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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

DESIGN REPORT

PROPOSED CONSTRUCTION OF

"KAVERI APARTMENT"

APARTMENT HAVING STILT +5 FLOORS IN S.No.5/55,5/56,5/57,5/58,5/75,5/76,5/77,5/78,PLOT NO:60,61,62,63,80,81,82,83 AT KONDAPPANAICKENPATTY VILLAGE, SALEM TALUK, SALEM DISTRICT.

CLIENT:

VILVA HOMES (P) LTD.

DESIGN BASIS REPORT

TABLE OF CONTENTS

1.0 OBJECTIVE

2.0 DESIGN OF LOADS

- 2.1 Dead Loads
- 2.2 Imposed Loads
- 2.3 Earthquake Loads
- 2.4 Load Combinations

3.0 ANALYSIS METHOD

4.0 DESIGN ASSUMPTION

5.0 FOUNDATION DESIGN

6.0 MATERIALS

7.0 NOMINAL COVER TO REINFORCEMENT

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

1.0 OBJECTIVE

The Building is designed for stilt + 5 floors. The Structure is supported on column in turn Resting on column footing foundation. The structural System comprises columns, beams, slabs and wall structure.

3-D Analysis of all the building structures will be carried out using ETABS 20 Software packaged and analysis results shall be used for designing the various elements.

2.0 DESIGN LOADS

2.1 Dead Loads

The Dead loads that are envisaged to act permanently are considered as per **IS: 875 (Part-1)-1987-Dead Loads.** Indian Standard **"Code of Practice for Design Loads (Other than earthquakes) for Buildings and Structures".**

1. Slab is assumed to be 125mm thick -3.125 KN/m2
2. Floor finish – 1.5 KN/m2
3. AAC Block masonry walls 200mm & 100mm thick are proposed to be used (location of wall per Architectural drawings) Unit weight is taken as 6.5 KN/m3
4. Weathering course in Terrace finish-2 KN/m2

2.2 Imposed Loads

The imposed loads that are envisaged to get permanently are Considered as per **IS : 875 (Part – 2)-1987.** Indian Standard **"Code of practice for Design loads (Other than earthquake) for Buildings and Structures".**

1. Living = 2 KN/m2
2. Staircase = 3 KN/m2
3. Toilets = 2 KN/m2
4. Terrace floors = 1.5 KN/m2

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
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2.3 Earthquake Load

The loading due to earthquake is assessed based on the provisions of **IS : 1893-2016.** Structures with ductile detailing ic Considered as per **IS:13920-2016.**

Madurai falls under Seismic Zone III

Zone factor **= 0.16**

Response reduction factor **= 5**

Importance factor **= 1.2**

Structure With ductile detailing is Considered as per IS:13920-2016

2.4 Load Combinations

The Various loads shall be combined in accordance with the stipulations in IS:875(Part 5)-1987. Whichever Combinations Produced the most unfavorable effect in the building, foundation or structural member concerned shall be adopted. The various load Combinations Considered in the analysis are as follows:

1. 1(DL + LL)
2. 1(DL + 0.8LL + 0.8 SQX + 1
3. 1(DL + 0.8LL + 0.8 SQX – 1
4. 1(DL + 0.8LL + 0.8 SQZ + 1
5. 1(DL + 0.8LL + 0.8 SQZ – 1
6. 1.0(DL + SQX + 1)
7. 1.0(DL + SQX -)
8. 1.0(DL + SQZ + 1)
9. 1.0(DL + SQZ – 1)
10. 1.5(DL + LL)
11. 1.5(DL + SQX + 1)
12. 1.5(DL + SQX – 1)
13. 1.5(DL + SQZ + 1)
14. 1.5(DL + SQZ – 1)
15. 1.2(DL + LL + SQX + 1)
16. 1.2(DL + LL + SQX – 1)
17. 1.2(DL + LL +SQZ + 1)

S. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
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18. 1.2(DL + LL +SQZ – 1)
19. 0.9DL + 1.5SQX + 1
20. 0.9DL + 1.5SQX - 1
21. 0.9DL + 1.5SQZ + 1
22. 0.9DL + 1.5SQZ – 1

The above load combination will be considered and effect combinations will be taken for design of various building elements.

3.0 ANALYSIS METHODS

The analysis of the structures is carried out using the ETABS 20 .The entire super Structure is modeled using frame elements as appropriate. Beam and columns are modeled as frame elements. Appropriate loads and its combinations as per relevant IS code clauses, for most unfavorable effects are chose for design. Various load cases considered in the analysis are briefed above.

4.0 DESIGN ASSUMPTION

4.1.1 The Base of the Foundation is assumed to be FIXED.

4.1.2 All concrete elements shall be designed in accordance with IS 456:2000 Limit state design.

4.1.3 Appropriate loads and its combination as per relevant clauses, for the most unfavorable effects are chosen for design. (Refer Load Combination below).

5.0 FOUNDATION DESIGN

Type of foundation – Isolated Footing

Depth of foundation – 3m to 3.5m

6.0 MATERIALS

The self-weight of the various elements are computed based on the unit weight of materials as given below:

S.no	Materials	Unit Weight KN/ m3
1	Reinforced Cement Concrete	25
2	AAC Block / Brick WORK (For life well& parapet)	6.5 / 20
3	Steel	78.50

Structural concrete shall be of grade M25 for Columns and Footing and M20 for Beams and Slabs r.c.c work.

Steel reinforcement shall be of grade Fe 500 confirming to IS : 1786-2008.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
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7.0 NOMINAL COVER TO REINFORCEMENT

From Durability requirement, exposure condition is assumed as mild for Structural elements above ground level and moderate for Structural elements above ground level.

The clear cover to reinforcement to meet durability requirement shall be as follows:

Footing - 50mm

Column - 40mm

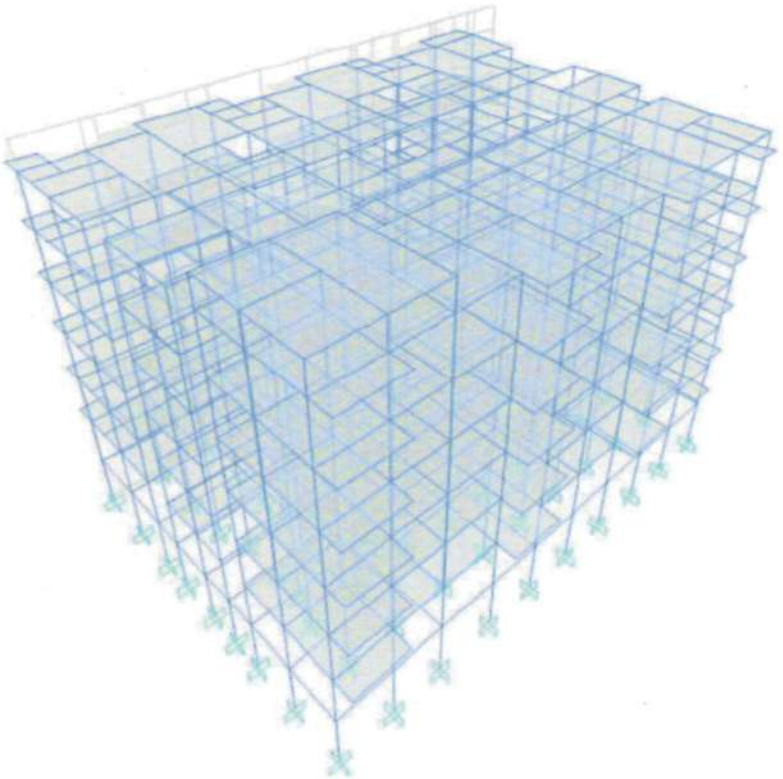
Beam - 25mm

Slab - 20mm

S.K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
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25/1, 1st FLOOR,
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SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

ETABS®



Project Report

Model: Kaveri Apartment
11.08.2025

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

1 Structure Data

This chapter provides model geometry information, including items such as story levels, point coordinates, and element connectivity.

1.1 Story Data

Table 1.1 - Story Definitions

Tower	Name	Height m	Master Story	Similar To	Splice Story	Color
T1	OHT	1.5	Yes	None	No	Green
T1	Terrace	3.05	No	Second Floor	No	Green
T1	Fifth Floor	3.05	No	Second Floor	No	Green
T1	Fourth Floor	3.05	No	Second Floor	No	Green
T1	Third Floor	3.05	No	Second Floor	No	Green
T1	Second Floor	3.05	Yes	None	No	Green
T1	FIRST FLOOR	3.05	Yes	None	No	Green
T1	STILT	3.05	Yes	None	No	Green

S. K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
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CHOLA BUILDERS
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2 Properties

This chapter provides property information for materials, frame sections, shell sections, and links.

2.1 Materials

Table 2.1 - Material Properties - General

Material	Type	SymType	Grade	Color	Notes
4000Psi	Concrete	Isotropic	f'c 4000 psi	Magenta	
A416Gr270	Tendon	Uniaxial	Grade 270	Gray8Dark	
A615Gr60	Rebar	Uniaxial	Grade 60	Yellow	
A992Fy50	Steel	Isotropic	Grade 50	Red	
HYSD500	Rebar	Uniaxial	HYSD Grade 500	Green	
M20	Concrete	Isotropic	M20	Blue	
M25	Concrete	Isotropic	M25	Green	

S.K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
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3 Loads

This chapter provides loading information as applied to the model.

3.1 Load Patterns

Table 3.1 - Load Pattern Definitions

Name	Is Auto Load	Type	Self Weight Multiplier	Auto Load
~ChineseX	Yes	Other	0	
~ChineseY	Yes	Other	0	
~LLRF	Yes	Other	0	
~StaticRSX	Yes	Other	0	
~StaticRSY	Yes	Other	0	
Dead	No	Dead	1	
EQX	No	Seismic	0	IS 1893:2016
EQX(1/3)	Yes	Seismic	0	IS 1893:2016
EQX(2/3)	Yes	Seismic	0	IS 1893:2016
EQX(3/3)	Yes	Seismic	0	IS 1893:2016
EQY	No	Seismic	0	IS 1893:2016
EQY(1/3)	Yes	Seismic	0	IS 1893:2016
EQY(2/3)	Yes	Seismic	0	IS 1893:2016
EQY(3/3)	Yes	Seismic	0	IS 1893:2016
Live	No	Live	0	
LL Terrace	No	Live	0	
SDL	No	Super Dead	0	

3.2 Auto Seismic Loading

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

IS 1893:2016 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern EQX according to IS 1893:2016, as calculated by ETABS.

Direction and Eccentricity

Direction = Multiple

Eccentricity Ratio = 5% for all diaphragms

Structural Period

Period Calculation Method = User Specified

User Period $T = 0.354\ sec$

Factors and Coefficients

Seismic Zone Factor, Z [IS Table 3] $Z = 0.16$

Response Reduction Factor, R [IS Table 9] $R = 5$

Importance Factor, I [IS Table 8] $I = 1.2$

Site Type [IS Table 1] = II

Seismic Response

Spectral Acceleration Coefficient, S_a/g [IS 6.4.2] $\frac{S_a}{g} = 2.5$ $\frac{S_a}{g} = 2.5$

Equivalent Lateral Forces

Seismic Coefficient, A_h [IS 6.4.2] $A_h = \frac{Z I \frac{S_a}{g}}{2 R}$

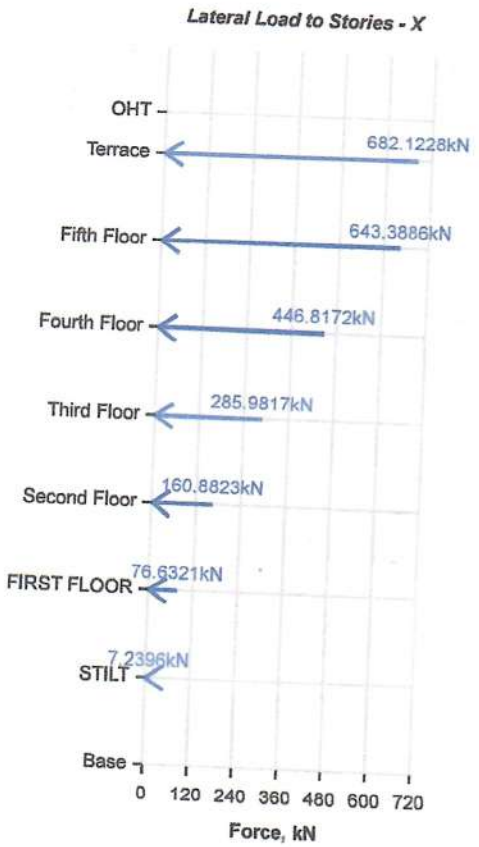
Calculated Base Shear

Direction	Period Used (sec)	W (kN)	V_b (kN)
X	0.354	47980.5041	2303.0642
X + Ecc. Y	0.354	47980.5041	2303.0642
X - Ecc. Y	0.354	47980.5041	2303.0642

Applied Story Forces

S. K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
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Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
OHT	22.84	0	0
Terrace	21.34	682.1228	0
Fifth Floor	18.29	643.3886	0
Fourth Floor	15.24	446.8172	0
Third Floor	12.19	285.9817	0
Second Floor	9.15	160.8823	0
FIRST FLOOR	6.1	76.6321	0
STILT	3.05	7.2396	0
Base	0	0	0

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

IS 1893:2016 Auto Seismic Load Calculation

This calculation presents the automatically generated lateral seismic loads for load pattern EQY according to IS 1893:2016, as calculated by ETABS.

Direction and Eccentricity

Direction = Multiple

Eccentricity Ratio = 5% for all diaphragms

Structural Period

Period Calculation Method = User Specified

User Period $T = 0.394$ sec

Factors and Coefficients

Seismic Zone Factor, Z [IS Table 3] $Z = 0.16$

Response Reduction Factor, R [IS Table 9] $R = 5$

Importance Factor, I [IS Table 8] $I = 1.2$

Site Type [IS Table 1] = II

Seismic Response

Spectral Acceleration Coefficient, S_a/g [IS 6.4.2] $\frac{S_a}{g} = 2.5$ $\frac{S_a}{g} = 2.5$

Equivalent Lateral Forces

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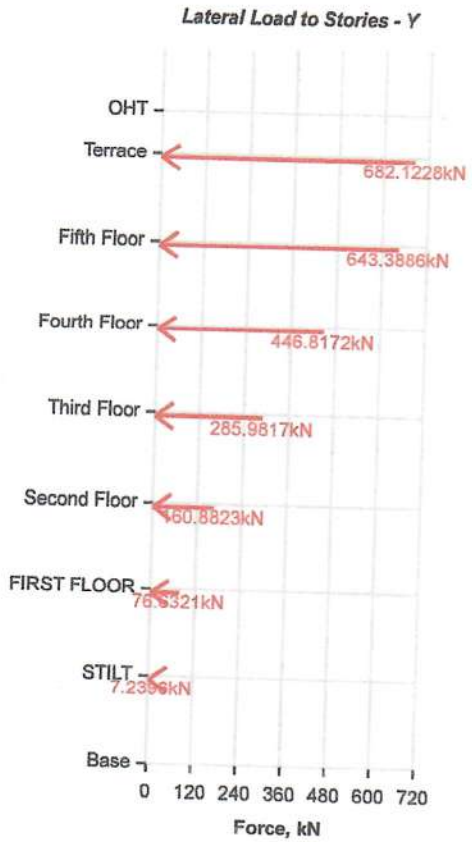
Calculated Base Shear

Direction	Period Used (sec)	W (kN)	V_b (kN)
Y	0.394	47980.5041	2303.0642
Y + Ecc. X	0.394	47980.5041	2303.0642
Y - Ecc. X	0.394	47980.5041	2303.0642

Applied Story Forces

S.K. Senthil Kumar.

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Story	Elevation	X-Dir	Y-Dir
	m	kN	kN
OHT	22.84	0	0
Terrace	21.34	0	682.1228
Fifth Floor	18.29	0	643.3886
Fourth Floor	15.24	0	446.8172
Third Floor	12.19	0	285.9817
Second Floor	9.15	0	160.8823
FIRST FLOOR	6.1	0	76.6321
STILT	3.05	0	7.2396
Base	0	0	0

S. Senthil Kumar.

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4 Analysis Results

This chapter provides analysis results.

4.1 Structure Results

Table 4.1 - Base Reactions (Part 1 of 2)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
Dead	LinStatic		-2.082E-06	0	37735.9978	121043.0069	-149892180	0.0007
Live Load	LinStatic		0	0	5680.4847	18313.2133	-22565500	0.0001
SDL	LinStatic		-6.022E-07	0	10251.523	32654.7705	-40722516	0.0002
EQX	LinStatic	Max	-2303.0643	8.079E-07	3.523E-05	0.0003	-38581.2765	10409.3944
EQX	LinStatic	Min	-2303.0643	0	2.918E-05	0.0002	-38581.3012	5122.8111
EQY	LinStatic	Max	2.339E-05	-2303.0642	0.0001	38581.1592	-0.1814	-9145348
EQY	LinStatic	Min	-2.234E-05	-2303.0642	4.568E-05	38581.1592	-0.2127	-9152039
LL Terrace	LinStatic		0	0	1072.5522	3809.167	-4260791	2.801E-05
RSX	LinRespSpec	Max	2277.2706	138.1877	3.077E-05	2125.7087	33188.4387	545277.6322
RSY	LinRespSpec	Max	114.6734	2302.4616	4.292E-05	33733.7262	1598.9117	9148281.2215
A.1.5DL	Combination		-4.022E-06	0	73590.1095	236260.4167	-292313231	0.0015
A.1.5DL+1.5LL	Combination		-4.603E-06	0	82110.8366	263730.2366	-326161482	0.0017
A.1.2DL+1.2LL+1.2EQX	Combination	Max	-2763.6771	1.278E-06	64401.6067	206413.1892	-255862533	12491.2745
A.1.2DL+1.2LL+1.2EQX	Combination	Min	-2763.6772	6.367E-07	64401.6067	206413.1891	-255862533	6147.3746
A.1.2DL+1.2LL-1.2EQX	Combination	Max	2763.6772	0	64401.6066	206413.1886	-255769938	-6147.372
A.1.2DL+1.2LL-1.2EQX	Combination	Min	2763.6771	-6.609E-07	64401.6066	206413.1886	-255769938	-12491.2719
A.1.2DL+1.2LL+1.2EQY	Combination	Max	2.438E-05	-2763.677	64401.6067	252710.58	-255816236	-10974418
A.1.2DL+1.2LL+1.2EQY	Combination	Min	-3.049E-05	-2763.677	64401.6067	252710.5799	-255816236	-10982446
A.1.2DL+1.2LL-1.2EQY	Combination	Max	2.312E-05	2763.677	64401.6066	160115.7979	-255816235	10982446
A.1.2DL+1.2LL-1.2EQY	Combination	Min	-3.175E-05	2763.677	64401.6066	160115.7978	-255816235	10974418
A.1.5DL+1.5EQX	Combination	Max	-3454.5964	1.548E-06	71981.2813	230546.6666	-285979916	15614.0929
A.1.5DL+1.5EQX	Combination	Min	-3454.5965	7.465E-07	71981.2813	230546.6665	-285979916	7684.2181
A.1.5DL+1.5EQY	Combination	Max	3.105E-05	-3454.5963	71981.2813	288418.4051	-285922044	-13718022
A.1.5DL+1.5EQY	Combination	Min	-3.753E-05	-3454.5963	71981.2813	288418.405	-285922044	-13728058
A.1.5DL-1.5EQY	Combination	Max	2.948E-05	3454.5963	71981.2812	172674.9274	-285922044	13728058
A.1.5DL-1.5EQY	Combination	Min	-3.911E-05	3454.5963	71981.2812	172674.9273	-285922044	13718022
A.1.5DL-1.5EQX	Combination	Max	3454.5964	0	71981.2812	230546.6659	-285864172	-7684.2152
A.1.5DL-1.5EQX	Combination	Min	3454.5964	-8.756E-07	71981.2812	230546.6658	-285864172	-15614.0901
A.0.9DL+1.5EQX	Combination	Max	-3454.5964	1.414E-06	43188.7688	138328.0001	-171611098	15614.0924
A.0.9DL+1.5EQX	Combination	Min	-3454.5965	6.119E-07	43188.7688	138328	-171611098	7684.2175
A.0.9DL-1.5EQX	Combination	Max	3454.5965	0	43188.7687	138327.9994	-171495354	-7684.2158
A.0.9DL-1.5EQX	Combination	Min	3454.5964	-1.01E-06	43188.7687	138327.9993	-171495354	-15614.0907
A.0.9DL+1.5EQY	Combination	Max	3.266E-05	-3454.5963	43188.7688	196199.7386	-171553227	-13718022
A.0.9DL+1.5EQY	Combination	Min	-3.592E-05	-3454.5963	43188.7688	196199.7385	-171553227	-13728058
A.0.9DL-1.5EQY	Combination	Max	3.109E-05	3454.5963	43188.7687	80456.2609	-171553226	13728058
A.0.9DL-1.5EQY	Combination	Min	-3.75E-05	3454.5963	43188.7687	80456.2608	-171553226	13718022
B.DL	Combination		-2.685E-06	0	47987.5208	153697.7775	-190614696	0.0009
B.DL+LL	Combination		-3.069E-06	0	54740.5577	175820.1577	-217440988	0.0011
B.DL+0.8LL+0.8EQX	Combination	Max	-1842.4514	8.969E-07	52531.9086	168348.3483	-208697961	8327.5165
B.DL+0.8LL+0.8EQX	Combination	Min	-1842.4514	0	52531.9086	168348.3482	-208697961	4098.2499
B.DL+0.8LL-0.8EQX	Combination	Max	1842.4514	0	52531.9086	168348.3479	-208636231	-4098.2478

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
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Table 4.1 - Base Reactions (Part 1 of 2, continued)

Output Case	Case Type	Step Type	FX kN	FY kN	FZ kN	MX kN-m	MY kN-m	MZ kN-m
B.DL+0.8LL-0.8EQX	Combination	Min	1842.4514	0	52531.9086	168348.3479	-208636231	-8327.5144
B.DL+0.8LL+0.8EQY	Combination	Max	1.571E-05	-1842.4514	52531.9086	199213.2755	-208667096	-7316278
B.DL+0.8LL+0.8EQY	Combination	Min	-2.087E-05	-1842.4514	52531.9086	199213.2754	-208667096	-7321631
B.DL+0.8LL-0.8EQY	Combination	Max	1.488E-05	1842.4514	52531.9086	137483.4207	-208667096	7321630.9693
B.DL+0.8LL-0.8EQY	Combination	Min	-2.17E-05	1842.4514	52531.9086	137483.4207	-208667096	7316278.4548
B.DL+EQX	Combination	Max	-2303.0643	1.032E-06	47987.5209	153697.7777	-190653277	10409.3953
B.DL+EQX	Combination	Min	-2303.0643	0	47987.5209	153697.7777	-190653277	5122.812
B.DL-EQX	Combination	Max	2303.0643	0	47987.5208	153697.7773	-190576115	-5122.8102
B.DL-EQX	Combination	Min	2303.0643	-5.837E-07	47987.5208	153697.7772	-190576115	-10409.3934
B.DL+EQY	Combination	Max	2.07E-05	-2303.0642	47987.5209	192278.9367	-190614696	-9145348
B.DL+EQY	Combination	Min	-2.502E-05	-2303.0642	47987.5209	192278.9366	-190614696	-9152039
B.DL-EQY	Combination	Max	1.965E-05	2303.0642	47987.5208	115116.6183	-190614696	9152038.7112
B.DL-EQY	Combination	Min	-2.607E-05	2303.0642	47987.5208	115116.6182	-190614696	9145348.0681
A.1.2DL+1.2LL+1.2RSX	Combination	Max	2732.7247	165.8252	64401.6067	208964.0393	-255776410	654333.16
A.1.2DL+1.2LL+1.2RSX	Combination	Min	-2732.7247	-165.8252	64401.6066	203862.3384	-255856062	-654333.1574
A.1.2DL+1.2LL+1.2RSY	Combination	Max	137.6081	2762.9539	64401.6067	246893.6603	-255814317	10977937
A.1.2DL+1.2LL+1.2RSY	Combination	Min	-137.6081	-2762.9539	64401.6066	165932.7174	-255818154	-10977937
A.0.9DL+1.5RSX	Combination	Max	3415.9058	207.2815	43188.7688	141516.5628	-171503444	817916.4492
A.0.9DL+1.5RSX	Combination	Min	-3415.9058	-207.2815	43188.7687	135139.4367	-171603009	-817916.4475
A.0.9DL+1.5RSY	Combination	Max	172.0101	3453.6924	43188.7688	188928.589	-171550828	13722422
A.0.9DL+1.5RSY	Combination	Min	-172.0101	-3453.6924	43188.7687	87727.4104	-171555625	-13722422
A.1.5DL+1.5RSX	Combination	Max	3415.9058	207.2815	71981.2813	233735.2292	-285872261	817916.4498
A.1.5DL+1.5RSX	Combination	Min	-3415.9058	-207.2815	71981.2812	227358.1031	-285971827	-817916.447
A.1.5DL+1.5RSY	Combination	Max	172.0101	3453.6924	71981.2813	281147.2555	-285919646	13722422
A.1.5DL+1.5RSY	Combination	Min	-172.0101	-3453.6924	71981.2812	179946.0769	-285924442	-13722422
STRENGTH	Combination	Max	3454.5965	3454.5963	82110.8366	288418.4051	-171495354	13728058
STRENGTH	Combination	Min	-3454.5965	-3454.5963	43188.7687	80456.2608	-326161482	-13728058
SERVICE	Combination	Max	2303.0643	2303.0642	54740.5577	199213.2755	-190576115	9152038.7112
SERVICE	Combination	Min	-2303.0643	-2303.0642	47987.5208	115116.6182	-217440988	-9152039
B.DL+0.8LL+0.8RSX	Combination	Max	1821.8164	110.5501	52531.9086	170048.915	-208640546	436222.1069
B.DL+0.8LL+0.8RSX	Combination	Min	-1821.8164	-110.5501	52531.9086	166647.7811	-208693647	-436222.1047
B.DL+0.8LL+0.8RSY	Combination	Max	91.7387	1841.9693	52531.9086	195335.329	-208665817	7318624.9782
B.DL+0.8LL+0.8RSY	Combination	Min	-91.7387	-1841.9693	52531.9086	141361.3671	-208668375	-7318625
B.DL+RSX	Combination	Max	2277.2706	138.1877	47987.5209	155823.4862	-190581507	545277.6332
B.DL+RSX	Combination	Min	-2277.2706	-138.1877	47987.5208	151572.0688	-190647884	-545277.6313
B.DL+RSY	Combination	Max	114.6734	2302.4616	47987.5209	187431.5037	-190613097	9148281.2224
B.DL+RSY	Combination	Min	-114.6734	-2302.4616	47987.5208	119964.0513	-190616295	-9148281

Table 4.1 - Base Reactions (Part 2 of 2)

X m	Y m	Z m
0	0	0
0	0	0
0	0	0
0	0	0

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.1 - Base Reactions (Part 2 of 2, continued)

X m	Y m	Z m
0	0	0
0	0	0
0	0	0

Table 4.1 - Base Reactions (Part 2 of 2, continued)

X m	Y m	Z m
0	0	0
0	0	0
0	0	0

Table 4.3 - Diaphragm Center Of Mass Displacements

Story	Diaphragm	Output Case	Case Type	Step Type	UX mm	UY mm	RZ rad
OHT	D1	EQX	LinStatic	Max	36.609	1.354	0.000325
OHT	D1	EQX	LinStatic	Min	33.02	-3.807	-0.000112
OHT	D1	EQY	LinStatic	Max	2.177	26.854	0.000266
OHT	D1	EQY	LinStatic	Min	-2.366	20.322	-0.000288
OHT	D1	RSX	LinRespSpec	Max	32.715	8.189	0.000626
OHT	D1	RSY	LinRespSpec	Max	2.462	19.911	0.000436
Terrace	D1	EQX	LinStatic	Max	33.83	-0.012	0.000318
Terrace	D1	EQX	LinStatic	Min	33.706	-0.013	-0.000113
Terrace	D1	EQY	LinStatic	Max	0.063	23.1	0.000268
Terrace	D1	EQY	LinStatic	Min	-0.093	23.098	-0.000278
Terrace	D1	RSX	LinRespSpec	Max	28.91	1.262	0.000613
Terrace	D1	RSY	LinRespSpec	Max	1.288	20.096	0.00043
Fifth Floor	D1	EQX	LinStatic	Max	31.597	0.012	0.000298
Fifth Floor	D1	EQX	LinStatic	Min	31.468	-0.016	-0.000104
Fifth Floor	D1	EQY	LinStatic	Max	0.072	21.436	0.000251
Fifth Floor	D1	EQY	LinStatic	Min	-0.091	21.401	-0.000258
Fifth Floor	D1	RSX	LinRespSpec	Max	27.28	1.143	0.000573
Fifth Floor	D1	RSY	LinRespSpec	Max	1.221	18.845	0.000405
Fourth Floor	D1	EQX	LinStatic	Max	27.823	0.018	0.000263
Fourth Floor	D1	EQX	LinStatic	Min	27.707	-0.01	-9E-05
Fourth Floor	D1	EQY	LinStatic	Max	0.071	18.845	0.000222
Fourth Floor	D1	EQY	LinStatic	Min	-0.076	18.81	-0.000225
Fourth Floor	D1	RSX	LinRespSpec	Max	24.528	1.011	0.000512
Fourth Floor	D1	RSY	LinRespSpec	Max	1.107	16.905	0.000365
Third Floor	D1	EQX	LinStatic	Max	22.874	0.023	0.000218
Third Floor	D1	EQX	LinStatic	Min	22.775	-0.002	-7.3E-05
Third Floor	D1	EQY	LinStatic	Max	0.068	15.541	0.000184
Third Floor	D1	EQY	LinStatic	Min	-0.058	15.509	-0.000184
Third Floor	D1	RSX	LinRespSpec	Max	20.759	0.847	0.000432
Third Floor	D1	RSY	LinRespSpec	Max	0.941	14.318	0.00031
Second Floor	D1	EQX	LinStatic	Max	17.191	0.027	0.000167
Second Floor	D1	EQX	LinStatic	Min	17.112	0.006	-5.3E-05
Second Floor	D1	EQY	LinStatic	Max	0.062	11.801	0.00014
Second Floor	D1	EQY	LinStatic	Min	-0.038	11.774	-0.000138
Second Floor	D1	RSX	LinRespSpec	Max	16.128	0.657	0.000336
Second Floor	D1	RSY	LinRespSpec	Max	0.73	11.195	0.000242
FIRST FLOOR	D1	EQX	LinStatic	Max	11.188	0.024	0.000111
FIRST FLOOR	D1	EQX	LinStatic	Min	11.126	0.007	-3.3E-05
FIRST FLOOR	D1	EQY	LinStatic	Max	0.049	7.891	9.3E-05
FIRST FLOOR	D1	EQY	LinStatic	Min	-0.03	7.869	-8.9E-05
FIRST FLOOR	D1	RSX	LinRespSpec	Max	10.824	0.447	0.000226
FIRST FLOOR	D1	RSY	LinRespSpec	Max	0.481	7.678	0.000163

S. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

4.2 Story Results

Table 4.4 - Story Max Over Avg Displacements

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	Dead	LinStatic		X	0.427	0.263	1.623
OHT	Dead	LinStatic		Y	0.268	0.101	2.642
Terrace	Dead	LinStatic		X	0.575	0.15	3.838
Terrace	Dead	LinStatic		Y	1.247	0.645	1.935
Fifth Floor	Dead	LinStatic		X	0.45	0.117	3.828
Fifth Floor	Dead	LinStatic		Y	0.981	0.51	1.924
Fourth Floor	Dead	LinStatic		X	0.329	0.086	3.838
Fourth Floor	Dead	LinStatic		Y	0.725	0.38	1.91
Third Floor	Dead	LinStatic		X	0.216	0.058	3.753
Third Floor	Dead	LinStatic		Y	0.481	0.256	1.878
Second Floor	Dead	LinStatic		X	0.114	0.034	3.379
Second Floor	Dead	LinStatic		Y	0.258	0.145	1.788
FIRST FLOOR	Dead	LinStatic		X	0.033	0.015	2.125
FIRST FLOOR	Dead	LinStatic		Y	0.079	0.054	1.454
OHT	Live Load	LinStatic		X	0.1	0.08	1.26
OHT	Live Load	LinStatic		Y	0.084	0.063	1.332
Terrace	Live Load	LinStatic		Y	0.221	0.134	1.651
Fifth Floor	Live Load	LinStatic		Y	0.184	0.11	1.665
Fourth Floor	Live Load	LinStatic		Y	0.139	0.083	1.673
Third Floor	Live Load	LinStatic		Y	0.094	0.056	1.677
Second Floor	Live Load	LinStatic		Y	0.053	0.032	1.67
FIRST FLOOR	Live Load	LinStatic		Y	0.019	0.012	1.587
OHT	SDL	LinStatic		X	0.201	0.157	1.28
OHT	SDL	LinStatic		Y	0.179	0.134	1.333
Terrace	SDL	LinStatic		Y	0.407	0.256	1.59
Fifth Floor	SDL	LinStatic		Y	0.316	0.199	1.589
Fourth Floor	SDL	LinStatic		Y	0.234	0.147	1.599
Third Floor	SDL	LinStatic		Y	0.157	0.098	1.607
Second Floor	SDL	LinStatic		Y	0.088	0.055	1.604
FIRST FLOOR	SDL	LinStatic		Y	0.033	0.021	1.54
OHT	EQX	LinStatic	Max	X	37.64	36.611	1.028
Terrace	EQX	LinStatic	Max	X	37.37	35.64	1.049
Fifth Floor	EQX	LinStatic	Max	X	34.904	33.281	1.049
Fourth Floor	EQX	LinStatic	Max	X	30.748	29.309	1.049
Third Floor	EQX	LinStatic	Max	X	25.298	24.103	1.05
Second Floor	EQX	LinStatic	Max	X	19.041	18.125	1.051
FIRST FLOOR	EQX	LinStatic	Max	X	12.416	11.801	1.052
OHT	EQX	LinStatic	Min	X	33.375	33.019	1.011
OHT	EQX	LinStatic	Min	Y	4.841	3.796	1.275
Terrace	EQX	LinStatic	Min	X	33.676	32.155	1.047
Fifth Floor	EQX	LinStatic	Min	X	31.443	30.021	1.047
Fourth Floor	EQX	LinStatic	Min	X	27.685	26.428	1.048
Third Floor	EQX	LinStatic	Min	X	22.757	21.717	1.048
Second Floor	EQX	LinStatic	Min	X	17.099	16.307	1.049

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
FIRST FLOOR	EQX	LinStatic	Min	X	11.119	10.593	1.05
OHT	EQY	LinStatic	Max	Y	27.771	26.845	1.034
Terrace	EQY	LinStatic	Max	Y	27.251	25.377	1.074
Fifth Floor	EQY	LinStatic	Max	Y	25.266	23.531	1.074
Fourth Floor	EQY	LinStatic	Max	Y	22.189	20.677	1.073
Third Floor	EQY	LinStatic	Max	Y	18.312	17.059	1.073
Second Floor	EQY	LinStatic	Max	Y	13.91	12.957	1.074
FIRST FLOOR	EQY	LinStatic	Max	Y	9.292	8.656	1.073
OHT	EQY	LinStatic	Min	X	3.279	2.368	1.385
OHT	EQY	LinStatic	Min	Y	21.185	20.331	1.042
Terrace	EQY	LinStatic	Min	Y	22.68	20.791	1.091
Fifth Floor	EQY	LinStatic	Min	Y	21.029	19.278	1.091
Fourth Floor	EQY	LinStatic	Min	Y	18.485	16.954	1.09
Third Floor	EQY	LinStatic	Min	Y	15.244	13.991	1.09
Second Floor	EQY	LinStatic	Min	Y	11.575	10.636	1.088
FIRST FLOOR	EQY	LinStatic	Min	Y	7.741	7.117	1.088
OHT	LL Terrace	LinStatic		X	0.034	0.026	1.313
OHT	LL Terrace	LinStatic		Y	0.048	0.04	1.204
Terrace	LL Terrace	LinStatic		Y	0.05	0.043	1.17
Fifth Floor	LL Terrace	LinStatic		Y	0.027	0.027	1.009
Fourth Floor	LL Terrace	LinStatic		Y	0.018	0.018	1.025
Third Floor	LL Terrace	LinStatic		Y	0.012	0.011	1.037
Second Floor	LL Terrace	LinStatic		Y	0.006	0.006	1.044
FIRST FLOOR	LL Terrace	LinStatic		Y	0.003	0.003	1.025
OHT	RSX	LinRespSpec	Max	X	34.165	32.746	1.043
OHT	RSX	LinRespSpec	Max	Y	10.168	8.173	1.244
Terrace	RSX	LinRespSpec	Max	X	33.603	29.559	1.137
Terrace	RSX	LinRespSpec	Max	Y	9.955	5.493	1.812
Fifth Floor	RSX	LinRespSpec	Max	X	31.634	27.875	1.135
Fifth Floor	RSX	LinRespSpec	Max	Y	9.276	5.122	1.811
Fourth Floor	RSX	LinRespSpec	Max	X	28.403	25.058	1.133
Fourth Floor	RSX	LinRespSpec	Max	Y	8.265	4.568	1.809
Third Floor	RSX	LinRespSpec	Max	X	24.027	21.206	1.133
Third Floor	RSX	LinRespSpec	Max	Y	6.959	3.851	1.807
Second Floor	RSX	LinRespSpec	Max	X	18.68	16.476	1.134
Second Floor	RSX	LinRespSpec	Max	Y	5.402	2.994	1.804
FIRST FLOOR	RSX	LinRespSpec	Max	X	12.55	11.051	1.136
FIRST FLOOR	RSX	LinRespSpec	Max	Y	3.63	2.017	1.8
OHT	RSY	LinRespSpec	Max	X	3.806	2.505	1.519
OHT	RSY	LinRespSpec	Max	Y	19.986	19.948	1.002
Terrace	RSY	LinRespSpec	Max	X	5.456	3.075	1.774
Terrace	RSY	LinRespSpec	Max	Y	22.591	21.032	1.074
Fifth Floor	RSY	LinRespSpec	Max	X	5.155	2.91	1.771
Fifth Floor	RSY	LinRespSpec	Max	Y	21.318	19.731	1.08
Fourth Floor	RSY	LinRespSpec	Max	X	4.647	2.629	1.768

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98437 44050

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Fourth Floor	RSY	LinRespSpec	Max	Y	19.232	17.708	1.086
Third Floor	RSY	LinRespSpec	Max	X	3.942	2.236	1.763
Third Floor	RSY	LinRespSpec	Max	Y	16.359	14.996	1.091
Second Floor	RSY	LinRespSpec	Max	X	3.068	1.745	1.758
Second Floor	RSY	LinRespSpec	Max	Y	12.826	11.719	1.094
FIRST FLOOR	RSY	LinRespSpec	Max	X	2.055	1.172	1.752
FIRST FLOOR	RSY	LinRespSpec	Max	Y	8.8	8.02	1.097
OHT	A.1.5DL	Combination		X	0.992	0.668	1.485
OHT	A.1.5DL	Combination		Y	0.742	0.413	1.796
Terrace	A.1.5DL	Combination		X	1.039	0.234	4.433
Terrace	A.1.5DL	Combination		Y	2.557	1.416	1.806
Fifth Floor	A.1.5DL	Combination		X	0.804	0.181	4.432
Fifth Floor	A.1.5DL	Combination		Y	1.987	1.104	1.8
Fourth Floor	A.1.5DL	Combination		X	0.589	0.132	4.478
Fourth Floor	A.1.5DL	Combination		Y	1.465	0.816	1.795
Third Floor	A.1.5DL	Combination		X	0.388	0.088	4.42
Third Floor	A.1.5DL	Combination		Y	0.973	0.548	1.778
Second Floor	A.1.5DL	Combination		X	0.206	0.051	4.028
Second Floor	A.1.5DL	Combination		Y	0.528	0.308	1.714
FIRST FLOOR	A.1.5DL	Combination		X	0.062	0.024	2.599
FIRST FLOOR	A.1.5DL	Combination		Y	0.171	0.117	1.462
OHT	A.1.5DL+1.5LL	Combination		X	1.142	0.787	1.451
OHT	A.1.5DL+1.5LL	Combination		Y	0.868	0.508	1.709
Terrace	A.1.5DL+1.5LL	Combination		X	1.128	0.231	4.887
Terrace	A.1.5DL+1.5LL	Combination		Y	2.888	1.616	1.787
Fifth Floor	A.1.5DL+1.5LL	Combination		X	0.879	0.178	4.928
Fifth Floor	A.1.5DL+1.5LL	Combination		Y	2.263	1.269	1.782
Fourth Floor	A.1.5DL+1.5LL	Combination		X	0.646	0.129	5.003
Fourth Floor	A.1.5DL+1.5LL	Combination		Y	1.673	0.941	1.779
Third Floor	A.1.5DL+1.5LL	Combination		X	0.426	0.086	4.962
Third Floor	A.1.5DL+1.5LL	Combination		Y	1.114	0.632	1.764
Second Floor	A.1.5DL+1.5LL	Combination		X	0.228	0.05	4.545
Second Floor	A.1.5DL+1.5LL	Combination		Y	0.607	0.355	1.708
FIRST FLOOR	A.1.5DL+1.5LL	Combination		X	0.069	0.024	2.936
FIRST FLOOR	A.1.5DL+1.5LL	Combination		Y	0.2	0.135	1.479
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	46.041	44.532	1.034
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	45.374	42.863	1.059
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	7.998	4.666	1.714
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	42.305	40.014	1.057
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	7.162	4.124	1.737
Fourth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	37.209	35.23	1.056
Third Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	30.562	28.962	1.055
Second Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	22.951	21.766	1.054
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	14.917	14.157	1.054
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	40.374	40.222	1.004

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040052

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Min	Y	5.73	4.197	1.365
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	40.211	38.04	1.057
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	37.576	35.597	1.056
Fourth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	33.109	31.4	1.054
Third Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	27.234	25.853	1.053
Second Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	20.476	19.456	1.052
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	13.323	12.674	1.051
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	39.724	39.024	1.018
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Max	Y	5.89	4.914	1.199
Terrace	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	40.611	39.132	1.038
Fifth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	37.887	36.454	1.039
Fourth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	33.335	32.028	1.041
Third Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	27.384	26.268	1.042
Second Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	20.563	19.681	1.045
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	13.362	12.749	1.048
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	44.294	43.334	1.022
Terrace	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	44.314	42.606	1.04
Fifth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	41.466	39.813	1.042
Fourth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	36.586	35.082	1.043
Third Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	30.153	28.87	1.044
Second Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	22.746	21.734	1.047
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	14.881	14.166	1.051
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	33.405	32.573	1.026
Terrace	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	34.825	32.109	1.085
Fifth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	32.02	29.561	1.083
Fourth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	27.939	25.818	1.082
Third Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	22.852	21.144	1.081
Second Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	17.171	15.918	1.079
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	11.308	10.516	1.075
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	26.059	24.755	1.053
Terrace	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	28.553	25.851	1.105
Fifth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	26.293	23.849	1.103
Fourth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	22.969	20.865	1.101
Third Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	18.821	17.13	1.099
Second Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	14.186	12.949	1.096
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	9.4	8.623	1.09
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	4.808	3.441	1.397
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	24.785	24.038	1.031
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	26.064	23.248	1.121
Fifth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	24.317	21.786	1.116
Fourth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	21.495	19.343	1.111
Third Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	17.824	16.116	1.106
Second Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	13.62	12.39	1.099
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	9.179	8.434	1.088
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	33.245	31.855	1.044

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	32.469	29.667	1.094
Fifth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	30.13	27.614	1.091
Fourth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	26.482	24.347	1.088
Third Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	21.823	20.132	1.084
Second Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	16.539	15.323	1.079
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	10.993	10.257	1.072
OHT	A.1.5DL+1.5EQX	Combination	Max	X	57.401	55.546	1.033
Terrace	A.1.5DL+1.5EQX	Combination	Max	X	56.622	53.54	1.058
Terrace	A.1.5DL+1.5EQX	Combination	Max	Y	9.665	5.574	1.734
Fifth Floor	A.1.5DL+1.5EQX	Combination	Max	X	52.8	49.985	1.056
Fourth Floor	A.1.5DL+1.5EQX	Combination	Max	X	46.45	44.012	1.055
Third Floor	A.1.5DL+1.5EQX	Combination	Max	X	38.161	36.185	1.055
Second Floor	A.1.5DL+1.5EQX	Combination	Max	X	28.666	27.197	1.054
FIRST FLOOR	A.1.5DL+1.5EQX	Combination	Max	X	18.639	17.693	1.053
OHT	A.1.5DL+1.5EQX	Combination	Min	X	50.38	50.158	1.004
OHT	A.1.5DL+1.5EQX	Combination	Min	Y	7.225	5.341	1.353
Terrace	A.1.5DL+1.5EQX	Combination	Min	X	50.262	47.593	1.056
Fifth Floor	A.1.5DL+1.5EQX	Combination	Min	X	46.969	44.533	1.055
Fourth Floor	A.1.5DL+1.5EQX	Combination	Min	X	41.385	39.278	1.054
Third Floor	A.1.5DL+1.5EQX	Combination	Min	X	34.041	32.334	1.053
Second Floor	A.1.5DL+1.5EQX	Combination	Min	X	25.594	24.33	1.052
FIRST FLOOR	A.1.5DL+1.5EQX	Combination	Min	X	16.653	15.846	1.051
OHT	A.1.5DL+1.5EQY	Combination	Max	Y	41.693	40.621	1.026
Terrace	A.1.5DL+1.5EQY	Combination	Max	Y	43.199	39.877	1.083
Fifth Floor	A.1.5DL+1.5EQY	Combination	Max	Y	39.749	36.736	1.082
Fourth Floor	A.1.5DL+1.5EQY	Combination	Max	Y	34.715	32.111	1.081
Third Floor	A.1.5DL+1.5EQY	Combination	Max	Y	28.424	26.321	1.08
Second Floor	A.1.5DL+1.5EQY	Combination	Max	Y	21.384	19.836	1.078
FIRST FLOOR	A.1.5DL+1.5EQY	Combination	Max	Y	14.105	13.121	1.075
OHT	A.1.5DL+1.5EQY	Combination	Min	Y	32.447	30.85	1.052
Terrace	A.1.5DL+1.5EQY	Combination	Min	Y	35.478	32.172	1.103
Fifth Floor	A.1.5DL+1.5EQY	Combination	Min	Y	32.691	29.695	1.101
Fourth Floor	A.1.5DL+1.5EQY	Combination	Min	Y	28.579	25.994	1.099
Third Floor	A.1.5DL+1.5EQY	Combination	Min	Y	23.437	21.354	1.098
Second Floor	A.1.5DL+1.5EQY	Combination	Min	Y	17.682	16.153	1.095
FIRST FLOOR	A.1.5DL+1.5EQY	Combination	Min	Y	11.73	10.765	1.09
OHT	A.1.5DL-1.5EQY	Combination	Max	X	5.86	4.181	1.401
OHT	A.1.5DL-1.5EQY	Combination	Max	Y	31.107	30.143	1.032
Terrace	A.1.5DL-1.5EQY	Combination	Max	Y	32.766	29.318	1.118
Fifth Floor	A.1.5DL-1.5EQY	Combination	Max	Y	30.55	27.447	1.113
Fourth Floor	A.1.5DL-1.5EQY	Combination	Max	Y	26.984	24.34	1.109
Third Floor	A.1.5DL-1.5EQY	Combination	Max	Y	22.358	20.254	1.104
Second Floor	A.1.5DL-1.5EQY	Combination	Max	Y	17.069	15.548	1.098
FIRST FLOOR	A.1.5DL-1.5EQY	Combination	Max	Y	11.494	10.567	1.088
OHT	A.1.5DL-1.5EQY	Combination	Min	Y	41.619	39.914	1.043

S. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Terrace	A.1.5DL-1.5EQY	Combination	Min	Y	40.656	37.226	1.092
Fifth Floor	A.1.5DL-1.5EQY	Combination	Min	Y	37.718	34.633	1.089
Fourth Floor	A.1.5DL-1.5EQY	Combination	Min	Y	33.144	30.52	1.086
Third Floor	A.1.5DL-1.5EQY	Combination	Min	Y	27.306	25.223	1.083
Second Floor	A.1.5DL-1.5EQY	Combination	Min	Y	20.689	19.187	1.078
FIRST FLOOR	A.1.5DL-1.5EQY	Combination	Min	Y	13.771	12.845	1.072
OHT	A.1.5DL-1.5EQX	Combination	Max	X	49.744	48.899	1.017
OHT	A.1.5DL-1.5EQX	Combination	Max	Y	7.299	6.048	1.207
Terrace	A.1.5DL-1.5EQX	Combination	Max	X	50.764	48.872	1.039
Fifth Floor	A.1.5DL-1.5EQX	Combination	Max	X	47.36	45.53	1.04
Fourth Floor	A.1.5DL-1.5EQX	Combination	Max	X	41.67	40.008	1.042
Third Floor	A.1.5DL-1.5EQX	Combination	Max	X	34.231	32.817	1.043
Second Floor	A.1.5DL-1.5EQX	Combination	Max	X	25.704	24.591	1.045
FIRST FLOOR	A.1.5DL-1.5EQX	Combination	Max	X	16.703	15.933	1.048
OHT	A.1.5DL-1.5EQX	Combination	Min	X	55.518	54.287	1.023
Terrace	A.1.5DL-1.5EQX	Combination	Min	X	55.489	53.306	1.041
Fifth Floor	A.1.5DL-1.5EQX	Combination	Min	X	51.913	49.807	1.042
Fourth Floor	A.1.5DL-1.5EQX	Combination	Min	X	45.794	43.884	1.044
Third Floor	A.1.5DL-1.5EQX	Combination	Min	X	37.733	36.109	1.045
Second Floor	A.1.5DL-1.5EQX	Combination	Min	X	28.456	27.178	1.047
FIRST FLOOR	A.1.5DL-1.5EQX	Combination	Min	X	18.609	17.71	1.051
OHT	A.0.9DL+1.5EQX	Combination	Max	X	57.024	55.294	1.031
Terrace	A.0.9DL+1.5EQX	Combination	Max	X	56.395	53.508	1.054
Fifth Floor	A.0.9DL+1.5EQX	Combination	Max	X	52.623	49.959	1.053
Fourth Floor	A.0.9DL+1.5EQX	Combination	Max	X	46.319	43.993	1.053
Third Floor	A.0.9DL+1.5EQX	Combination	Max	X	38.075	36.172	1.053
Second Floor	A.0.9DL+1.5EQX	Combination	Max	X	28.624	27.193	1.053
FIRST FLOOR	A.0.9DL+1.5EQX	Combination	Max	X	18.633	17.696	1.053
OHT	A.0.9DL+1.5EQX	Combination	Min	X	50.253	49.907	1.007
OHT	A.0.9DL+1.5EQX	Combination	Min	Y	7.24	5.482	1.321
Terrace	A.0.9DL+1.5EQX	Combination	Min	X	50.363	47.849	1.053
Fifth Floor	A.0.9DL+1.5EQX	Combination	Min	X	47.048	44.733	1.052
Fourth Floor	A.0.9DL+1.5EQX	Combination	Min	X	41.442	39.424	1.051
Third Floor	A.0.9DL+1.5EQX	Combination	Min	X	34.079	32.431	1.051
Second Floor	A.0.9DL+1.5EQX	Combination	Min	X	25.616	24.382	1.051
FIRST FLOOR	A.0.9DL+1.5EQX	Combination	Min	X	16.663	15.863	1.05
OHT	A.0.9DL-1.5EQX	Combination	Max	X	49.671	49.151	1.015
OHT	A.0.9DL-1.5EQX	Combination	Max	Y	7.284	5.907	1.233
Terrace	A.0.9DL-1.5EQX	Combination	Max	X	50.664	48.616	1.042
Fifth Floor	A.0.9DL-1.5EQX	Combination	Max	X	47.282	45.331	1.043
Fourth Floor	A.0.9DL-1.5EQX	Combination	Max	X	41.613	39.862	1.044
Third Floor	A.0.9DL-1.5EQX	Combination	Max	X	34.193	32.72	1.045
Second Floor	A.0.9DL-1.5EQX	Combination	Max	X	25.682	24.539	1.047
FIRST FLOOR	A.0.9DL-1.5EQX	Combination	Max	X	16.693	15.915	1.049
OHT	A.0.9DL-1.5EQX	Combination	Min	X	55.895	54.539	1.025

S/ Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Terrace	A.0.9DL-1.5EQX	Combination	Min	X	55.716	53.369	1.044
Fifth Floor	A.0.9DL-1.5EQX	Combination	Min	X	52.091	49.856	1.045
Fourth Floor	A.0.9DL-1.5EQX	Combination	Min	X	45.925	43.921	1.046
Third Floor	A.0.9DL-1.5EQX	Combination	Min	X	37.819	36.133	1.047
Second Floor	A.0.9DL-1.5EQX	Combination	Min	X	28.498	27.181	1.048
FIRST FLOOR	A.0.9DL-1.5EQX	Combination	Min	X	18.615	17.707	1.051
OHT	A.0.9DL+1.5EQY	Combination	Max	Y	41.678	40.48	1.03
Terrace	A.0.9DL+1.5EQY	Combination	Max	Y	42.207	39.137	1.078
Fifth Floor	A.0.9DL+1.5EQY	Combination	Max	Y	38.97	36.155	1.078
Fourth Floor	A.0.9DL+1.5EQY	Combination	Max	Y	34.14	31.681	1.078
Third Floor	A.0.9DL+1.5EQY	Combination	Max	Y	28.041	26.034	1.077
Second Floor	A.0.9DL+1.5EQY	Combination	Max	Y	21.177	19.678	1.076
FIRST FLOOR	A.0.9DL+1.5EQY	Combination	Max	Y	14.038	13.067	1.074
OHT	A.0.9DL+1.5EQY	Combination	Min	X	4.354	3.174	1.372
OHT	A.0.9DL+1.5EQY	Combination	Min	Y	32.179	30.708	1.048
Terrace	A.0.9DL+1.5EQY	Combination	Min	Y	34.895	31.836	1.096
Fifth Floor	A.0.9DL+1.5EQY	Combination	Min	Y	32.232	29.429	1.095
Fourth Floor	A.0.9DL+1.5EQY	Combination	Min	Y	28.239	25.796	1.095
Third Floor	A.0.9DL+1.5EQY	Combination	Min	Y	23.208	21.219	1.094
Second Floor	A.0.9DL+1.5EQY	Combination	Min	Y	17.554	16.074	1.092
FIRST FLOOR	A.0.9DL+1.5EQY	Combination	Min	Y	11.683	10.729	1.089
OHT	A.0.9DL-1.5EQY	Combination	Max	X	5.483	3.93	1.395
OHT	A.0.9DL-1.5EQY	Combination	Max	Y	31.375	30.284	1.036
Terrace	A.0.9DL-1.5EQY	Combination	Max	Y	33.254	30.059	1.106
Fifth Floor	A.0.9DL-1.5EQY	Combination	Max	Y	30.935	28.028	1.104
Fourth Floor	A.0.9DL-1.5EQY	Combination	Max	Y	27.269	24.771	1.101
Third Floor	A.0.9DL-1.5EQY	Combination	Max	Y	22.551	20.542	1.098
Second Floor	A.0.9DL-1.5EQY	Combination	Max	Y	17.178	15.707	1.094
FIRST FLOOR	A.0.9DL-1.5EQY	Combination	Max	Y	11.541	10.623	1.086
OHT	A.0.9DL-1.5EQY	Combination	Min	Y	41.634	40.056	1.039
Terrace	A.0.9DL-1.5EQY	Combination	Min	Y	40.745	37.562	1.085
Fifth Floor	A.0.9DL-1.5EQY	Combination	Min	Y	37.79	34.899	1.083
Fourth Floor	A.0.9DL-1.5EQY	Combination	Min	Y	33.2	30.718	1.081
Third Floor	A.0.9DL-1.5EQY	Combination	Min	Y	27.348	25.358	1.078
Second Floor	A.0.9DL-1.5EQY	Combination	Min	Y	20.72	19.267	1.075
FIRST FLOOR	A.0.9DL-1.5EQY	Combination	Min	Y	13.837	12.902	1.073
OHT	B.DL	Combination		X	0.628	0.42	1.495
OHT	B.DL	Combination		Y	0.447	0.236	1.896
Terrace	B.DL	Combination		X	0.685	0.154	4.459
Terrace	B.DL	Combination		Y	1.654	0.901	1.836
Fifth Floor	B.DL	Combination		X	0.534	0.119	4.475
Fifth Floor	B.DL	Combination		Y	1.297	0.709	1.83
Fourth Floor	B.DL	Combination		X	0.392	0.087	4.521
Fourth Floor	B.DL	Combination		Y	0.959	0.526	1.823
Third Floor	B.DL	Combination		X	0.258	0.058	4.46

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Third Floor	B.DL	Combination		Y	0.638	0.354	1.803
Second Floor	B.DL	Combination		X	0.137	0.034	4.061
Second Floor	B.DL	Combination		Y	0.346	0.199	1.737
FIRST FLOOR	B.DL	Combination		X	0.041	0.016	2.614
FIRST FLOOR	B.DL	Combination		Y	0.112	0.075	1.479
OHT	B.DL+LL	Combination		X	0.761	0.525	1.451
OHT	B.DL+LL	Combination		Y	0.579	0.339	1.709
Terrace	B.DL+LL	Combination		X	0.752	0.154	4.887
Terrace	B.DL+LL	Combination		Y	1.926	1.078	1.787
Fifth Floor	B.DL+LL	Combination		X	0.586	0.119	4.928
Fifth Floor	B.DL+LL	Combination		Y	1.508	0.846	1.782
Fourth Floor	B.DL+LL	Combination		X	0.431	0.086	5.003
Fourth Floor	B.DL+LL	Combination		Y	1.116	0.627	1.779
Third Floor	B.DL+LL	Combination		X	0.284	0.057	4.962
Third Floor	B.DL+LL	Combination		Y	0.743	0.421	1.764
Second Floor	B.DL+LL	Combination		X	0.152	0.033	4.545
Second Floor	B.DL+LL	Combination		Y	0.405	0.237	1.708
FIRST FLOOR	B.DL+LL	Combination		X	0.046	0.016	2.936
FIRST FLOOR	B.DL+LL	Combination		Y	0.134	0.09	1.479
OHT	B.DL+0.8LL+0.8EQX	Combination	Max	X	30.82	29.772	1.035
Terrace	B.DL+0.8LL+0.8EQX	Combination	Max	X	30.325	28.586	1.061
Terrace	B.DL+0.8LL+0.8EQX	Combination	Max	Y	5.662	3.358	1.687
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	28.262	26.685	1.059
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	5.034	2.943	1.711
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	24.85	23.493	1.058
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	4.251	2.452	1.734
Third Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	20.403	19.312	1.057
Second Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	15.315	14.512	1.055
FIRST FLOOR	B.DL+0.8LL+0.8EQX	Combination	Max	X	9.947	9.437	1.054
OHT	B.DL+0.8LL+0.8EQX	Combination	Min	X	26.959	26.899	1.002
OHT	B.DL+0.8LL+0.8EQX	Combination	Min	Y	3.815	2.751	1.387
Terrace	B.DL+0.8LL+0.8EQX	Combination	Min	X	26.774	25.275	1.059
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	25.025	23.665	1.057
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	22.054	20.885	1.056
Third Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	18.143	17.203	1.055
Second Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	13.643	12.953	1.053
FIRST FLOOR	B.DL+0.8LL+0.8EQX	Combination	Min	X	8.879	8.443	1.052
OHT	B.DL+0.8LL-0.8EQX	Combination	Max	X	26.441	25.932	1.02
OHT	B.DL+0.8LL-0.8EQX	Combination	Max	Y	3.931	3.323	1.183
Terrace	B.DL+0.8LL-0.8EQX	Combination	Max	X	27.107	26.173	1.036
Fifth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	25.284	24.369	1.038
Fourth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	22.242	21.401	1.039
Third Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	18.269	17.544	1.041
Second Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	13.716	13.138	1.044
FIRST FLOOR	B.DL+0.8LL-0.8EQX	Combination	Max	X	8.911	8.505	1.048

S. S. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	B.DL+0.8LL-0.8EQX	Combination	Min	X	29.404	28.805	1.021
Terrace	B.DL+0.8LL-0.8EQX	Combination	Min	X	29.467	28.383	1.038
Fifth Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	27.585	26.525	1.04
Fourth Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	24.347	23.375	1.042
Third Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	20.073	19.239	1.043
Second Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	15.15	14.486	1.046
FIRST FLOOR	B.DL+0.8LL-0.8EQX	Combination	Min	X	9.919	9.445	1.05
OHT	B.DL+0.8LL+0.8EQY	Combination	Max	X	3.123	2.226	1.403
OHT	B.DL+0.8LL+0.8EQY	Combination	Max	Y	22.275	21.762	1.024
Terrace	B.DL+0.8LL+0.8EQY	Combination	Max	Y	23.547	21.653	1.087
Fifth Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	21.606	19.901	1.086
Fourth Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	18.818	17.356	1.084
Third Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	15.362	14.192	1.082
Second Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	11.516	10.665	1.08
FIRST FLOOR	B.DL+0.8LL+0.8EQY	Combination	Max	Y	7.561	7.029	1.076
OHT	B.DL+0.8LL+0.8EQY	Combination	Min	Y	17.462	16.551	1.055
Terrace	B.DL+0.8LL+0.8EQY	Combination	Min	Y	19.23	17.346	1.109
Fifth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	17.682	15.988	1.106
Fourth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	15.426	13.976	1.104
Third Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	12.623	11.465	1.101
Second Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	9.5	8.659	1.097
FIRST FLOOR	B.DL+0.8LL+0.8EQY	Combination	Min	Y	6.282	5.76	1.091
OHT	B.DL+0.8LL-0.8EQY	Combination	Max	X	3.331	2.378	1.401
OHT	B.DL+0.8LL-0.8EQY	Combination	Max	Y	16.434	15.978	1.028
Terrace	B.DL+0.8LL-0.8EQY	Combination	Max	Y	17.213	15.252	1.129
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	16.083	14.33	1.122
Fourth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	14.235	12.752	1.116
Third Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	11.819	10.648	1.11
Second Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	9.044	8.207	1.102
FIRST FLOOR	B.DL+0.8LL-0.8EQY	Combination	Max	Y	6.105	5.604	1.089
OHT	B.DL+0.8LL-0.8EQY	Combination	Min	Y	22.158	21.19	1.046
Terrace	B.DL+0.8LL-0.8EQY	Combination	Min	Y	21.616	19.666	1.099
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	20.063	18.321	1.095
Fourth Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	17.636	16.165	1.091
Third Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	14.535	13.376	1.087
Second Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	11.015	10.189	1.081
FIRST FLOOR	B.DL+0.8LL-0.8EQY	Combination	Min	Y	7.314	6.822	1.072
OHT	B.DL+EQX	Combination	Max	X	38.267	37.031	1.033
Terrace	B.DL+EQX	Combination	Max	X	37.748	35.693	1.058
Terrace	B.DL+EQX	Combination	Max	Y	6.443	3.716	1.734
Fifth Floor	B.DL+EQX	Combination	Max	X	35.2	33.323	1.056
Fourth Floor	B.DL+EQX	Combination	Max	X	30.967	29.342	1.055
Third Floor	B.DL+EQX	Combination	Max	X	25.441	24.123	1.055
Second Floor	B.DL+EQX	Combination	Max	X	19.11	18.131	1.054
FIRST FLOOR	B.DL+EQX	Combination	Max	X	12.426	11.795	1.053

S. V. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	B.DL+EQX	Combination	Min	X	33.586	33.439	1.004
OHT	B.DL+EQX	Combination	Min	Y	4.817	3.561	1.353
Terrace	B.DL+EQX	Combination	Min	X	33.508	31.729	1.056
Fifth Floor	B.DL+EQX	Combination	Min	X	31.313	29.689	1.055
Fourth Floor	B.DL+EQX	Combination	Min	X	27.59	26.185	1.054
Third Floor	B.DL+EQX	Combination	Min	X	22.694	21.556	1.053
Second Floor	B.DL+EQX	Combination	Min	X	17.063	16.22	1.052
FIRST FLOOR	B.DL+EQX	Combination	Min	X	11.102	10.564	1.051
OHT	B.DL-EQX	Combination	Max	X	33.163	32.599	1.017
OHT	B.DL-EQX	Combination	Max	Y	4.866	4.032	1.207
Terrace	B.DL-EQX	Combination	Max	X	33.843	32.581	1.039
Fifth Floor	B.DL-EQX	Combination	Max	X	31.573	30.353	1.04
Fourth Floor	B.DL-EQX	Combination	Max	X	27.78	26.672	1.042
Third Floor	B.DL-EQX	Combination	Max	X	22.821	21.878	1.043
Second Floor	B.DL-EQX	Combination	Max	X	17.136	16.394	1.045
FIRST FLOOR	B.DL-EQX	Combination	Max	X	11.135	10.622	1.048
OHT	B.DL-EQX	Combination	Min	X	37.012	36.191	1.023
Terrace	B.DL-EQX	Combination	Min	X	36.993	35.537	1.041
Fifth Floor	B.DL-EQX	Combination	Min	X	34.609	33.204	1.042
Fourth Floor	B.DL-EQX	Combination	Min	X	30.529	29.256	1.044
Third Floor	B.DL-EQX	Combination	Min	X	25.155	24.073	1.045
Second Floor	B.DL-EQX	Combination	Min	X	18.971	18.118	1.047
FIRST FLOOR	B.DL-EQX	Combination	Min	X	12.406	11.807	1.051
OHT	B.DL+EQY	Combination	Max	Y	27.795	27.081	1.026
Terrace	B.DL+EQY	Combination	Max	Y	28.799	26.585	1.083
Fifth Floor	B.DL+EQY	Combination	Max	Y	26.499	24.491	1.082
Fourth Floor	B.DL+EQY	Combination	Max	Y	23.143	21.407	1.081
Third Floor	B.DL+EQY	Combination	Max	Y	18.95	17.547	1.08
Second Floor	B.DL+EQY	Combination	Max	Y	14.256	13.224	1.078
FIRST FLOOR	B.DL+EQY	Combination	Max	Y	9.404	8.748	1.075
OHT	B.DL+EQY	Combination	Min	Y	21.631	20.566	1.052
Terrace	B.DL+EQY	Combination	Min	Y	23.652	21.448	1.103
Fifth Floor	B.DL+EQY	Combination	Min	Y	21.794	19.797	1.101
Fourth Floor	B.DL+EQY	Combination	Min	Y	19.053	17.33	1.099
Third Floor	B.DL+EQY	Combination	Min	Y	15.624	14.236	1.098
Second Floor	B.DL+EQY	Combination	Min	Y	11.788	10.769	1.095
FIRST FLOOR	B.DL+EQY	Combination	Min	Y	7.82	7.176	1.09
OHT	B.DL-EQY	Combination	Max	X	3.907	2.788	1.401
OHT	B.DL-EQY	Combination	Max	Y	20.738	20.095	1.032
Terrace	B.DL-EQY	Combination	Max	Y	21.844	19.545	1.118
Fifth Floor	B.DL-EQY	Combination	Max	Y	20.367	18.298	1.113
Fourth Floor	B.DL-EQY	Combination	Max	Y	17.989	16.227	1.109
Third Floor	B.DL-EQY	Combination	Max	Y	14.905	13.503	1.104
Second Floor	B.DL-EQY	Combination	Max	Y	11.379	10.366	1.098
FIRST FLOOR	B.DL-EQY	Combination	Max	Y	7.662	7.045	1.088

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	B.DL-EQY	Combination	Min	Y	27.746	26.609	1.043
Terrace	B.DL-EQY	Combination	Min	Y	27.104	24.817	1.092
Fifth Floor	B.DL-EQY	Combination	Min	Y	25.145	23.089	1.089
Fourth Floor	B.DL-EQY	Combination	Min	Y	22.096	20.347	1.086
Third Floor	B.DL-EQY	Combination	Min	Y	18.204	16.815	1.083
Second Floor	B.DL-EQY	Combination	Min	Y	13.793	12.791	1.078
FIRST FLOOR	B.DL-EQY	Combination	Min	Y	9.18	8.563	1.072
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	41.871	39.895	1.05
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	12.282	10.167	1.208
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	40.853	35.29	1.158
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	12.531	7.552	1.659
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	38.38	33.31	1.152
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	11.412	6.816	1.674
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	34.395	29.968	1.148
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	10.062	5.947	1.692
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	29.037	25.379	1.144
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	8.455	4.938	1.712
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	22.518	19.731	1.141
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	6.557	3.778	1.736
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	15.078	13.243	1.139
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	4.409	2.502	1.762
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	40.124	38.697	1.037
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	12.122	9.45	1.283
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	39.793	35.653	1.116
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	11.714	5.806	2.017
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	37.541	33.591	1.118
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	10.942	5.522	1.981
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	33.772	30.172	1.119
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	9.774	5.017	1.948
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	28.628	25.515	1.122
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	8.245	4.304	1.916
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	22.313	19.811	1.126
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	6.407	3.407	1.881
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	15.042	13.281	1.133
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	4.303	2.339	1.84
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	5.441	3.606	1.509
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	24.557	24.31	1.01
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	5.654	3.233	1.749
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	29.36	26.512	1.107
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	5.485	3.135	1.75
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	27.359	24.673	1.109
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	5.061	2.893	1.75
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	24.396	21.98	1.11
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	4.39	2.509	1.75
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	20.509	18.486	1.109

S. S. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	3.499	1.999	1.75
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	15.87	14.339	1.107
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	2.41	1.374	1.754
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	10.717	9.73	1.101
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	3.694	2.407	1.535
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	23.903	23.593	1.013
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	7.439	4.146	1.794
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	24.859	23.785	1.045
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	6.887	3.85	1.789
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	23.804	22.565	1.055
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	6.093	3.417	1.783
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	21.761	20.446	1.064
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	5.071	2.856	1.775
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	18.752	17.471	1.073
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	3.863	2.189	1.765
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	14.912	13.778	1.082
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	2.521	1.44	1.751
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	10.402	9.519	1.093
OHT	A.0.9DL+1.5RSX	Combination	Max	X	51.812	49.498	1.047
OHT	A.0.9DL+1.5RSX	Combination	Max	Y	15.274	12.472	1.225
Terrace	A.0.9DL+1.5RSX	Combination	Max	X	50.744	44.201	1.148
Terrace	A.0.9DL+1.5RSX	Combination	Max	Y	15.066	8.743	1.723
Fifth Floor	A.0.9DL+1.5RSX	Combination	Max	X	47.716	41.706	1.144
Fifth Floor	A.0.9DL+1.5RSX	Combination	Max	Y	14.022	8.081	1.735
Fourth Floor	A.0.9DL+1.5RSX	Combination	Max	X	42.801	37.51	1.141
Fourth Floor	A.0.9DL+1.5RSX	Combination	Max	Y	12.481	7.15	1.746
Third Floor	A.0.9DL+1.5RSX	Combination	Max	X	36.168	31.756	1.139
Third Floor	A.0.9DL+1.5RSX	Combination	Max	Y	10.5	5.979	1.756
Second Floor	A.0.9DL+1.5RSX	Combination	Max	X	28.082	24.683	1.138
Second Floor	A.0.9DL+1.5RSX	Combination	Max	Y	8.15	4.61	1.768
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Max	X	18.834	16.563	1.137
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Max	Y	5.48	3.079	1.78
OHT	A.0.9DL+1.5RSX	Combination	Min	X	50.682	48.742	1.04
OHT	A.0.9DL+1.5RSX	Combination	Min	Y	15.23	12.048	1.264
Terrace	A.0.9DL+1.5RSX	Combination	Min	X	50.064	44.477	1.126
Terrace	A.0.9DL+1.5RSX	Combination	Min	Y	14.801	7.735	1.913
Fifth Floor	A.0.9DL+1.5RSX	Combination	Min	X	47.184	41.92	1.126
Fifth Floor	A.0.9DL+1.5RSX	Combination	Min	Y	13.805	7.284	1.895
Fourth Floor	A.0.9DL+1.5RSX	Combination	Min	X	42.408	37.666	1.126
Fourth Floor	A.0.9DL+1.5RSX	Combination	Min	Y	12.314	6.555	1.878
Third Floor	A.0.9DL+1.5RSX	Combination	Min	X	35.912	31.86	1.127
Third Floor	A.0.9DL+1.5RSX	Combination	Min	Y	10.375	5.573	1.862
Second Floor	A.0.9DL+1.5RSX	Combination	Min	X	27.957	24.744	1.13
Second Floor	A.0.9DL+1.5RSX	Combination	Min	Y	8.055	4.371	1.843
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Min	X	18.817	16.591	1.134

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Min	Y	5.409	2.972	1.82
OHT	A.0.9DL+1.5RSY	Combination	Max	X	6.274	4.136	1.517
OHT	A.0.9DL+1.5RSY	Combination	Max	Y	30.302	30.151	1.005
Terrace	A.0.9DL+1.5RSY	Combination	Max	X	7.567	4.288	1.764
Terrace	A.0.9DL+1.5RSY	Combination	Max	Y	35.376	32.399	1.092
Fifth Floor	A.0.9DL+1.5RSY	Combination	Max	X	7.251	4.113	1.763
Fifth Floor	A.0.9DL+1.5RSY	Combination	Max	Y	33.144	30.251	1.096
Fourth Floor	A.0.9DL+1.5RSY	Combination	Max	X	6.618	3.759	1.76
Fourth Floor	A.0.9DL+1.5RSY	Combination	Max	Y	29.711	27.035	1.099
Third Floor	A.0.9DL+1.5RSY	Combination	Max	X	5.68	3.231	1.758
Third Floor	A.0.9DL+1.5RSY	Combination	Max	Y	25.112	22.812	1.101
Second Floor	A.0.9DL+1.5RSY	Combination	Max	X	4.478	2.551	1.755
Second Floor	A.0.9DL+1.5RSY	Combination	Max	Y	19.55	17.757	1.101
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Max	X	3.045	1.736	1.754
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Max	Y	13.3	12.099	1.099
OHT	A.0.9DL+1.5RSY	Combination	Min	X	5.145	3.38	1.522
OHT	A.0.9DL+1.5RSY	Combination	Min	Y	29.957	29.727	1.008
Terrace	A.0.9DL+1.5RSY	Combination	Min	X	8.8	4.935	1.783
Terrace	A.0.9DL+1.5RSY	Combination	Min	Y	32.398	30.625	1.058
Fifth Floor	A.0.9DL+1.5RSY	Combination	Min	X	8.213	4.617	1.779
Fifth Floor	A.0.9DL+1.5RSY	Combination	Min	Y	30.809	28.894	1.066
Fourth Floor	A.0.9DL+1.5RSY	Combination	Min	X	7.324	4.128	1.774
Fourth Floor	A.0.9DL+1.5RSY	Combination	Min	Y	27.985	26.048	1.074
Third Floor	A.0.9DL+1.5RSY	Combination	Min	X	6.145	3.475	1.768
Third Floor	A.0.9DL+1.5RSY	Combination	Min	Y	23.964	22.161	1.081
Second Floor	A.0.9DL+1.5RSY	Combination	Min	X	4.725	2.684	1.76
Second Floor	A.0.9DL+1.5RSY	Combination	Min	Y	18.927	17.399	1.088
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Min	X	3.119	1.782	1.751
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Min	Y	13.099	11.963	1.095
OHT	A.1.5DL+1.5RSX	Combination	Max	X	52.188	49.749	1.049
OHT	A.1.5DL+1.5RSX	Combination	Max	Y	15.289	12.613	1.212
Terrace	A.1.5DL+1.5RSX	Combination	Max	X	50.971	44.109	1.156
Terrace	A.1.5DL+1.5RSX	Combination	Max	Y	15.332	9.168	1.672
Fifth Floor	A.1.5DL+1.5RSX	Combination	Max	X	47.894	41.634	1.15
Fifth Floor	A.1.5DL+1.5RSX	Combination	Max	Y	14.094	8.346	1.689
Fourth Floor	A.1.5DL+1.5RSX	Combination	Max	X	42.932	37.457	1.146
Fourth Floor	A.1.5DL+1.5RSX	Combination	Max	Y	12.537	7.348	1.706
Third Floor	A.1.5DL+1.5RSX	Combination	Max	X	36.254	31.721	1.143
Third Floor	A.1.5DL+1.5RSX	Combination	Max	Y	10.542	6.114	1.724
Second Floor	A.1.5DL+1.5RSX	Combination	Max	X	28.124	24.663	1.14
Second Floor	A.1.5DL+1.5RSX	Combination	Max	Y	8.181	4.69	1.744
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Max	X	18.84	16.553	1.138
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Max	Y	5.504	3.114	1.767
OHT	A.1.5DL+1.5RSX	Combination	Min	X	50.306	48.49	1.037
OHT	A.1.5DL+1.5RSX	Combination	Min	Y	15.215	11.907	1.278

S.K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Terrace	A.1.5DL+1.5RSX	Combination	Min	X	49.838	44.57	1.118
Terrace	A.1.5DL+1.5RSX	Combination	Min	Y	14.712	7.4	1.988
Fifth Floor	A.1.5DL+1.5RSX	Combination	Min	X	47.007	41.992	1.119
Fifth Floor	A.1.5DL+1.5RSX	Combination	Min	Y	13.733	7.019	1.957
Fourth Floor	A.1.5DL+1.5RSX	Combination	Min	X	42.276	37.718	1.121
Fourth Floor	A.1.5DL+1.5RSX	Combination	Min	Y	12.258	6.357	1.928
Third Floor	A.1.5DL+1.5RSX	Combination	Min	X	35.826	31.895	1.123
Third Floor	A.1.5DL+1.5RSX	Combination	Min	Y	10.334	5.438	1.9
Second Floor	A.1.5DL+1.5RSX	Combination	Min	X	27.915	24.764	1.127
Second Floor	A.1.5DL+1.5RSX	Combination	Min	Y	8.024	4.292	1.87
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Min	X	18.811	16.601	1.133
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Min	Y	5.386	2.937	1.834
OHT	A.1.5DL+1.5RSY	Combination	Max	X	6.651	4.388	1.516
OHT	A.1.5DL+1.5RSY	Combination	Max	Y	30.57	30.293	1.009
Terrace	A.1.5DL+1.5RSY	Combination	Max	X	7.156	4.073	1.757
Terrace	A.1.5DL+1.5RSY	Combination	Max	Y	36.368	32.939	1.104
Fifth Floor	A.1.5DL+1.5RSY	Combination	Max	X	6.931	3.945	1.757
Fifth Floor	A.1.5DL+1.5RSY	Combination	Max	Y	33.922	30.676	1.106
Fourth Floor	A.1.5DL+1.5RSY	Combination	Max	X	6.383	3.636	1.755
Fourth Floor	A.1.5DL+1.5RSY	Combination	Max	Y	30.287	27.351	1.107
Third Floor	A.1.5DL+1.5RSY	Combination	Max	X	5.525	3.15	1.754
Third Floor	A.1.5DL+1.5RSY	Combination	Max	Y	25.495	23.024	1.107
Second Floor	A.1.5DL+1.5RSY	Combination	Max	X	4.395	2.507	1.753
Second Floor	A.1.5DL+1.5RSY	Combination	Max	Y	19.758	17.877	1.105
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Max	X	3.02	1.72	1.756
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Max	Y	13.367	12.144	1.101
OHT	A.1.5DL+1.5RSY	Combination	Min	X	4.768	3.128	1.524
OHT	A.1.5DL+1.5RSY	Combination	Min	Y	29.942	29.586	1.012
Terrace	A.1.5DL+1.5RSY	Combination	Min	X	9.211	5.151	1.788
Terrace	A.1.5DL+1.5RSY	Combination	Min	Y	31.406	29.97	1.048
Fifth Floor	A.1.5DL+1.5RSY	Combination	Min	X	8.534	4.785	1.783
Fifth Floor	A.1.5DL+1.5RSY	Combination	Min	Y	30.031	28.396	1.058
Fourth Floor	A.1.5DL+1.5RSY	Combination	Min	X	7.559	4.251	1.778
Fourth Floor	A.1.5DL+1.5RSY	Combination	Min	Y	27.409	25.698	1.067
Third Floor	A.1.5DL+1.5RSY	Combination	Min	X	6.301	3.557	1.772
Third Floor	A.1.5DL+1.5RSY	Combination	Min	Y	23.581	21.93	1.075
Second Floor	A.1.5DL+1.5RSY	Combination	Min	X	4.807	2.729	1.762
Second Floor	A.1.5DL+1.5RSY	Combination	Min	Y	18.72	17.274	1.084
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Min	X	3.144	1.797	1.749
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Min	Y	13.032	11.917	1.094
OHT	STRENGTH	Combination	Max	X	57.401	55.546	1.033
OHT	STRENGTH	Combination	Max	Y	41.693	40.621	1.026
Terrace	STRENGTH	Combination	Max	X	56.622	53.621	1.056
Terrace	STRENGTH	Combination	Max	Y	43.199	39.877	1.083
Fifth Floor	STRENGTH	Combination	Max	X	52.8	50.048	1.055

S/ Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Fifth Floor	STRENGTH	Combination	Max	Y	39.749	36.736	1.082
Fourth Floor	STRENGTH	Combination	Max	X	46.45	44.059	1.054
Fourth Floor	STRENGTH	Combination	Max	Y	34.715	32.111	1.081
Third Floor	STRENGTH	Combination	Max	X	38.161	36.215	1.054
Third Floor	STRENGTH	Combination	Max	Y	28.424	26.321	1.08
Second Floor	STRENGTH	Combination	Max	X	28.666	27.214	1.053
Second Floor	STRENGTH	Combination	Max	Y	21.384	19.836	1.078
FIRST FLOOR	STRENGTH	Combination	Max	X	18.639	17.699	1.053
FIRST FLOOR	STRENGTH	Combination	Max	Y	14.105	13.121	1.075
OHT	STRENGTH	Combination	Min	X	55.895	54.539	1.025
OHT	STRENGTH	Combination	Min	Y	41.634	40.056	1.039
Terrace	STRENGTH	Combination	Min	X	55.716	53.419	1.043
Terrace	STRENGTH	Combination	Min	Y	40.745	37.562	1.085
Fifth Floor	STRENGTH	Combination	Min	X	52.091	49.895	1.044
Fifth Floor	STRENGTH	Combination	Min	Y	37.79	34.899	1.083
Fourth Floor	STRENGTH	Combination	Min	X	45.925	43.949	1.045
Fourth Floor	STRENGTH	Combination	Min	Y	33.2	30.718	1.081
Third Floor	STRENGTH	Combination	Min	X	37.819	36.152	1.046
Third Floor	STRENGTH	Combination	Min	Y	27.348	25.358	1.078
Second Floor	STRENGTH	Combination	Min	X	28.498	27.198	1.048
Second Floor	STRENGTH	Combination	Min	Y	20.72	19.267	1.075
FIRST FLOOR	STRENGTH	Combination	Min	X	18.615	17.713	1.051
FIRST FLOOR	STRENGTH	Combination	Min	Y	13.837	12.902	1.073
OHT	SERVICE	Combination	Max	X	38.267	37.031	1.033
OHT	SERVICE	Combination	Max	Y	27.795	27.081	1.026
Terrace	SERVICE	Combination	Max	X	37.748	35.693	1.058
Terrace	SERVICE	Combination	Max	Y	28.799	26.585	1.083
Fifth Floor	SERVICE	Combination	Max	X	35.2	33.323	1.056
Fifth Floor	SERVICE	Combination	Max	Y	26.499	24.491	1.082
Fourth Floor	SERVICE	Combination	Max	X	30.967	29.342	1.055
Fourth Floor	SERVICE	Combination	Max	Y	23.143	21.407	1.081
Third Floor	SERVICE	Combination	Max	X	25.441	24.123	1.055
Third Floor	SERVICE	Combination	Max	Y	18.95	17.547	1.08
Second Floor	SERVICE	Combination	Max	X	19.11	18.131	1.054
Second Floor	SERVICE	Combination	Max	Y	14.256	13.224	1.078
FIRST FLOOR	SERVICE	Combination	Max	X	12.56	11.862	1.059
FIRST FLOOR	SERVICE	Combination	Max	Y	9.404	8.748	1.075
OHT	SERVICE	Combination	Min	X	37.012	36.191	1.023
OHT	SERVICE	Combination	Min	Y	27.746	26.609	1.043
Terrace	SERVICE	Combination	Min	X	36.993	35.537	1.041
Terrace	SERVICE	Combination	Min	Y	27.104	24.817	1.092
Fifth Floor	SERVICE	Combination	Min	X	34.609	33.204	1.042
Fifth Floor	SERVICE	Combination	Min	Y	25.145	23.089	1.089
Fourth Floor	SERVICE	Combination	Min	X	30.529	29.256	1.044
Fourth Floor	SERVICE	Combination	Min	Y	22.096	20.347	1.086

S. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Third Floor	SERVICE	Combination	Min	X	25.155	24.073	1.045
Third Floor	SERVICE	Combination	Min	Y	18.204	16.815	1.083
Second Floor	SERVICE	Combination	Min	X	18.971	18.118	1.047
Second Floor	SERVICE	Combination	Min	Y	13.793	12.791	1.078
FIRST FLOOR	SERVICE	Combination	Min	X	12.541	11.874	1.056
FIRST FLOOR	SERVICE	Combination	Min	Y	9.18	8.563	1.072
OHT	B.DL+0.8LL+0.8RSX	Combination	Max	X	28.039	26.681	1.051
OHT	B.DL+0.8LL+0.8RSX	Combination	Max	Y	8.193	6.825	1.2
Terrace	B.DL+0.8LL+0.8RSX	Combination	Max	X	27.311	23.496	1.162
Terrace	B.DL+0.8LL+0.8RSX	Combination	Max	Y	8.685	5.297	1.639
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	25.646	22.183	1.156
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	7.867	4.75	1.656
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	22.974	19.961	1.151
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	6.826	4.081	1.673
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	19.386	16.908	1.147
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	5.651	3.337	1.693
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	15.026	13.147	1.143
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	4.382	2.545	1.722
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Max	X	10.054	8.825	1.139
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Max	Y	2.947	1.68	1.754
OHT	B.DL+0.8LL+0.8RSX	Combination	Min	X	26.624	25.714	1.035
OHT	B.DL+0.8LL+0.8RSX	Combination	Min	Y	8.076	6.253	1.292
Terrace	B.DL+0.8LL+0.8RSX	Combination	Min	X	26.453	23.799	1.112
Terrace	B.DL+0.8LL+0.8RSX	Combination	Min	Y	7.78	3.759	2.07
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	24.968	22.418	1.114
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	7.27	3.593	2.024
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	22.471	20.132	1.116
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	6.497	3.278	1.982
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	19.057	17.021	1.12
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	5.483	2.824	1.941
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	14.861	13.214	1.125
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	4.261	2.245	1.898
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Min	X	10.026	8.857	1.132
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Min	Y	2.86	1.547	1.849
OHT	B.DL+0.8LL+0.8RSY	Combination	Max	X	3.753	2.488	1.509
OHT	B.DL+0.8LL+0.8RSY	Combination	Max	Y	16.461	16.254	1.013
Terrace	B.DL+0.8LL+0.8RSY	Combination	Max	X	3.632	2.083	1.744
Terrace	B.DL+0.8LL+0.8RSY	Combination	Max	Y	19.904	17.855	1.115
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	3.55	2.034	1.745
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	18.499	16.591	1.115
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	3.296	1.888	1.746
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	16.456	14.759	1.115
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	2.875	1.646	1.747
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	13.8	12.395	1.113
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	2.305	1.318	1.749

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44357

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	10.649	9.599	1.109
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Max	X	1.598	0.911	1.755
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Max	Y	7.167	6.502	1.102
OHT	B.DL+0.8LL+0.8RSY	Combination	Min	Y	15.93	15.682	1.016
Terrace	B.DL+0.8LL+0.8RSY	Combination	Min	X	5.097	2.836	1.797
Terrace	B.DL+0.8LL+0.8RSY	Combination	Min	Y	16.242	15.626	1.039
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	4.698	2.623	1.791
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	15.61	14.87	1.05
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	4.14	2.319	1.785
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	14.315	13.507	1.06
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	3.432	1.931	1.777
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	12.374	11.569	1.07
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	2.603	1.474	1.766
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	9.872	9.143	1.08
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Min	X	1.689	0.965	1.75
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Min	Y	6.913	6.331	1.092
OHT	B.DL+RSX	Combination	Max	X	34.792	33.166	1.049
OHT	B.DL+RSX	Combination	Max	Y	10.193	8.409	1.212
Terrace	B.DL+RSX	Combination	Max	X	33.98	29.406	1.156
Terrace	B.DL+RSX	Combination	Max	Y	10.222	6.112	1.672
Fifth Floor	B.DL+RSX	Combination	Max	X	31.929	27.756	1.15
Fifth Floor	B.DL+RSX	Combination	Max	Y	9.396	5.564	1.689
Fourth Floor	B.DL+RSX	Combination	Max	X	28.622	24.972	1.146
Fourth Floor	B.DL+RSX	Combination	Max	Y	8.358	4.898	1.706
Third Floor	B.DL+RSX	Combination	Max	X	24.169	21.148	1.143
Third Floor	B.DL+RSX	Combination	Max	Y	7.028	4.076	1.724
Second Floor	B.DL+RSX	Combination	Max	X	18.749	16.442	1.14
Second Floor	B.DL+RSX	Combination	Max	Y	5.454	3.127	1.744
FIRST FLOOR	B.DL+RSX	Combination	Max	X	12.56	11.036	1.138
FIRST FLOOR	B.DL+RSX	Combination	Max	Y	3.669	2.076	1.767
OHT	B.DL+RSX	Combination	Min	X	33.537	32.327	1.037
OHT	B.DL+RSX	Combination	Min	Y	10.144	7.938	1.278
Terrace	B.DL+RSX	Combination	Min	X	33.225	29.713	1.118
Terrace	B.DL+RSX	Combination	Min	Y	9.808	4.933	1.988
Fifth Floor	B.DL+RSX	Combination	Min	X	31.338	27.995	1.119
Fifth Floor	B.DL+RSX	Combination	Min	Y	9.155	4.679	1.957
Fourth Floor	B.DL+RSX	Combination	Min	X	28.184	25.145	1.121
Fourth Floor	B.DL+RSX	Combination	Min	Y	8.172	4.238	1.928
Third Floor	B.DL+RSX	Combination	Min	X	23.884	21.263	1.123
Third Floor	B.DL+RSX	Combination	Min	Y	6.889	3.626	1.9
Second Floor	B.DL+RSX	Combination	Min	X	18.61	16.51	1.127
Second Floor	B.DL+RSX	Combination	Min	Y	5.349	2.861	1.87
FIRST FLOOR	B.DL+RSX	Combination	Min	X	12.541	11.067	1.133
FIRST FLOOR	B.DL+RSX	Combination	Min	Y	3.59	1.958	1.834
OHT	B.DL+RSY	Combination	Max	X	4.434	2.925	1.516

S. K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.4 - Story Max Over Avg Displacements (continued)

Story	Output Case	Case Type	Step Type	Direction	Maximum mm	Average mm	Ratio
OHT	B.DL+RSY	Combination	Max	Y	20.38	20.195	1.009
Terrace	B.DL+RSY	Combination	Max	X	4.771	2.715	1.757
Terrace	B.DL+RSY	Combination	Max	Y	24.245	21.959	1.104
Fifth Floor	B.DL+RSY	Combination	Max	X	4.621	2.63	1.757
Fifth Floor	B.DL+RSY	Combination	Max	Y	22.615	20.451	1.106
Fourth Floor	B.DL+RSY	Combination	Max	X	4.255	2.424	1.755
Fourth Floor	B.DL+RSY	Combination	Max	Y	20.191	18.234	1.107
Third Floor	B.DL+RSY	Combination	Max	X	3.684	2.1	1.754
Third Floor	B.DL+RSY	Combination	Max	Y	16.997	15.349	1.107
Second Floor	B.DL+RSY	Combination	Max	X	2.93	1.671	1.753
Second Floor	B.DL+RSY	Combination	Max	Y	13.172	11.918	1.105
FIRST FLOOR	B.DL+RSY	Combination	Max	X	2.013	1.147	1.756
FIRST FLOOR	B.DL+RSY	Combination	Max	Y	8.911	8.096	1.101
OHT	B.DL+RSY	Combination	Min	X	3.179	2.086	1.524
OHT	B.DL+RSY	Combination	Min	Y	19.961	19.724	1.012
Terrace	B.DL+RSY	Combination	Min	X	6.14	3.434	1.788
Terrace	B.DL+RSY	Combination	Min	Y	20.937	19.98	1.048
Fifth Floor	B.DL+RSY	Combination	Min	X	5.689	3.19	1.783
Fifth Floor	B.DL+RSY	Combination	Min	Y	20.02	18.931	1.058
Fourth Floor	B.DL+RSY	Combination	Min	X	5.04	2.834	1.778
Fourth Floor	B.DL+RSY	Combination	Min	Y	18.273	17.132	1.067
Third Floor	B.DL+RSY	Combination	Min	X	4.2	2.371	1.772
Third Floor	B.DL+RSY	Combination	Min	Y	15.721	14.62	1.075
Second Floor	B.DL+RSY	Combination	Min	X	3.205	1.819	1.762
Second Floor	B.DL+RSY	Combination	Min	Y	12.48	11.516	1.084
FIRST FLOOR	B.DL+RSY	Combination	Min	X	2.096	1.198	1.749
FIRST FLOOR	B.DL+RSY	Combination	Min	Y	8.688	7.945	1.094

Table 4.5 - Story Drifts

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
OHT	Dead	LinStatic		X	0.000101	14	3963.92	-7.5	22.84
OHT	Dead	LinStatic		Y	7.1E-05	6	3957.49	-7.5	22.84
OHT	Live Load	LinStatic		X	2.4E-05	14	3963.92	-7.5	22.84
OHT	SDL	LinStatic		X	6.6E-05	14	3963.92	-7.5	22.84
OHT	EQX	LinStatic	Max	X	0.00018	14	3963.92	-7.5	22.84
OHT	EQX	LinStatic	Max	Y	2.5E-05	14	3963.92	-7.5	22.84
OHT	EQX	LinStatic	Min	X	0.000147	14	3963.92	-7.5	22.84
OHT	EQX	LinStatic	Min	Y	5.3E-05	6	3957.49	-7.5	22.84
OHT	EQY	LinStatic	Max	Y	0.000346	6	3957.49	-7.5	22.84
OHT	EQY	LinStatic	Min	X	6E-05	14	3963.92	-7.5	22.84
OHT	EQY	LinStatic	Min	Y	0.000254	6	3957.49	-7.5	22.84
OHT	LL Terrace	LinStatic		X	2.1E-05	14	3963.92	-7.5	22.84
OHT	LL Terrace	LinStatic		Y	6E-06	14	3963.92	-7.5	22.84
OHT	RSX	LinRespSpec	Max	X	0.000447	14	3963.92	-7.5	22.84

S. S. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
OHT	RSX	LinRespSpec	Max	Y	0.000154	6	3957.49	-7.5	22.84
OHT	RSY	LinRespSpec	Max	X	6.2E-05	14	3963.92	-7.5	22.84
OHT	RSY	LinRespSpec	Max	Y	0.000327	6	3957.49	-7.5	22.84
OHT	A.1.5DL	Combination		X	0.000281	14	3963.92	-7.5	22.84
OHT	A.1.5DL	Combination		Y	0.000127	4	3957.49	-1.17	22.84
OHT	A.1.5DL+1.5LL	Combination		X	0.000317	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5LL	Combination		Y	0.000131	4	3957.49	-1.17	22.84
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.000444	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.000405	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQX	Combination	Min	Y	0.000165	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	5.2E-05	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Max	Y	3.8E-05	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	3.3E-05	12	3963.92	-1.17	22.84
OHT	A.1.2DL+1.2LL-1.2EQX	Combination	Min	Y	0.000126	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Max	X	0.000206	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.000346	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Min	X	0.000157	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.000274	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000301	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.000406	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Min	X	0.000252	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.000517	6	3957.49	-7.5	22.84
OHT	A.1.5DL+1.5EQX	Combination	Max	X	0.000519	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5EQX	Combination	Min	X	0.000471	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5EQX	Combination	Min	Y	0.000202	4	3957.49	-1.17	22.84
OHT	A.1.5DL+1.5EQY	Combination	Max	X	0.000222	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5EQY	Combination	Max	Y	0.000432	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5EQY	Combination	Min	X	0.00016	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5EQY	Combination	Min	Y	0.000342	14	3963.92	-7.5	22.84
OHT	A.1.5DL-1.5EQY	Combination	Max	X	0.00034	14	3963.92	-7.5	22.84
OHT	A.1.5DL-1.5EQY	Combination	Max	Y	0.000503	6	3957.49	-7.5	22.84
OHT	A.1.5DL-1.5EQY	Combination	Min	X	0.000278	14	3963.92	-7.5	22.84
OHT	A.1.5DL-1.5EQY	Combination	Min	Y	0.000642	6	3957.49	-7.5	22.84
OHT	A.1.5DL-1.5EQX	Combination	Max	X	6.2E-05	12	3963.92	-1.17	22.84
OHT	A.1.5DL-1.5EQX	Combination	Max	Y	4.3E-05	4	3957.49	-1.17	22.84
OHT	A.1.5DL-1.5EQX	Combination	Min	X	7.3E-05	12	3963.92	-1.17	22.84
OHT	A.1.5DL-1.5EQX	Combination	Min	Y	0.000153	4	3957.49	-1.17	22.84
OHT	A.0.9DL+1.5EQX	Combination	Max	X	0.000419	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5EQX	Combination	Min	X	0.000371	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5EQX	Combination	Min	Y	0.000153	6	3957.49	-7.5	22.84
OHT	A.0.9DL-1.5EQX	Combination	Max	X	0.000122	12	3963.92	-1.17	22.84
OHT	A.0.9DL-1.5EQX	Combination	Max	Y	2E-05	14	3963.92	-7.5	22.84
OHT	A.0.9DL-1.5EQX	Combination	Min	X	0.000134	12	3963.92	-1.17	22.84
OHT	A.0.9DL-1.5EQX	Combination	Min	Y	0.000104	6	3957.49	-7.5	22.84
OHT	A.0.9DL+1.5EQY	Combination	Max	X	0.000122	14	3963.92	-7.5	22.84

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
OHT	A.0.9DL+1.5EQY	Combination	Max	Y	0.000445	6	3957.49	-7.5	22.84
OHT	A.0.9DL+1.5EQY	Combination	Min	X	6.4E-05	12	3963.92	-1.17	22.84
OHT	A.0.9DL+1.5EQY	Combination	Min	Y	0.000352	14	3963.92	-7.5	22.84
OHT	A.0.9DL-1.5EQY	Combination	Max	X	0.00024	14	3963.92	-7.5	22.84
OHT	A.0.9DL-1.5EQY	Combination	Max	Y	0.000454	6	3957.49	-7.5	22.84
OHT	A.0.9DL-1.5EQY	Combination	Min	X	0.000178	14	3963.92	-7.5	22.84
OHT	A.0.9DL-1.5EQY	Combination	Min	Y	0.000593	6	3957.49	-7.5	22.84
OHT	B.DL	Combination		X	0.000167	14	3963.92	-7.5	22.84
OHT	B.DL	Combination		Y	8.2E-05	4	3957.49	-1.17	22.84
OHT	B.DL+LL	Combination		X	0.000211	14	3963.92	-7.5	22.84
OHT	B.DL+LL	Combination		Y	8.8E-05	6	3957.49	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.00033	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQX	Combination	Max	Y	6.8E-05	4	3957.49	-1.17	22.84
OHT	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.000304	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQX	Combination	Min	Y	0.000127	4	3957.49	-1.17	22.84
OHT	B.DL+0.8LL-0.8EQX	Combination	Max	X	6.8E-05	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQX	Combination	Max	Y	4.2E-05	4	3957.49	-1.17	22.84
OHT	B.DL+0.8LL-0.8EQX	Combination	Min	X	4.2E-05	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQX	Combination	Min	Y	0.0001	4	3957.49	-1.17	22.84
OHT	B.DL+0.8LL+0.8EQY	Combination	Max	X	0.000171	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.000228	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQY	Combination	Min	X	0.000138	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.00018	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.000234	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.000287	6	3957.49	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQY	Combination	Min	X	0.000201	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.000361	6	3957.49	-7.5	22.84
OHT	B.DL+EQX	Combination	Max	X	0.000346	14	3963.92	-7.5	22.84
OHT	B.DL+EQX	Combination	Min	X	0.000314	14	3963.92	-7.5	22.84
OHT	B.DL+EQX	Combination	Min	Y	0.000135	6	3957.49	-7.5	22.84
OHT	B.DL-EQX	Combination	Max	X	4.1E-05	12	3963.92	-1.17	22.84
OHT	B.DL-EQX	Combination	Max	Y	2.9E-05	4	3957.49	-1.17	22.84
OHT	B.DL-EQX	Combination	Min	X	4.9E-05	12	3963.92	-1.17	22.84
OHT	B.DL-EQX	Combination	Min	Y	0.000102	6	3957.49	-7.5	22.84
OHT	B.DL+EQY	Combination	Max	X	0.000148	14	3963.92	-7.5	22.84
OHT	B.DL+EQY	Combination	Max	Y	0.000288	14	3963.92	-7.5	22.84
OHT	B.DL+EQY	Combination	Min	X	0.000107	14	3963.92	-7.5	22.84
OHT	B.DL+EQY	Combination	Min	Y	0.000228	14	3963.92	-7.5	22.84
OHT	B.DL-EQY	Combination	Max	X	0.000227	14	3963.92	-7.5	22.84
OHT	B.DL-EQY	Combination	Max	Y	0.000336	6	3957.49	-7.5	22.84
OHT	B.DL-EQY	Combination	Min	X	0.000186	14	3963.92	-7.5	22.84
OHT	B.DL-EQY	Combination	Min	Y	0.000428	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.000765	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	9.4E-05	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.000326	12	3963.92	-1.17	22.84

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
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Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
OHT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.000287	6	3957.49	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000304	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.000338	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000154	14	3963.92	-7.5	22.84
OHT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.000495	6	3957.49	-7.5	22.84
OHT	A.0.9DL+1.5RSX	Combination	Max	X	0.00082	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5RSX	Combination	Max	Y	0.000158	6	3957.49	-7.5	22.84
OHT	A.0.9DL+1.5RSX	Combination	Min	X	0.00052	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5RSX	Combination	Min	Y	0.000305	6	3957.49	-7.5	22.84
OHT	A.0.9DL+1.5RSY	Combination	Max	X	0.000244	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5RSY	Combination	Max	Y	0.000431	14	3963.92	-7.5	22.84
OHT	A.0.9DL+1.5RSY	Combination	Min	Y	0.000565	6	3957.49	-7.5	22.84
OHT	A.1.5DL+1.5RSX	Combination	Max	X	0.00092	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5RSX	Combination	Max	Y	0.000117	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5RSX	Combination	Min	X	0.00044	12	3963.92	-1.17	22.84
OHT	A.1.5DL+1.5RSX	Combination	Min	Y	0.000354	6	3957.49	-7.5	22.84
OHT	A.1.5DL+1.5RSY	Combination	Max	X	0.000344	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5RSY	Combination	Max	Y	0.000422	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5RSY	Combination	Min	X	0.000156	14	3963.92	-7.5	22.84
OHT	A.1.5DL+1.5RSY	Combination	Min	Y	0.000614	4	3957.49	-1.17	22.84
OHT	STRENGTH	Combination	Max	X	0.000519	14	3963.92	-7.5	22.84
OHT	STRENGTH	Combination	Max	Y	0.000445	6	3957.49	-7.5	22.84
OHT	STRENGTH	Combination	Min	X	0.000134	12	3963.92	-1.17	22.84
OHT	STRENGTH	Combination	Min	Y	0.000642	6	3957.49	-7.5	22.84
OHT	SERVICE	Combination	Max	X	0.000613	14	3963.92	-7.5	22.84
OHT	SERVICE	Combination	Max	Y	0.000288	14	3963.92	-7.5	22.84
OHT	SERVICE	Combination	Min	X	0.000293	12	3963.92	-1.17	22.84
OHT	SERVICE	Combination	Min	Y	0.000428	6	3957.49	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.000543	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSX	Combination	Max	Y	6E-05	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.000197	12	3963.92	-1.17	22.84
OHT	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000208	6	3957.49	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000236	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.000222	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000136	14	3963.92	-7.5	22.84
OHT	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.000346	6	3957.49	-7.5	22.84
OHT	B.DL+RSX	Combination	Max	X	0.000613	14	3963.92	-7.5	22.84
OHT	B.DL+RSX	Combination	Max	Y	7.8E-05	14	3963.92	-7.5	22.84
OHT	B.DL+RSX	Combination	Min	X	0.000293	12	3963.92	-1.17	22.84
OHT	B.DL+RSX	Combination	Min	Y	0.000236	4	3957.49	-1.17	22.84
OHT	B.DL+RSY	Combination	Max	X	0.000229	14	3963.92	-7.5	22.84
OHT	B.DL+RSY	Combination	Max	Y	0.000281	14	3963.92	-7.5	22.84
OHT	B.DL+RSY	Combination	Min	X	0.000104	14	3963.92	-7.5	22.84
OHT	B.DL+RSY	Combination	Min	Y	0.000409	6	3957.49	-7.5	22.84
Terrace	Dead	LinStatic		X	4.5E-05	174	3987.52	15.01	21.34

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Terrace	Dead	LinStatic		Y	8.7E-05	174	3987.52	15.01	21.34
Terrace	Live Load	LinStatic		Y	1.2E-05	174	3987.52	15.01	21.34
Terrace	SDL	LinStatic		Y	3E-05	174	3987.52	15.01	21.34
Terrace	EQX	LinStatic	Max	X	0.000817	75	3957.49	-8.72	21.34
Terrace	EQX	LinStatic	Min	X	0.000732	69	3987.51	3.36	21.34
Terrace	EQY	LinStatic	Max	Y	0.000651	76	3957.49	0.7	21.34
Terrace	EQY	LinStatic	Min	Y	0.000542	63	3973.93	7.35	21.34
Terrace	LL Terrace	LinStatic		Y	8E-06	174	3987.52	15.01	21.34
Terrace	RSX	LinRespSpec	Max	X	0.000756	75	3957.49	-8.72	21.34
Terrace	RSX	LinRespSpec	Max	Y	0.000249	75	3957.49	-8.72	21.34
Terrace	RSY	LinRespSpec	Max	X	0.000127	174	3987.52	15.01	21.34
Terrace	RSY	LinRespSpec	Max	Y	0.000481	75	3957.49	-8.72	21.34
Terrace	A.1.5DL	Combination		X	8.5E-05	174	3987.52	15.01	21.34
Terrace	A.1.5DL	Combination		Y	0.000187	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5LL	Combination		X	9E-05	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5LL	Combination		Y	0.000205	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.001023	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	0.000274	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.000877	76	3957.49	0.7	21.34
Terrace	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.000896	77	3987.51	5.42	21.34
Terrace	A.1.2DL+1.2LL-1.2EQX	Combination	Max	Y	0.000213	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.000992	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.00092	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2EQY	Combination	Min	X	0.000149	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.000741	63	3973.93	7.35	21.34
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000144	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.000573	23	3970.78	-7.5	21.34
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Min	X	0.000157	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.000767	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5EQX	Combination	Max	X	0.001273	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5EQX	Combination	Max	Y	0.000324	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5EQX	Combination	Min	X	0.001094	76	3957.49	0.7	21.34
Terrace	A.1.5DL+1.5EQY	Combination	Max	Y	0.001132	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5EQY	Combination	Min	X	0.000181	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5EQY	Combination	Min	Y	0.000915	63	3973.93	7.35	21.34
Terrace	A.1.5DL-1.5EQY	Combination	Max	X	0.000175	75	3957.49	-8.72	21.34
Terrace	A.1.5DL-1.5EQY	Combination	Max	Y	0.000727	23	3970.78	-7.5	21.34
Terrace	A.1.5DL-1.5EQY	Combination	Min	X	0.000191	174	3987.52	15.01	21.34
Terrace	A.1.5DL-1.5EQY	Combination	Min	Y	0.000964	75	3957.49	-8.72	21.34
Terrace	A.1.5DL-1.5EQX	Combination	Max	X	0.001119	77	3987.51	5.42	21.34
Terrace	A.1.5DL-1.5EQX	Combination	Max	Y	0.000248	174	3987.52	15.01	21.34
Terrace	A.1.5DL-1.5EQX	Combination	Min	X	0.001235	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5EQX	Combination	Max	X	0.001254	75	3957.49	-8.72	21.34
Terrace	A.0.9DL+1.5EQX	Combination	Max	Y	0.000254	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5EQX	Combination	Min	X	0.001092	76	3957.49	0.7	21.34

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Terrace	A.0.9DL-1.5EQX	Combination	Max	X	0.00111	69	3987.51	3.36	21.34
Terrace	A.0.9DL-1.5EQX	Combination	Max	Y	0.000178	174	3987.52	15.01	21.34
Terrace	A.0.9DL-1.5EQX	Combination	Min	X	0.001202	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5EQY	Combination	Max	Y	0.001062	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5EQY	Combination	Min	X	0.000148	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5EQY	Combination	Min	Y	0.000874	63	3973.93	7.35	21.34
Terrace	A.0.9DL-1.5EQY	Combination	Max	X	0.000156	75	3957.49	-8.72	21.34
Terrace	A.0.9DL-1.5EQY	Combination	Max	Y	0.000761	23	3970.78	-7.5	21.34
Terrace	A.0.9DL-1.5EQY	Combination	Min	Y	0.000969	75	3957.49	-8.72	21.34
Terrace	B.DL	Combination		X	5.4E-05	174	3987.52	15.01	21.34
Terrace	B.DL	Combination		Y	0.000117	174	3987.52	15.01	21.34
Terrace	B.DL+LL	Combination		X	6E-05	174	3987.52	15.01	21.34
Terrace	B.DL+LL	Combination		Y	0.000137	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.000688	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL+0.8EQX	Combination	Max	Y	0.000206	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.00059	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.000602	77	3987.51	5.42	21.34
Terrace	B.DL+0.8LL-0.8EQX	Combination	Max	Y	0.000165	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.000672	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.000637	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8EQY	Combination	Min	X	0.00011	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.000508	63	3973.93	7.35	21.34
Terrace	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.000102	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.000371	23	3970.78	-7.5	21.34
Terrace	B.DL+0.8LL-0.8EQY	Combination	Min	X	0.000116	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.00051	75	3957.49	-8.72	21.34
Terrace	B.DL+EQX	Combination	Max	X	0.000848	75	3957.49	-8.72	21.34
Terrace	B.DL+EQX	Combination	Max	Y	0.000216	174	3987.52	15.01	21.34
Terrace	B.DL+EQX	Combination	Min	X	0.000729	76	3957.49	0.7	21.34
Terrace	B.DL-EQX	Combination	Max	X	0.000746	77	3987.51	5.42	21.34
Terrace	B.DL-EQX	Combination	Max	Y	0.000165	174	3987.52	15.01	21.34
Terrace	B.DL-EQX	Combination	Min	X	0.000823	174	3987.52	15.01	21.34
Terrace	B.DL+EQY	Combination	Max	Y	0.000755	174	3987.52	15.01	21.34
Terrace	B.DL+EQY	Combination	Min	X	0.00012	174	3987.52	15.01	21.34
Terrace	B.DL+EQY	Combination	Min	Y	0.00061	63	3973.93	7.35	21.34
Terrace	B.DL-EQY	Combination	Max	X	0.000117	75	3957.49	-8.72	21.34
Terrace	B.DL-EQY	Combination	Max	Y	0.000485	23	3970.78	-7.5	21.34
Terrace	B.DL-EQY	Combination	Min	X	0.000127	174	3987.52	15.01	21.34
Terrace	B.DL-EQY	Combination	Min	Y	0.000643	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.000949	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000396	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.000865	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.000284	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000164	75	3957.49	-8.72	21.34
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.000696	174	3987.52	15.01	21.34

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000222	174	3987.52	15.01	21.34
Terrace	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.000563	100	3957.49	15.01	21.34
Terrace	A.0.9DL+1.5RSX	Combination	Max	X	0.001161	75	3957.49	-8.72	21.34
Terrace	A.0.9DL+1.5RSX	Combination	Max	Y	0.000406	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5RSX	Combination	Min	X	0.001105	75	3957.49	-8.72	21.34
Terrace	A.0.9DL+1.5RSX	Combination	Min	Y	0.000365	75	3957.49	-8.72	21.34
Terrace	A.0.9DL+1.5RSY	Combination	Max	X	0.000181	75	3957.49	-8.72	21.34
Terrace	A.0.9DL+1.5RSY	Combination	Max	Y	0.000781	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5RSY	Combination	Min	X	0.000239	174	3987.52	15.01	21.34
Terrace	A.0.9DL+1.5RSY	Combination	Min	Y	0.000714	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5RSX	Combination	Max	X	0.00118	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5RSX	Combination	Max	Y	0.000476	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5RSX	Combination	Min	X	0.001086	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5RSX	Combination	Min	Y	0.00036	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5RSY	Combination	Max	X	0.000199	75	3957.49	-8.72	21.34
Terrace	A.1.5DL+1.5RSY	Combination	Max	Y	0.000852	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5RSY	Combination	Min	X	0.000272	174	3987.52	15.01	21.34
Terrace	A.1.5DL+1.5RSY	Combination	Min	Y	0.000709	75	3957.49	-8.72	21.34
Terrace	STRENGTH	Combination	Max	X	0.001273	75	3957.49	-8.72	21.34
Terrace	STRENGTH	Combination	Max	Y	0.001132	174	3987.52	15.01	21.34
Terrace	STRENGTH	Combination	Min	X	0.001235	174	3987.52	15.01	21.34
Terrace	STRENGTH	Combination	Min	Y	0.000969	75	3957.49	-8.72	21.34
Terrace	SERVICE	Combination	Max	X	0.000848	75	3957.49	-8.72	21.34
Terrace	SERVICE	Combination	Max	Y	0.000755	174	3987.52	15.01	21.34
Terrace	SERVICE	Combination	Min	X	0.000823	174	3987.52	15.01	21.34
Terrace	SERVICE	Combination	Min	Y	0.000643	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.000639	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000287	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.00057	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000188	100	3957.49	15.01	21.34
Terrace	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000116	75	3957.49	-8.72	21.34
Terrace	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.000487	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000159	174	3987.52	15.01	21.34
Terrace	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.000374	75	3957.49	-8.72	21.34
Terrace	B.DL+RSX	Combination	Max	X	0.000787	75	3957.49	-8.72	21.34
Terrace	B.DL+RSX	Combination	Max	Y	0.000317	174	3987.52	15.01	21.34
Terrace	B.DL+RSX	Combination	Min	X	0.000724	75	3957.49	-8.72	21.34
Terrace	B.DL+RSX	Combination	Min	Y	0.00024	75	3957.49	-8.72	21.34
Terrace	B.DL+RSY	Combination	Max	X	0.000133	75	3957.49	-8.72	21.34
Terrace	B.DL+RSY	Combination	Max	Y	0.000568	174	3987.52	15.01	21.34
Terrace	B.DL+RSY	Combination	Min	X	0.000181	174	3987.52	15.01	21.34
Terrace	B.DL+RSY	Combination	Min	Y	0.000473	100	3957.49	15.01	21.34
Fifth Floor	Dead	LinStatic		X	4.3E-05	174	3987.52	15.01	18.29
Fifth Floor	Dead	LinStatic		Y	8.4E-05	77	3987.51	5.42	18.29
Fifth Floor	Live Load	LinStatic		Y	1.5E-05	77	3987.51	5.42	18.29

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
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CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004,
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fifth Floor	SDL	LinStatic		Y	2.7E-05	77	3987.51	5.42	18.29
Fifth Floor	EQX	LinStatic	Max	X	0.001377	75	3957.49	-8.72	18.29
Fifth Floor	EQX	LinStatic	Min	X	0.001233	69	3987.51	3.36	18.29
Fifth Floor	EQY	LinStatic	Max	Y	0.00101	76	3957.49	0.7	18.29
Fifth Floor	EQY	LinStatic	Min	Y	0.000835	63	3973.93	7.35	18.29
Fifth Floor	LL Terrace	LinStatic		Y	3E-06	77	3987.51	5.42	18.29
Fifth Floor	RSX	LinRespSpec	Max	X	0.001204	75	3957.49	-8.72	18.29
Fifth Floor	RSX	LinRespSpec	Max	Y	0.000362	100	3957.49	15.01	18.29
Fifth Floor	RSY	LinRespSpec	Max	X	0.000204	174	3987.52	15.01	18.29
Fifth Floor	RSY	LinRespSpec	Max	Y	0.000732	77	3987.51	5.42	18.29
Fifth Floor	A.1.5DL	Combination		X	7.7E-05	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL	Combination		Y	0.000171	77	3987.51	5.42	18.29
Fifth Floor	A.1.5DL+1.5LL	Combination		X	8.4E-05	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL+1.5LL	Combination		Y	0.000193	77	3987.51	5.42	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.001694	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	0.000352	174	3987.52	15.01	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.001466	69	3987.51	3.36	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.001494	69	3987.51	3.36	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	Y	0.000234	77	3987.51	5.42	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.001612	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.001339	77	3987.51	5.42	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	X	0.000194	174	3987.52	15.01	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.001091	63	3973.93	7.35	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000204	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.000926	28	3970.78	13.67	18.29
Fifth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	X	0.000206	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL+1.5EQX	Combination	Min	Y	0.001197	76	3957.49	0.7	18.29
Fifth Floor	A.1.5DL+1.5EQX	Combination	Max	X	0.00211	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL+1.5EQX	Combination	Max	Y	0.000418	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL+1.5EQY	Combination	Min	X	0.001832	69	3987.51	3.36	18.29
Fifth Floor	A.1.5DL+1.5EQY	Combination	Max	Y	0.001652	77	3987.51	5.42	18.29
Fifth Floor	A.1.5DL+1.5EQY	Combination	Min	X	0.000236	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL-1.5EQY	Combination	Min	Y	0.001349	63	3973.93	7.35	18.29
Fifth Floor	A.1.5DL-1.5EQY	Combination	Max	X	0.000248	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL-1.5EQY	Combination	Max	Y	0.00117	28	3970.78	13.67	18.29
Fifth Floor	A.1.5DL-1.5EQY	Combination	Min	X	0.000251	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL-1.5EQY	Combination	Min	Y	0.001501	76	3957.49	0.7	18.29
Fifth Floor	A.1.5DL-1.5EQX	Combination	Max	X	0.001867	69	3987.51	3.36	18.29
Fifth Floor	A.1.5DL-1.5EQX	Combination	Max	Y	0.000271	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL-1.5EQX	Combination	Min	X	0.002022	75	3957.49	-8.72	18.29
Fifth Floor	A.0.9DL+1.5EQX	Combination	Max	X	0.002093	75	3957.49	-8.72	18.29
Fifth Floor	A.0.9DL+1.5EQX	Combination	Max	Y	0.000352	174	3987.52	15.01	18.29
Fifth Floor	A.0.9DL+1.5EQX	Combination	Min	X	0.001839	69	3987.51	3.36	18.29
Fifth Floor	A.0.9DL-1.5EQX	Combination	Max	X	0.00186	69	3987.51	3.36	18.29
Fifth Floor	A.0.9DL-1.5EQX	Combination	Min	X	0.00204	75	3957.49	-8.72	18.29

S.K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fifth Floor	A.0.9DL+1.5EQY	Combination	Max	Y	0.001585	77	3987.51	5.42	18.29
Fifth Floor	A.0.9DL+1.5EQY	Combination	Min	Y	0.00131	63	3973.93	7.35	18.29
Fifth Floor	A.0.9DL-1.5EQY	Combination	Max	X	0.000231	75	3957.49	-8.72	18.29
Fifth Floor	A.0.9DL-1.5EQY	Combination	Max	Y	0.001202	28	3970.78	13.67	18.29
Fifth Floor	A.0.9DL-1.5EQY	Combination	Min	Y	0.001506	76	3957.49	0.7	18.29
Fifth Floor	B.DL	Combination		X	5.1E-05	174	3987.52	15.01	18.29
Fifth Floor	B.DL	Combination		Y	0.000111	77	3987.51	5.42	18.29
Fifth Floor	B.DL+LL	Combination		X	5.6E-05	174	3987.52	15.01	18.29
Fifth Floor	B.DL+LL	Combination		Y	0.000129	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.001135	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	0.000257	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.000976	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.000998	69	3987.51	3.36	18.29
Fifth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	Y	0.000178	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001083	174	3987.52	15.01	18.29
Fifth Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.000915	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	X	0.000139	174	3987.52	15.01	18.29
Fifth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.00074	63	3973.93	7.35	18.29
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.000142	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.000606	28	3970.78	13.67	18.29
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Min	X	0.000148	174	3987.52	15.01	18.29
Fifth Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.000796	76	3957.49	0.7	18.29
Fifth Floor	B.DL+EQX	Combination	Max	X	0.001407	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+EQX	Combination	Max	Y	0.000279	174	3987.52	15.01	18.29
Fifth Floor	B.DL+EQX	Combination	Min	X	0.001221	69	3987.51	3.36	18.29
Fifth Floor	B.DL-EQX	Combination	Max	X	0.001245	69	3987.51	3.36	18.29
Fifth Floor	B.DL-EQX	Combination	Max	Y	0.00018	75	3957.49	-8.72	18.29
Fifth Floor	B.DL-EQX	Combination	Min	X	0.001348	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+EQY	Combination	Max	Y	0.001101	77	3987.51	5.42	18.29
Fifth Floor	B.DL+EQY	Combination	Min	X	0.000157	174	3987.52	15.01	18.29
Fifth Floor	B.DL+EQY	Combination	Min	Y	0.000899	63	3973.93	7.35	18.29
Fifth Floor	B.DL-EQY	Combination	Max	X	0.000165	75	3957.49	-8.72	18.29
Fifth Floor	B.DL-EQY	Combination	Max	Y	0.00078	28	3970.78	13.67	18.29
Fifth Floor	B.DL-EQY	Combination	Min	X	0.000168	174	3987.52	15.01	18.29
Fifth Floor	B.DL-EQY	Combination	Min	Y	0.001001	76	3957.49	0.7	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.001486	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000512	174	3987.52	15.01	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.001404	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.00042	76	3957.49	0.7	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000218	75	3957.49	-8.72	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.001029	77	3987.51	5.42	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000311	174	3987.52	15.01	18.29
Fifth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.000818	76	3957.49	0.7	18.29
Fifth Floor	A.0.9DL+1.5RSX	Combination	Max	X	0.001832	75	3957.49	-8.72	18.29
Fifth Floor	A.0.9DL+1.5RSX	Combination	Max	Y	0.000552	174	3987.52	15.01	18.29

S. K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fifth Floor	A.0.9DL+1.5RSX	Combination	Min	X	0.00178	75	3957.49	-8.72	18.29
Fifth Floor	A.0.9DL+1.5RSX	Combination	Min	Y	0.000535	76	3957.49	0.7	18.29
Fifth Floor	A.0.9DL+1.5RSY	Combination	Max	X	0.00026	174	3987.52	15.01	18.29
Fifth Floor	A.0.9DL+1.5RSY	Combination	Max	Y	0.001197	77	3987.51	5.42	18.29
Fifth Floor	A.0.9DL+1.5RSY	Combination	Min	X	0.000352	174	3987.52	15.01	18.29
Fifth Floor	A.0.9DL+1.5RSY	Combination	Min	Y	0.001032	76	3957.49	0.7	18.29
Fifth Floor	A.1.5DL+1.5RSX	Combination	Max	X	0.00185	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL+1.5RSX	Combination	Max	Y	0.000618	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL+1.5RSX	Combination	Min	X	0.001762	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL+1.5RSX	Combination	Min	Y	0.00053	76	3957.49	0.7	18.29
Fifth Floor	A.1.5DL+1.5RSY	Combination	Max	X	0.000265	75	3957.49	-8.72	18.29
Fifth Floor	A.1.5DL+1.5RSY	Combination	Max	Y	0.001264	77	3987.51	5.42	18.29
Fifth Floor	A.1.5DL+1.5RSY	Combination	Min	X	0.000383	174	3987.52	15.01	18.29
Fifth Floor	A.1.5DL+1.5RSY	Combination	Min	Y	0.001027	76	3957.49	0.7	18.29
Fifth Floor	STRENGTH	Combination	Max	X	0.00211	75	3957.49	-8.72	18.29
Fifth Floor	STRENGTH	Combination	Max	Y	0.001652	77	3987.51	5.42	18.29
Fifth Floor	STRENGTH	Combination	Min	X	0.00204	75	3957.49	-8.72	18.29
Fifth Floor	STRENGTH	Combination	Min	Y	0.001506	76	3957.49	0.7	18.29
Fifth Floor	SERVICE	Combination	Max	X	0.001407	75	3957.49	-8.72	18.29
Fifth Floor	SERVICE	Combination	Max	Y	0.001101	77	3987.51	5.42	18.29
Fifth Floor	SERVICE	Combination	Min	X	0.001348	75	3957.49	-8.72	18.29
Fifth Floor	SERVICE	Combination	Min	Y	0.001001	76	3957.49	0.7	18.29
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.000996	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000364	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.00093	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000278	76	3957.49	0.7	18.29
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000151	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.000708	77	3987.51	5.42	18.29
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000218	174	3987.52	15.01	18.29
Fifth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.000543	76	3957.49	0.7	18.29
Fifth Floor	B.DL+RSX	Combination	Max	X	0.001233	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+RSX	Combination	Max	Y	0.000412	174	3987.52	15.01	18.29
Fifth Floor	B.DL+RSX	Combination	Min	X	0.001175	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+RSX	Combination	Min	Y	0.000353	76	3957.49	0.7	18.29
Fifth Floor	B.DL+RSY	Combination	Max	X	0.000177	75	3957.49	-8.72	18.29
Fifth Floor	B.DL+RSY	Combination	Max	Y	0.000843	77	3987.51	5.42	18.29
Fifth Floor	B.DL+RSY	Combination	Min	X	0.000255	174	3987.52	15.01	18.29
Fifth Floor	B.DL+RSY	Combination	Min	Y	0.000685	76	3957.49	0.7	18.29
Fourth Floor	Dead	LinStatic		X	4.1E-05	174	3987.52	15.01	15.24
Fourth Floor	Dead	LinStatic		Y	8E-05	174	3987.52	15.01	15.24
Fourth Floor	Live Load	LinStatic		Y	1.5E-05	174	3987.52	15.01	15.24
Fourth Floor	SDL	LinStatic		Y	2.5E-05	174	3987.52	15.01	15.24
Fourth Floor	EQX	LinStatic	Max	X	0.001806	75	3957.49	-8.72	15.24
Fourth Floor	EQX	LinStatic	Min	X	0.001617	69	3987.51	3.36	15.24
Fourth Floor	EQY	LinStatic	Max	Y	0.001285	75	3957.49	-8.72	15.24

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fourth Floor	EQY	LinStatic	Min	Y	0.001064	63	3973.93	7.35	15.24
Fourth Floor	LL Terrace	LinStatic		Y	2E-06	75	3957.49	-8.72	15.24
Fourth Floor	RSX	LinRespSpec	Max	X	0.001567	75	3957.49	-8.72	15.24
Fourth Floor	RSX	LinRespSpec	Max	Y	0.000453	75	3957.49	-8.72	15.24
Fourth Floor	RSY	LinRespSpec	Max	X	0.000272	174	3987.52	15.01	15.24
Fourth Floor	RSY	LinRespSpec	Max	Y	0.000985	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL	Combination		X	7.3E-05	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL	Combination		Y	0.000161	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5LL	Combination		X	7.9E-05	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5LL	Combination		Y	0.000183	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.002208	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	0.000409	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.001928	69	3987.51	3.36	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.001952	69	3987.51	3.36	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	Y	0.000281	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.002127	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.001669	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	X	0.000232	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.001361	63	3973.93	7.35	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000247	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.001204	23	3970.78	-7.5	15.24
Fourth Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.001529	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL+1.5EQX	Combination	Max	X	0.002753	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL+1.5EQX	Combination	Max	Y	0.000489	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5EQX	Combination	Min	X	0.002409	69	3987.51	3.36	15.24
Fourth Floor	A.1.5DL+1.5EQY	Combination	Max	Y	0.002064	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5EQY	Combination	Min	X	0.000283	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5EQY	Combination	Min	Y	0.001687	63	3973.93	7.35	15.24
Fourth Floor	A.1.5DL-1.5EQY	Combination	Max	X	0.000301	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL-1.5EQY	Combination	Max	Y	0.001518	23	3970.78	-7.5	15.24
Fourth Floor	A.1.5DL-1.5EQY	Combination	Min	Y	0.001915	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL-1.5EQX	Combination	Max	X	0.002441	69	3987.51	3.36	15.24
Fourth Floor	A.1.5DL-1.5EQX	Combination	Min	X	0.002666	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5EQX	Combination	Max	X	0.002735	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5EQX	Combination	Min	X	0.002416	69	3987.51	3.36	15.24
Fourth Floor	A.0.9DL-1.5EQX	Combination	Max	X	0.002434	69	3987.51	3.36	15.24
Fourth Floor	A.0.9DL-1.5EQX	Combination	Min	X	0.002683	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5EQY	Combination	Max	Y	0.002001	174	3987.52	15.01	15.24
Fourth Floor	A.0.9DL+1.5EQY	Combination	Min	Y	0.00165	63	3973.93	7.35	15.24
Fourth Floor	A.0.9DL-1.5EQY	Combination	Max	X	0.000284	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL-1.5EQY	Combination	Max	Y	0.001548	23	3970.78	-7.5	15.24
Fourth Floor	A.0.9DL-1.5EQY	Combination	Min	Y	0.00192	75	3957.49	-8.72	15.24
Fourth Floor	B.DL	Combination		X	4.8E-05	174	3987.52	15.01	15.24
Fourth Floor	B.DL	Combination		Y	0.000105	174	3987.52	15.01	15.24
Fourth Floor	B.DL+LL	Combination		X	5.3E-05	174	3987.52	15.01	15.24

S. K. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fourth Floor	B.DL+LL	Combination		Y	0.000122	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.001478	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	0.000294	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.001283	69	3987.51	3.36	15.24
Fourth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.001304	69	3987.51	3.36	15.24
Fourth Floor	B.DL+0.8LL-0.8EQX	Combination	Max	Y	0.000189	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001412	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.001134	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	X	0.000164	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.00092	63	3973.93	7.35	15.24
Fourth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.00017	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.000793	23	3970.78	-7.5	15.24
Fourth Floor	B.DL+0.8LL-0.8EQY	Combination	Min	X	0.00017	174	3987.52	15.01	15.24
Fourth Floor	B.DL+EQX	Combination	Min	Y	0.001018	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+EQX	Combination	Max	X	0.001835	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+EQX	Combination	Max	Y	0.000326	174	3987.52	15.01	15.24
Fourth Floor	B.DL-EQX	Combination	Min	X	0.001606	69	3987.51	3.36	15.24
Fourth Floor	B.DL-EQX	Combination	Max	X	0.001627	69	3987.51	3.36	15.24
Fourth Floor	B.DL+EQY	Combination	Min	X	0.001777	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+EQY	Combination	Max	Y	0.001376	174	3987.52	15.01	15.24
Fourth Floor	B.DL+EQY	Combination	Min	X	0.000189	174	3987.52	15.01	15.24
Fourth Floor	B.DL-EQY	Combination	Min	Y	0.001125	63	3973.93	7.35	15.24
Fourth Floor	B.DL-EQY	Combination	Max	X	0.000201	75	3957.49	-8.72	15.24
Fourth Floor	B.DL-EQY	Combination	Max	Y	0.001012	23	3970.78	-7.5	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.001277	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.001921	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000606	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.00184	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.000531	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000268	75	3957.49	-8.72	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.001327	174	3987.52	15.01	15.24
Fourth Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.00039	174	3987.52	15.01	15.24
Fourth Floor	A.0.9DL+1.5RSX	Combination	Min	Y	0.001038	174	3987.52	15.01	15.24
Fourth Floor	A.0.9DL+1.5RSX	Combination	Max	X	0.002376	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5RSX	Combination	Max	Y	0.000687	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5RSX	Combination	Min	X	0.002324	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5RSY	Combination	Min	Y	0.000673	75	3957.49	-8.72	15.24
Fourth Floor	A.0.9DL+1.5RSY	Combination	Max	X	0.000365	174	3987.52	15.01	15.24
Fourth Floor	A.0.9DL+1.5RSY	Combination	Max	Y	0.001573	174	3987.52	15.01	15.24
Fourth Floor	A.0.9DL+1.5RSY	Combination	Min	X	0.000451	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSX	Combination	Min	Y	0.001383	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSX	Combination	Max	X	0.002394	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL+1.5RSX	Combination	Max	Y	0.000736	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSX	Combination	Min	X	0.002307	75	3957.49	-8.72	15.24
Fourth Floor	A.1.5DL+1.5RSX	Combination	Min	Y	0.000669	75	3957.49	-8.72	15.24

S.K. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Fourth Floor	A.1.5DL+1.5RSY	Combination	Max	X	0.000336	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSY	Combination	Max	Y	0.001636	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSY	Combination	Min	X	0.00048	174	3987.52	15.01	15.24
Fourth Floor	A.1.5DL+1.5RSY	Combination	Min	Y	0.00132	174	3987.52	15.01	15.24
Fourth Floor	STRENGTH	Combination	Max	X	0.002753	75	3957.49	-8.72	15.24
Fourth Floor	STRENGTH	Combination	Max	Y	0.002064	174	3987.52	15.01	15.24
Fourth Floor	STRENGTH	Combination	Min	X	0.002683	75	3957.49	-8.72	15.24
Fourth Floor	STRENGTH	Combination	Min	Y	0.00192	75	3957.49	-8.72	15.24
Fourth Floor	SERVICE	Combination	Max	X	0.001835	75	3957.49	-8.72	15.24
Fourth Floor	SERVICE	Combination	Max	Y	0.001376	174	3987.52	15.01	15.24
Fourth Floor	SERVICE	Combination	Min	X	0.001777	75	3957.49	-8.72	15.24
Fourth Floor	SERVICE	Combination	Min	Y	0.001277	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.001286	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000425	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.001221	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000353	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000184	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.000906	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000269	174	3987.52	15.01	15.24
Fourth Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.000689	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+RSX	Combination	Max	X	0.001596	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+RSX	Combination	Max	Y	0.000491	174	3987.52	15.01	15.24
Fourth Floor	B.DL+RSX	Combination	Min	X	0.001538	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+RSX	Combination	Min	Y	0.000446	75	3957.49	-8.72	15.24
Fourth Floor	B.DL+RSY	Combination	Max	X	0.000224	174	3987.52	15.01	15.24
Fourth Floor	B.DL+RSY	Combination	Max	Y	0.001091	174	3987.52	15.01	15.24
Fourth Floor	B.DL+RSY	Combination	Min	X	0.00032	174	3987.52	15.01	15.24
Fourth Floor	B.DL+RSY	Combination	Min	Y	0.00088	174	3987.52	15.01	15.24
Third Floor	Dead	LinStatic		X	3.7E-05	174	3987.52	15.01	12.19
Third Floor	Dead	LinStatic		Y	7.3E-05	174	3987.52	15.01	12.19
Third Floor	Live Load	LinStatic		Y	1.4E-05	174	3987.52	15.01	12.19
Third Floor	SDL	LinStatic		Y	2.3E-05	174	3987.52	15.01	12.19
Third Floor	EQX	LinStatic	Max	X	0.002074	75	3957.49	-8.72	12.19
Third Floor	EQX	LinStatic	Min	X	0.001856	69	3987.51	3.36	12.19
Third Floor	EQY	LinStatic	Max	Y	0.001453	75	3957.49	-8.72	12.19
Third Floor	EQY	LinStatic	Min	Y	0.001204	63	3973.93	7.35	12.19
Third Floor	LL Terrace	LinStatic		Y	2E-06	75	3957.49	-8.72	12.19
Third Floor	RSX	LinRespSpec	Max	X	0.001847	75	3957.49	-8.72	12.19
Third Floor	RSX	LinRespSpec	Max	Y	0.000525	75	3957.49	-8.72	12.19
Third Floor	RSY	LinRespSpec	Max	X	0.000326	174	3987.52	15.01	12.19
Third Floor	RSY	LinRespSpec	Max	Y	0.001185	174	3987.52	15.01	12.19
Third Floor	A.1.5DL	Combination		X	6.6E-05	174	3987.52	15.01	12.19
Third Floor	A.1.5DL	Combination		Y	0.000146	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5LL	Combination		X	7.2E-05	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5LL	Combination		Y	0.000166	174	3987.52	15.01	12.19

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Third Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.002527	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	Y	0.000436	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.002217	69	3987.51	3.36	12.19
Third Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.002238	69	3987.51	3.36	12.19
Third Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.00245	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.001864	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	X	0.000253	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.001521	63	3973.93	7.35	12.19
Third Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000271	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.001379	28	3970.78	13.67	12.19
Third Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.001734	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL+1.5EQX	Combination	Max	X	0.003152	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL+1.5EQX	Combination	Max	Y	0.000524	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5EQX	Combination	Min	X	0.002771	69	3987.51	3.36	12.19
Third Floor	A.1.5DL+1.5EQY	Combination	Max	Y	0.00231	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5EQY	Combination	Min	Y	0.001888	63	3973.93	7.35	12.19
Third Floor	A.1.5DL-1.5EQY	Combination	Max	X	0.000331	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL-1.5EQY	Combination	Max	Y	0.001735	28	3970.78	13.67	12.19
Third Floor	A.1.5DL-1.5EQY	Combination	Min	Y	0.002171	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL-1.5EQX	Combination	Max	X	0.002798	69	3987.51	3.36	12.19
Third Floor	A.1.5DL-1.5EQX	Combination	Min	X	0.003069	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5EQX	Combination	Max	X	0.003135	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5EQX	Combination	Min	X	0.002777	69	3987.51	3.36	12.19
Third Floor	A.0.9DL-1.5EQX	Combination	Max	X	0.002792	69	3987.51	3.36	12.19
Third Floor	A.0.9DL-1.5EQX	Combination	Min	X	0.003086	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5EQY	Combination	Max	Y	0.002252	174	3987.52	15.01	12.19
Third Floor	A.0.9DL+1.5EQY	Combination	Min	Y	0.001855	63	3973.93	7.35	12.19
Third Floor	A.0.9DL-1.5EQY	Combination	Max	X	0.000315	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL-1.5EQY	Combination	Max	Y	0.001763	28	3970.78	13.67	12.19
Third Floor	A.0.9DL-1.5EQY	Combination	Min	Y	0.002174	75	3957.49	-8.72	12.19
Third Floor	B.DL	Combination		X	4.4E-05	174	3987.52	15.01	12.19
Third Floor	B.DL	Combination		Y	9.6E-05	174	3987.52	15.01	12.19
Third Floor	B.DL+LL	Combination		X	4.8E-05	174	3987.52	15.01	12.19
Third Floor	B.DL+LL	Combination		Y	0.000111	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.00169	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	0.00031	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.001476	69	3987.51	3.36	12.19
Third Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.001494	69	3987.51	3.36	12.19
Third Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001628	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.001262	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8EQY	Combination	Min	X	0.000177	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.001025	63	3973.93	7.35	12.19
Third Floor	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.000186	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.00091	28	3970.78	13.67	12.19
Third Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.001155	75	3957.49	-8.72	12.19

S. Senthil Kumar

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Third Floor	B.DL+EQX	Combination	Max	X	0.002101	75	3957.49	-8.72	12.19
Third Floor	B.DL+EQX	Combination	Max	Y	0.00035	174	3987.52	15.01	12.19
Third Floor	B.DL+EQX	Combination	Min	X	0.001848	69	3987.51	3.36	12.19
Third Floor	B.DL-EQX	Combination	Max	X	0.001865	69	3987.51	3.36	12.19
Third Floor	B.DL-EQX	Combination	Min	X	0.002046	75	3957.49	-8.72	12.19
Third Floor	B.DL+EQY	Combination	Max	Y	0.00154	174	3987.52	15.01	12.19
Third Floor	B.DL+EQY	Combination	Min	Y	0.001259	63	3973.93	7.35	12.19
Third Floor	B.DL-EQY	Combination	Max	X	0.000221	75	3957.49	-8.72	12.19
Third Floor	B.DL-EQY	Combination	Max	Y	0.001157	28	3970.78	13.67	12.19
Third Floor	B.DL-EQY	Combination	Min	Y	0.001447	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.002254	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000674	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.002178	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.00062	75	3957.49	-8.72	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000334	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.001553	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000449	174	3987.52	15.01	12.19
Third Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.001291	174	3987.52	15.01	12.19
Third Floor	A.0.9DL+1.5RSX	Combination	Max	X	0.002795	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5RSX	Combination	Max	Y	0.000793	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5RSX	Combination	Min	X	0.002745	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5RSX	Combination	Min	Y	0.000783	75	3957.49	-8.72	12.19
Third Floor	A.0.9DL+1.5RSY	Combination	Max	X	0.00045	174	3987.52	15.01	12.19
Third Floor	A.0.9DL+1.5RSY	Combination	Max	Y	0.001864	174	3987.52	15.01	12.19
Third Floor	A.0.9DL+1.5RSY	Combination	Min	X	0.000528	174	3987.52	15.01	12.19
Third Floor	A.0.9DL+1.5RSY	Combination	Min	Y	0.001692	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5RSX	Combination	Max	X	0.002811	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL+1.5RSX	Combination	Max	Y	0.000822	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5RSX	Combination	Min	X	0.002729	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL+1.5RSX	Combination	Min	Y	0.000779	75	3957.49	-8.72	12.19
Third Floor	A.1.5DL+1.5RSY	Combination	Max	X	0.000423	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5RSY	Combination	Max	Y	0.001922	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5RSY	Combination	Min	X	0.000554	174	3987.52	15.01	12.19
Third Floor	A.1.5DL+1.5RSY	Combination	Min	Y	0.001634	174	3987.52	15.01	12.19
Third Floor	STRENGTH	Combination	Max	X	0.003152	75	3957.49	-8.72	12.19
Third Floor	STRENGTH	Combination	Max	Y	0.00231	174	3987.52	15.01	12.19
Third Floor	STRENGTH	Combination	Min	X	0.003086	75	3957.49	-8.72	12.19
Third Floor	STRENGTH	Combination	Min	Y	0.002174	75	3957.49	-8.72	12.19
Third Floor	SERVICE	Combination	Max	X	0.002101	75	3957.49	-8.72	12.19
Third Floor	SERVICE	Combination	Max	Y	0.00154	174	3987.52	15.01	12.19
Third Floor	SERVICE	Combination	Min	X	0.002046	75	3957.49	-8.72	12.19
Third Floor	SERVICE	Combination	Min	Y	0.001447	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.001508	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000468	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.001446	75	3957.49	-8.72	12.19

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-I
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44353

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Third Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000412	75	3957.49	-8.72	12.19
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000214	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.001055	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000308	174	3987.52	15.01	12.19
Third Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.000842	174	3987.52	15.01	12.19
Third Floor	B.DL+RSX	Combination	Max	X	0.001874	75	3957.49	-8.72	12.19
Third Floor	B.DL+RSX	Combination	Max	Y	0.000548	174	3987.52	15.01	12.19
Third Floor	B.DL+RSX	Combination	Min	X	0.001819	75	3957.49	-8.72	12.19
Third Floor	B.DL+RSX	Combination	Min	Y	0.000519	75	3957.49	-8.72	12.19
Third Floor	B.DL+RSY	Combination	Max	X	0.000282	174	3987.52	15.01	12.19
Third Floor	B.DL+RSY	Combination	Max	Y	0.001281	174	3987.52	15.01	12.19
Third Floor	B.DL+RSY	Combination	Min	X	0.00037	174	3987.52	15.01	12.19
Third Floor	B.DL+RSY	Combination	Min	Y	0.001089	174	3987.52	15.01	12.19
Second Floor	Dead	LinStatic		X	2.9E-05	174	3987.52	15.01	9.15
Second Floor	Dead	LinStatic		Y	5.9E-05	174	3987.52	15.01	9.15
Second Floor	Live Load	LinStatic		Y	1.1E-05	174	3987.52	15.01	9.15
Second Floor	SDL	LinStatic		Y	1.8E-05	174	3987.52	15.01	9.15
Second Floor	EQX	LinStatic	Max	X	0.002196	75	3957.49	-8.72	9.15
Second Floor	EQX	LinStatic	Min	X	0.001962	69	3987.51	3.36	9.15
Second Floor	EQY	LinStatic	Max	Y	0.001527	76	3957.49	0.7	9.15
Second Floor	EQY	LinStatic	Min	Y	0.001258	63	3973.93	7.35	9.15
Second Floor	LL Terrace	LinStatic		Y	1E-06	76	3957.49	0.7	9.15
Second Floor	RSX	LinRespSpec	Max	X	0.002065	75	3957.49	-8.72	9.15
Second Floor	RSX	LinRespSpec	Max	Y	0.000587	76	3957.49	0.7	9.15
Second Floor	RSY	LinRespSpec	Max	X	0.00037	174	3987.52	15.01	9.15
Second Floor	RSY	LinRespSpec	Max	Y	0.001331	77	3987.51	5.42	9.15
Second Floor	A.1.5DL	Combination		X	5.2E-05	174	3987.52	15.01	9.15
Second Floor	A.1.5DL	Combination		Y	0.000117	174	3987.52	15.01	9.15
Second Floor	A.1.5DL+1.5LL	Combination		X	5.7E-05	174	3987.52	15.01	9.15
Second Floor	A.1.5DL+1.5LL	Combination		Y	0.000133	174	3987.52	15.01	9.15
Second Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.002667	75	3957.49	-8.72	9.15
Second Floor	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.002347	69	3987.51	3.36	9.15
Second Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.002362	69	3987.51	3.36	9.15
Second Floor	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.002603	75	3957.49	-8.72	9.15
Second Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.001925	77	3987.51	5.42	9.15
Second Floor	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.00157	63	3973.93	7.35	9.15
Second Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	X	0.000276	75	3957.49	-8.72	9.15
Second Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.001457	23	3970.78	-7.5	9.15
Second Floor	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.001825	76	3957.49	0.7	9.15
Second Floor	A.1.5DL+1.5EQX	Combination	Max	X	0.003327	75	3957.49	-8.72	9.15
Second Floor	A.1.5DL+1.5EQX	Combination	Min	X	0.002933	69	3987.51	3.36	9.15
Second Floor	A.1.5DL+1.5EQY	Combination	Max	Y	0.00239	77	3987.51	5.42	9.15
Second Floor	A.1.5DL+1.5EQY	Combination	Min	Y	0.001953	63	3973.93	7.35	9.15
Second Floor	A.1.5DL-1.5EQY	Combination	Max	X	0.00034	75	3957.49	-8.72	9.15
Second Floor	A.1.5DL-1.5EQY	Combination	Max	Y	0.00183	23	3970.78	-7.5	9.15

S. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Second Floor	A.1.5DL-1.5EQY	Combination	Min	Y	0.002284	76	3957.49	0.7	9.15
Second Floor	A.1.5DL-1.5EQX	Combination	Max	X	0.002953	69	3987.51	3.36	9.15
Second Floor	A.1.5DL-1.5EQX	Combination	Min	X	0.003259	75	3957.49	-8.72	9.15
Second Floor	A.0.9DL+1.5EQX	Combination	Max	X	0.003314	75	3957.49	-8.72	9.15
Second Floor	A.0.9DL+1.5EQX	Combination	Min	X	0.002937	69	3987.51	3.36	9.15
Second Floor	A.0.9DL-1.5EQX	Combination	Max	X	0.002949	69	3987.51	3.36	9.15
Second Floor	A.0.9DL-1.5EQX	Combination	Min	X	0.003273	75	3957.49	-8.72	9.15
Second Floor	A.0.9DL+1.5EQY	Combination	Max	Y	0.002344	77	3987.51	5.42	9.15
Second Floor	A.0.9DL+1.5EQY	Combination	Min	Y	0.001926	63	3973.93	7.35	9.15
Second Floor	A.0.9DL-1.5EQY	Combination	Max	Y	0.001852	23	3970.78	-7.5	9.15
Second Floor	A.0.9DL-1.5EQY	Combination	Min	Y	0.002287	76	3957.49	0.7	9.15
Second Floor	B.DL	Combination		X	3.5E-05	174	3987.52	15.01	9.15
Second Floor	B.DL	Combination		Y	7.7E-05	174	3987.52	15.01	9.15
Second Floor	B.DL+LL	Combination		X	3.8E-05	174	3987.52	15.01	9.15
Second Floor	B.DL+LL	Combination		Y	8.9E-05	174	3987.52	15.01	9.15
Second Floor	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.001782	75	3957.49	-8.72	9.15
Second Floor	B.DL+0.8LL+0.8EQX	Combination	Max	Y	0.000306	174	3987.52	15.01	9.15
Second Floor	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.001563	69	3987.51	3.36	9.15
Second Floor	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.001576	69	3987.51	3.36	9.15
Second Floor	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001731	75	3957.49	-8.72	9.15
Second Floor	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.001298	77	3987.51	5.42	9.15
Second Floor	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.001056	63	3973.93	7.35	9.15
Second Floor	B.DL+0.8LL-0.8EQY	Combination	Max	X	0.000189	75	3957.49	-8.72	9.15
Second Floor	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.000964	23	3970.78	-7.5	9.15
Second Floor	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.001216	76	3957.49	0.7	9.15
Second Floor	B.DL+EQX	Combination	Max	X	0.002218	75	3957.49	-8.72	9.15
Second Floor	B.DL+EQX	Combination	Min	X	0.001956	69	3987.51	3.36	9.15
Second Floor	B.DL-EQX	Combination	Max	X	0.001969	69	3987.51	3.36	9.15
Second Floor	B.DL-EQX	Combination	Min	X	0.002173	75	3957.49	-8.72	9.15
Second Floor	B.DL+EQY	Combination	Max	Y	0.001593	77	3987.51	5.42	9.15
Second Floor	B.DL+EQY	Combination	Min	Y	0.001302	63	3973.93	7.35	9.15
Second Floor	B.DL-EQY	Combination	Max	X	0.000227	75	3957.49	-8.72	9.15
Second Floor	B.DL-EQY	Combination	Max	Y	0.00122	23	3970.78	-7.5	9.15
Second Floor	B.DL-EQY	Combination	Min	Y	0.001523	76	3957.49	0.7	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.00251	75	3957.49	-8.72	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.00072	174	3987.52	15.01	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.002446	75	3957.49	-8.72	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.000697	76	3957.49	0.7	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000398	174	3987.52	15.01	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.001702	77	3987.51	5.42	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.00049	174	3987.52	15.01	9.15
Second Floor	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.001493	77	3987.51	5.42	9.15
Second Floor	A.0.9DL+1.5RSX	Combination	Max	X	0.003118	75	3957.49	-8.72	9.15
Second Floor	A.0.9DL+1.5RSX	Combination	Max	Y	0.000884	76	3957.49	0.7	9.15
Second Floor	A.0.9DL+1.5RSX	Combination	Min	X	0.003077	75	3957.49	-8.72	9.15

S/1 Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
Second Floor	A.0.9DL+1.5RSX	Combination	Min	Y	0.000876	76	3957.49	0.7	9.15
Second Floor	A.0.9DL+1.5RSY	Combination	Max	X	0.000523	174	3987.52	15.01	9.15
Second Floor	A.0.9DL+1.5RSY	Combination	Max	Y	0.002066	77	3987.51	5.42	9.15
Second Floor	A.0.9DL+1.5RSY	Combination	Min	X	0.000586	174	3987.52	15.01	9.15
Second Floor	A.0.9DL+1.5RSY	Combination	Min	Y	0.001928	77	3987.51	5.42	9.15
Second Floor	A.1.5DL+1.5RSX	Combination	Max	X	0.003132	75	3957.49	-8.72	9.15
Second Floor	A.1.5DL+1.5RSX	Combination	Max	Y	0.000887	76	3957.49	0.7	9.15
Second Floor	A.1.5DL+1.5RSX	Combination	Min	X	0.003064	75	3957.49	-8.72	9.15
Second Floor	A.1.5DL+1.5RSX	Combination	Min	Y	0.000873	76	3957.49	0.7	9.15
Second Floor	A.1.5DL+1.5RSY	Combination	Max	X	0.000503	174	3987.52	15.01	9.15
Second Floor	A.1.5DL+1.5RSY	Combination	Max	Y	0.002112	77	3987.51	5.42	9.15
Second Floor	A.1.5DL+1.5RSY	Combination	Min	X	0.000607	174	3987.52	15.01	9.15
Second Floor	A.1.5DL+1.5RSY	Combination	Min	Y	0.001882	77	3987.51	5.42	9.15
Second Floor	STRENGTH	Combination	Max	X	0.003327	75	3957.49	-8.72	9.15
Second Floor	STRENGTH	Combination	Max	Y	0.00239	77	3987.51	5.42	9.15
Second Floor	STRENGTH	Combination	Min	X	0.003273	75	3957.49	-8.72	9.15
Second Floor	STRENGTH	Combination	Min	Y	0.002287	76	3957.49	0.7	9.15
Second Floor	SERVICE	Combination	Max	X	0.002218	75	3957.49	-8.72	9.15
Second Floor	SERVICE	Combination	Max	Y	0.001593	77	3987.51	5.42	9.15
Second Floor	SERVICE	Combination	Min	X	0.002173	75	3957.49	-8.72	9.15
Second Floor	SERVICE	Combination	Min	Y	0.001523	76	3957.49	0.7	9.15
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.001678	75	3957.49	-8.72	9.15
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000495	174	3987.52	15.01	9.15
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.001626	75	3957.49	-8.72	9.15
Second Floor	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000463	76	3957.49	0.7	9.15
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000258	174	3987.52	15.01	9.15
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.00115	77	3987.51	5.42	9.15
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000333	174	3987.52	15.01	9.15
Second Floor	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.00098	77	3987.51	5.42	9.15
Second Floor	B.DL+RSX	Combination	Max	X	0.002088	75	3957.49	-8.72	9.15
Second Floor	B.DL+RSX	Combination	Max	Y	0.000591	76	3957.49	0.7	9.15
Second Floor	B.DL+RSX	Combination	Min	X	0.002042	75	3957.49	-8.72	9.15
Second Floor	B.DL+RSX	Combination	Min	Y	0.000582	76	3957.49	0.7	9.15
Second Floor	B.DL+RSY	Combination	Max	X	0.000335	174	3987.52	15.01	9.15
Second Floor	B.DL+RSY	Combination	Max	Y	0.001408	77	3987.51	5.42	9.15
Second Floor	B.DL+RSY	Combination	Min	X	0.000405	174	3987.52	15.01	9.15
Second Floor	B.DL+RSY	Combination	Min	Y	0.001255	77	3987.51	5.42	9.15
FIRST FLOOR	Dead	LinStatic		X	2.9E-05	130	3978.69	5.42	6.1
FIRST FLOOR	Dead	LinStatic		Y	0.000121	31	3973.93	-1.17	6.1
FIRST FLOOR	Live Load	LinStatic		Y	3.9E-05	31	3973.93	-1.17	6.1
FIRST FLOOR	SDL	LinStatic		Y	5.9E-05	31	3973.93	-1.17	6.1
FIRST FLOOR	EQX	LinStatic	Max	X	0.002262	60	3961.45	2.75	6.1
FIRST FLOOR	EQX	LinStatic	Min	X	0.002227	66	3983.55	3.36	6.1
FIRST FLOOR	EQY	LinStatic	Max	Y	0.001853	55	3987.51	13.67	6.1
FIRST FLOOR	EQY	LinStatic	Min	Y	0.001552	29	3973.93	-7.5	6.1

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
FIRST FLOOR	LL Terrace	LinStatic		Y	1E-06	24	3970.78	-4.15	6.1
FIRST FLOOR	RSX	LinRespSpec	Max	X	0.002231	51	3986.94	-7.5	6.1
FIRST FLOOR	RSX	LinRespSpec	Max	Y	0.000719	6	3957.49	-7.5	6.1
FIRST FLOOR	RSY	LinRespSpec	Max	X	0.000391	56	3960.77	13.67	6.1
FIRST FLOOR	RSY	LinRespSpec	Max	Y	0.001738	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.5DL	Combination		Y	0.000271	31	3973.93	-1.17	6.1
FIRST FLOOR	A.1.5DL+1.5LL	Combination		Y	0.00033	31	3973.93	-1.17	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.00273	60	3961.45	2.75	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.002688	60	3961.45	2.75	6.1
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.002697	66	3983.55	3.36	6.1
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.002719	66	3983.55	3.36	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.002278	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.002018	31	3973.93	-1.17	6.1
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.001857	26	3970.78	7.35	6.1
FIRST FLOOR	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.002192	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.5DL+1.5EQX	Combination	Max	X	0.003407	60	3961.45	2.75	6.1
FIRST FLOOR	A.1.5DL+1.5EQX	Combination	Min	X	0.003354	60	3961.45	2.75	6.1
FIRST FLOOR	A.1.5DL+1.5EQY	Combination	Max	Y	0.002839	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5EQY	Combination	Min	Y	0.002463	31	3973.93	-1.17	6.1
FIRST FLOOR	A.1.5DL-1.5EQY	Combination	Max	Y	0.002299	26	3970.78	7.35	6.1
FIRST FLOOR	A.1.5DL-1.5EQY	Combination	Min	Y	0.002741	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.5DL-1.5EQX	Combination	Max	X	0.003366	66	3983.55	3.36	6.1
FIRST FLOOR	A.1.5DL-1.5EQX	Combination	Min	X	0.003393	66	3983.55	3.36	6.1
FIRST FLOOR	A.0.9DL+1.5EQX	Combination	Max	X	0.003401	60	3961.45	2.75	6.1
FIRST FLOOR	A.0.9DL+1.5EQX	Combination	Min	X	0.003348	60	3961.45	2.75	6.1
FIRST FLOOR	A.0.9DL-1.5EQX	Combination	Max	X	0.003356	66	3983.55	3.36	6.1
FIRST FLOOR	A.0.9DL-1.5EQX	Combination	Min	X	0.003384	60	3961.45	2.75	6.1
FIRST FLOOR	A.0.9DL+1.5EQY	Combination	Max	Y	0.002815	55	3987.51	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5EQY	Combination	Min	Y	0.002369	29	3973.93	-7.5	6.1
FIRST FLOOR	A.0.9DL-1.5EQY	Combination	Max	Y	0.002297	33	3973.93	13.67	6.1
FIRST FLOOR	A.0.9DL-1.5EQY	Combination	Min	Y	0.002744	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL	Combination		Y	0.00018	31	3973.93	-1.17	6.1
FIRST FLOOR	B.DL+LL	Combination		Y	0.00022	31	3973.93	-1.17	6.1
FIRST FLOOR	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.001822	60	3961.45	2.75	6.1
FIRST FLOOR	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.001794	60	3961.45	2.75	6.1
FIRST FLOOR	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.001801	66	3983.55	3.36	6.1
FIRST FLOOR	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001816	66	3983.55	3.36	6.1
FIRST FLOOR	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.001526	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.001381	31	3973.93	-1.17	6.1
FIRST FLOOR	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.00125	26	3970.78	7.35	6.1
FIRST FLOOR	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.001461	6	3957.49	-7.5	6.1
FIRST FLOOR	B.DL+EQX	Combination	Max	X	0.002272	60	3961.45	2.75	6.1
FIRST FLOOR	B.DL+EQX	Combination	Min	X	0.002236	60	3961.45	2.75	6.1
FIRST FLOOR	B.DL-EQX	Combination	Max	X	0.002244	66	3983.55	3.36	6.1
FIRST FLOOR	B.DL-EQX	Combination	Min	X	0.002262	66	3983.55	3.36	6.1

S/r Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
FIRST FLOOR	B.DL+EQY	Combination	Max	Y	0.001893	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+EQY	Combination	Min	Y	0.001642	31	3973.93	-1.17	6.1
FIRST FLOOR	B.DL-EQY	Combination	Max	Y	0.001533	26	3970.78	7.35	6.1
FIRST FLOOR	B.DL-EQY	Combination	Min	Y	0.001828	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.002685	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000876	1	3957.49	13.67	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.002677	51	3986.94	-7.5	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.000858	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000456	1	3957.49	13.67	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.00214	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000494	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.002032	55	3987.51	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Max	X	0.003348	23	3970.78	-7.5	6.1
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Max	Y	0.001087	1	3957.49	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Min	X	0.003348	51	3986.94	-7.5	6.1
FIRST FLOOR	A.0.9DL+1.5RSX	Combination	Min	Y	0.001076	6	3957.49	-7.5	6.1
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Max	X	0.000576	1	3957.49	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Max	Y	0.002643	55	3987.51	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Min	X	0.000602	55	3987.51	13.67	6.1
FIRST FLOOR	A.0.9DL+1.5RSY	Combination	Min	Y	0.002572	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Max	X	0.003352	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Max	Y	0.001094	1	3957.49	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Min	X	0.003348	51	3986.94	-7.5	6.1
FIRST FLOOR	A.1.5DL+1.5RSX	Combination	Min	Y	0.001074	6	3957.49	-7.5	6.1
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Max	X	0.00057	1	3957.49	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Max	Y	0.002667	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Min	X	0.000615	55	3987.51	13.67	6.1
FIRST FLOOR	A.1.5DL+1.5RSY	Combination	Min	Y	0.002548	55	3987.51	13.67	6.1
FIRST FLOOR	STRENGTH	Combination	Max	X	0.003407	60	3961.45	2.75	6.1
FIRST FLOOR	STRENGTH	Combination	Max	Y	0.002839	55	3987.51	13.67	6.1
FIRST FLOOR	STRENGTH	Combination	Min	X	0.003393	66	3983.55	3.36	6.1
FIRST FLOOR	STRENGTH	Combination	Min	Y	0.002744	55	3987.51	13.67	6.1
FIRST FLOOR	SERVICE	Combination	Max	X	0.002272	60	3961.45	2.75	6.1
FIRST FLOOR	SERVICE	Combination	Max	Y	0.001893	55	3987.51	13.67	6.1
FIRST FLOOR	SERVICE	Combination	Min	X	0.002262	66	3983.55	3.36	6.1
FIRST FLOOR	SERVICE	Combination	Min	Y	0.001828	6	3957.49	-7.5	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.001791	6	3957.49	-7.5	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000586	1	3957.49	13.67	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.001785	51	3986.94	-7.5	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000571	6	3957.49	-7.5	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000301	1	3957.49	13.67	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.001434	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.000334	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.001347	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+RSX	Combination	Max	X	0.002235	6	3957.49	-7.5	6.1

S-d Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 9842744352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
FIRST FLOOR	B.DL+RSX	Combination	Max	Y	0.000729	1	3957.49	13.67	6.1
FIRST FLOOR	B.DL+RSX	Combination	Min	X	0.002232	51	3986.94	-7.5	6.1
FIRST FLOOR	B.DL+RSX	Combination	Min	Y	0.000716	6	3957.49	-7.5	6.1
FIRST FLOOR	B.DL+RSY	Combination	Max	X	0.00038	1	3957.49	13.67	6.1
FIRST FLOOR	B.DL+RSY	Combination	Max	Y	0.001778	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+RSY	Combination	Min	X	0.00041	55	3987.51	13.67	6.1
FIRST FLOOR	B.DL+RSY	Combination	Min	Y	0.001699	55	3987.51	13.67	6.1
STILT	Dead	LinStatic		Y	0.000102	31	3973.93	-1.17	3.05
STILT	Live Load	LinStatic		Y	3.5E-05	31	3973.93	-1.17	3.05
STILT	SDL	LinStatic		Y	5.2E-05	31	3973.93	-1.17	3.05
STILT	EQX	LinStatic	Max	X	0.001845	11	3960.77	-7.5	3.05
STILT	EQX	LinStatic	Min	X	0.001616	35	3977.13	-4.15	3.05
STILT	EQY	LinStatic	Max	Y	0.001297	56	3960.77	13.67	3.05
STILT	EQY	LinStatic	Min	Y	0.001096	30	3973.93	-4.15	3.05
STILT	LL Terrace	LinStatic		X	2.645E-07	76	3957.49	0.7	3.05
STILT	LL Terrace	LinStatic		Y	1E-06	56	3960.77	13.67	3.05
STILT	RSX	LinRespSpec	Max	X	0.001892	11	3960.77	-7.5	3.05
STILT	RSX	LinRespSpec	Max	Y	0.000475	59	3957.49	2.75	3.05
STILT	RSY	LinRespSpec	Max	X	0.000285	55	3987.51	13.67	3.05
STILT	RSY	LinRespSpec	Max	Y	0.001222	70	3980.78	13.67	3.05
STILT	A.1.5DL	Combination		Y	0.000231	31	3973.93	-1.17	3.05
STILT	A.1.5DL+1.5LL	Combination		Y	0.000283	31	3973.93	-1.17	3.05
STILT	A.1.2DL+1.2LL+1.2EQX	Combination	Max	X	0.002213	51	3986.94	-7.5	3.05
STILT	A.1.2DL+1.2LL+1.2EQX	Combination	Min	X	0.001944	52	3986.94	-4.15	3.05
STILT	A.1.2DL+1.2LL-1.2EQX	Combination	Max	X	0.001944	5	3957.49	-4.15	3.05
STILT	A.1.2DL+1.2LL-1.2EQX	Combination	Min	X	0.00222	6	3957.49	-7.5	3.05
STILT	A.1.2DL+1.2LL+1.2EQY	Combination	Max	Y	0.001643	56	3960.77	13.67	3.05
STILT	A.1.2DL+1.2LL+1.2EQY	Combination	Min	Y	0.0014	26	3970.78	7.35	3.05
STILT	A.1.2DL+1.2LL-1.2EQY	Combination	Max	Y	0.001519	31	3973.93	-1.17	3.05
STILT	A.1.2DL+1.2LL-1.2EQY	Combination	Min	Y	0.001566	31	3973.93	-1.17	3.05
STILT	A.1.5DL+1.5EQX	Combination	Max	X	0.002765	51	3986.94	-7.5	3.05
STILT	A.1.5DL+1.5EQX	Combination	Min	X	0.002428	52	3986.94	-4.15	3.05
STILT	A.1.5DL+1.5EQY	Combination	Max	Y	0.002034	56	3960.77	13.67	3.05
STILT	A.1.5DL+1.5EQY	Combination	Min	Y	0.001722	26	3970.78	7.35	3.05
STILT	A.1.5DL-1.5EQY	Combination	Max	Y	0.001846	31	3973.93	-1.17	3.05
STILT	A.1.5DL-1.5EQY	Combination	Min	Y	0.001906	31	3973.93	-1.17	3.05
STILT	A.1.5DL-1.5EQX	Combination	Max	X	0.002429	5	3957.49	-4.15	3.05
STILT	A.1.5DL-1.5EQX	Combination	Min	X	0.002774	6	3957.49	-7.5	3.05
STILT	A.0.9DL+1.5EQX	Combination	Max	X	0.002764	11	3960.77	-7.5	3.05
STILT	A.0.9DL+1.5EQX	Combination	Min	X	0.002425	52	3986.94	-4.15	3.05
STILT	A.0.9DL-1.5EQX	Combination	Max	X	0.002425	5	3957.49	-4.15	3.05
STILT	A.0.9DL-1.5EQX	Combination	Min	X	0.002771	6	3957.49	-7.5	3.05
STILT	A.0.9DL+1.5EQY	Combination	Max	Y	0.001999	56	3960.77	13.67	3.05
STILT	A.0.9DL+1.5EQY	Combination	Min	Y	0.001671	26	3970.78	7.35	3.05
STILT	A.0.9DL-1.5EQY	Combination	Max	Y	0.001754	31	3973.93	-1.17	3.05

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 4435?

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
STILT	A.0.9DL-1.5EQY	Combination	Min	Y	0.001892	56	3960.77	13.67	3.05
STILT	B.DL	Combination		Y	0.000154	31	3973.93	-1.17	3.05
STILT	B.DL+LL	Combination		Y	0.000189	31	3973.93	-1.17	3.05
STILT	B.DL+0.8LL+0.8EQX	Combination	Max	X	0.001476	51	3986.94	-7.5	3.05
STILT	B.DL+0.8LL+0.8EQX	Combination	Min	X	0.001297	52	3986.94	-4.15	3.05
STILT	B.DL+0.8LL-0.8EQX	Combination	Max	X	0.001297	5	3957.49	-4.15	3.05
STILT	B.DL+0.8LL-0.8EQX	Combination	Min	X	0.001481	6	3957.49	-7.5	3.05
STILT	B.DL+0.8LL+0.8EQY	Combination	Max	Y	0.001107	56	3960.77	13.67	3.05
STILT	B.DL+0.8LL+0.8EQY	Combination	Min	Y	0.00095	26	3970.78	7.35	3.05
STILT	B.DL+0.8LL-0.8EQY	Combination	Max	Y	0.001043	31	3973.93	-1.17	3.05
STILT	B.DL+0.8LL-0.8EQY	Combination	Min	Y	0.001075	31	3973.93	-1.17	3.05
STILT	B.DL+EQX	Combination	Max	X	0.001843	51	3986.94	-7.5	3.05
STILT	B.DL+EQX	Combination	Min	X	0.001619	52	3986.94	-4.15	3.05
STILT	B.DL-EQX	Combination	Max	X	0.001619	5	3957.49	-4.15	3.05
STILT	B.DL-EQX	Combination	Min	X	0.001849	6	3957.49	-7.5	3.05
STILT	B.DL+EQY	Combination	Max	Y	0.001356	56	3960.77	13.67	3.05
STILT	B.DL+EQY	Combination	Min	Y	0.001148	26	3970.78	7.35	3.05
STILT	B.DL-EQY	Combination	Max	Y	0.001231	31	3973.93	-1.17	3.05
STILT	B.DL-EQY	Combination	Min	Y	0.001271	31	3973.93	-1.17	3.05
STILT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	X	0.00227	51	3986.94	-7.5	3.05
STILT	A.1.2DL+1.2LL+1.2RSX	Combination	Max	Y	0.000594	56	3960.77	13.67	3.05
STILT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	X	0.002277	6	3957.49	-7.5	3.05
STILT	A.1.2DL+1.2LL+1.2RSX	Combination	Min	Y	0.000565	2	3957.49	10.28	3.05
STILT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	X	0.000351	55	3987.51	13.67	3.05
STILT	A.1.2DL+1.2LL+1.2RSY	Combination	Max	Y	0.001558	70	3980.78	13.67	3.05
STILT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	X	0.000344	1	3957.49	13.67	3.05
STILT	A.1.2DL+1.2LL+1.2RSY	Combination	Min	Y	0.001535	31	3973.93	-1.17	3.05
STILT	A.0.9DL+1.5RSX	Combination	Max	X	0.002835	14	3963.92	-7.5	3.05
STILT	A.0.9DL+1.5RSX	Combination	Max	Y	0.000718	5	3957.49	-4.15	3.05
STILT	A.0.9DL+1.5RSX	Combination	Min	X	0.002842	6	3957.49	-7.5	3.05
STILT	A.0.9DL+1.5RSX	Combination	Min	Y	0.000708	2	3957.49	10.28	3.05
STILT	A.0.9DL+1.5RSY	Combination	Max	X	0.000434	55	3987.51	13.67	3.05
STILT	A.0.9DL+1.5RSY	Combination	Max	Y	0.00189	70	3980.78	13.67	3.05
STILT	A.0.9DL+1.5RSY	Combination	Min	X	0.000427	1	3957.49	13.67	3.05
STILT	A.0.9DL+1.5RSY	Combination	Min	Y	0.001777	70	3980.78	13.67	3.05
STILT	A.1.5DL+1.5RSX	Combination	Max	X	0.002837	51	3986.94	-7.5	3.05
STILT	A.1.5DL+1.5RSX	Combination	Max	Y	0.000724	56	3960.77	13.67	3.05
STILT	A.1.5DL+1.5RSX	Combination	Min	X	0.002845	6	3957.49	-7.5	3.05
STILT	A.1.5DL+1.5RSX	Combination	Min	Y	0.000707	2	3957.49	10.28	3.05
STILT	A.1.5DL+1.5RSY	Combination	Max	X	0.000438	55	3987.51	13.67	3.05
STILT	A.1.5DL+1.5RSY	Combination	Max	Y	0.001927	70	3980.78	13.67	3.05
STILT	A.1.5DL+1.5RSY	Combination	Min	X	0.000428	1	3957.49	13.67	3.05
STILT	A.1.5DL+1.5RSY	Combination	Min	Y	0.001866	31	3973.93	-1.17	3.05
STILT	STRENGTH	Combination	Max	X	0.002765	51	3986.94	-7.5	3.05
STILT	STRENGTH	Combination	Max	Y	0.002034	56	3960.77	13.67	3.05

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.5 - Story Drifts (continued)

Story	Output Case	Case Type	Step Type	Direction	Drift	Label	X m	Y m	Z m
STILT	STRENGTH	Combination	Min	X	0.002774	6	3957.49	-7.5	3.05
STILT	STRENGTH	Combination	Min	Y	0.001906	31	3973.93	-1.17	3.05
STILT	SERVICE	Combination	Max	X	0.001891	51	3986.94	-7.5	3.05
STILT	SERVICE	Combination	Max	Y	0.001356	56	3960.77	13.67	3.05
STILT	SERVICE	Combination	Min	X	0.001897	6	3957.49	-7.5	3.05
STILT	SERVICE	Combination	Min	Y	0.001271	31	3973.93	-1.17	3.05
STILT	B.DL+0.8LL+0.8RSX	Combination	Max	X	0.001514	51	3986.94	-7.5	3.05
STILT	B.DL+0.8LL+0.8RSX	Combination	Max	Y	0.000408	56	3960.77	13.67	3.05
STILT	B.DL+0.8LL+0.8RSX	Combination	Min	X	0.001519	6	3957.49	-7.5	3.05
STILT	B.DL+0.8LL+0.8RSX	Combination	Min	Y	0.000376	2	3957.49	10.28	3.05
STILT	B.DL+0.8LL+0.8RSY	Combination	Max	X	0.000235	55	3987.51	13.67	3.05
STILT	B.DL+0.8LL+0.8RSY	Combination	Max	Y	0.001051	70	3980.78	13.67	3.05
STILT	B.DL+0.8LL+0.8RSY	Combination	Min	X	0.00023	1	3957.49	13.67	3.05
STILT	B.DL+0.8LL+0.8RSY	Combination	Min	Y	0.001054	31	3973.93	-1.17	3.05
STILT	B.DL+RSX	Combination	Max	X	0.001891	51	3986.94	-7.5	3.05
STILT	B.DL+RSX	Combination	Max	Y	0.000483	56	3960.77	13.67	3.05
STILT	B.DL+RSX	Combination	Min	X	0.001897	6	3957.49	-7.5	3.05
STILT	B.DL+RSX	Combination	Min	Y	0.000471	2	3957.49	10.28	3.05
STILT	B.DL+RSY	Combination	Max	X	0.000292	55	3987.51	13.67	3.05
STILT	B.DL+RSY	Combination	Max	Y	0.001285	70	3980.78	13.67	3.05
STILT	B.DL+RSY	Combination	Min	X	0.000286	1	3957.49	13.67	3.05
STILT	B.DL+RSY	Combination	Min	Y	0.001244	31	3973.93	-1.17	3.05

Table 4.6 - Story Forces

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
OHT	EQX	LinStatic	Max	Bottom	0	0	0	6.465E-07	0	1.169E-06
OHT	EQX	LinStatic	Min	Bottom	0	0	0	0	0	-1.647E-06
OHT	EQY	LinStatic	Max	Bottom	0	0	0	-1.309E-06	0	-1.171E-05
OHT	EQY	LinStatic	Min	Bottom	0	0	0	-2.122E-06	0	-1.527E-05
OHT	RSX	LinRespSpec	Max	Bottom	0	104.3507	27.2755	107794.8874	40.9133	156.5261
OHT	RSY	LinRespSpec	Max	Bottom	0	12.7919	81.1429	321400.6115	121.7144	19.1878
Terrace	EQX	LinStatic	Max	Bottom	6.981E-06	-682.1228	0	3075.8464	0.0001	-2079.1341
Terrace	EQX	LinStatic	Min	Bottom	5.99E-06	-682.1228	0	1510.3464	4.329E-05	-2079.1381
Terrace	EQY	LinStatic	Max	Bottom	9.879E-06	2.275E-06	-682.1228	-2708636	2079.1102	-0.0343
Terrace	EQY	LinStatic	Min	Bottom	8.625E-06	-2.011E-06	-682.1228	-2710617	2079.1102	-0.0393
Terrace	RSX	LinRespSpec	Max	Bottom	6.008E-06	591.7743	48.5627	191591.9611	184.9988	1954.3834
Terrace	RSY	LinRespSpec	Max	Bottom	7.728E-06	21.0405	551.3525	2189830.7828	1799.1818	59.5192
Fifth Floor	EQX	LinStatic	Max	Bottom	1.321E-05	-1325.5114	5.387E-07	5990.9351	0.0001	-6119.3143
Fifth Floor	EQX	LinStatic	Min	Bottom	1.14E-05	-1325.5114	0	2941.9543	0.0001	-6119.3215
Fifth Floor	EQY	LinStatic	Max	Bottom	1.787E-05	9.663E-06	-1325.5113	-5263509	6119.2688	-0.0619
Fifth Floor	EQY	LinStatic	Min	Bottom	1.557E-05	-9.056E-06	-1325.5113	-5267368	6119.2688	-0.0712

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
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VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.6 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
Fifth Floor	RSX	LinRespSpec	Max	Bottom	1.135E-05	1081.458	72.6966	286785.8302	400.1831	5215.9298
Fifth Floor	RSY	LinRespSpec	Max	Bottom	1.389E-05	48.5941	1043.527	4145640.2631	4957.2617	199.0805
Fourth Floor	EQX	LinStatic	Max	Bottom	2.048E-05	-1772.3285	6.495E-07	8015.3908	0.0002	-11521.3941
Fourth Floor	EQX	LinStatic	Min	Bottom	1.705E-05	-1772.3286	0	3936.1697	0.0001	-11521.4079
Fourth Floor	EQY	LinStatic	Max	Bottom	3.163E-05	1.631E-05	-1772.3285	-7037804	11521.3261	-0.1085
Fourth Floor	EQY	LinStatic	Min	Bottom	2.729E-05	-1.549E-05	-1772.3285	-7042966	11521.326	-0.126
Fourth Floor	RSX	LinRespSpec	Max	Bottom	1.777E-05	1448.964	92.369	364411.975	671.63	9530.2576
Fourth Floor	RSY	LinRespSpec	Max	Bottom	2.47E-05	69.8406	1437.0873	5709573.7485	9266.7182	407.3782
Third Floor	EQX	LinStatic	Max	Bottom	2.448E-05	-2058.3103	7.151E-07	9311.1274	0.0002	-17795.1401
Third Floor	EQX	LinStatic	Min	Bottom	2.112E-05	-2058.3103	0	4572.5092	0.0001	-17795.1537
Third Floor	EQY	LinStatic	Max	Bottom	3.252E-05	2.15E-05	-2058.3102	-8173427	17795.0555	-0.1123
Third Floor	EQY	LinStatic	Min	Bottom	2.826E-05	-2.062E-05	-2058.3102	-8179424	17795.0555	-0.1296
Third Floor	RSX	LinRespSpec	Max	Bottom	2.098E-05	1739.3049	108.5008	428056.8066	987.1093	14613.9781
Third Floor	RSY	LinRespSpec	Max	Bottom	2.544E-05	86.0491	1756.5496	6979035.9495	14473.8634	660.3207
Second Floor	EQX	LinStatic	Max	Bottom	3.047E-05	-2219.1926	7.89E-07	10040.0587	0.0002	-24559.2578
Second Floor	EQX	LinStatic	Min	Bottom	2.581E-05	-2219.1927	0	4930.4893	0.0002	-24559.2767
Second Floor	EQY	LinStatic	Max	Bottom	4.332E-05	2.565E-05	-2219.1925	-8812285	24559.1544	-0.1487
Second Floor	EQY	LinStatic	Min	Bottom	3.743E-05	-2.481E-05	-2219.1925	-8818752	24559.1543	-0.1727
Second Floor	RSX	LinRespSpec	Max	Bottom	2.63E-05	1992.0527	122.826	484597.6469	1339.2209	20321.4262
Second Floor	RSY	LinRespSpec	Max	Bottom	3.43E-05	99.7518	2024.9928	8045738.396	20403.3027	947.534
FIRST FLOOR	EQX	LinStatic	Max	Bottom	3.523E-05	-2295.8247	8.079E-07	10385.8576	0.0003	-31561.5366
FIRST FLOOR	EQX	LinStatic	Min	Bottom	2.918E-05	-2295.8247	0	5099.2744	0.0002	-31561.5612
FIRST FLOOR	EQY	LinStatic	Max	Bottom	0.0001	2.339E-05	-2295.8246	-9116588	31561.4196	-0.1815
FIRST FLOOR	EQY	LinStatic	Min	Bottom	4.568E-05	-2.234E-05	-2295.8246	-9123279	31561.4195	-0.2126
FIRST FLOOR	RSX	LinRespSpec	Max	Bottom	3.077E-05	2228.6936	135.8754	536149.0318	1725.0352	26613.3256
FIRST FLOOR	RSY	LinRespSpec	Max	Bottom	4.292E-05	112.3752	2259.804	8978765.3423	26956.9544	1266.1559
STILT	EQX	LinStatic	Max	Bottom	3.523E-05	-2303.0643	8.079E-07	10409.3944	0.0003	-38581.2765
STILT	EQX	LinStatic	Min	Bottom	2.918E-05	-2303.0643	0	5122.8111	0.0002	-38581.3012
STILT	EQY	LinStatic	Max	Bottom	0.0001	2.339E-05	-2303.0642	-9145348	38581.1592	-0.1814
STILT	EQY	LinStatic	Min	Bottom	4.568E-05	-2.234E-05	-2303.0642	-9152039	38581.1592	-0.2127
STILT	RSX	LinRespSpec	Max	Bottom	3.077E-05	2277.2706	138.1877	545277.6322	2125.7087	33188.4387

S. Senthil Kumar.

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.6 - Story Forces (continued)

Story	Output Case	Case Type	Step Type	Location	P kN	VX kN	VY kN	T kN-m	MX kN-m	MY kN-m
STILT	RSY	LinRespSpec	Max	Bottom	4.292E-05	114.6734	2302.4616	9148281.2215	33733.7262	1598.9117

4.3 Modal Results

Table 4.7 - Modal Periods And Frequencies

Case	Mode	Period sec	Frequency cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
MODAL	1	1.345	0.744	4.6728	21.835
MODAL	2	1.164	0.859	5.3987	29.146
MODAL	3	1.094	0.914	5.741	32.9594
MODAL	4	0.437	2.291	14.3944	207.1996
MODAL	5	0.369	2.706	17.0051	289.1749
MODAL	6	0.346	2.894	18.1846	330.6807
MODAL	7	0.246	4.064	25.5371	652.1444
MODAL	8	0.2	5.002	31.4275	987.6905
MODAL	9	0.184	5.444	34.2035	1169.8802
MODAL	10	0.167	6.006	37.7348	1423.9172
MODAL	11	0.132	7.584	47.6541	2270.9175
MODAL	12	0.126	7.917	49.741	2474.1627
MODAL	13	0.118	8.44	53.0284	2812.0128
MODAL	14	0.112	8.904	55.9461	3129.9626
MODAL	15	0.111	8.97	56.362	3176.6703
MODAL	16	0.108	9.274	58.2712	3395.5371
MODAL	17	0.106	9.39	59.0002	3481.028
MODAL	18	0.098	10.253	64.4199	4149.9214

Table 4.8 - Modal Participating Mass Ratios (Part 1 of 2)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
MODAL	1	1.345	0.8333	0.0005	0	0.8333	0.0005	0	0.0004	0.1258	0.0452
MODAL	2	1.164	0.0432	0.1042	0	0.8765	0.1047	0	0.0273	0.0029	0.7294
MODAL	3	1.094	0.0027	0.7766	0	0.8792	0.8813	0	0.1008	0.0001	0.1027
MODAL	4	0.437	0.0773	0.0001	0	0.9565	0.8814	0	0.0004	0.6912	0.004
MODAL	5	0.369	0.0038	0.0108	0	0.9602	0.8922	0	0.0941	0.03	0.0666
MODAL	6	0.346	0.0003	0.0694	0	0.9605	0.9616	0	0.6289	0.002	0.0095
MODAL	7	0.246	0.0172	4.957E-06	0	0.9777	0.9616	0	3.103E-05	0.0373	0.0009
MODAL	8	0.2	0.0009	0.0012	0	0.9786	0.9628	0	0.0033	0.0027	0.0165
MODAL	9	0.184	0.0001	0.0148	0	0.9787	0.9776	0	0.0365	0.0002	0.0012
MODAL	10	0.167	0.006	2.016E-06	0	0.9847	0.9776	0	9.21E-06	0.0424	0.0006
MODAL	11	0.132	0.001	0.0002	0	0.9857	0.9778	0	0.001	0.0043	0.0062
MODAL	12	0.126	0.0027	0.0002	0	0.9884	0.978	0	0.0013	0.0086	0.0017
MODAL	13	0.118	0.0001	0.0054	0	0.9885	0.9834	0	0.0364	0.0006	0.0005
MODAL	14	0.112	0.0011	0.0002	0	0.9897	0.9836	0	0.0012	0.0061	0.0006
MODAL	15	0.111	0.0021	3.982E-05	0	0.9918	0.9836	0	0.0002	0.0098	0.0005
MODAL	16	0.108	7.659E-06	1.804E-05	0	0.9918	0.9836	0	0.0001	4.143E-05	0.0001

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.8 - Modal Participating Mass Ratios (Part 1 of 2, continued)

Case	Mode	Period sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY	RZ
MODAL	17	0.106	0.0005	3.811E-05	0	0.9922	0.9836	0	0.0002	0.0022	8.504E-07
MODAL	18	0.098	0.0006	6.307E-06	0	0.9928	0.9837	0	2.615E-05	0.0031	0.0001

Table 4.8 - Modal Participating Mass Ratios (Part 2 of 2)

Case	Mode	SumRX	SumRY	SumRZ
MODAL	1	0.0004	0.1258	0.0452
MODAL	2	0.0277	0.1287	0.7746
MODAL	3	0.1285	0.1288	0.8774
MODAL	4	0.1289	0.82	0.8813
MODAL	5	0.223	0.85	0.9479
MODAL	6	0.852	0.852	0.9575
MODAL	7	0.852	0.8894	0.9584
MODAL	8	0.8553	0.8921	0.9749
MODAL	9	0.8918	0.8923	0.9761
MODAL	10	0.8918	0.9347	0.9767
MODAL	11	0.8928	0.939	0.9829
MODAL	12	0.8941	0.9476	0.9846
MODAL	13	0.9305	0.9482	0.9851
MODAL	14	0.9317	0.9543	0.9857
MODAL	15	0.9319	0.9641	0.9862
MODAL	16	0.932	0.9641	0.9863
MODAL	17	0.9323	0.9663	0.9863
MODAL	18	0.9323	0.9694	0.9864

Table 4.9 - Modal Load Participation Ratios

Case	ItemType	Item	Static %	Dynamic %
MODAL	Acceleration	UX	100	99.28
MODAL	Acceleration	UY	99.99	98.37
MODAL	Acceleration	UZ	0	0

Table 4.10 - Modal Direction Factors

Case	Mode	Period sec	UX	UY	UZ	RZ	UX*	UY*	UZ*	RZ*
MODAL	1	1.345	0.951	0.003	0	0.046	0.948	0.001	0	0.051
MODAL	2	1.164	0.061	0.158	0	0.781	0.049	0.119	0	0.832
MODAL	3	1.094	0.005	0.878	0	0.117	0.003	0.88	0	0.116
MODAL	4	0.437	0.956	0.002	0	0.042	0.95	0.001	0	0.049
MODAL	5	0.369	0.059	0.172	0	0.769	0.046	0.133	0	0.82
MODAL	6	0.346	0.006	0.868	0	0.126	0.003	0.876	0	0.12
MODAL	7	0.246	0.961	0.001	0	0.038	0.947	0	0	0.052
MODAL	8	0.2	0.066	0.117	0	0.817	0.049	0.065	0	0.886
MODAL	9	0.184	0.008	0.923	0	0.07	0.003	0.925	0	0.072
MODAL	10	0.167	0.95	0	0	0.049	0.907	0	0	0.092
MODAL	11	0.132	0.246	0.06	0	0.694	0.135	0.025	0	0.841

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
VINAYAGAR KOVIL STREET,
SWARNAPURI, SALEM - 636 004.
PH: 0427-4040952, MOB: 98427 44352

Table 4.10 - Modal Direction Factors (continued)

Case	Mode	Period sec	UX	UY	UZ	RZ	UX*	UY*	UZ*	RZ*
MODAL	12	0.126	0.787	0.049	0	0.164	0.587	0.043	0	0.37
MODAL	13	0.118	0.05	0.902	0	0.048	0.024	0.893	0	0.083
MODAL	14	0.112	0.512	0.099	0	0.389	0.594	0.097	0	0.309
MODAL	15	0.111	0.93	0.015	0	0.055	0.787	0.015	0	0.198
MODAL	16	0.108	0.584	0.015	0	0.401	0.099	0.233	0	0.669
MODAL	17	0.106	0.913	0.025	0	0.062	0.923	0.075	0	0.002
MODAL	18	0.098	0.918	0.003	0	0.08	0.865	0.009	0	0.126

Er. S.K. SENTHIL KUMAR, B.E.,F.I.V.,
STRUCTURAL ENGINEER GRADE-II
REG. NO: 04/2022
CHOLA BUILDERS
25/1, 1st FLOOR,
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What land actually changed hands for around this plot, taken from the registered deeds.
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What you are allowed to build here: floor space, height, coverage and setbacks.
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- Court case search
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- Approval check by survey

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What it is worth and what it costs to register.

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

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What the plan says can happen on this land.

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- CMDA land use check
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- Master plan check
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Chennai 600 097, India
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