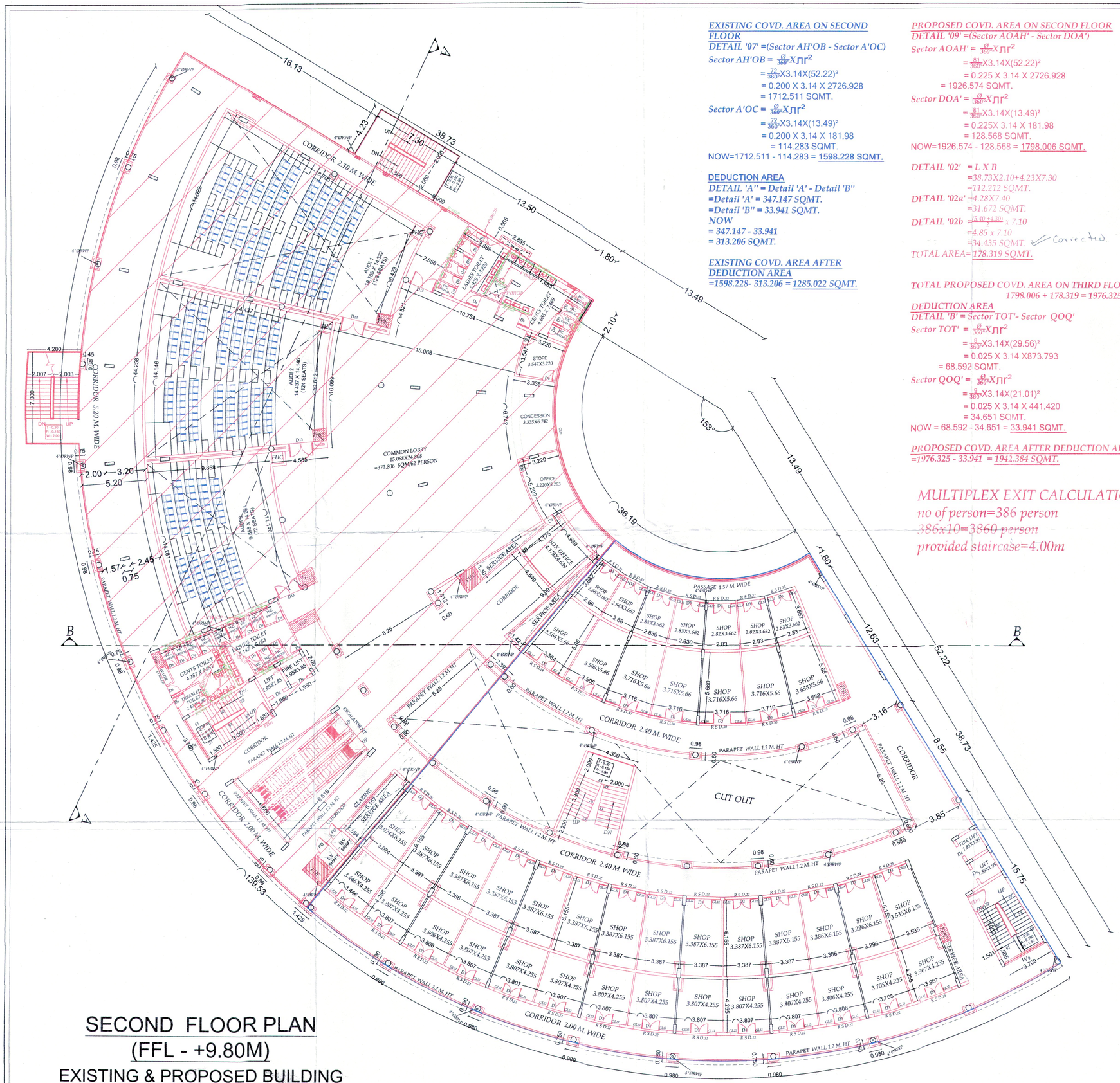

SECOND FLOOR PLAN
(FFL - +9.80M)
EXISTING & PROPOSED BUILDING

EXISTING COVD. AREA ON SECOND FLOOR

DETAIL '07' =(Sector AH'OB - Sector A'OC)

Sector AH'OB = $\frac{\theta}{360}$Xπr^2

= $\frac{72}{360}$X3.14X(52.22)²

= 0.200 X 3.14 X 2726.928

= 1712.511 SQMT.

Sector A'OC = $\frac{\theta}{360}$Xπr^2

= $\frac{72}{360}$X3.14X(13.49)²

= 0.200 X 3.14 X 181.98

= 114.283 SQMT.

NOW=1712.511 - 114.283 = 1598.228 SQMT.

DEDUCTION AREA

DETAIL 'A'' = Detail 'A' - Detail 'B''

=Detail 'A' = 347.147 SQMT.

=Detail 'B'' = 33.941 SQMT.

NOW

= 347.147 - 33.941

= 313.206 SQMT.

EXISTING COVD. AREA AFTER DEDUCTION AREA

=1598.228- 313.206 = 1285.022 SQMT.

PROPOSED COVD. AREA ON SECOND FLOOR

DETAIL '09' =(Sector AOAH' - Sector DOA')

Sector AOAH' = $\frac{\theta}{360}$Xπr^2

= $\frac{81}{360}$X3.14X(52.22)²

= 0.225 X 3.14 X 2726.928

= 1926.574 SQMT.

Sector DOA' = $\frac{\theta}{360}$Xπr^2

= $\frac{81}{360}$X3.14X(13.49)²

= 0.225X 3.14 X 181.98

= 128.568 SQMT.

NOW=1926.574 - 128.568 = 1798.006 SQMT.

DETAIL '02' = L X B

=38.73X2.10+4.23X7.30

=112.212 SQMT.

DETAIL '02a' =4.28X7.40

=31.672 SQMT.

DETAIL '02b =$\frac{(2.40+4.30)}{2}$ x 7.10

=4.85 x 7.10

=34.435 SQMT. Corrected

TOTAL AREA= 178.319 SQMT.

TOTAL PROPOSED COVD. AREA ON THIRD FLOOR

1798.006 + 178.319 = 1976.325 SQMT.

DEDUCTION AREA

DETAIL 'B' = Sector TOT'- Sector QOQ'

Sector TOT' = $\frac{\theta}{360}$Xπr^2

= $\frac{9}{360}$X3.14X(29.56)²

= 0.025 X 3.14 X873.793

= 68.592 SQMT.

Sector QOQ' = $\frac{\theta}{360}$Xπr^2

= $\frac{9}{360}$X3.14X(21.01)²

= 0.025 X 3.14 X 441.420

= 34.651 SQMT.

NOW = 68.592 - 34.651 = 33.941 SQMT.

PROPOSED COVD. AREA AFTER DEDUCTION AREA

=1976.325 - 33.941 = 1942.384 SQMT.

MULTIPLEX EXIT CALCULATION

no of person=386 person

~~386x10=3860 person~~

provided staircase=4.00m

EXISTING & PROPOSED BUILDING PLAN OF COMMERCIAL COLONY (LICENCE No. 54 OF 2009 DATED 28.08.2009) FOR AERENS GOLDSOUK PROJECT (HISAR) PVT. LTD. SITUATED AT SECTOR - 25, HISAR.

SCALE :- 1 CM = 200 CM | DRG. No. - 5

INDEX :-

EXISTING AREA SHOWN AS =

PROPOSED AREA SHOWN AS =

This is a " PROVISIONAL BUILDING PLAN " approved only for the purpose of inviting objections from the general public

Architect (HQ) | STP HISAR Member BPAC | STP Member Secretary | CTP (HR) Chairman BPAC

JE | SD | PA | ATP | DTP (HQ) | ATP(HQ)

TO BE READ WITH THIS OFFICE MEMO NO.: DATED :

Parveen Kumar J.D.

APPLICANT SIGN.

For Aerens Gold Souk Project (Hisar) Pvt. Ltd.

Authorised Signatory

ENGINEER

BINAYAK SWAIN

M. Tech (Structure)

Structural Engineer, TPR-417A-2023

Shop No. 2, Gupta Complex, Opp. Huda Office First Floor Sector- 14, GURUGRAM

T.D. ANEJA

M.E. STRUCTURES

CHARTERED ENGINEER (F-1094277)

CTP REGT NO. T350A

9810076111 9810078111

Email tdaneja1905@gmail.com

40 [illegible] APARTMENTS SEC 56 GGN-122011

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. .....Div.....

Superintending Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

ARCHITECT

DTP (HQ) Member BPAC