PARKING CALCULATION

TYPE	CARPET AREA FSI (M2)	TENEMENT (NOS): UNIT	PROP.	CAR (NOS): BY RULE	PROP	SCOOTER (NOS): BY RULE	PROP.
Residential	0–30	2	0	0	0	4	79
	30–40	2	0	1	0	2	0
	40–80	2	27	1	13.5	5	67.5
	80–150	1	0	1	0	3	0
	150– & Above	1	0	2	0	3	0
For Nagpur MC Area multiplying factor 0.90		–	–	–	12.15	–	60.75
Parking area with 5% visitors parking		–	–	–	12.76	–	63.788
Total	Required	–	27	13		64	
Total	Proposed	–	27	13		64	

FLOOR WISE FSI STATEMENT :

FLOORS	PROPOSED TENEMENTS	TOTAL BUILT UP AREA
GROUND FLOOR	0	0.00
FIRST FLOOR	4	394.148
SECOND FLOOR	4	394.148
THIRD FLOOR	4	394.148
FOURTH FLOOR	4	394.148
FIFTH FLOOR	4	394.148
SIXTH FLOOR	4	394.148
SEVENTH FLOOR	3	296.160
TOTAL	27	2661.048

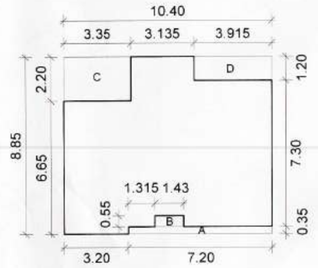
SCHEDULE OF OPENINGS

NAME	LENGTH	HEIGHT	NOS
D	1.35	2.10	7
D1	1.00	2.10	8
D2	0.90	2.10	123
D3	0.75	2.10	100
W1	1.80	1.20	67
W2	1.50	1.20	27
W3	1.50	1.00	14
W4	1.20	1.00	13
W5	1.05	1.20	7
V	0.60	0.60	74

NIT
L.S. No. 248
Serial No. —
Valid Up To 31-12-2022

Tatatatively Approved
For Fire N.O.C. Only
Building Engineer (West)
Nagpur Improvement Trust

CARPET AREA DETAILS :

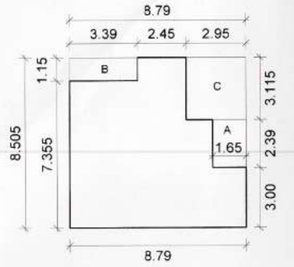


FLAT NO. 1 SCALE 1:200

FLAT NO. 1 CARPET AREA = 10.40 × 8.85 – DEDUCTION = 92.040 – DEDUCTION

DEDUCTION
(A) – 7.20 × 0.35 = 2.520
(B) – 1.43 × 0.55 = 0.787
(C) – 3.35 × 2.20 = 7.370
(D) – 3.915 × 1.20 = 4.698
TOTAL = 15.375 SQM

FLAT NO. 1 CARPET AREA = 92.040 – 15.375 = 76.665 SQM

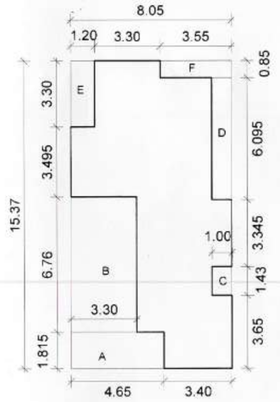


FLAT NO. 2 SCALE 1:200

FLAT NO. 2 CARPET AREA = 8.79 × 8.505 – DEDUCTION = 74.759 – DEDUCTION

DEDUCTION
(A) – 1.65 × 2.39 = 3.944
(B) – 3.39 × 1.15 = 3.899
(C) – 2.95 × 3.115 = 9.189
TOTAL = 17.032 SQM

FLAT NO. 2 CARPET AREA = 74.759 – 17.032 = 57.727 SQM

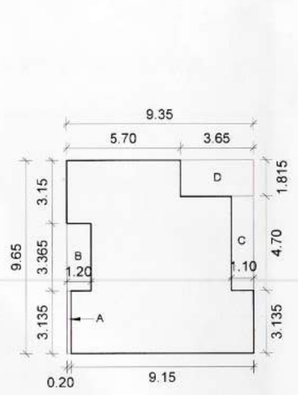


FLAT NO. 3 SCALE 1:200

FLAT NO. 3 CARPET AREA = 8.05 × 15.37 – DEDUCTION = 123.728 – DEDUCTION

DEDUCTION
(A) – 4.65 × 1.815 = 8.440
(B) – 3.30 × 6.76 = 22.308
(C) – 1.00 × 1.43 = 1.430
(D) – 1.00 × 6.095 = 6.095
(E) – 1.20 × 3.30 = 3.960
(F) – 3.55 × 0.85 = 3.018
TOTAL = 45.251 SQM

FLAT NO. 3 CARPET AREA = 123.728 – 45.251 = 78.477 SQM



FLAT NO. 4 SCALE 1:200

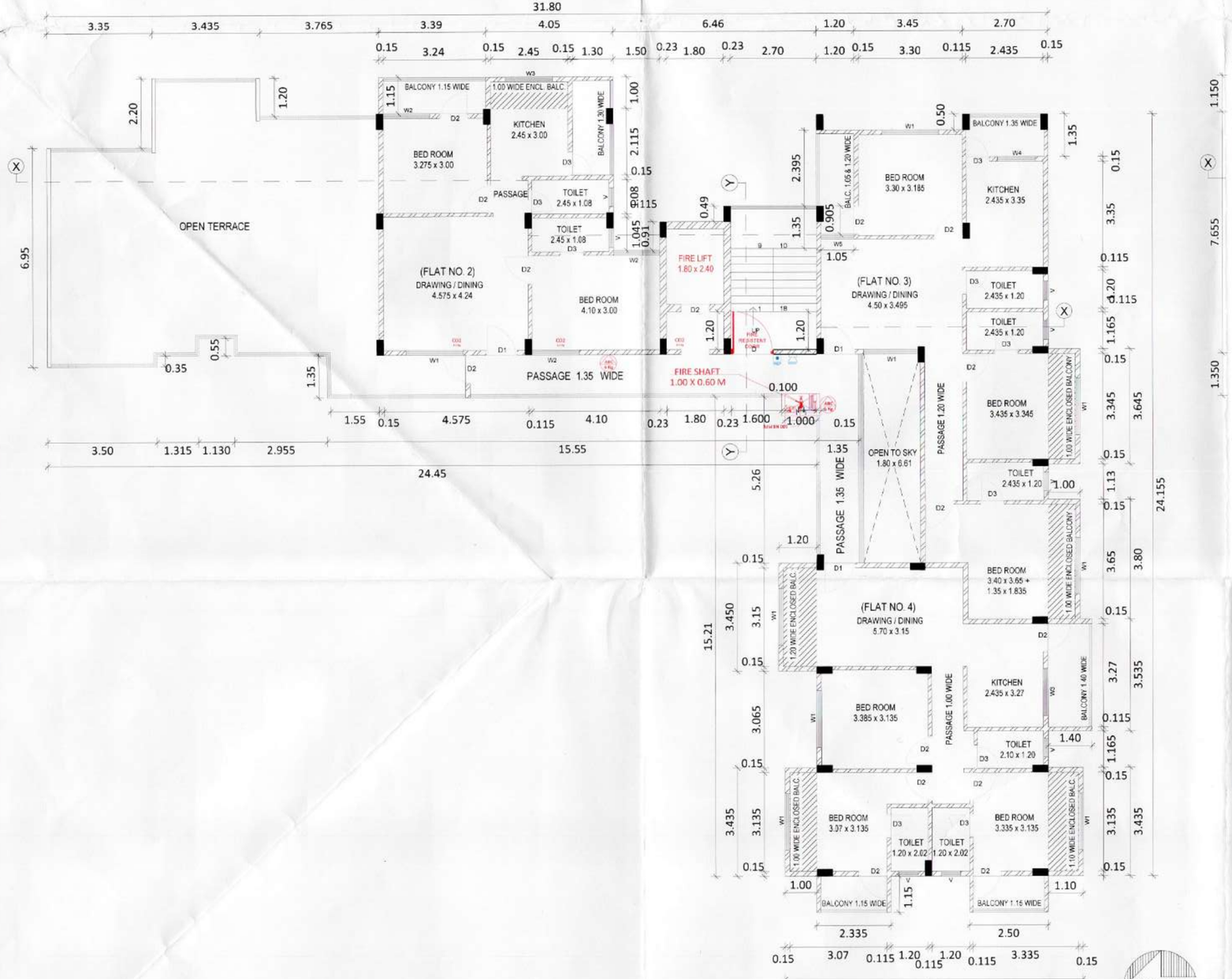
FLAT NO. 4 CARPET AREA = 9.35 × 9.65 – DEDUCTION = 90.228 – DEDUCTION

DEDUCTION
(A) – 0.20 × 3.135 = 0.627
(B) – 1.20 × 3.365 = 4.038
(C) – 1.10 × 4.70 = 5.170
(D) – 3.65 × 1.815 = 6.625
TOTAL = 16.460 SQM

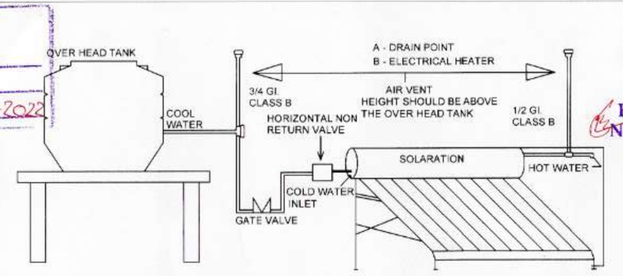
FLAT NO. 4 CARPET AREA = 90.228 – 16.460 = 73.768 SQM

Subject to the condition as per Regularisation letter dt. 28/9/2016

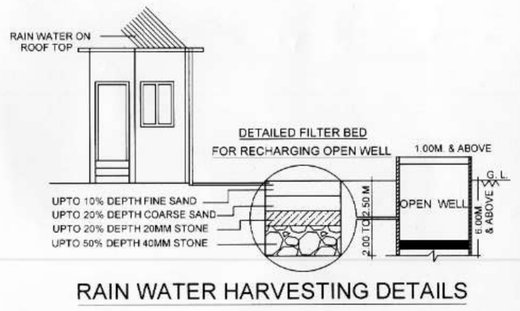
ROOF RAINWATER HARVESTING SYSTEM SHOULD BE PROVIDED WITHIN PLOT AREA



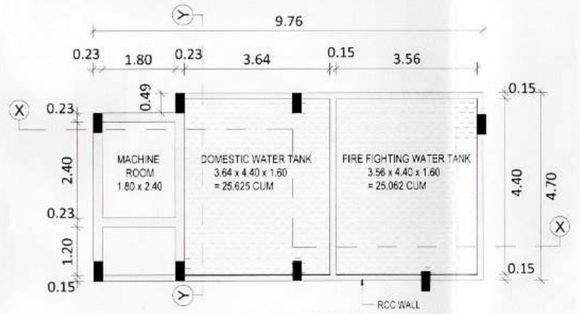
SEVENTH FLOOR PLAN SCALE 1:100



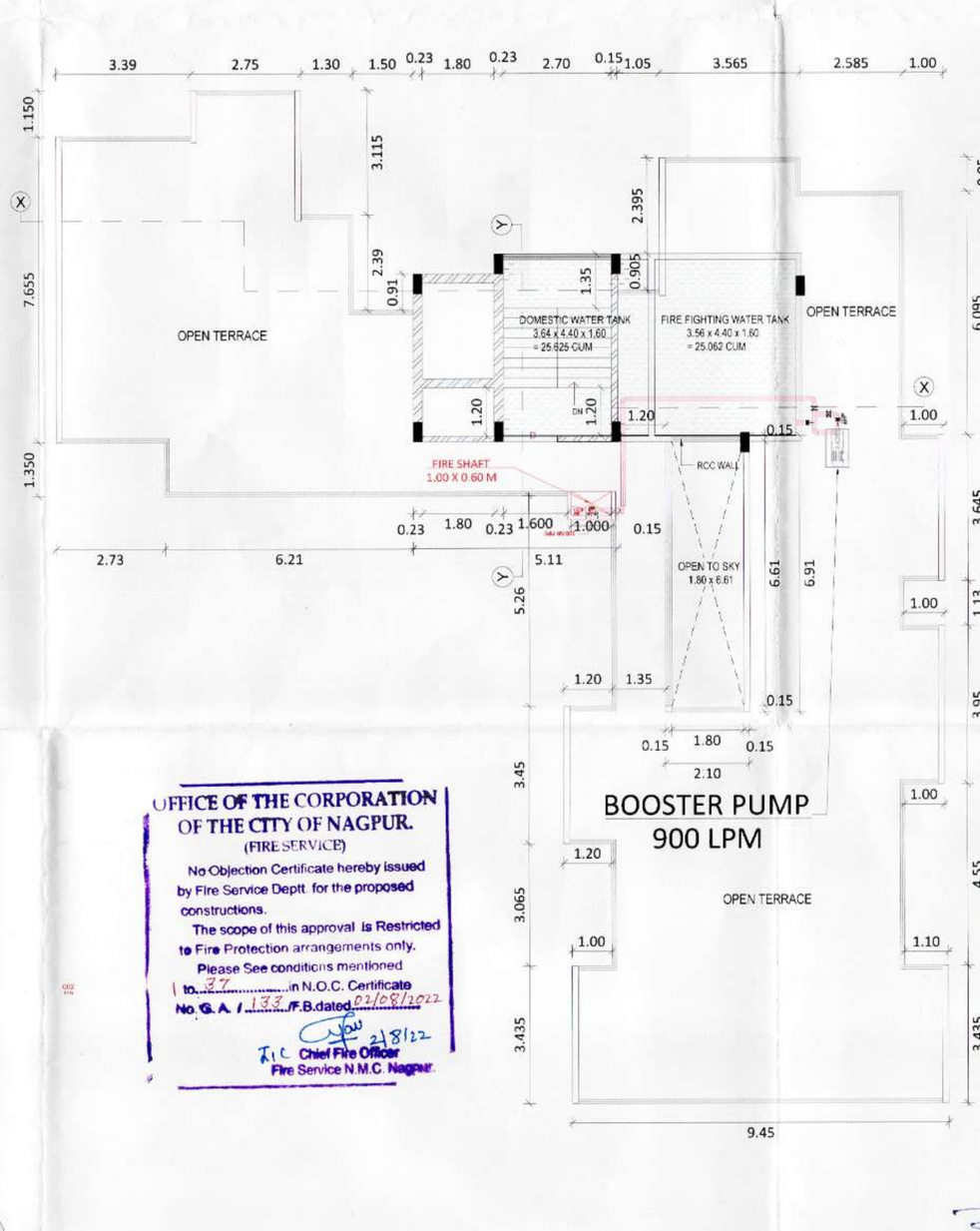
SOLAR WATER HEATING SYSTEM



RAIN WATER HARVESTING DETAILS

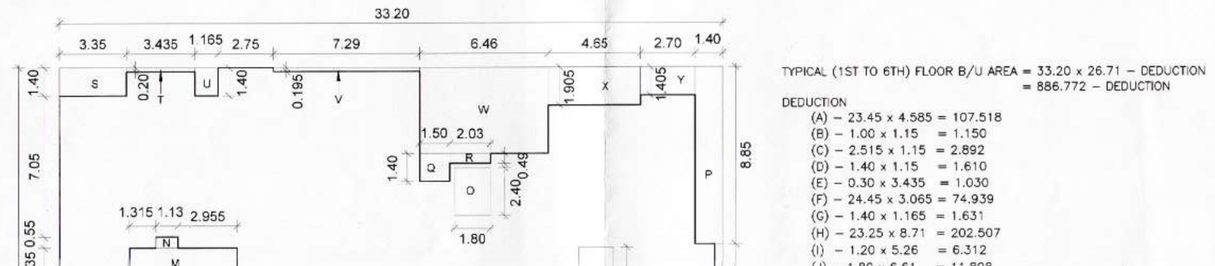


DOMESTIC AND FIRE FIGHTING WATER TANKS PLAN SCALE 1:100



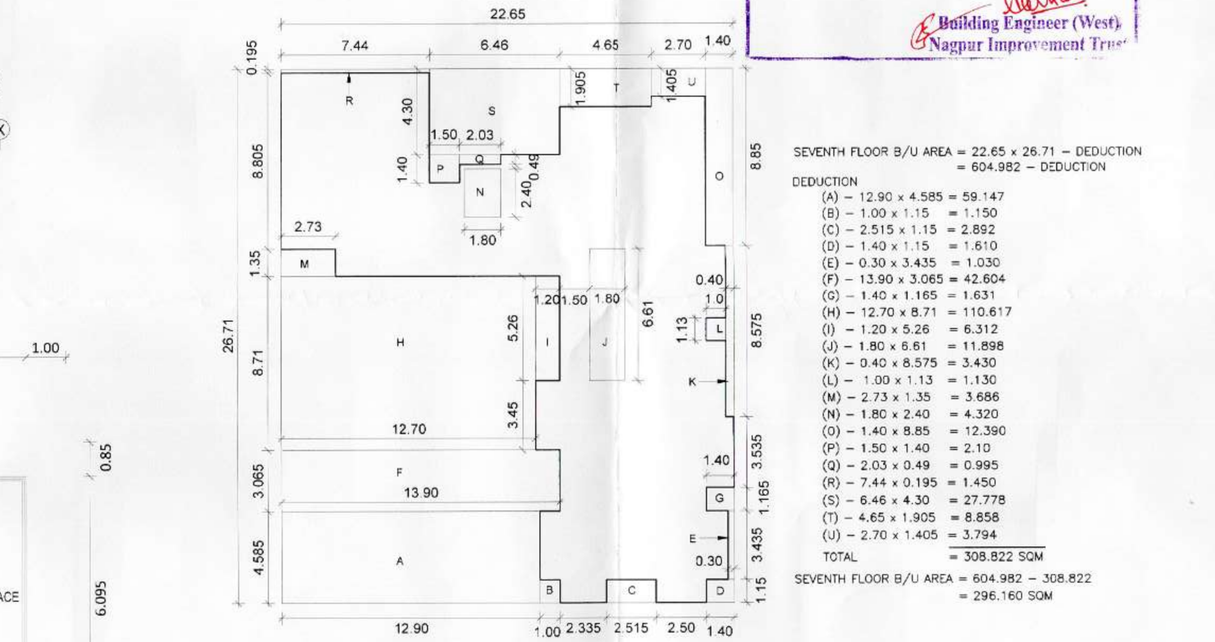
TERRACE FLOOR PLAN SCALE 1:100

OFFICE OF THE CORPORATION OF THE CITY OF NAGPUR.
(FIRE SERVICE)
No Objection Certificate hereby issued by Fire Service Deptt. for the proposed constructions.
The scope of this approval is Restricted to Fire Protection arrangements only.
Please See conditions mentioned in N.O.C. Certificate.
No. G. A. / 1312 / P.B. dated 23/12/2022
Dy. Chief Fire Officer
Fire Service N.M.C. Nagpur.

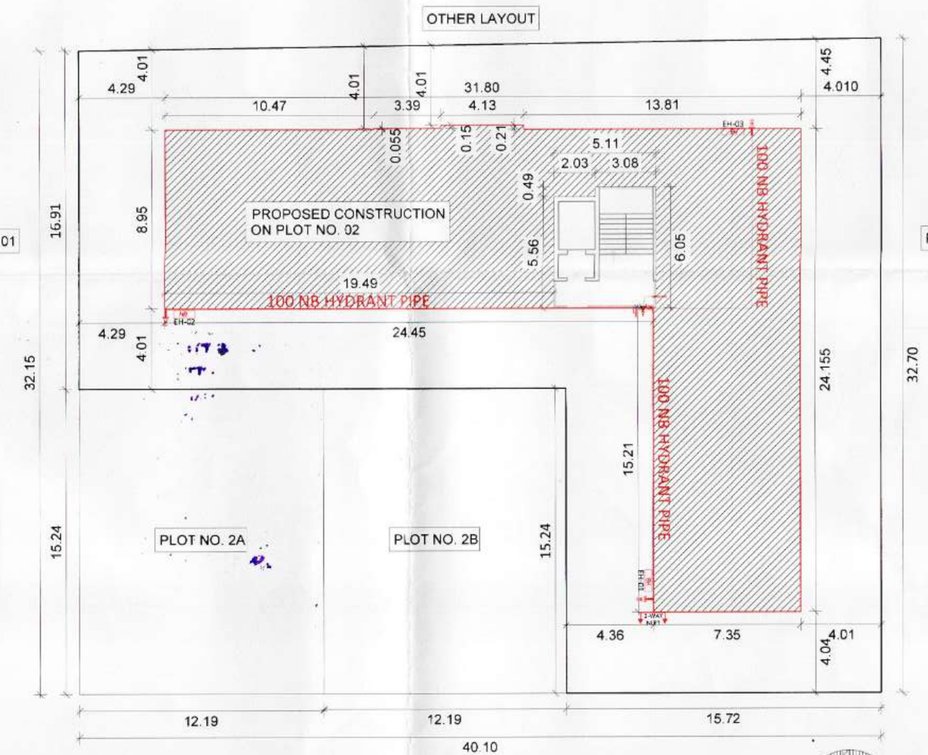


KEY PLAN FOR TYPICAL (1ST TO 6TH) FLOOR SCALE 1:200

OFFICE OF THE NAGPUR IMPROVEMENT TRUST
Building Permit No. EE/T.Plan/Nagpur/Sanction/2022/3225/2576/941
Date 19/12/2022
SANCTIONED
Building Engineer (West)
Nagpur Improvement Trust



KEY PLAN FOR SEVENTH FLOOR SCALE 1:200



SITE PLAN SCALE 1:200

1/C STATION OFFICER
FIRE & EMERGENCY SERVICE
NARENDRA NAGAR FIRE STATION
N.M.C. NAGPUR.

SHEET NO. 2/2

PLAN FOR PROPOSED MULTIFAMILY DWELLING UNITS ON PLOT NO. 02, KH. NO. 83/1/1, MOUZA - SOMALWADA, TAH & DIST - NAGPUR BELONGING TO M/S. HARIHAR INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED, NAGPUR.

F.S.I. B/UP AREA CALCULATION:- (FOR RESIDENTIAL HOUSING TENEMENTS)

a)	NET PLOT AREA FOR F.S.I. CALCULATION (AS PER CLAUSE NO. 3.9 OF UDCPR – 2020) AS PER RELEASE LETTER	928.640 SQM
b)	NET P–LINE BUILT UP AREA (AS PER CLAUSE NO. 6.6 OF UDCPR – 2020)	2661.048 SQM
c)	FOR RESIDENTIAL USE DIVIDING FACTOR 1.6 TO ARRIVE (BASIC F.S.I. + PREMIUM FSI + TDR = P–LINE AREA / 1.6)	2661.048 / 1.6 = 1663.155 SQM
d)	FOR NON–RESIDENTIAL USE DIVIDING FACTOR 1.8 TO ARRIVE (BASIC F.S.I. + PREMIUM FSI + TDR = P–LINE AREA / 1.8)	NOT APPLICABLE
e)	PERMISSIBLE ANCILLARY FSI (AS PER CLAUSE NO. 6.3 TABLE NO. 6–G, NOTE (I) OF UDCPR – 2020–b–c–d	(2661.048 – 1663.155) = 997.893 SQM

		PERMISSIBLE	PROPOSED
f)	PERMISSIBLE BASIC F.S.I. BUILT UP AREA :– (1.10 x a)	BASIC FSI = 1.10 = 1021.504 SQM	BASIC FSI = 1.10 = 1021.504 SQM
g)	PERMISSIBLE ADDITIONAL FSI ON PREMIUM:– (0.50 x a) (AS PER CLAUSE NO. 6.3, TABLE NO. 6–G OF UDCPR – 2020)	PREMIUM FSI @ 0.50 = 464.320 SQM	PREMIUM FSI @ 0.50 = 464.320 SQM
h)	PERMISSIBLE TDR:– (α x PERMISSIBLE TDR) AS PER CLAUSE NO. 6.3, TABLE NO. 6–G OF UDCPR – 2020)	0.2 / 185.728	0.19 / 177.331
i)	PERMISSIBLE TDR FOR ROAD WIDE–NING WITH COMPLIANCE OF CLAUSE NO. 7.2 & PROFORMA–I	NOT APPLICABLE	NOT APPLICABLE
j)	TOTAL ENTITLEMENT OF FSI (e + f + g + h)	2669.445 SQM	2661.048 SQM
k)	MAXIMUM BUILDING POTENTIAL ON PLOT (EXCLUDING ANCILLARY FSI)	TOTAL FSI @ 1.60 = 1485.824 SQM	TOTAL FSI @ 1.60 = 1485.824 SQM
l)	PERMISSIBLE ANCILLARY FSI (AS PER CLAUSE NO. 6.3, TABLE NO. 6–G, NOTE– (I) OF UDCPR – 2020)	FSI @ 0.60 = 997.893 SQM	FSI @ 0.60 = 997.893 SQM

CERTIFICATE OF AREA

CERTIFIED THAT THE PLOT UNDER REFERENCE WAS SURVETED BY ME ON 13.05.2022 AND THE DIMENSIONS OF SIDES ETC. OF PLOT STATED ON PLAN ARE AS MEASURED ON SITE AND THE AREA SO WORKED OUT TALLIED WITH THE AREA STATED IN DOCUMENT OF OWNERSHIP / T.P. SCHEME RECORDS/ LAND RECORDS DEPARTMENT / CITY SURVEY RECORDS.

LICENCED ENGINEER
PRASHANT UPASANI
LICENSE NUMBER: NMRDA/R/2022/APL/00030
NIT L.S. NO 512

OWNER'S DECLARATION

I/WE UNDERSIGNED HEREBY CONFIRM THAT I/WE WOULD ABIDE BY PLANS APPROVED BY AUTHORITY / COLLECTOR. I/WE WOULD EXECUTE THE STRUCTURE AS PER APPROVED 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.
SHRI. MANISH ARVIND BADIYANI
FOR HARIHAR INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

REFERENCE

LAND USE AS PER SANCTIONS DEVELOPMENT PLAN LOCATION	—
OF PLOT	—
ZONE	—
PROPOSED BUILDING ISE SUBMITTED AS PER PLAN	—
PLOT BOUNDRY SHOWN IN THUS	—
PROPOSED CONSTRUCTION SHOWN IN THUS	—
EXISTING CONSTRUCTION TO BE RETAINED IN THUS	—
EXISTING CONSTRUCTION DEMOLISHED SHOWN IN THUS	—

NAME OF OWNERS	LICENCED ENGINEER
SHRI. MANISH ARVIND BADIYANI FOR HARIHAR INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED	PRASHANT UPASANI LICENSE NUMBER : NMRDA/R/2022/APL/00030 NIT L.S. NO. 512

ASSOCIATED SPANS
DEENDAYALNAGAR, NAGPUR
PHONE NOS.– 0712–2283313, 9890213029

PRASHANT UPASANI
B.E. (Civil), M. Tech. (Structures)
ENGINEER LICENSE No. : NMRDA/R/2022/APL/00030

JOB NO. – AS/432/SUB
REVISION – 00
DATE – 14.05.2022
SCALE – 1:100, & 1:200

LEGENDS -

- FIRE DOOR
- ABC FIRE EXTINGUISHER
- CO2 FIRE EXTINGUISHER
- FIRE PUMP
- FIRE ALARM CONTROL PANEL
- FIRE MANUAL CALL POINT
- FIRE HOOTER WITH PA TALK BACK
- FIRE HYDRANT VALVE
- HR-HOSE REEL
- HB-HOSE BOX
- AIR RELEASE VALVE
- BFV — BUTTERFLY VALVE
- BALL VALVE
- NRV-NON RETURN VALVE
- BELLOW
- FHSP — FIRE HYDRANT STAND POST
- FIRE SERVICE INLET
- BUTTERFLY VALVE
- NON RETURN VALVE
- TWO WAY
- 100 NB PIPE LINE - HYDRANT
- 80 NB PIPE LINE
- 50 NB PIPE LINE

TERRACE TANK DETAILS -
TERRACE TANK FOR FIRE FIGHTING CAPACITY 25 KL (3.56 X 4.40 X 1.60 M DEEP)

PUMP DETAILS -
BOOSTER PUMP 900 LPM - 01 NO.

FIRE CONSULTANT -
M/S SS FIRE ENGINEERS
ADD-LAXMI APPARTMENT, G-1, GROUND FLOOR, KUKDE LAYOUT, RAMESHWARI, NAGPUR - 440010.
MB : 7798121291.
EMAIL :- ashish01.chirkute@gmail.com
LICENCE NO-MFS-LA/RF-291
LICENCE NO-MFS-LA/RD-286

FIRE CONSULTANT SEAL & SIGN-

Authorised Goverment LIC Agency of Maharashtra State
S. S. Fire Engineers
Lic No. MFS/LA/RF-291/RD-286
Authorised Signatory

AUTHORISED SIGNATORY

DESIGN BY - A.V.K	DRAWN BY - A.V.K	SHEET -	FF-REV-1 02 OF 02
DATE - 23/07/2022	CHECKED BY- ASHISH C.		
SCALE - 1:100	APPROVED BY- ASHISH C.		