

CED/JMI/2024/___

Date: 03.02.2024

Remodeling of Hospital at NH-01A, Sector-119, Noida by M/s. Heritage Hospitals Limited.

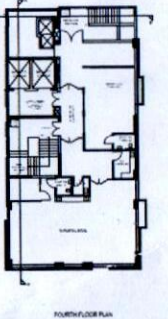
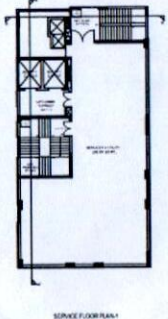
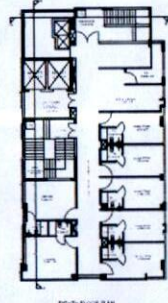
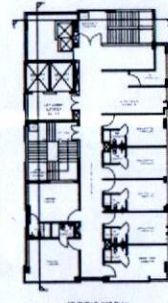
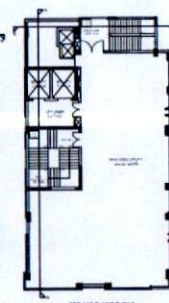
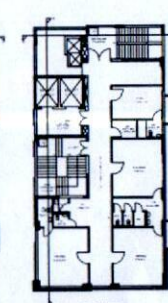
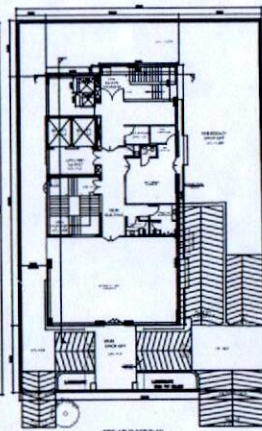
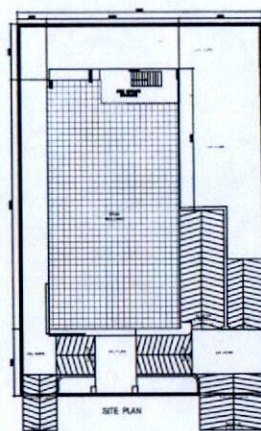
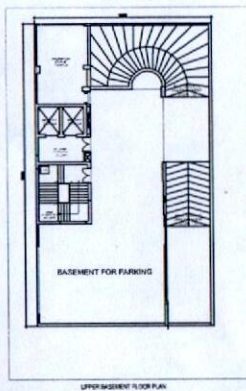
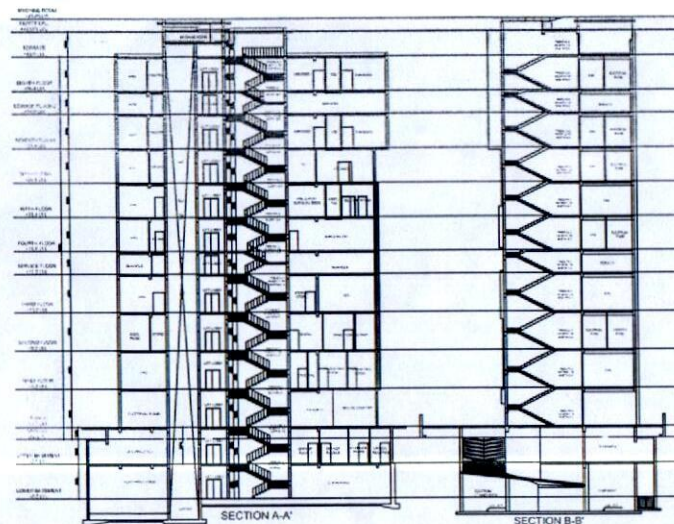
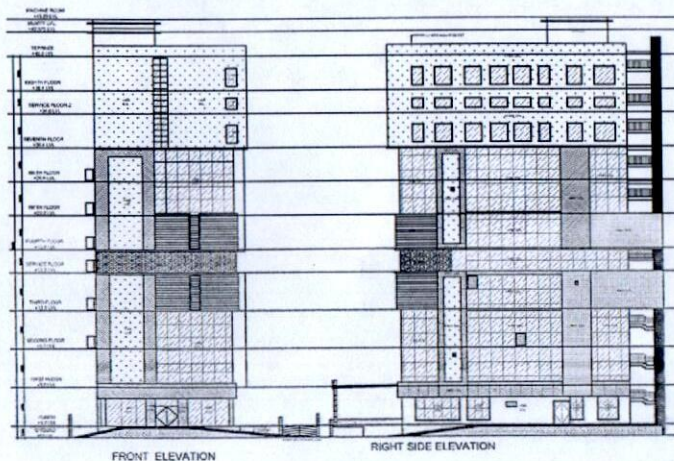
The drawings and designs submitted of Remodeling of Hospital at NH-1A, Sector-119, Noida by M/s. Heritage Hospitals Limited, with the following details:

Floors	Existing Area
Basement-1 ✓	568.40 SQM 596.6
Basement-2 ✓	568.40 SQM 596.6
Ground Floor - new blocky units	326.42 SQM 361.12
First Floor	298.26 SQM 294.71
Second Floor	298.26 SQM 294.71
Third Floor	298.26 SQM 294.71
Service Floor1	326.42 SQM 361.12
Fourth Floor	298.26 SQM Same as 5 th
Fifth Floor	298.26 SQM 329
Sixth Floor	298.26 SQM 329 298.26 Same as 7 th
Service Floor 2	326.42 SQM 361.12
Seventh Floor	✓ 298.26 SQM 352
Eighth Floor	✓ 298.26 SQM 365
Mumty Area	✓ 72.12 SQM (30 carpet) → 248.49
Fire Stair Area	232.69 SQM ✓
Meter Room	20.16 SQM ✓
Total Area	5136.94 SQM

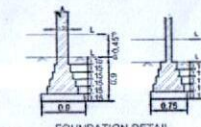
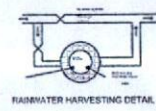
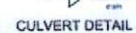
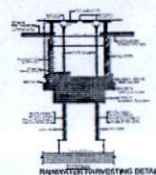
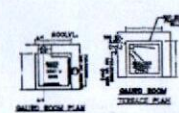
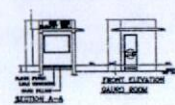
Have been checked and found to be conforming to relevant codes of practice as per the latest Indian standards. All the stipulated combination of loads (static and dynamic) in vertical and lateral direction has been incorporated in the analysis and design. The design and drawings have been checked and found to be satisfactory. Hence they are approved.

The responsibility of the undersigned shall be limited to proof checking of the structural design calculations and drawing only. All procedural/legal/operational architectural/functional details will be the responsibility of the owner/owners. It is expected to use specified matters and the compliance of the material grades, proper quality control and assurance on quality control is not within construction practices. However, it may be noted that the scope of this proof checking.

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TYPE	WIDTH	CL	LVL	INTEL	REMARKS
D1	1.20	---	2.40	---	DOOR
D2	1.00	---	2.40	---	DOOR
D3	0.75	---	2.10	---	DOOR
W1	1.80	0.90	BEAM BOTTOM	---	WINDOW
W2	1.80	1.50	BEAM BOTTOM	---	WINDOW
V	1.50	1.50	BEAM BOTTOM	---	VENTILATOR



AREA CALCULATION

TOTAL AREA OF THE PLOT = 100.00 SQ.M.

PERMISSIBLE P.A.R. @ 2.75% OF 100.00 SQ.M. = 2.75 SQ.M.

TOTAL EXISTING FAR AREA = 100.00 SQ.M.

TOTAL EXISTING NON FAR AREA = 100.00 SQ.M.

SERVICE AREA 15% = 15.00 SQ.M.

EXISTING COVD. AREA IN BASEMENT -1 = 18.00 SQ.M.

EXISTING COVD. AREA IN BASEMENT -2 = 18.00 SQ.M.

EXISTING COVD. AREA ON GROUND FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON FIRST FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON SECOND FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON THIRD FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON SERVICE FLOOR 1 = 18.00 SQ.M.

EXISTING COVD. AREA ON FOURTH FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON FIFTH FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON SIXTH FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON SEVENTH FLOOR 2 = 18.00 SQ.M.

EXISTING COVD. AREA ON EIGHTH FLOOR = 18.00 SQ.M.

EXISTING COVD. AREA ON MURTY = 18.00 SQ.M.

FIRE STAIRCASE AREA = 18.00 SQ.M.

LIFT AREA = 18.00 SQ.M.

LIFT LOBBY = 18.00 SQ.M.

TOTAL EXISTING P.A.R. COVD. AREA ON ALL FLOOR = 18.00 SQ.M.

IN BASEMENT = 18.00 SQ.M.

OPEN PARKING = 18.00 SQ.M.

TOTAL BCS = 18.00 SQ.M.

TOTAL FAR AREA = 18.00 SQ.M.

TOTAL NON FAR AREA (B1 + B2) = 18.00 SQ.M.

TOTAL SERVICE FL. 1 + SERVICE FL. 2 = 18.00 SQ.M.

TOTAL SERVICE AREA = 18.00 SQ.M.

TOTAL FAR + NON FAR + SERVICE FL. + SERVICES AREA = 18.00 SQ.M.

PROJECT : COMPLETION INSTITUTIONAL BUILDING ON PLOT NO. 1A, BLOCK - NH, SECTOR - 119 NOIDA.

For : M/S. HERITAGE HOSPITALS LIMITED

OWNER SIG.

ARCHITECT SIG.

AREA CALCULATION:

TOTAL AREA OF THE PLOT =

PERM. GROUND COVERAGE @30% OF 1006.20 SQ.M.

PERMISSABLE F.A.R. @2.75% OF 1006.20 SQ.M.

TOTAL EXISTING FAR AREA

TOTAL EXISTING NON FAR AREA

1789.64 SQM

415.05 SQM

EXISTING COVD. AREA IN BASEMENT -1

19.60 X 29.00

EXISTING COVD. AREA IN BASEMENT -2

SAME AS 1st BASEMENT

568.40 (NOT IN FAR)

EXISTING COVD. AREA ON GROUND FLOOR

13.70 X 26.00 + 1.00 X 8.18

356.20 + 8.18 - FIRE STAIRCASE + SHAFT

356.20 - 7.835 X 3.30 + 1.50 X 1.52 + 1.2 X 1.38

356.20 - 25.85 + 2.28 + 1.65

326.42 - 29.78

EXISTING COVD. AREA ON FIRST FLOOR

SAME AS GROUND FLOOR - (LIFT + LOBBY)

326.42 - 2.35 X 3.0 X 2 + 5.21 X 2.70

326.42 - 14.10 + 14.06

298.26 SQM

EXISTING COVD. AREA ON SECOND FLOOR

298.26 SQM

EXISTING COVD. AREA ON THIRD FLOOR

298.26 SQM

EXISTING COVD. AREA ON SERVICE FLOOR 1

298.26 SQM

EXISTING COVD. AREA ON SERVICE FLOOR 2

298.26 SQM

EXISTING COVD. AREA ON SEVENTH FLOOR

298.26 SQM

EXISTING COVD. AREA ON EIGHTH FLOOR

298.26 SQM

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EXISTING COVD. METER ROOM = 3.60 X 5.60 = 20.16 SQMT.

EXISTING COVD. AREA ON MUMTY = (5.67 X 12.72)

= 72.12 SQM NOT IN FAR

FIRE STAIRCASE AREA

= (7.835 X 3.30 X 9)

= 232.69 SQM NOT IN FAR

LIFT AREA

= (2.35 X 3.0 X 2 X 11)

= 155.10 SQM NOT IN FAR

LIFT LOBBY

= (5.21 X 2.70 X 11)

= 154.73 SQM NOT IN FAR

TOTAL EXISTING F.A.R COVD AREA ON ALL FLOOR

= Ground + 1st + 2nd + 3rd + 4th + 5th + 6th + 7th + 8th

= 20.16 + 326.42 + 298.26 X 8 = 2732.66 SQM

IN BASEMENT = 1136.80 / 30 = 37.89 ECS

OPEN PARKING = (P1-3.0 X 13.74 + 5.86 X 17.50)

= 41.22 + 102.55 / 20 =

= 7.18 ECS

TOTAL ECS

= 37.89 + 7.18

= 45.07 ECS

TOTAL FAR AREA

TOTAL NON FAR AREA (BF1 + BF 2)

= 1136.80 SQM

= 652.84 SQM

= 614.64 SQM

TOTAL SERVICE FL- 1 + SERVICE FL- 2

TOTAL SERVICE AREA

TOTAL FAR + , NON FAR + SERVICE FL. + SERVICES AREA = 5136.94 SQM

= 5136.94 SQM