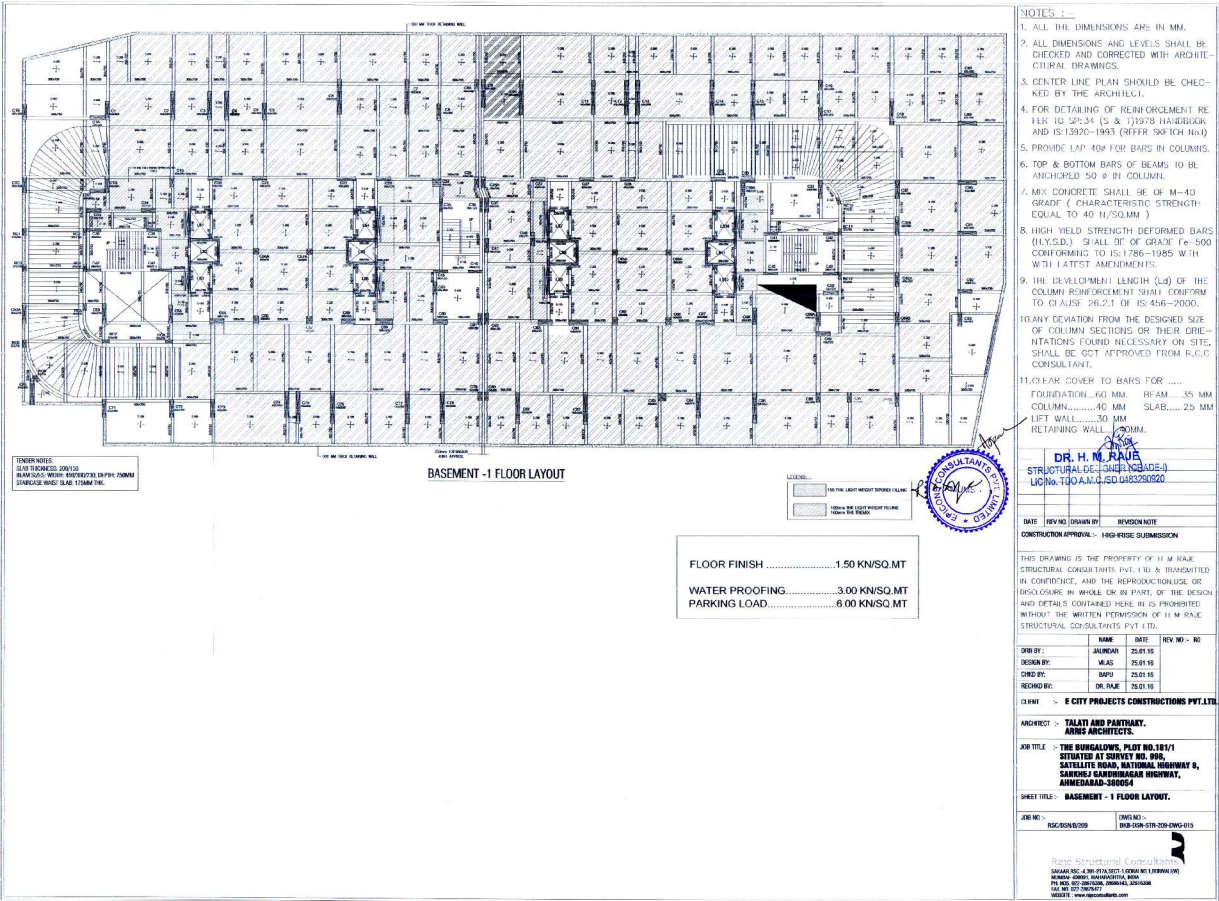
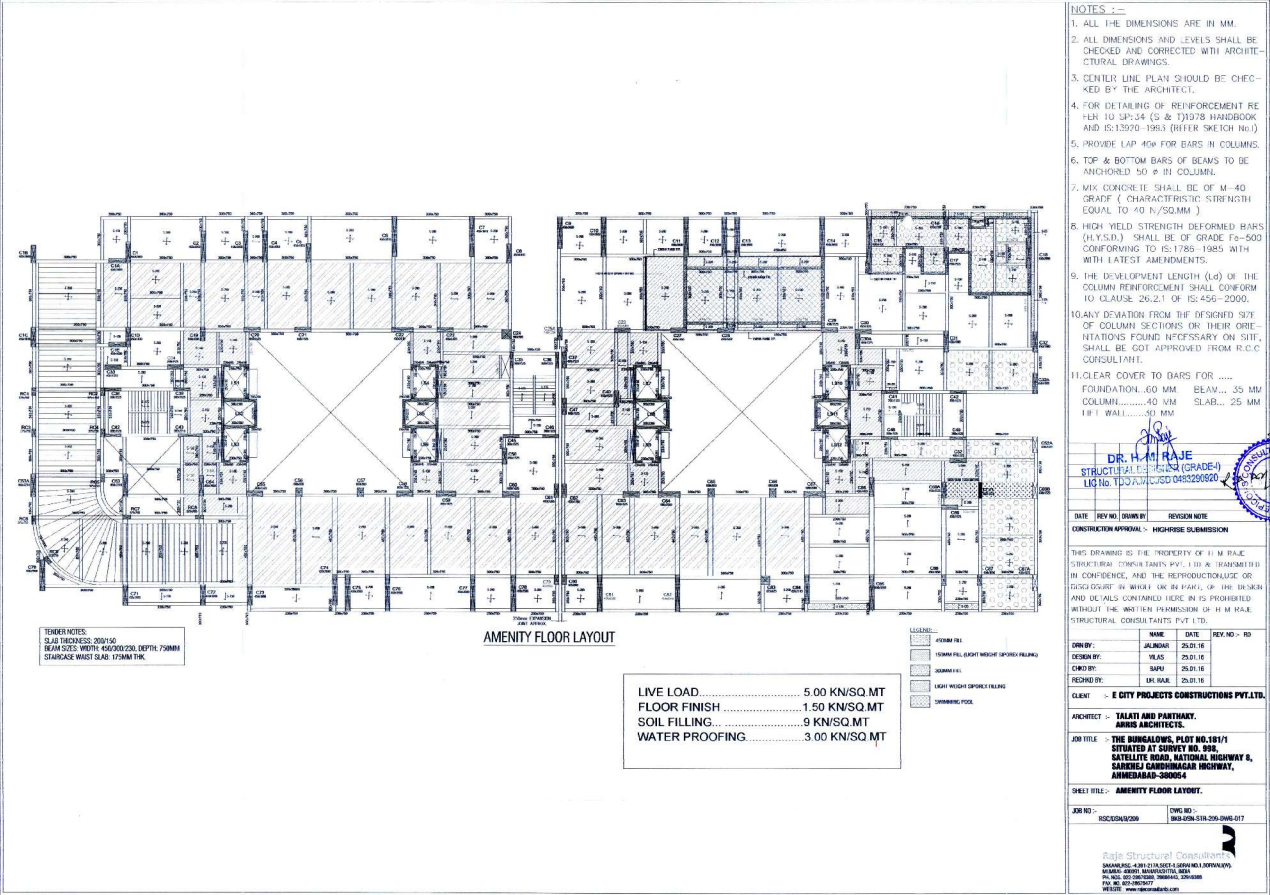


[illegible]





NOTES :-

1. ALL THE DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS AND LEVELS SHALL BE CHECKED AND CORRECTED WITH ARCHITECTURAL DRAWINGS.
3. CENTER LINE PLAN SHOULD BE CHECKED BY THE ARCHITECT.
4. FOR DETAILING OF REINFORCEMENT REFER TO SP-34 (S & T) 1978 HANDBOOK AND IS:13920-1983 (REFER SKETCH NO.1)
5. PROVIDE LAP 45D FOR BARS IN COLUMNS.
6. TOP & BOTTOM BARS OF BEAMS TO BE ANCHORED 50 Ø IN COLUMNS.
7. MIX CONCRETE SHALL BE OF M-40 GRADE (CHARACTERISTIC STRENGTH EQUAL TO 40 N/50MM)
8. HIGH YIELD STRENGTH DEFORMED BARS (H.Y.S.D.) SHALL BE OF GRADE Fe-500 CONFORMING TO IS:1785-1985 WITH LATEST AMENDMENTS.
9. THE DEVELOPMENT LENGTH (Ld) OF THE COLUMN REINFORCEMENT SHALL CONFORM TO CLAUSE 26.2.1 OF IS:456-2000.
10. ANY DEVIATION FROM THE DESIGNED SIZE OF COLUMN SECTIONS OR THEIR ORIENTATIONS FOUND NECESSARY ON SITE, SHALL BE GOT APPROVED FROM R.C.C CONSULTANT.
11. CLEAR COVER TO BARS FOR
FOUNDATION.....60 MM BEAM.....35 MM
COLUMN.....40 MM SLAB.....25 MM
1st F. WALL.....50 MM

DR. H. M. RAJE
STRUCTURAL ENGINEER (GRADE II)
LIC No. 130747-SSC-04529920

DATE: 25.01.18 REVISION: 01

CONSTRUCTION APPROVAL: HIGHRISE SUBMISSION

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DATE	REV. NO.	REV. NO.	REV. NO.
25.01.18	01		

CLIENT: E CITY PROJECTS CONSTRUCTIONS PVT. LTD.

ARCHITECT: TALATI AND PARTNARY, ARSIS ARCHITECTS.

JOB TITLE: THE BUNGALOWS, PLOT NO.181/1, SITUATED AT CORNER NO. 508, SATELLITE ROAD, NATIONAL HIGHWAY 6, AHMEDABAD-380054

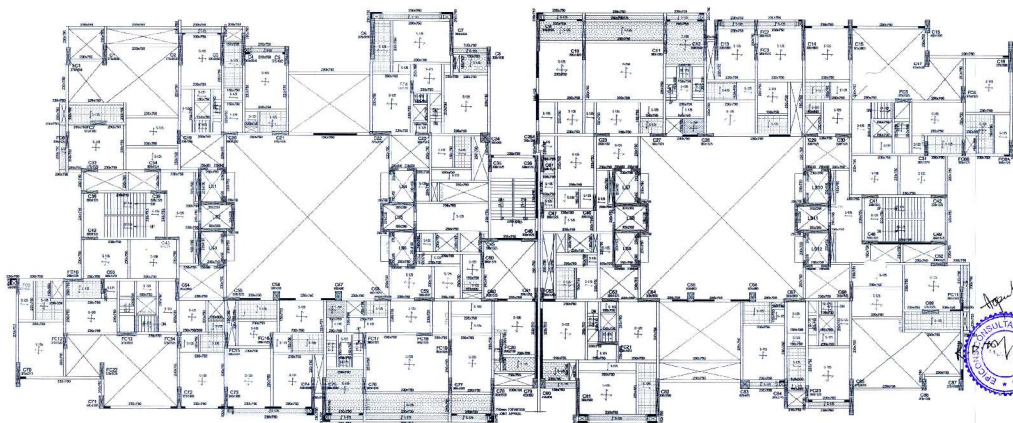
SHEET TITLE: AMENITY FLOOR LAYOUT.

JOB NO: HSC004/2018 CWS NO: 989-028-578-578-2018-017

Raja Structural Consultants
CHANGING AN INDEPENDENT CONSULTANCY
BANGALORE, KARNATAKA, INDIA
P.O. BOX 202, CHANGAL, BANGALORE, KARNATAKA
INDIA. 560001
PHONE: 989-028-578-578
WEBSITE: www.rajastuct.com

LEGEND:—
 300NM SUNK
 200NM SUNK
 210NM SUNK
 210NM SUNK
 150NM HPL
 PC INTRILL

SMAAR, INC. 4-361-2179, EXT. 1, 60941 RD 1, BOWEN, WA
NUNDA-40001: 504-445-0774, NUNDA
PH. 813, 813-2867600, 2867643, 28676300
FAX. 813, 813-2867647
WWW.813: www.smaar.com



PENTHOUSE LOWER LEVEL (14th FLOOR)

- | | |
|--------------------------------|----------------|
| LIVE LOAD..... | 2.00 KN/SQ.MT |
| LIVE LOAD ON DECK..... | 3.00 KN/SQ.MT |
| LIVE LOAD (HALL)..... | 3.00 KN/SQ.MT |
| LIVE LOAD ON LOBBY..... | 3.00 KN/SQ.MT |
| FLOOR FINISH..... | 1.50 KN/SQ.MT |
| FLOOR FINISH ON STAIRCASE..... | 3.50 KN/SQ.MT |
| TOTAL LOAD INTERNAL LIFT..... | 13.10 KN/SQ.MT |
| SOIL FILLING..... | 9.00 KN/SQ.MT |
| WATER PROOFING..... | 3.00 KN/SQ.MT |
| SUNK 200MM (TOILET)..... | 4.00 KN/SQ.MT |
| SUNK 200MM (DECK)..... | 4.00 KN/SQ.MT |
| SUNK 200MM (DRY BALCONY)..... | 4.00 KN/SQ.MT |
| SUNK 450MM (FLOWER BED)..... | 6.00 KN/SQ.MT |

|| NOTES :-

1. ALL THE DIMENSIONS ARE IN MM.
2. ALL DIMENSIONS AND LENGTHS SHALL BE CHECKED AND CORRECTED WITH ARCHITECTURAL DRAWINGS.
3. CENTER LINE PLAN SHOULD BE CHECKED BY THE ARCHITECT.
4. FOR DETAILING OF REINFORCEMENT SEE IS 17920-1973 (PART 1) AND IS 17920-1993 (PART 2) AND IS 17920-1993 (PART 3) (REFER SPECTRA No 1)
5. PROVIDE LAP FOR BARS IN COLUMNS.
6. TOP & BOTTOM BARS OF BEAMS TO BE ANCHORED 50 ϕ IN COLUMN.
7. MIX CONCRETE SHALL BE OF M-30 GRADE (CHARACTERISTIC STRENGTH f_{ck} = 30 N/mm² TO IS 456-1978)
8. HIGH YIELD STRENGTH DEFORMED BARS (HYSD-2) SHALL BE OF GRADE Fe-500 CONFORMING TO IS 1786-1985 WITH WELDED JOINTS AND ANCHORS.
9. THE DEVELOPMENT LENGTH (l_d) OF THE COLUMN REINFORCEMENT SHALL CONFORM TO CLAUSE 26.2.1 OF IS 456-2000.
10. ANY DEVIATION FROM THE DESIGNED SIZE OF COLUMN SECTIONS OR THEIR ORIENTATION AND DIMENSIONS NECESSARY ON SITE, SHALL BE GOT APPROVED FROM P.R.C CONSULTANT.
11. CLEAR COVER TO BARS FOR ----
- FOUNDATION.....60 MM BEAMS..... 35 MM
- SLAB.....40 MM SLABS..... 25 MM
- UT WALL.....30 MM

DR. H. M. RAJE
STRUCTURAL ENGINEER (GRADE-I)
LIC No. TPO/AM/ASE/048329/020

DATE	REV NO.	DRAWN BY	REVISION NOTE
CONSTRUCTION APPROVAL - HIGHWAY SUBMITTAL			

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STRUCTURAL CONSULTANTS PVT. LTD.

	NAME	DATE	REV. NO > 00
DRAWN BY:	JALINDAR	25.01.16	
DESIGN BY:	VILAS	25.01.16	
CHECK BY:	BAJU	25.01.16	
APPROVED BY:	DR. RAJE	25.01.16	

CLIENT	E CITY PROJECTS CONSTRUCTIONS PVT.LTD.
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ARCHITECT 24 TALATI AND PANTHAKY,
ARRIS ARCHITECTS.

JOB TITLE : THE BUNGALOWS, PLOT NO.181/1
SITUATED AT SURVEY NO. 998,
SATELLITE ROAD, NATIONAL HIGHWAY 8,
SARKHEJ GANDRINAGAR HIGHWAY,
AHMEDABAD-380054

SHEET TITLE : **PENTHOUSE LOWER LEVEL (14th FLOOR)**

JOB NO :- RSC/DSN/B/200	DWG NO :- ENB-DSN-STR-200-DWG-021
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Raje Structural Consultants
SAVAN, RESC-4, 281-2774, SECT-1, GORING NO. 1, BORMAL, WY.
RENU-4, 40001, MAHARAJA, INDIA
PH. NO. 022-2867688, 2868443, 3291338
FAX NO. 022-2867677

LIVE LOAD.....	2.00 KN/SQ.MT
LIVE LOAD ON DECK.....	3.00 KN/SQ.MT
LIVE LOAD (HALL).....	3.00 KN/SQ.MT
LIVE LOAD ON LOBBY.....	3.00 KN/SQ.MT
FLOOR FINISH.....	1.50 KN/SQ.MT
FLOOR FINISH ON STAIRCASE.....	3.50 KN/SQ.MT
TOTAL LOAD INTERNAL LIFT.....	13.10 KN/SQ.MT
SOIL FILLING.....	9.00 KN/SQ.MT
WATER PROOFING.....	3.00 KN/SQ.MT
SUNK 200MM (TOILET).....	4.00 KN/SQ.MT
SUNK 200MM (DECK).....	4.00 KN/SQ.MT
SUNK 200MM (DRY BALCONY).....	4.00 KN/SQ.MT
SUNK 450MM (FLOWER BED).....	6.00 KN/SQ.MT

LEGEND:-

- 150MM SLINK
- 200MM SLINK
- 150MM FILL
- 150MM T4K RC INCL NW

7. ALL THE DIMENSIONS ARE IN MM.
8. ALL DIMENSIONS AND LEVELS SHALL BE CHECKED AND CORRECTED WITH ARCHITECT'S APPROVAL.
9. CENTER LINE PLAN SHALL BE CHECKED BY F-1 ARCHITECT.
10. FOR DETAILING OF REINFORCEMENT REFER TO SP:34 (C & 1979) HANDBOOK FOR REINFORCEMENT DETAILING (IS: 456-1985).
11. PROVIDE LIP 400 FOR BARS IN COLUMNS.
12. TOP & BOTTOM BARS OF BEAMS TO BE 100X50 10 @ 100 IN COLUMNS.
13. MIN. CONCRETE SLAB SHALL BE OF M-50 GRADE (CHARACTERISTIC STRENGTH = 50 N/MM² IS: 456-1985).
14. HIGH YIELD STRENGTH DEFORMED BARS (Y.S.D.) SHALL BE OF GRADE: F-450 CONFORMING TO IS:1786-1985 WITH MINIMUM ELONGATION 14%.
15. THE DEVELOPMENT LENGTH (L_d) OF THE COLUMN REINFORCEMENT SHALL CONFORM TO CLAUSE 26.2.1 OF IS:456-2000.
16. GROUT DEVIATION FROM F-1 DESIGNER'S SPECIFICATION SHALL BE 10%.
17. INITIAL TOWNING NECESSARY ON SITE, SHALL BE 50T APPROVED FROM R.C.C. DIVISION.
18. CLEAR COVERAGE TO BARS FOR FOUNDATION: 40 MM. BEAMS: 25 MM. COLUMNS: 40 MM. SLAB: 35 MM. WITH SLAB.

DR. H. M. RAJE
STRUCTURAL ENGINEER (GRADE-I)
LIC No. TDQA/MC/SD 0483290920

DATE	REV NO.	DRAWN BY	REVISION NOTE
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	NAME	DATE	REV. NO. :- 00
DRAWN BY :	JALINDHAR	25.01.16	
DESIGN BY :	VILAS	25.01.16	
CHECK BY :	SAPU	25.01.16	
BY CHECK BY :	DR. RAJ	26.01.16	

CLIENT :-	E CITY PROJECTS CONSTRUCTIONS PVT.LTD
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ARCHITECT > TALATI AND PANTHAKY, ABBAS, ARCHITECTS

JOB TITLE : THE BUNGALOWS, PLOT NO.181/1
SITUATED AT SURVEY NO. 998,
SATELLITE ROAD, NATIONAL HIGHWAY 8,
SARKHEJ GANDHINAGAR HIGHWAY,
AHMEDABAD-380054

SHEET TITLE: **PENTHOUSE UPPER LEVEL (15th FLOOR)**

JOB NO :- HSC/USNTV/209	DWG NO :- RNB-DGN-STR-209-DWG-022
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Raje Structural Consultants
SAKARUJEE-4780-917A, SECT-1, GOWAN NO.7, BOIRAKULI,
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