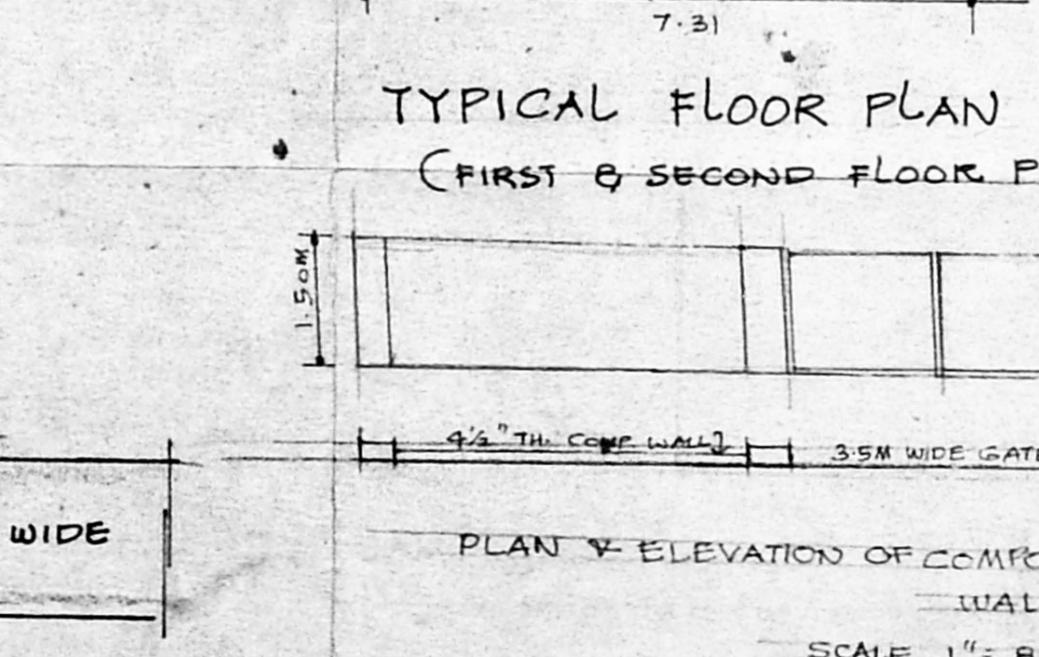
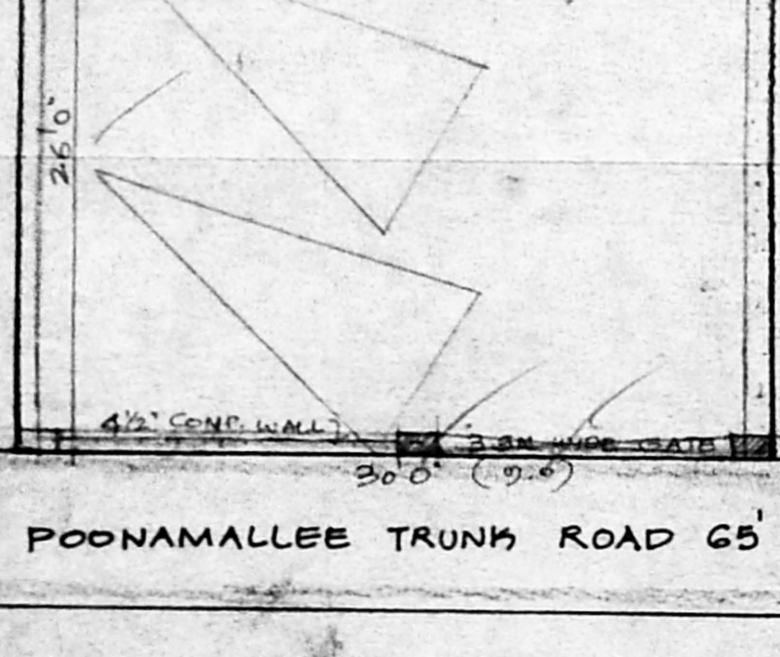


**APPROVED KEY PLAN (NOT TO SCALE)**  
 Planning Permit No. B/26282/27/99  
 SUBJECT TO THE CONDITIONS IN THE HISTORIC LETTER.  
 No. 1299/98 Date 1/99  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



**SCHEDULE OF JOINERY**

|      |                 |           |             |
|------|-----------------|-----------|-------------|
| R/S  | BULLOCK SHOTEN  | 40' x 70' | 2.44 x 2.13 |
| R/S1 | Roller shutter  | 40' x 70' | 1.52 x 2.13 |
| D    | DOOR            | 30' x 70' | 1.00 x 2.13 |
| D1   | DOOR            | 30' x 70' | 1.00 x 2.13 |
| P2   | C.M.B.A. (D.P.) | NO. 84    | 1.22 x 1.22 |
| W1   | WINDOW          | 40' x 40' | 1.22 x 1.22 |
| W2   | WINDOW          | 20' x 40' | 0.61 x 1.22 |
| V    | VENTILATOR      | 20' x 20' | 0.61 x 0.61 |
| U1   | VENTILATOR      | 20' x 20' | 0.61 x 0.61 |

**AREA STATEMENT**

|                   |              |                       |
|-------------------|--------------|-----------------------|
| PLOT AREA         | 2580 Sq. Ft. | 239.68 m <sup>2</sup> |
| GROUND FLOOR AREA | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| FIRST FLOOR AREA  | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| SECOND FLOOR AREA | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| TOTAL FLOOR AREA  | 3186 Sq. Ft. | 297 m <sup>2</sup>    |
| NON FSI AREA      | 318 Sq. Ft.  | 30 m <sup>2</sup>     |
| FSI AREA          | 2868 Sq. Ft. | 267 m <sup>2</sup>    |

F.S.I : 1.11  
 PLOT EXTENT AS PER PATTI 250 m<sup>2</sup>

**COLOUR INDEX**

|               |     |
|---------------|-----|
| PROPOSED ROAD | --- |
| SITE BOUNDARY | --- |

**PLAN SHOWING THE PROPOSED OFFICE BUILDING IN S.No: 625/2 (AS PER PATTI S.No: 625/2A3) OF POONAMALLEE VILLAGE, KARAYANCHAVADI POONAMALLEE TRUNK ROAD CHENNAI : 56.**

SCALE : 1" = 8'0" OR 1:100.

**SEPTIC TANK DESIGN CALCULATIONS.**  
 THE PROPOSED CALCULATION IS FOR COMMERCIAL USE HENCE IT IS EQUATED TO RESIDENTIAL UNIT AS 50m<sup>2</sup> : UNIT FOR DESIGN CALCULATION  
 TOTAL FLOOR AREA : 296 m<sup>2</sup> (INCLUDING NON FSI AREA)  
 : 6 UNITS (50m<sup>2</sup> : UNIT)  
 NO. OF USERS : 5 x 6 = 30  
 RATE OF WATER SUPPLY : 150 LITRES / PER DAY.  
 FLOW OF SEWAGE : 30 x 150 = 4500 LITRES.  
 DETENTION PERIOD : 18 HOURS.  
 TANK CAPACITY : 4500 x 18/24 = 3375 LITRES.  
 CLEANING ONCE IN A YEAR  
 SLUDGE STORAGE : 30 x 8 = 240 LITRES.  
 CAPACITY REQUIRED : 3375 + 240 = 3615 LITRES.  
 ASSUME THE SEPTIC TANK CAPACITY : 4.5 m<sup>3</sup>  
 DEPTH OF WATER : 1.00 m.  
 FREE BOARD : 0.30  
 1.30 m.  
 AREA OF SEPTIC TANK REQUIRED : 4.5 : 3.46 m<sup>2</sup>  
 CLEAR LENGTH OF TANK : 3.00 m.  
 CLEAR WIDTH OF TANK : 1.50 m.  
 SIZE OF SEPTIC TANK : 3.00 x 1.50 x 1.30.  
**UP FLOW FILTER**  
 DISCHARGE FROM SEPTIC TANK : 3375 LITRES  
 WIDTH OF FILTER : 1.50 m  
 DEPTH OF FILTER : 1.30 m  
 LENGTH REQUIRED : 3.375 : 1.73  
 1.50 x 1.3  
 THREE NUMBERS OF FILTERS PROVIDED : 1.73 : 0.576 Say 0.60 m  
 PROVIDED UP FLOW FILTER SIZE : 0.60 x 1.50 x 1.30 - 3 NOS.

**AREA CALCULATIONS**

|  |               |              |                       |
|--|---------------|--------------|-----------------------|
| PLOT AREA                                  | 88'0" x 30'0" | 2580 Sq. Ft. | 239.68 m <sup>2</sup> |
| GROUND FLOOR AREA                          | 24'0" x 44'3" | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| FIRST FLOOR AREA                           | 24'0" x 44'3" | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| SECOND FLOOR AREA                          | 24'0" x 44'3" | 1062 Sq. Ft. | 99 m <sup>2</sup>     |
| TOTAL FLOOR AREA                           |               | 3186 Sq. Ft. | 297 m <sup>2</sup>    |
| NON FSI AREA                               |               | 318 Sq. Ft.  | 30 m <sup>2</sup>     |
| F.S.I AREA                                 |               | 2868 Sq. Ft. | 267 m <sup>2</sup>    |
| CAR PARKING REQUIRED : 1/100m <sup>2</sup> |               | 199.82       | 100                   |
| REQUIRED CAR PARKING : 2                   |               |              |                       |
| NON FSI AREA PROVIDED : 24' x 13'3"        |               | 318 Sq. Ft.  | 30 m <sup>2</sup>     |

**OWNER:**  
 K. SELVAM, B.E., AMIE, C.Eng (I), A.I.v.  
 Consulting Civil Engineer/Chartered Engineer  
 Approved Valuer, Licensed Surveyor  
 Class-I, Reg No: 319/98-99  
 Corporation of Chennai & Ambattur Municipality  
 No. 1370, Madappair East,  
 CHENNAI-600 050.

LICENSED SURVEYOR