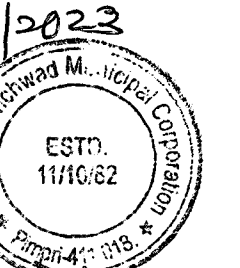


MECHANICAL VENTILATION FOR TOILET

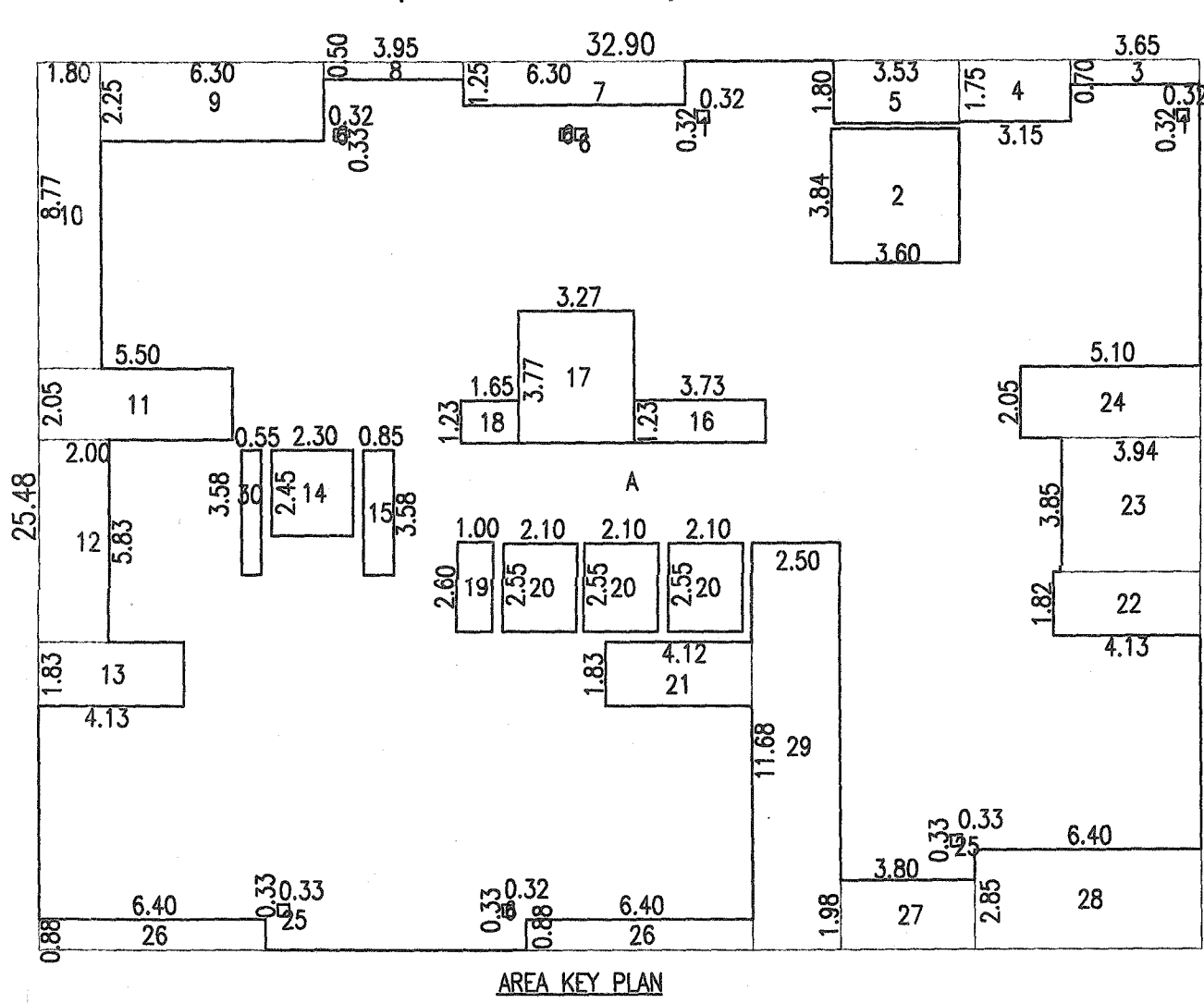
Sanctioned No. B.P./Tathawade/73/2023
 Subject to conditions mentioned in the
 Office Order No.
 avsn dated 03/08/2023
 Pimpri
 Date: 03/08/2023



O. C. Signed by
 City Engineer

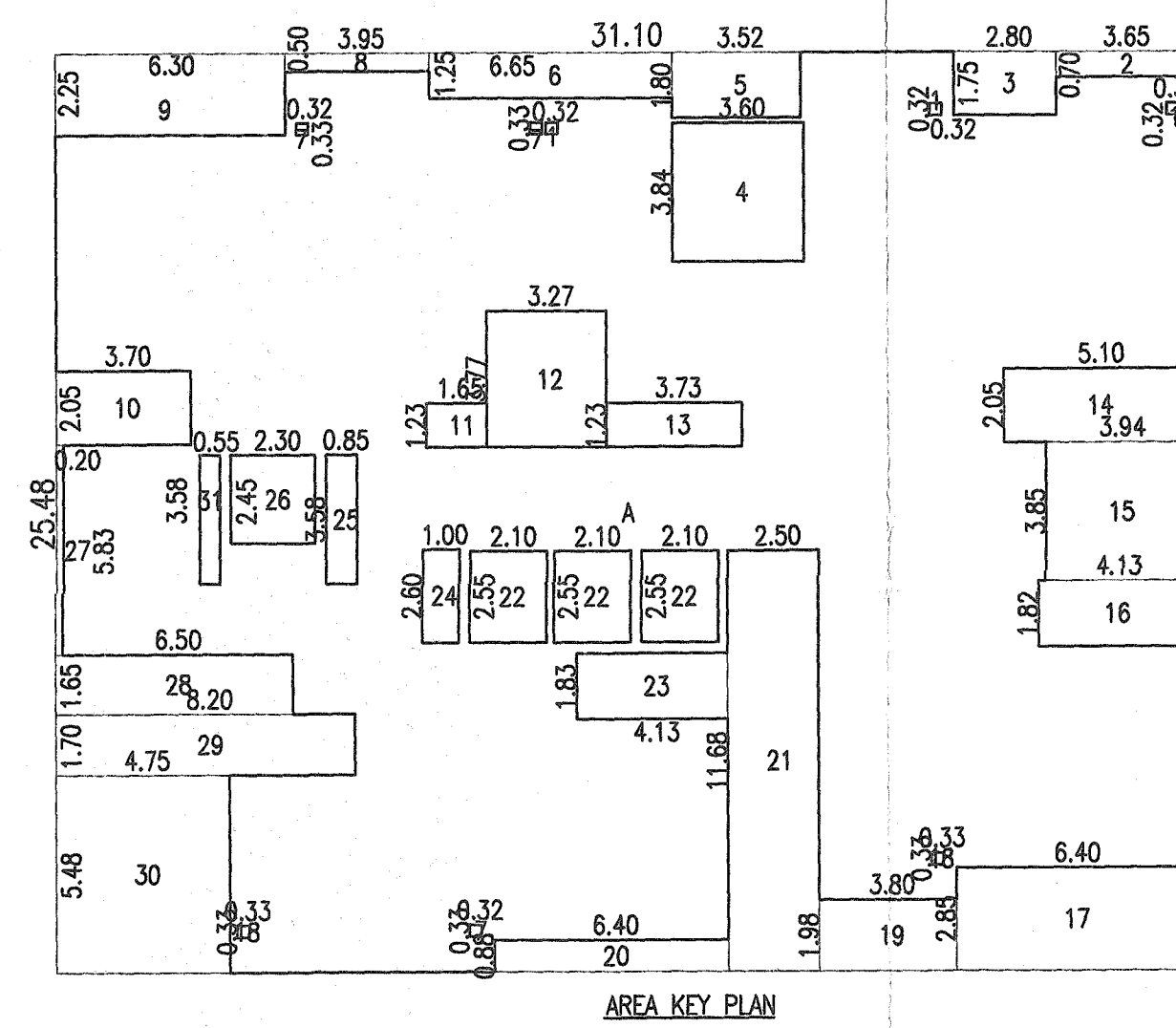
City Engineer
 Building Permission Dept.
 P.M.C., Pimpri, Pune-18.

TYPICAL FLOOR = (EVEN FLOORS)



AREA CALCULATIONS
 A) 32.80x2.83 25.48 = 838.29 SQ.M.
 DEDUCTIONS
 1. 0.32 X 0.32 X 2 = 0.20 SQ.M.
 2. 3.60x2.15 3.84 X 1 = 13.82 SQ.M.
 3. 3.65 X 0.70 X 1 = 2.56 SQ.M.
 4. 3.15x3.85 1.75 X 1 = 5.51 SQ.M.
 5. 3.53 X 1.80 X 1 = 6.35 SQ.M.
 6. 0.32 X 0.33 X 4 = 0.42 SQ.M.
 7. 6.30 X 1.25 X 1 = 7.88 SQ.M.
 8. 3.95 X 0.50 X 1 = 1.98 SQ.M.
 9. 6.30 X 2.25 X 1 = 14.18 SQ.M.
 10. 1.80 X 8.77 X 1 = 15.79 SQ.M.
 11. 5.50 X 2.05 X 1 = 11.28 SQ.M.
 12. 2.00 X 5.83 X 1 = 11.66 SQ.M.
 13. 4.13 X 1.83 X 1 = 7.56 SQ.M.
 14. 2.30 X 2.45 X 1 = 5.64 SQ.M.
 15. 0.85 X 3.58 X 1 = 3.04 SQ.M.
 16. 3.73 X 1.23 X 1 = 4.59 SQ.M.
 17. 3.27 X 3.77 X 1 = 12.33 SQ.M.
 18. 1.65x1.33 1.23 X 1 = 2.03 SQ.M.
 19. 1.00 X 2.60 X 1 = 2.60 SQ.M.
 20. 2.10 X 2.55 X 3 = 16.07 SQ.M.
 21. 4.12 X 1.83 X 1 = 7.54 SQ.M.
 22. 4.13 X 1.82 X 1 = 7.52 SQ.M.
 23. 3.94 X 3.85 X 1 = 15.17 SQ.M.
 24. 5.10 X 2.05 X 1 = 10.46 SQ.M.
 25. 0.33 X 0.33 X 2 = 0.22 SQ.M.
 26. 6.40 X 0.88 X 2 = 11.26 SQ.M.
 27. 3.80 X 1.98 X 1 = 7.52 SQ.M.
 28. 6.40 X 2.85 X 1 = 18.24 SQ.M.
 29. 2.50 X 11.68 X 1 = 29.20 SQ.M.
 30. 0.55 X 3.58 X 1 = 1.97 SQ.M.
 TOTAL = 256.70 SQ.M.
 NET AREA 838.29-256.70 = 583.70 SQ.M.

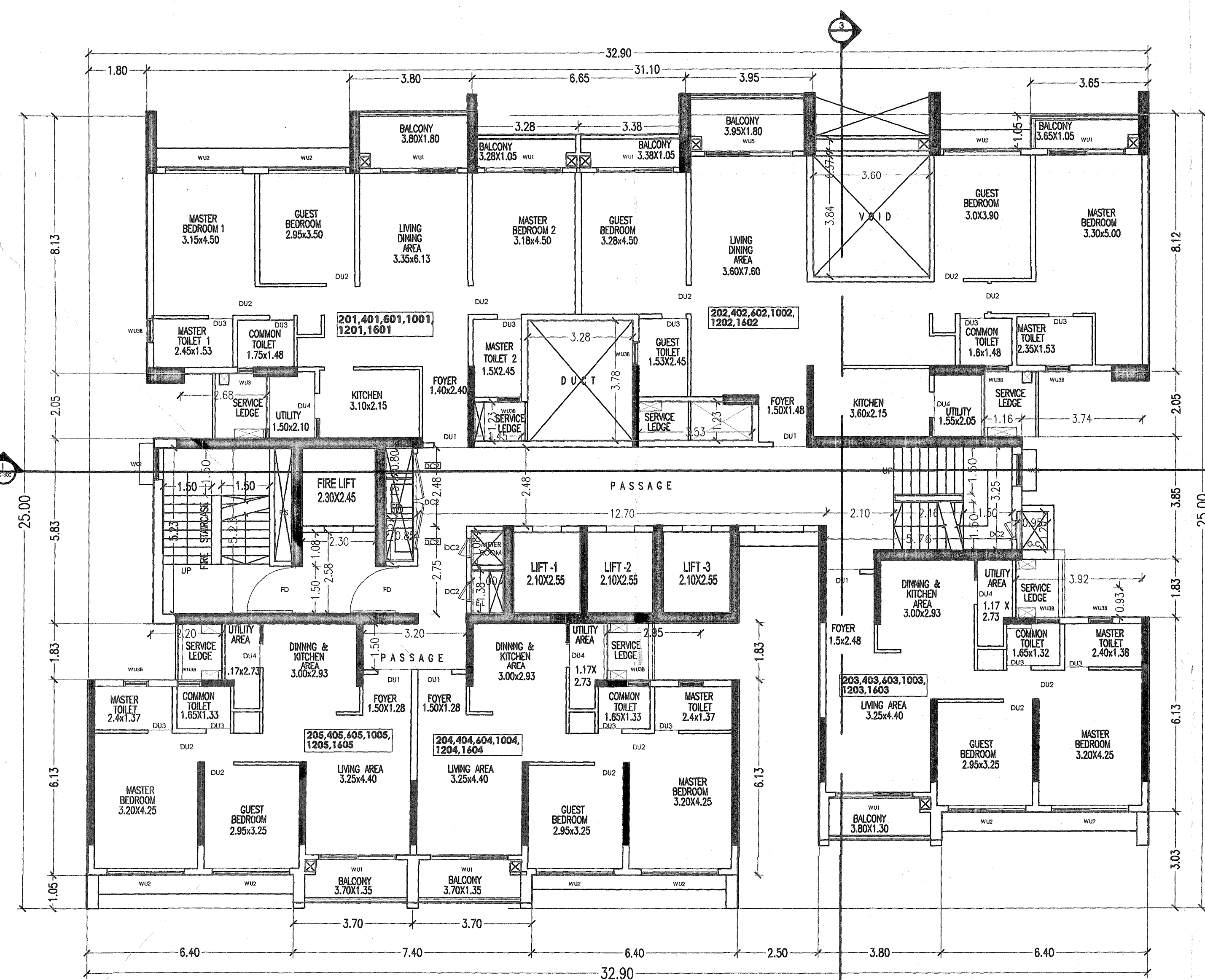
REFUGE FLOOR PLAN @ LEVEL 3, 8 & 18



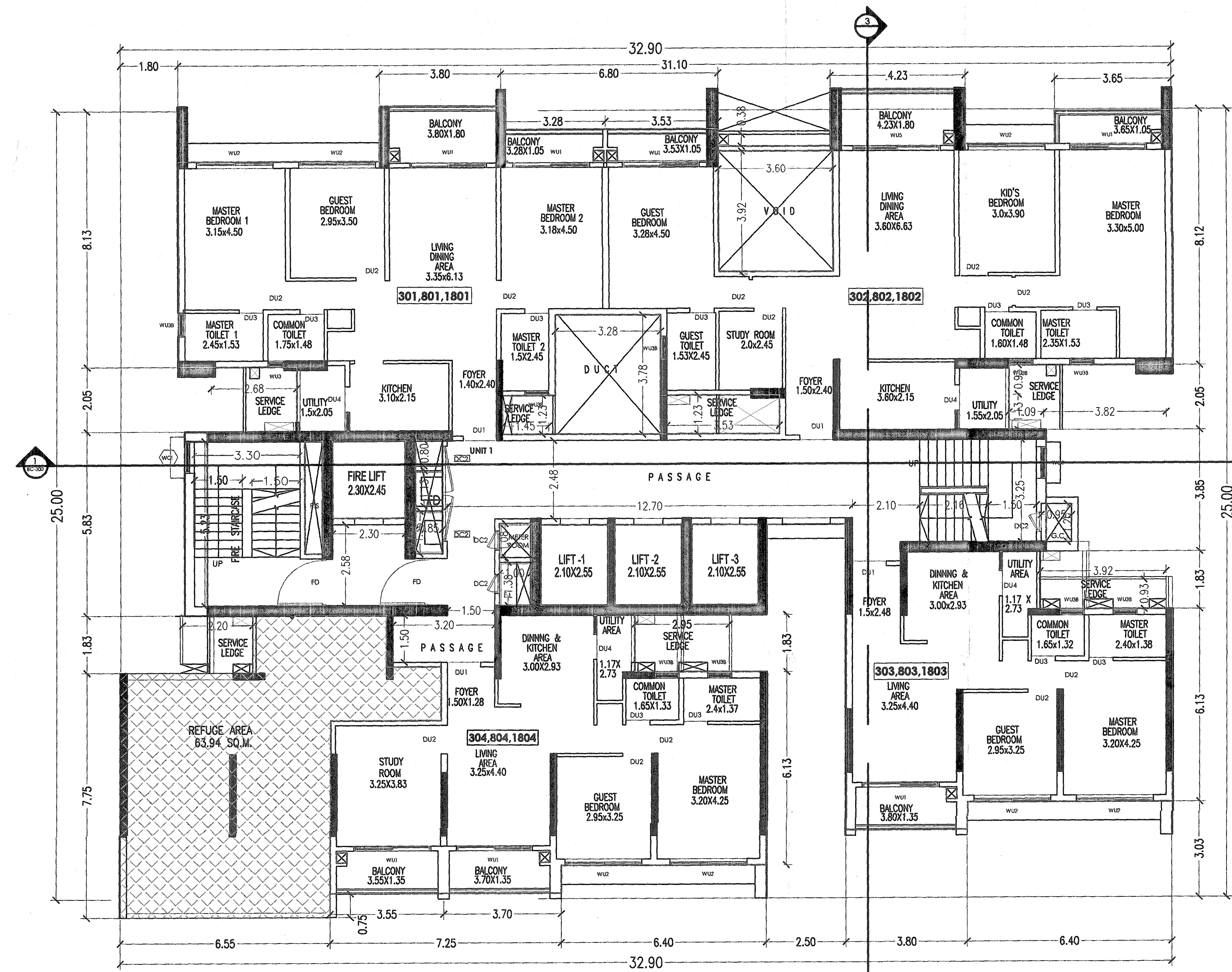
AREA CALCULATIONS
 A) 31.10 X 25.48 = 792.43 SQ.M.
 DEDUCTIONS
 1. 0.32 X 0.32 X 3 = 0.31 SQ.M.
 2. 3.65 X 0.70 X 1 = 2.56 SQ.M.
 3. 2.80 X 1.75 X 1 = 4.90 SQ.M.
 4. 3.60x2.15 3.84 X 1 = 13.82 SQ.M.
 5. 3.52 X 1.80 X 1 = 6.34 SQ.M.
 6. 6.65 X 1.25 X 1 = 8.31 SQ.M.
 7. 0.32 X 0.33 X 3 = 0.32 SQ.M.
 8. 3.95 X 0.50 X 1 = 1.98 SQ.M.
 9. 6.30 X 2.25 X 1 = 14.18 SQ.M.
 10. 3.70 X 2.05 X 1 = 7.59 SQ.M.
 11. 1.65x1.33 1.23 X 1 = 2.03 SQ.M.
 12. 3.27 X 3.77 X 1 = 12.33 SQ.M.
 13. 3.73 X 1.23 X 1 = 4.59 SQ.M.
 14. 5.10 X 2.05 X 1 = 10.46 SQ.M.
 15. 3.94 X 3.85 X 1 = 15.17 SQ.M.
 16. 4.13 X 1.82 X 1 = 7.52 SQ.M.
 17. 6.40 X 2.85 X 1 = 18.24 SQ.M.
 18. 0.33 X 0.33 X 2 = 0.22 SQ.M.
 19. 3.80 X 1.98 X 1 = 7.52 SQ.M.
 20. 6.40 X 0.88 X 1 = 5.63 SQ.M.
 21. 2.50 X 11.68 X 1 = 29.20 SQ.M.
 22. 2.10 X 2.55 X 3 = 16.07 SQ.M.
 23. 4.13 X 1.83 X 1 = 7.56 SQ.M.
 24. 1.00 X 2.60 X 1 = 2.60 SQ.M.
 25. 0.85 X 3.58 X 1 = 3.04 SQ.M.
 26. 2.30 X 2.45 X 1 = 5.64 SQ.M.
 27. 0.20 X 5.83 X 1 = 1.17 SQ.M.
 28. 6.50 X 1.65x1.33 1 = 10.73 SQ.M.
 29. 8.20 X 1.70 X 1 = 13.94 SQ.M.
 30. 4.75 X 5.48 X 1 = 26.03 SQ.M.
 31. 0.55 X 3.58 X 1 = 1.97 SQ.M.
 TOTAL = 261.97 SQ.M.
 NET AREA 792.43-261.97 = 530.46 SQ.M.

TYPICAL 3RD,8TH,18TH REFUGEFLOOR =
REFUGE AREA STATEMENT

3 FLOOR TENA X 5 X 0.3 = 25 %
 = (5+5+5) TENA X 5 X 0.3
 = 15 X 5 X 0.3 SQ.M.
 = 22.50 SQ.M.
 FOR HANDICAPPED =
 120 TENA X 5 = 600 PERSONS
 1 SQ.M. FOR 200 PERSONS.
 = 3.00 SQ.M.
 REQUIRED REFUGE AREA = 22.50+3.0
 REQUIRED REFUGE AREA = 25.50 SQ.M.
 REFUGE FLOOR = @ LEVEL 3, 8 & 18
 ADDITIONS =
 1. 4.17 X 1.83 X 1 = 7.63 SQ.M.
 2. 7.75 X 6.55 X 1 = 50.76 SQ.M.
 3. 1.75 X 1.52 X 1 = 2.66 SQ.M.
 4. 1.70 X 1.70 X 1 = 2.89 SQ.M.
 TOTAL = 63.94 SQ.M.
 PROPOSED REFUGE AREA = 63.94 SQ.M.
 EXCESS REFUGE AREA = 63.94-25.50 = 38.44 SQ.M.
 EXCESS REFUGE AREA = 38.44 X 3 = 115.32 SQ.M.



TYPICAL 2ND,4TH,6TH,10TH,12TH,16TH FLOOR PLAN



TYPICAL 3RD,8TH,18TH REFUGEFLOOR PLAN

ARCHITECT SIGN

Ar. PRAKASH KULKARNI
 CA/98/22909

Owner's declaration

I/We undersigned hereby confirm that I/We would abide by plans sanctioned by Pune Municipal Corporation.
 I/We would execute the structure as per sanctioned plans.
 Also I/We would execute the work under supervision of proper technical person so as to ensure the quality and safety at the work site.

Rohan Builders & Developers Pvt. Ltd.,
 Through it's authorized signatory
 MR. Ashwin Suhas Lunkad

PROJECT

PROPOSED RESI. BLDG. ON
 S.NO.129/1/3/1,
 S.NO.135/2/1,135/2/2,135/3A,135/3B,
 136/1A,136/1B,136/2(P),137/1 & 137/2 AT
 TATHAWADE,TAL.MULSHI,DIST.PUNE.

PRAKASH KULKARNI
 ankur associates
 ARCHITECTS

TEJANWYA OFF. NO.- 101, 1ST FL., CTS. NO.-187/18, GHOLE ROAD, BHAWANAGAR,
 PUNE - 411 005, PHONE - 020-48842000, 020-68012201, 020-48842002
 Email : prakash@ankurassociates.in

DATE	SCALE	DRN BY
1/08/2023	1 : 100	Pallavi

E:\PROJECT\Rohan builder\TATHAWADE,129\MD\6.9.2023\6.9.2023.dwg