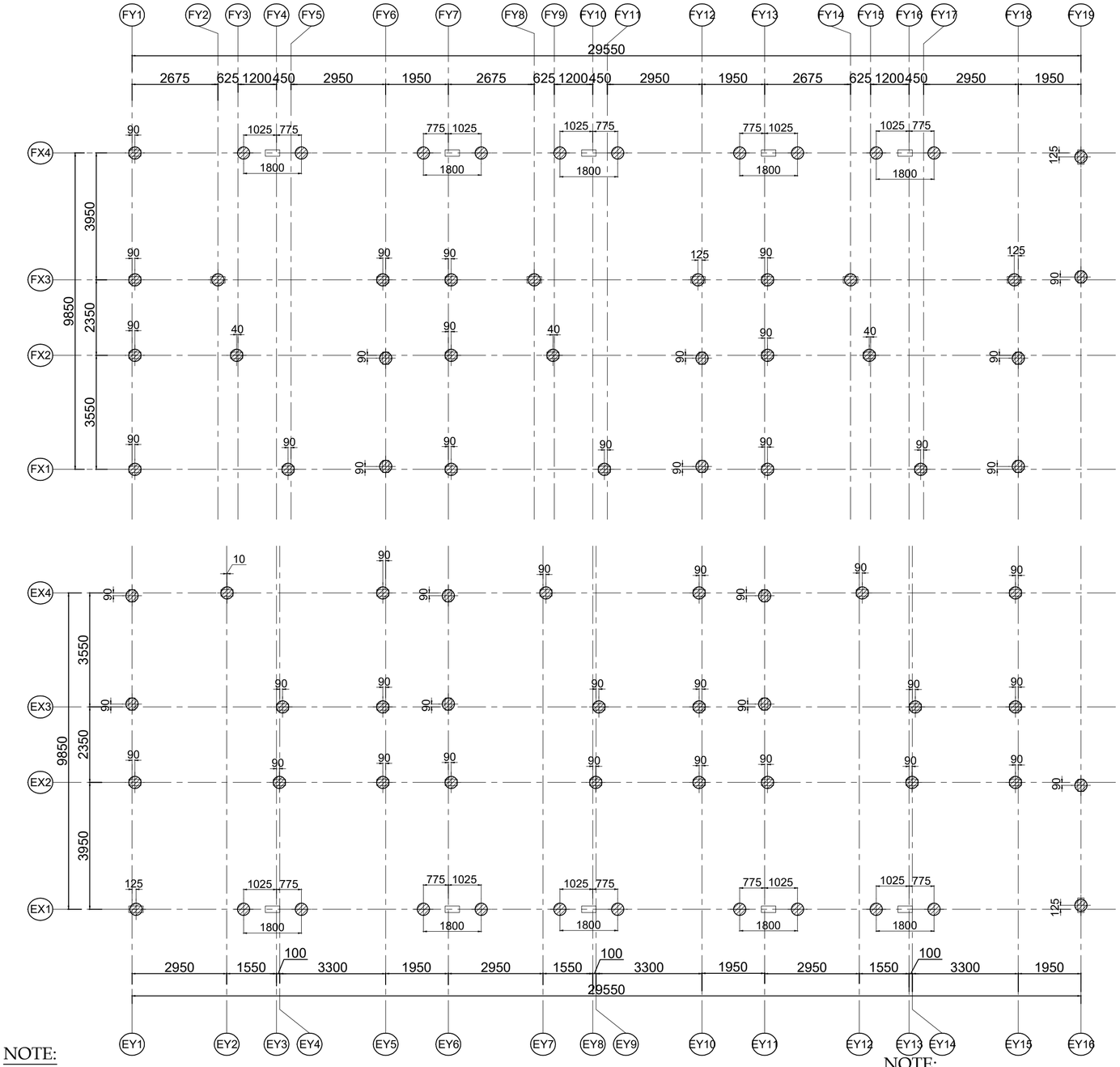
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BLOCK E & F



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REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	27.01.26

PROJECT :

PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :

LAYOUT OF PILE

DRG NO : 01	BLOCK E & F	
SCALE : A2 = 100		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-01	
DATE : 27.01.26		

ARCHITECT: architects & designers

Jones Foundations Pvt. Ltd.

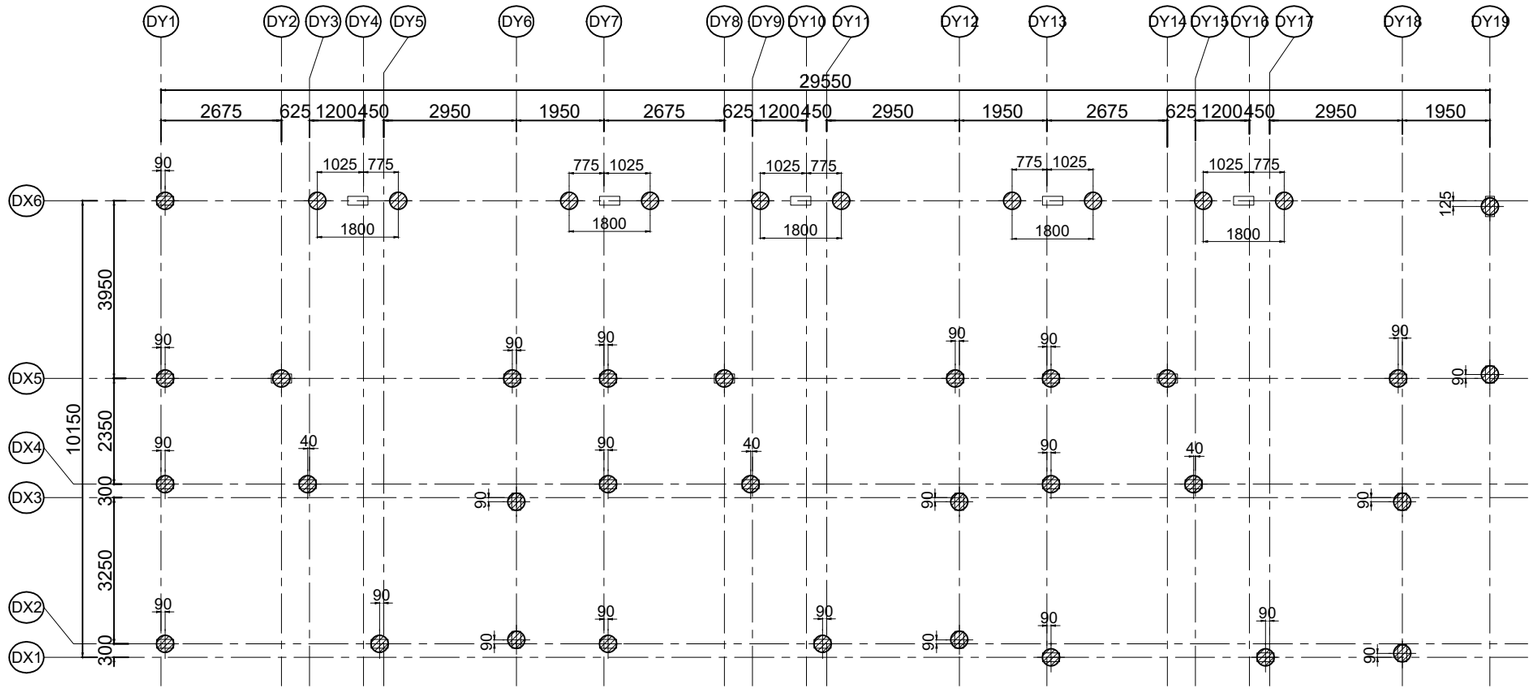
Structural Consultants :

GENUINE CONSULTANTS.,
K.RAJKUMAR - M.Tech
PLOT NO:56
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
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A2

BLOCK D

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REFER DRWG.NO:GC/ST-02

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PROJECT :
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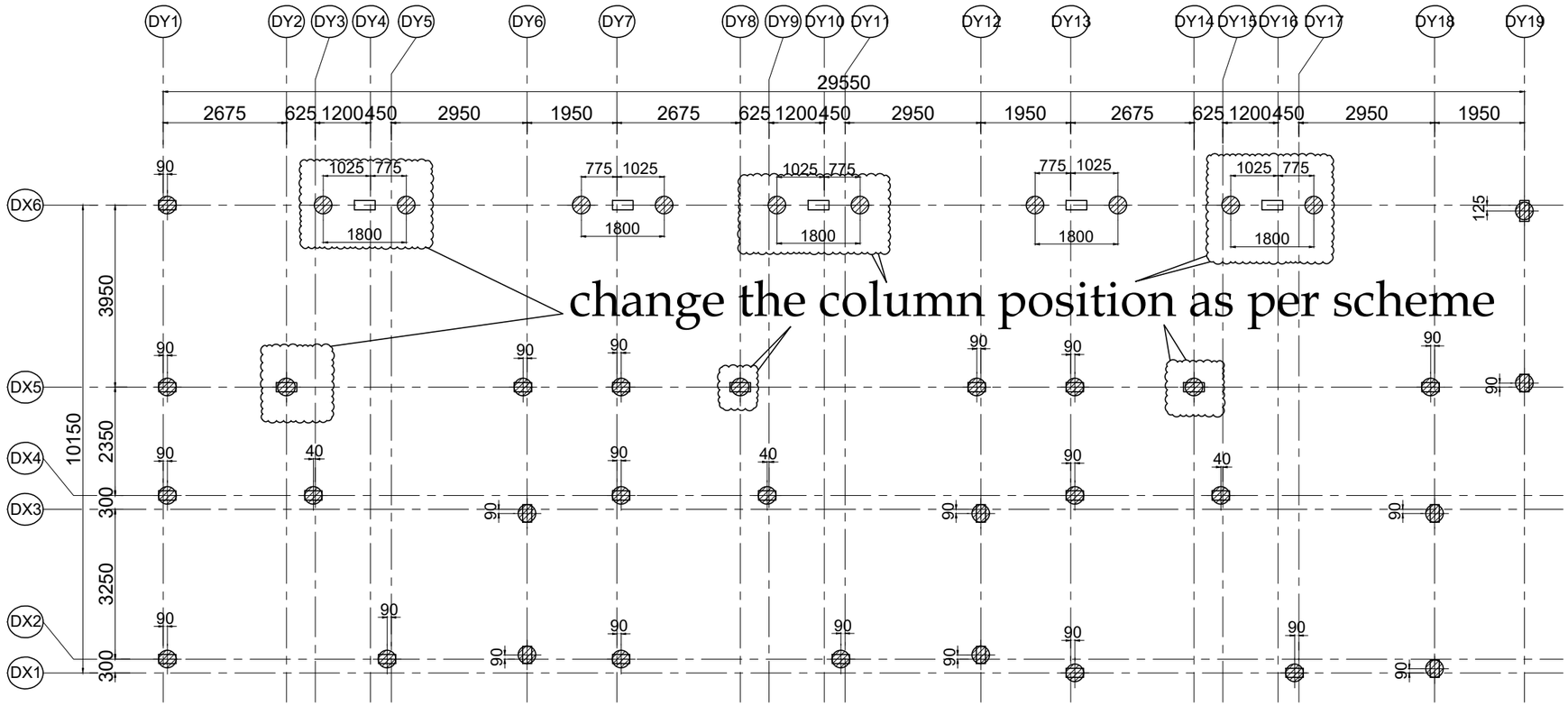
DRAWING TITLE :
LAYOUT OF PILE

DRG NO : 01	BLOCK D	
SCALE : A3 = 120		
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A3



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C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)	- 7 DAYS
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i. SPANNING UPTO 4.5 M	- 7 DAYS
ii. SPANNING OVER 4.5 M	- 14 DAYS
E) PROPS TO BEAMS & ARCHES :	
i. SPANNING UPTO 6 M	- 14 DAYS
ii. SPANNING OVER 6 M	- 21 DAYS

LAP JOINTS FOR REINFORCEMENT BARS :

i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.

ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE OF 1.3 TIMES LAP LENGTH OF THE BAR FOR TENSION & COMPRESSION MEMBERS.

iii) LAP LENGTH SHALL BE AS PER (SP:34-1999) TABLE BELOW:

a) DEVELOPMENT LENGTH FOR COLUMN BARS - 40D

b) DEVELOPMENT LENGTH FOR BEAM BARS - 50D

iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT SLAB LEVEL .

v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED AT THE POINT OF CONTRAFLEXURE .

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNITS.
2. CONCRETE GRADE FOR PILE SHALL BE M30 CONFIRMING TO IS 456:2000
3. PILE CONCRETING MINIMUM CEMENT CONTENT 400Kg / m3
4. GRADE OF REINFORCEMENT MARKED THUS (Y) SHALL BE Fe 550 CONFIRMING TO IS 1786-1985
5. CLEAR COVER FOR REINFORCEMENT
   a) R.C.COLUMN = 40mm b) PILE = 50mm
6. THIS DRG. READ IN CONJECTION WITH ARCH.DRGS.
7. PILE & COLUMNS ARE DESIGNED FOR G +1FLOOR LOAD ONLY
8. PILE CARRYING CAPACITY
   a. 380mm DIA. - 350KN.
9. STRUCTURAL ENGINEER RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY
10. ONUS OF CONSTRUCTION LIES WITH CONTRACTOR/OWNER
11. FOR CONCRETING WATER CEMENT RATIO SHOULD BE (0.45-0.5) (FOR 1BAG CEMENT= MAX-25 LIT OF WATER ONLY TO BE ADDED.)

REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	27.01.26

PROJECT :

PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :

LAYOUT OF PILE

DRG NO : 01	BLOCK D	
SCALE : A3 = 120		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-01	
DATE : 27.01.26		

ARCHITECT: architects & designers

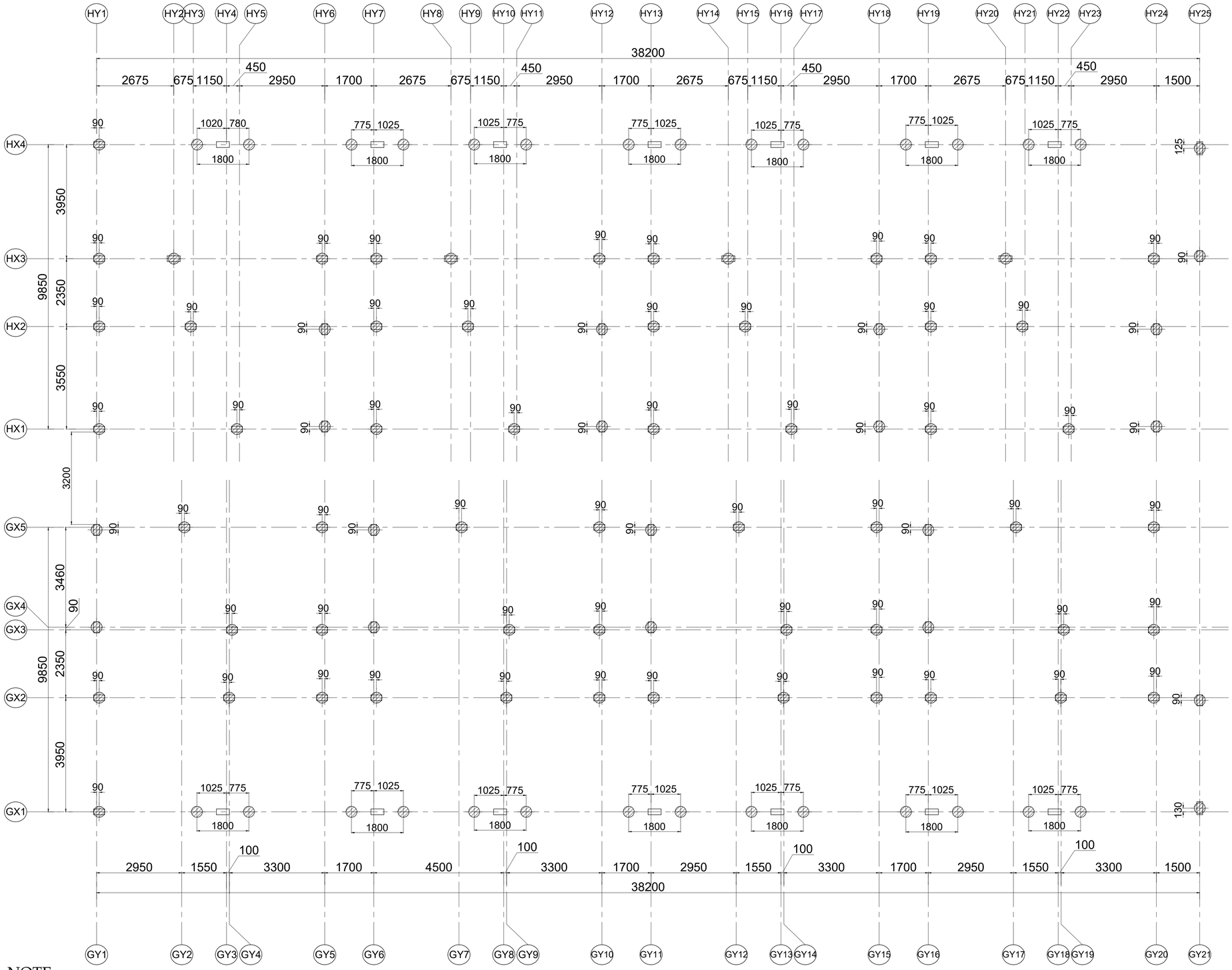
Jones Foundations Pvt. Ltd.

Structural Consultants :

GENUINE CONSULTANTS.,
K.RAJKUMAR - M.Tech
PLOT NO:56
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A3

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LAYOUT OF PILE

TOTAL NUMBER OF 380mm DIA PILE = 106 NOS.

(UNDER REAMED PILE)

NOTE:

FOR R.C DETAILS OF PILE REFER DRWG.NO:GC/ST-02

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

IMPORTANT NOTES :

1 - CONCRETING AT SITE SHALL BE STARTED ONLY AFTER VERYFING ALL FABRICATION OF REINFORCEMENT DONE FOR VARIOUS MEMBERS. (via) BEAMS,SLABS,COLUMN,PILE,ETC. AND SHOULD BE CHECKED AS PER STRUCTURAL LATEST REVISIONS DRAWINGS BY OUR QUALIFIED CIVIL ENGINEER TO AVOID ANY MISTAKE AT SITE IN FABRICATION OF REINFORCEMENT BAR.(IF SITE VISIT NOT MADE BY US WE ARE NOT RESPONSIBLE)

2 -CONCRETE SHOULD BE DONE MONOLITHICALLY FOR CANTILEVER SLAB AND BEAMS.CONSTRUCTION JOINT IN CONCRETE SHOULD BE FOLLOWED AS PER DIRECTIONS GIVEN BY QUALIFIED CIVIL ENGINEER / /SITE INCHARGE ENGINEER

GENERAL NOTES:

REMOVAL OF FORMWORK(SHUTTERING) :

SHUTTERING OF ANY PART OF THE STRUCTURE SHALL NOT BE REMOVED UNTIL THE CONCRETE ATTAINS 70% OF THE SPECIFIED STRENGTH OF CONCRETE. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456:2000

A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS	- 24HOURS
B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)	- 3 DAYS
C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)	- 7 DAYS
d) PROPS TO SLABS :	
i. SPANNING UPTO 4.5 M	- 7 DAYS
ii. SPANNING OVER 4.5 M	- 14 DAYS
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ii. SPANNING OVER 6 M	- 21 DAYS

LAP JOINTS FOR REINFORCEMENT BARS :

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ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE OF 1.3 TIMES LAP LENGTH OF THE BAR FOR TENSION & COMPRESSION MEMBERS.

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iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT SLAB LEVEL .

v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED AT THE POINT OF CONTRAFLEXURE .

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNITS.
2. CONCRETE GRADE FOR PILE SHALL BE M30 CONFIRMING TO IS 456:2000
3. PILE CONCRETING MINIMUM CEMENT CONTENT 400Kg / m3
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5. CLEAR COVER FOR REINFORCEMENT a) R.C.COLUMN = 40mm b) PILE = 50mm
6. THIS DRG. READ IN CONJECTION WITH ARCH.DRGS.
7. PILE & COLUMNS ARE DESIGNED FOR G +1FLOOR LOAD ONLY
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REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	19.01.26

PROJECT :

PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :

LAYOUT OF PILE

DRG NO : 01	
SCALE : A2 = 100	
DRN BY : D.S	DRG NO: GC/ST-01
CHKD BY: T.KR	
DATE : 19.01.26	

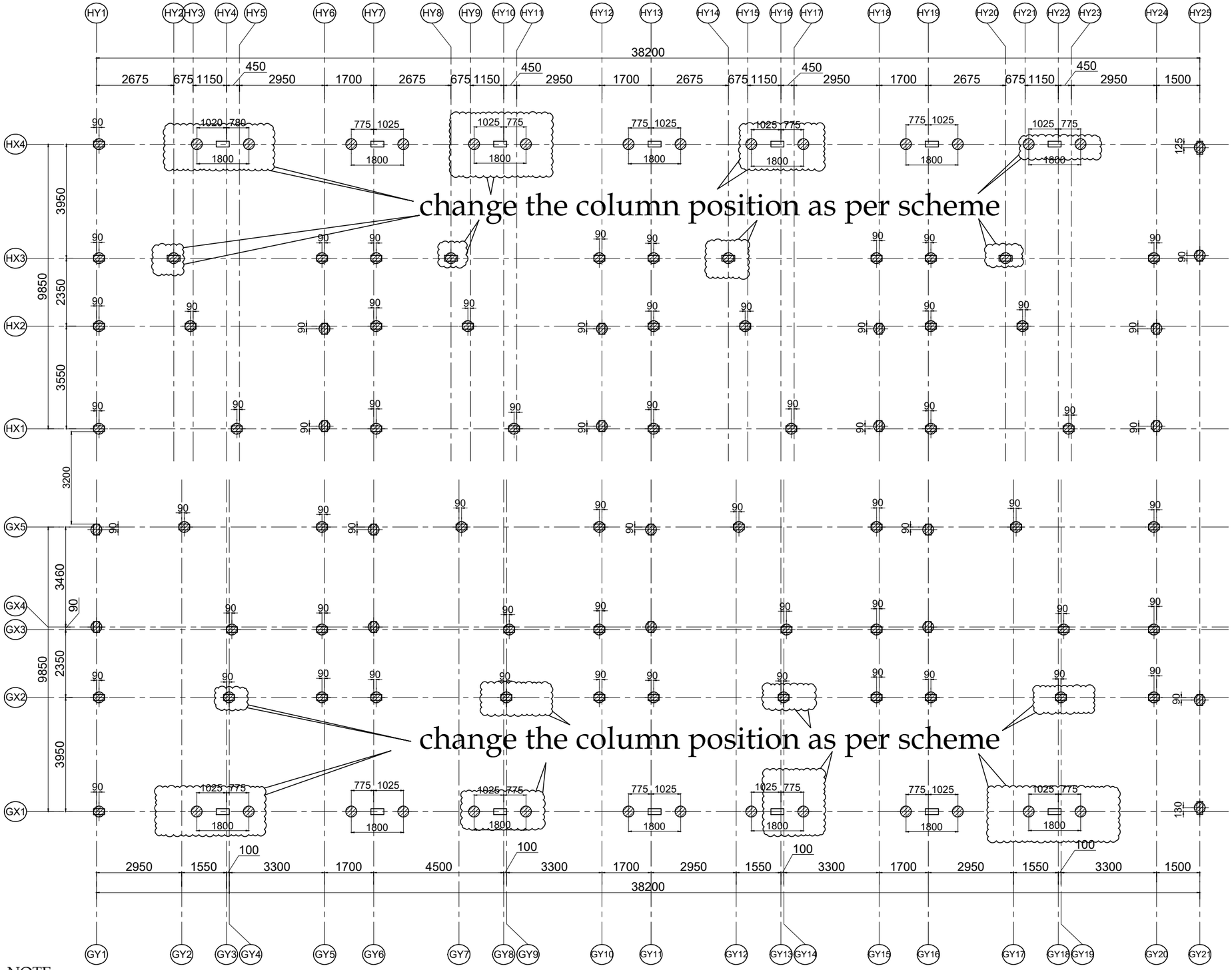
ARCHITECT: architects & designers

Jones Foundations Pvt. Ltd.

Structural Consultants :

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K.RAJKUMAR - M.Tech
PLOT NO:56
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E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A2



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GENERAL NOTES:

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REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	19.01.26

PROJECT :

PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :

LAYOUT OF PILE

DRG NO : 01	
SCALE : A2 = 100	
DRN BY : D.S	DRG NO: GC/ST-01
CHKD BY: T.KR	
DATE : 19.01.26	

ARCHITECT: architects & designers

Jones Foundations Pvt. Ltd.

Structural Consultants :

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K.RAJKUMAR - M.Tech
PLOT NO:56
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CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A2

NOTE:

FOR R.C DETAILS OF PILE REFER DRWG.NO:GC/ST-02

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

LAYOUT OF PILE

TOTAL NUMBER OF 380mm DIA PILE = 106 NOS.

(UNDER REAMED PILE)

NOTE:

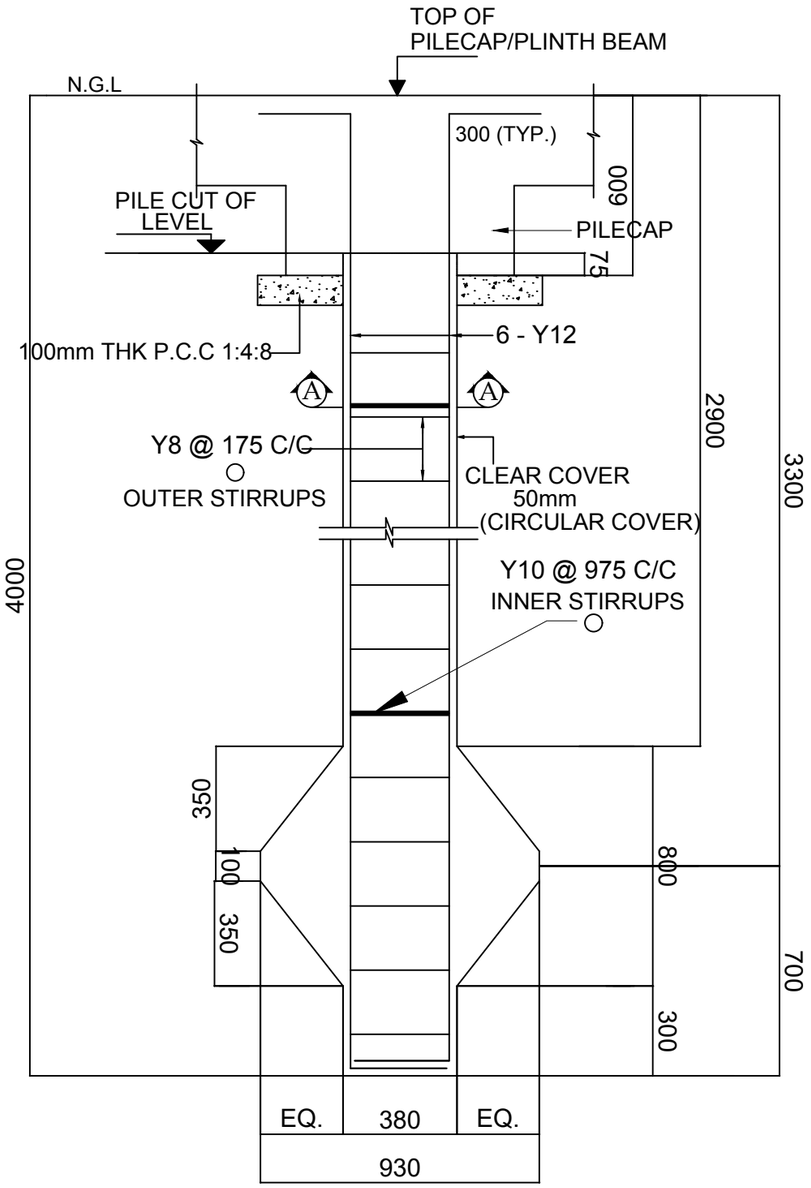
WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

IMPORTANT NOTES :

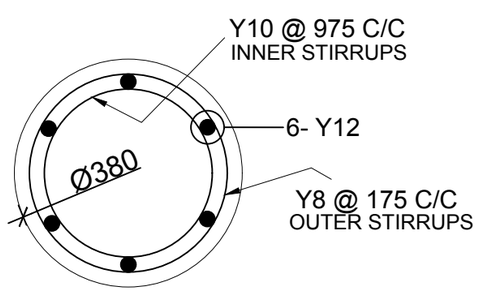
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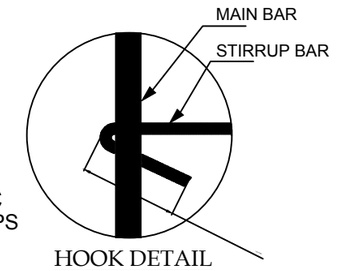


L.S OF 380mm DIA PILE
(UNDER REAMED PILE)

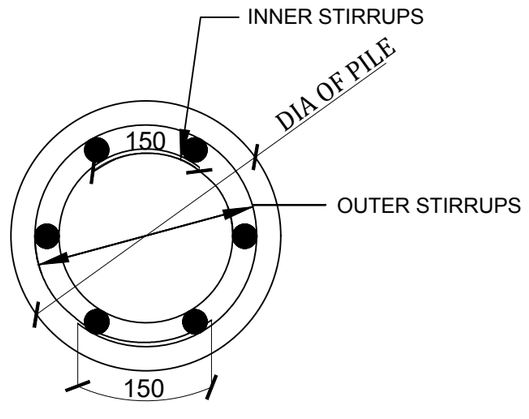
TOTAL NUMBER OF 380mm DIA PILE = 80 NOS.
(UNDER REAMED PILE)



SECTION - "A-A"



HOOK DETAIL



TYPICAL HOOK DETAIL
(FOR PILE)

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

FOR LAYOUT OF PILE REFER DRWG.NO:GC/ST-01

LEGEND:

N.G.L - NATURAL GROUND LEVEL

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

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GENERAL NOTES:

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A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS	- 24HOURS
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d) PROPS TO SLABS :	
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ii. SPANNING OVER 6 M	- 21 DAYS

LAP JOINTS FOR REINFORCEMENT BARS :

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GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNITS.
2. CONCRETE GRADE FOR PILE SHALL BE M30 CONFIRMING TO IS 456:2000
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11. FOR CONCRETING WATER CEMENT RATIO SHOULD BE (0.45-0.5) (FOR 1BAG CEMENT= MAX-25 LIT OF WATER ONLY TO BE ADDED.)

REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	27.01.26

PROJECT :
PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

DRAWING TITLE :
L.S & R.C DETAILS OF PILE

DRG NO : 02	BLOCK E & F	
SCALE : A3 = 90		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-02	
DATE : 27.01.26		

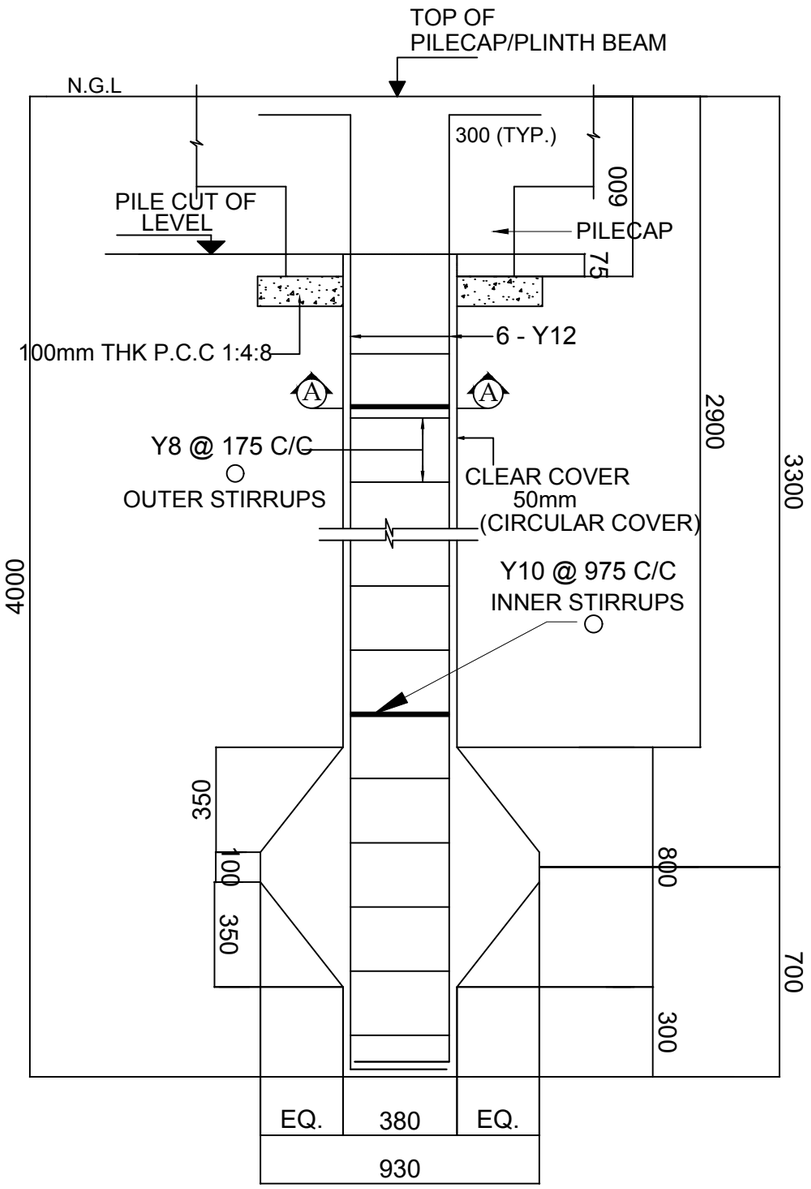
ARCHITECT: architects & designers
Jones Foundations Pvt. Ltd.

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A3

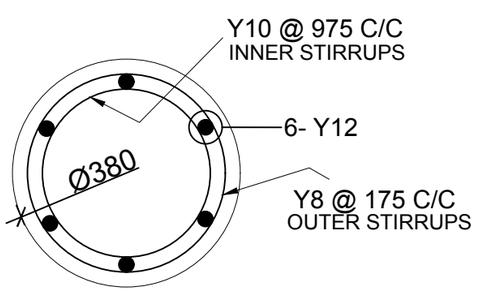
BLOCK D

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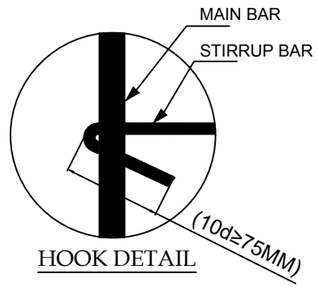


L.S OF 380mm DIA PILE
(UNDER REAMED PILE)

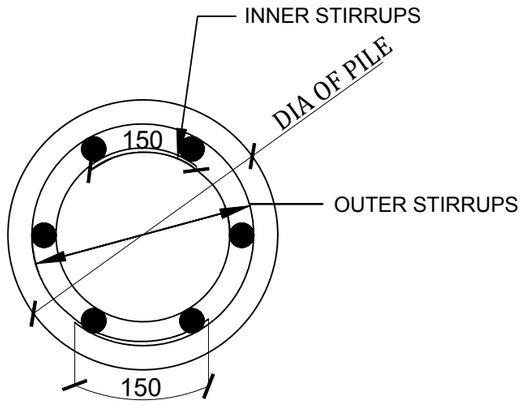
TOTAL NUMBER OF 380mm DIA PILE = 40 NOS.
(UNDER REAMED PILE)



SECTION - "A-A"



HOOK DETAIL



TYPICAL HOOK DETAIL
(FOR PILE)

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

FOR LAYOUT OF PILE REFER DRWG.NO:GC/ST-01

LEGEND:

N.G.L - NATURAL GROUND LEVEL

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

IMPORTANT NOTES :

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REV	DESCRIPTIONS	DRN	CHK	DATE
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PROJECT :
PROPOSED CONSTRUCTION OF RESIDENTIAL VILLA AT OTTIYAMBAKKAM

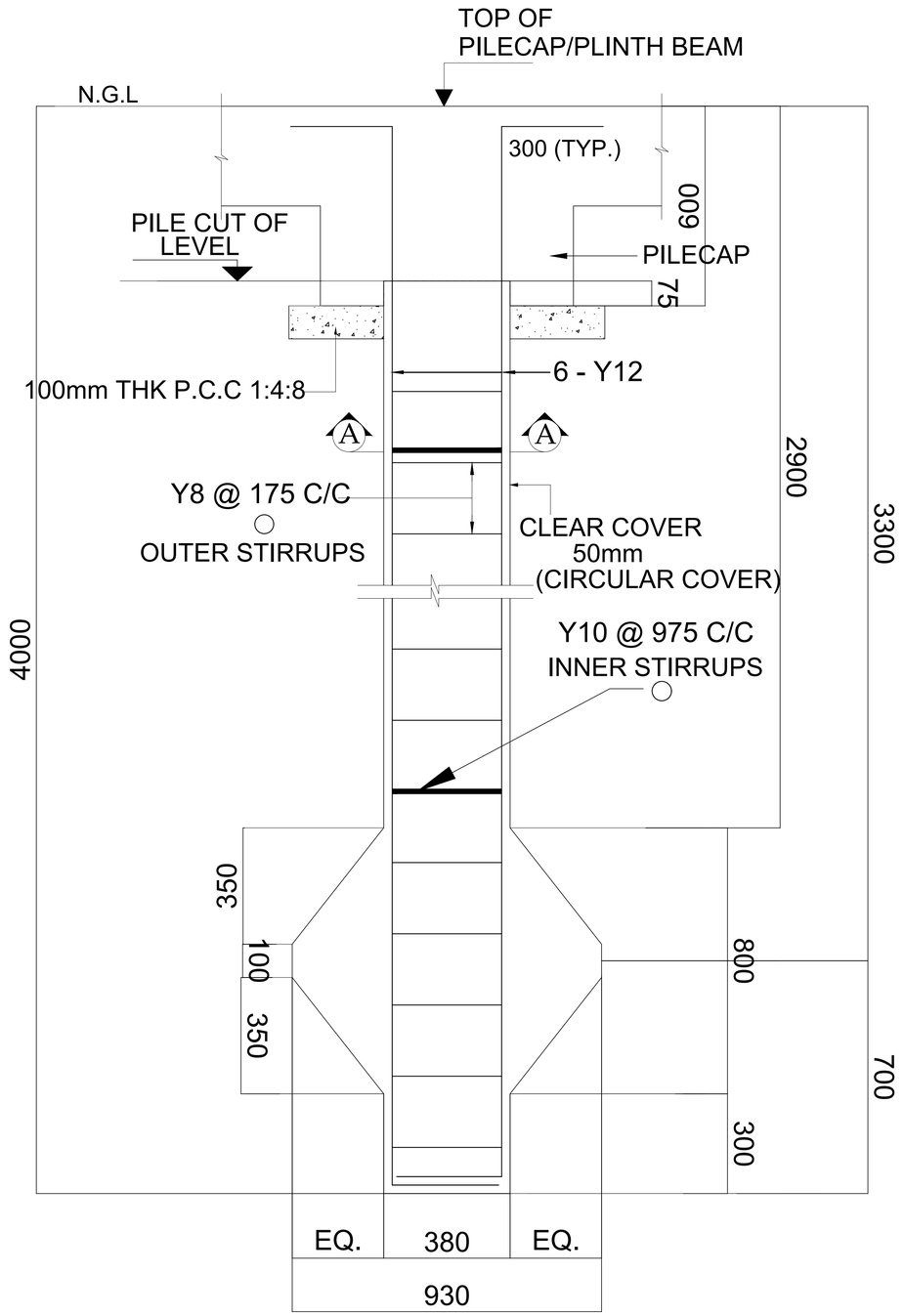
DRAWING TITLE :
L.S & R.C DETAILS OF PILE

DRG NO : 02	BLOCK D	
SCALE : A3 = 90		
DRN BY : D.S	DRG NO:	
CHKD BY: T.KR	GC/ST-02	
DATE : 27.01.26		

ARCHITECT: architects & designers
Jones Foundations Pvt. Ltd.

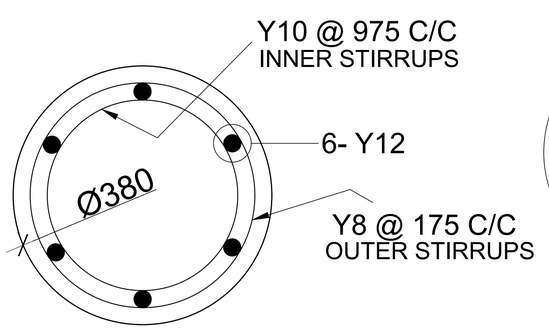
Structural Consultants :
GENUINE CONSULTANTS.,
K.RAJKUMAR - M.Tech
PLOT NO:56
PALLIKARANAI,
CHENNAI - 600 100.
E-MAIL: genuine.civil@gmail.com
OFFICE: 044- 48511444

A3

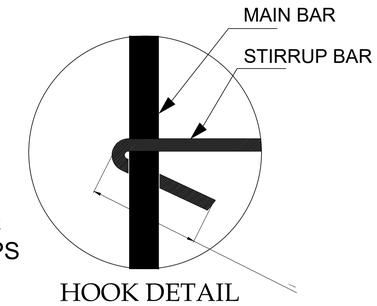


L.S OF 380mm DIA PILE
(UNDER REAMED PILE)

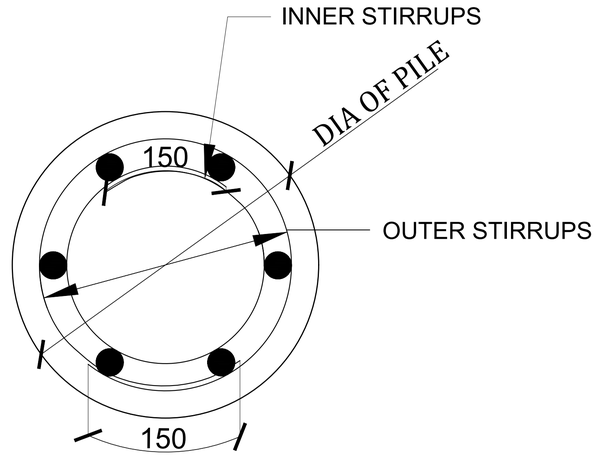
TOTAL NUMBER OF 380mm DIA PILE = 106 NOS.
(UNDER REAMED PILE)



SECTION - "A-A"



HOOK DETAIL



TYPICAL HOOK DETAIL
(FOR PILE)

NOTE:

WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERALTIES SHALL BE Y8 @ 200 C/C.

ALL HOOKS SHOULD BE BENT TO AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 75 MM

FOR LAYOUT OF PILE REFER DRWG.NO:GC/ST-01

LEGEND:

N.G.L - NATURAL GROUND LEVEL

IMPORTANT NOTES :

* CONCRETE MIX RATIO - M30 (DESIGN MIX)
* MINIMUM CEMENT CONTENT= 400 kg/m3.

IMPORTANT NOTES :

1 -ALL CENTER LINE DIMENSIONS TO BE CHECKED BY ARCHITECT BEFORE SETTING OUT OF PLAN AT SITE

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GENERAL NOTES:

REMOVAL OF FORMWORK(SHUTTERING) :

SHUTTERING OF ANY PART OF THE STRUCTURE SHALL NOT BE REMOVED UNTIL THE CONCRETE ATTAINS 70% OF THE SPECIFIED STRENGTH OF CONCRETE. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456:2000

A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS	- 24HOURS
B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)	- 3 DAYS
C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)	- 7 DAYS
d) PROPS TO SLABS :	
i. SPANNING UPTO 4.5 M	- 7 DAYS
ii. SPANNING OVER 4.5 M	- 14 DAYS
E) PROPS TO BEAMS & ARCHES :	
i. SPANNING UPTO 6 M	- 14 DAYS
ii. SPANNING OVER 6 M	- 21 DAYS

LAP JOINTS FOR REINFORCEMENT BARS :

i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.

ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE OF 1.3 TIMES LAP LENGTH OF THE BAR FOR TENSION & COMPRESSION MEMBERS.

iii) LAP LENGTH SHALL BE AS PER (SP:34-1999) TABLE BELOW:
a) DEVELOPMENT LENGTH FOR COLUMN BARS - 40D
b) DEVELOPMENT LENGTH FOR BEAM BARS - 50D

iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT SLAB LEVEL .

v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED AT THE POINT OF CONTRAFLEXURE .

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MM UNITS.
2. CONCRETE GRADE FOR PILE SHALL BE M30 CONFIRMING TO IS 456:2000
3. PILE CONCRETING MINIMUM CEMENT CONTENT 400Kg / m3
4. GRADE OF REINFORCEMENT MARKED THUS (Y) SHALL BE Fe 550 CONFIRMING TO IS 1786-1985
5. CLEAR COVER FOR REINFORCEMENT
   a) R.C.COLUMN = 40mm b) PILE = 50mm
6. THIS DRG. READ IN CONJECTION WITH ARCH.DRGS.
7. PILE & COLUMNS ARE DESIGNED FOR G +1FLOOR LOAD ONLY
8. PILE CARRYING CAPACITY
   a. 380mm DIA. - 350KN.
9. STRUCTURAL ENGINEER RESPONSIBILITY IS LIMITED TO DESIGN & ISSUAL OF STRUCTURAL DRAWING ONLY
10. ONUS OF CONSTRUCTION LIES WITH CONTRACTOR/OWNER
11. FOR CONCRETING WATER CEMENT RATIO SHOULD BE (0.45-0.5) (FOR 1BAG CEMENT= MAX-25 LIT OF WATER ONLY TO BE ADDED.)

REV	DESCRIPTIONS	DRN	CHK	DATE
00.	ISSUED FOR CONSTRUCTION	D.S	T.K.R	19.01.26

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A3

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

Verified RealEstate
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.