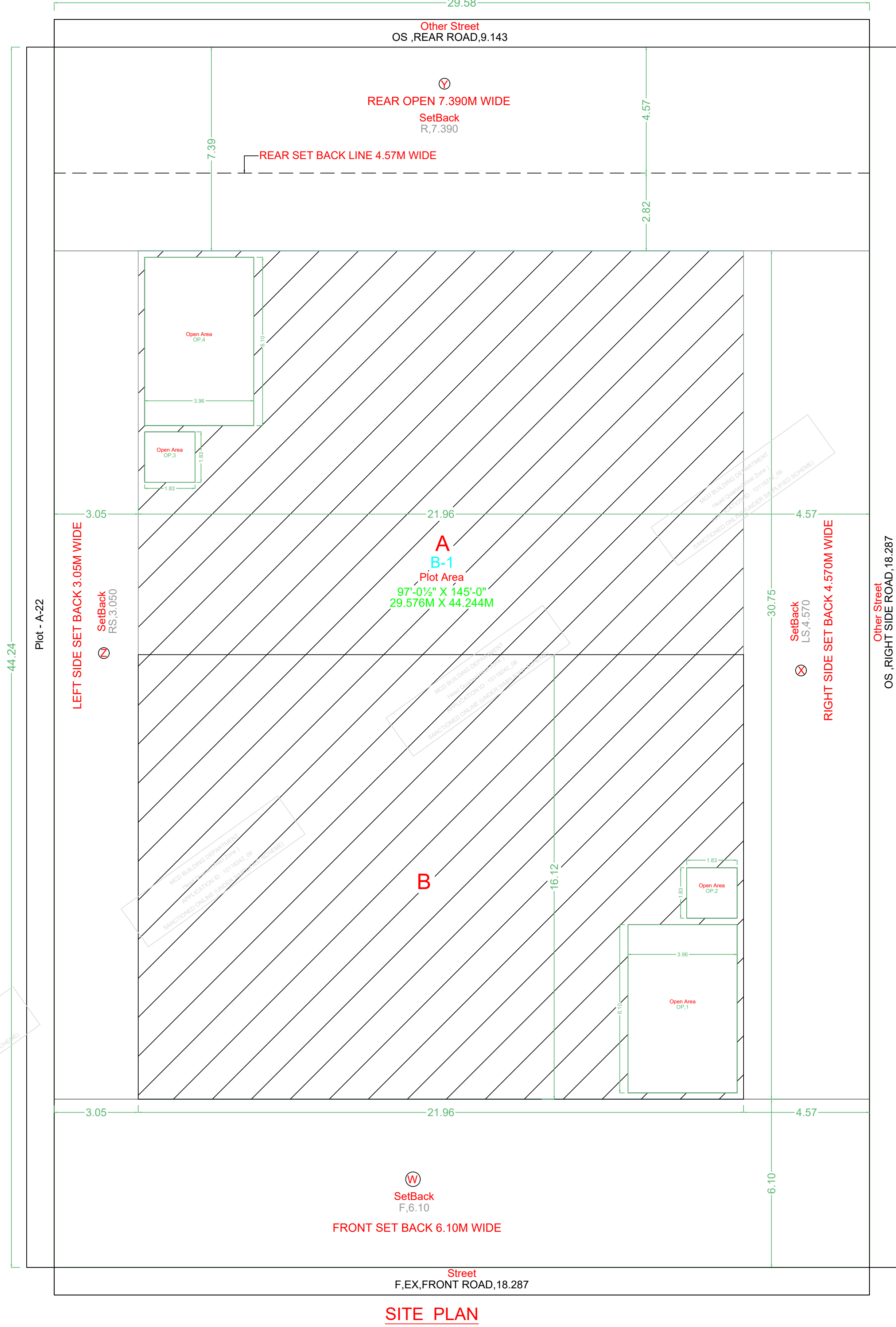
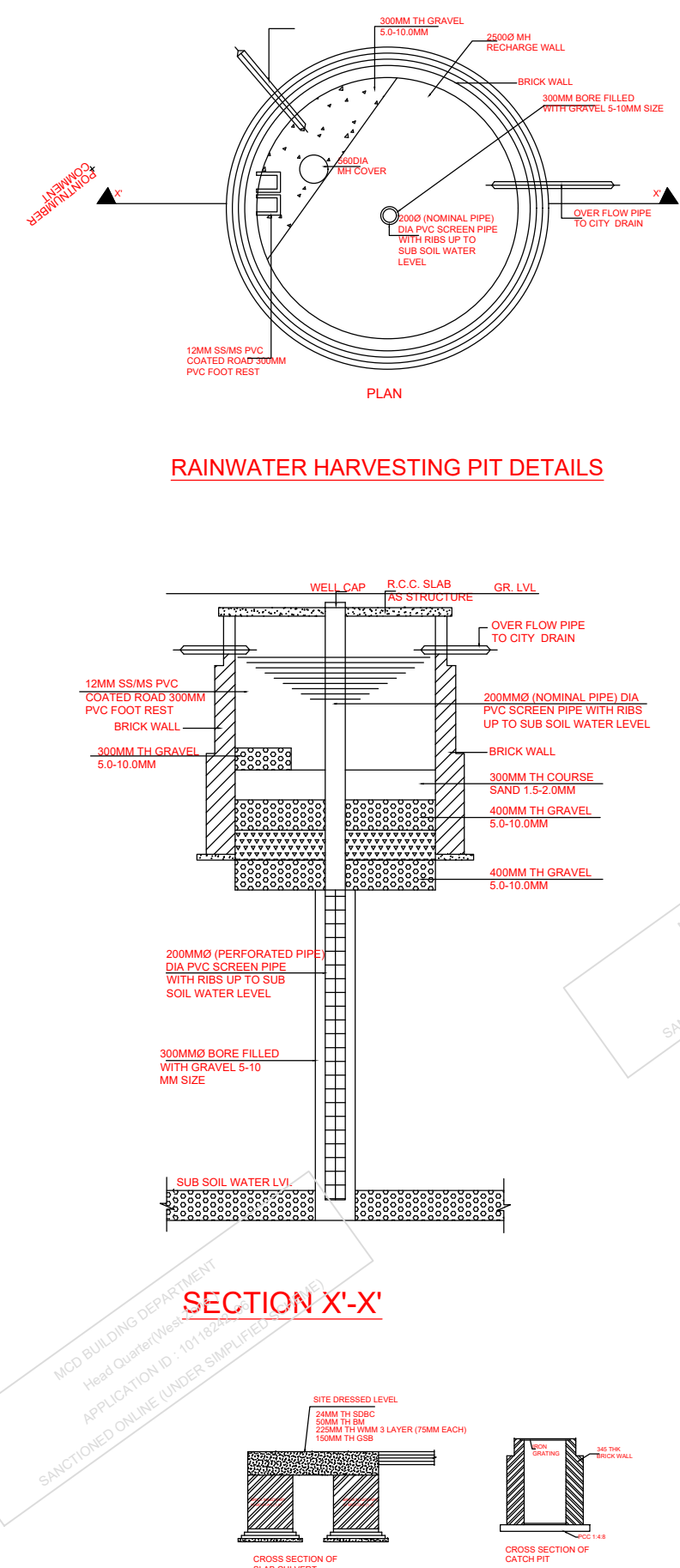
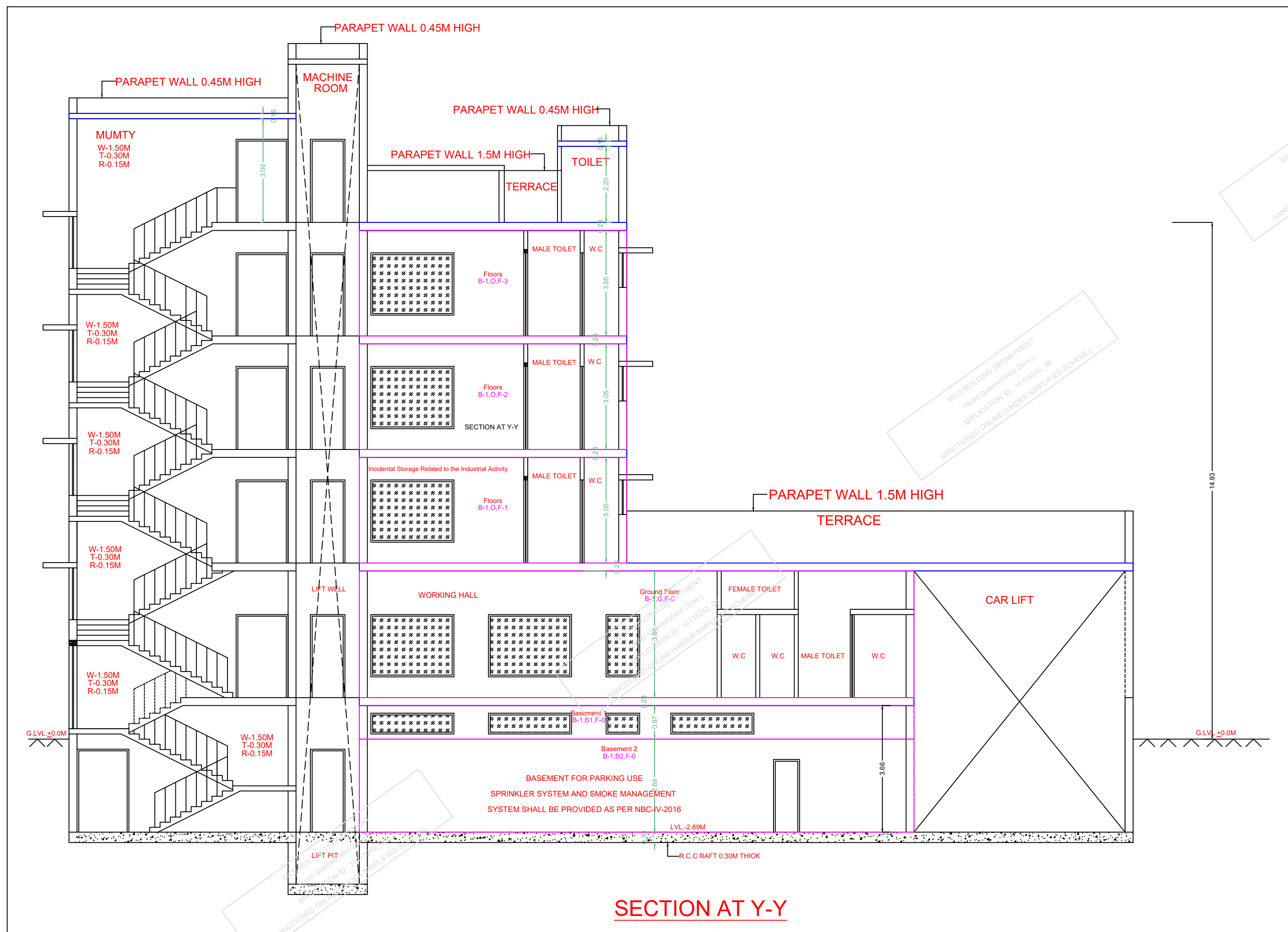
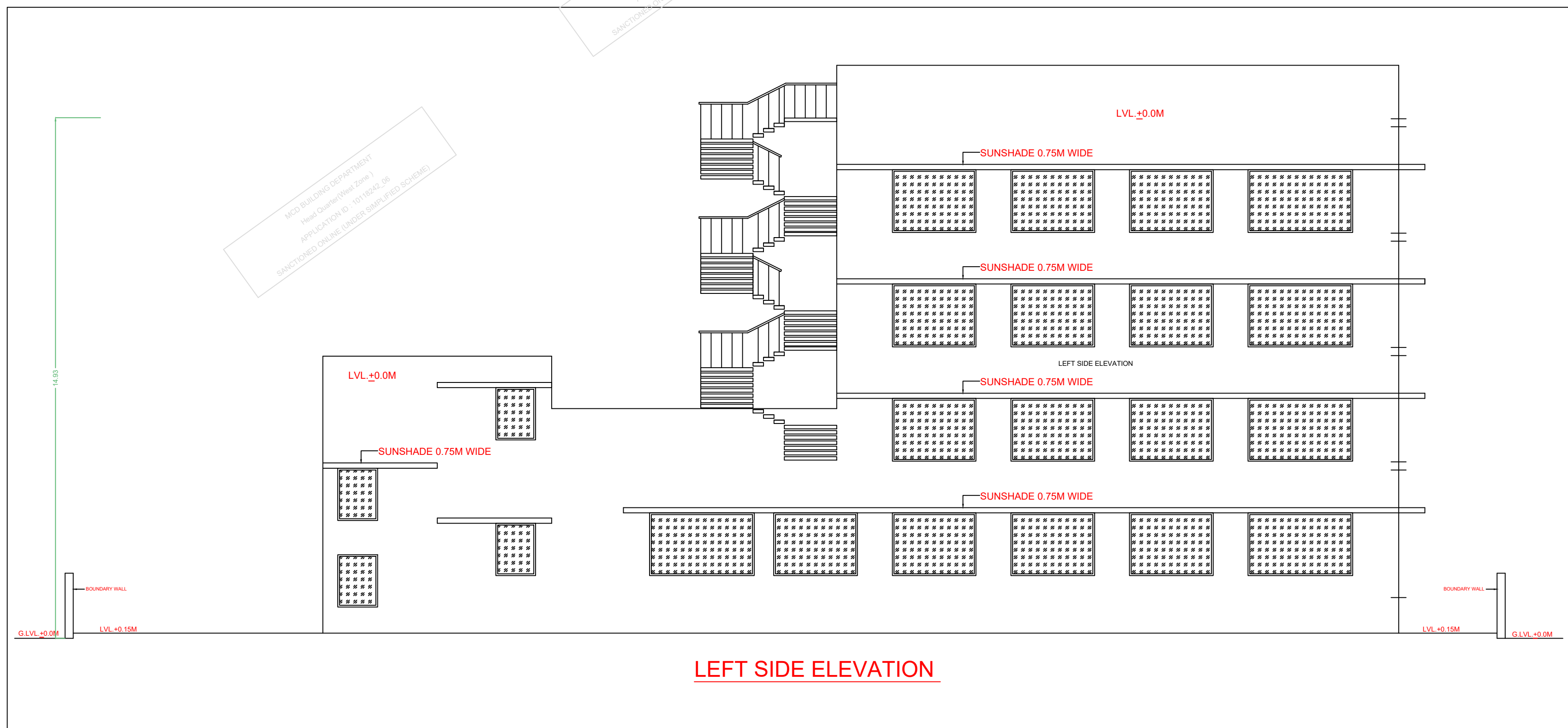
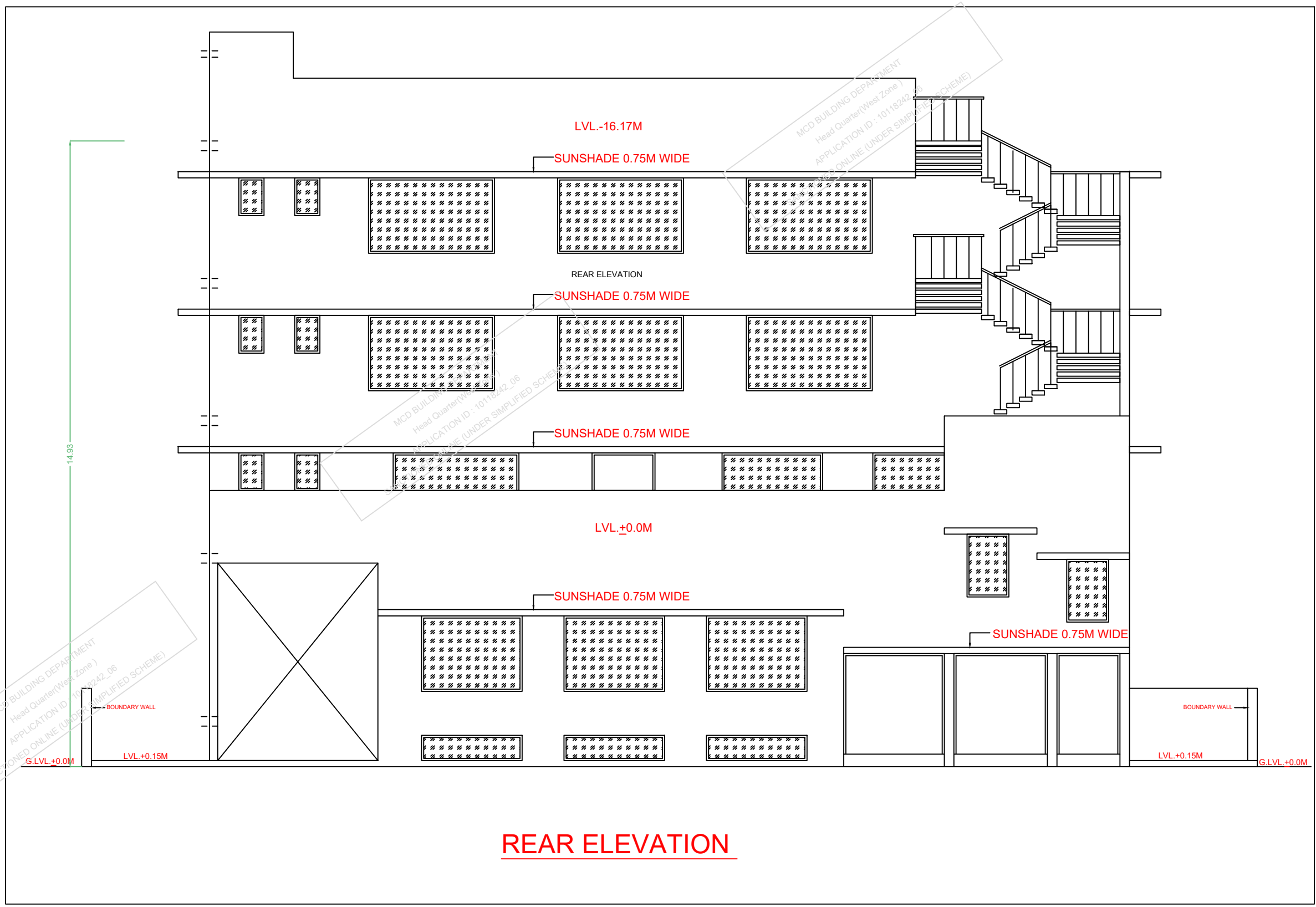
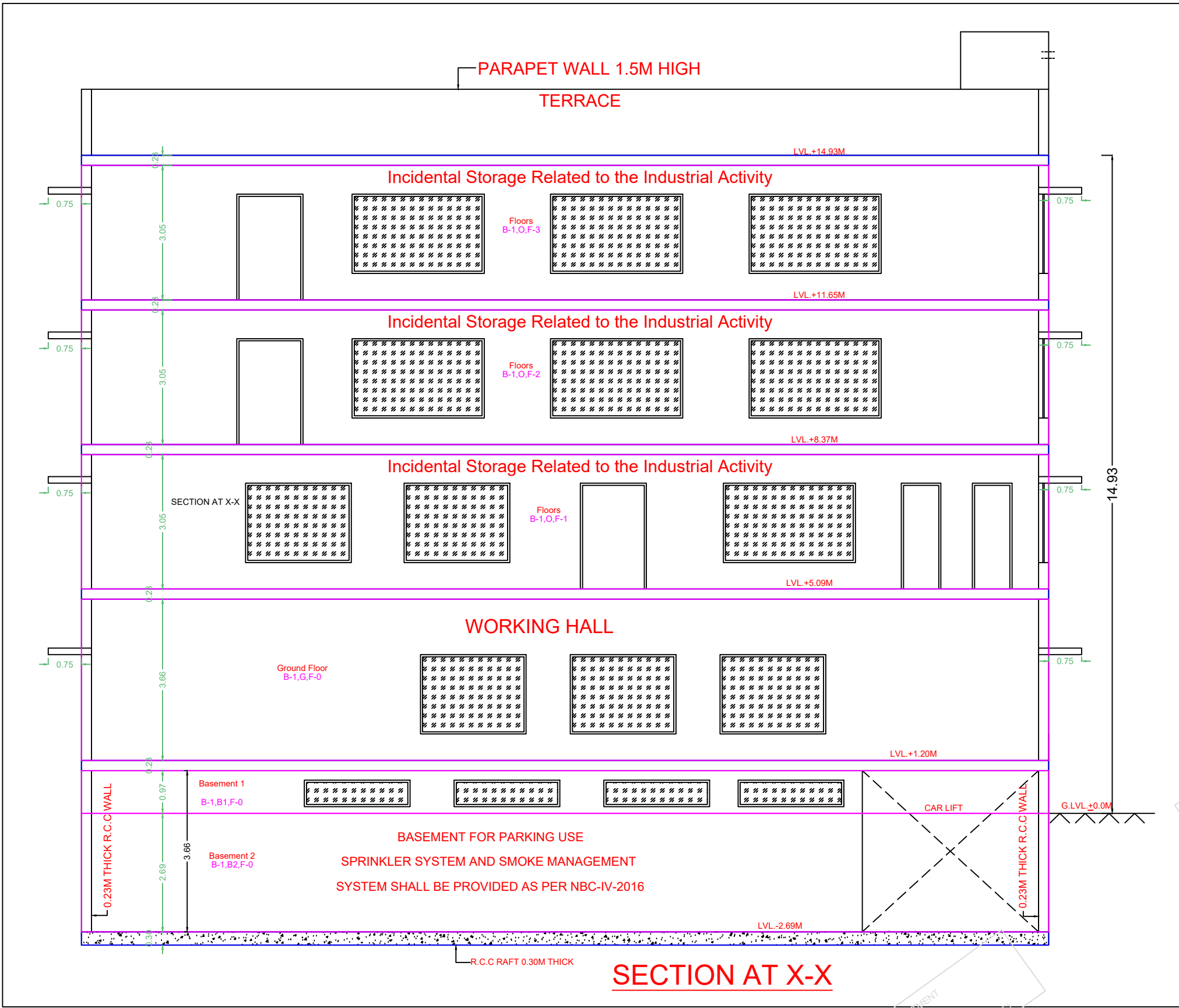




AREA CALCULATIONS:-

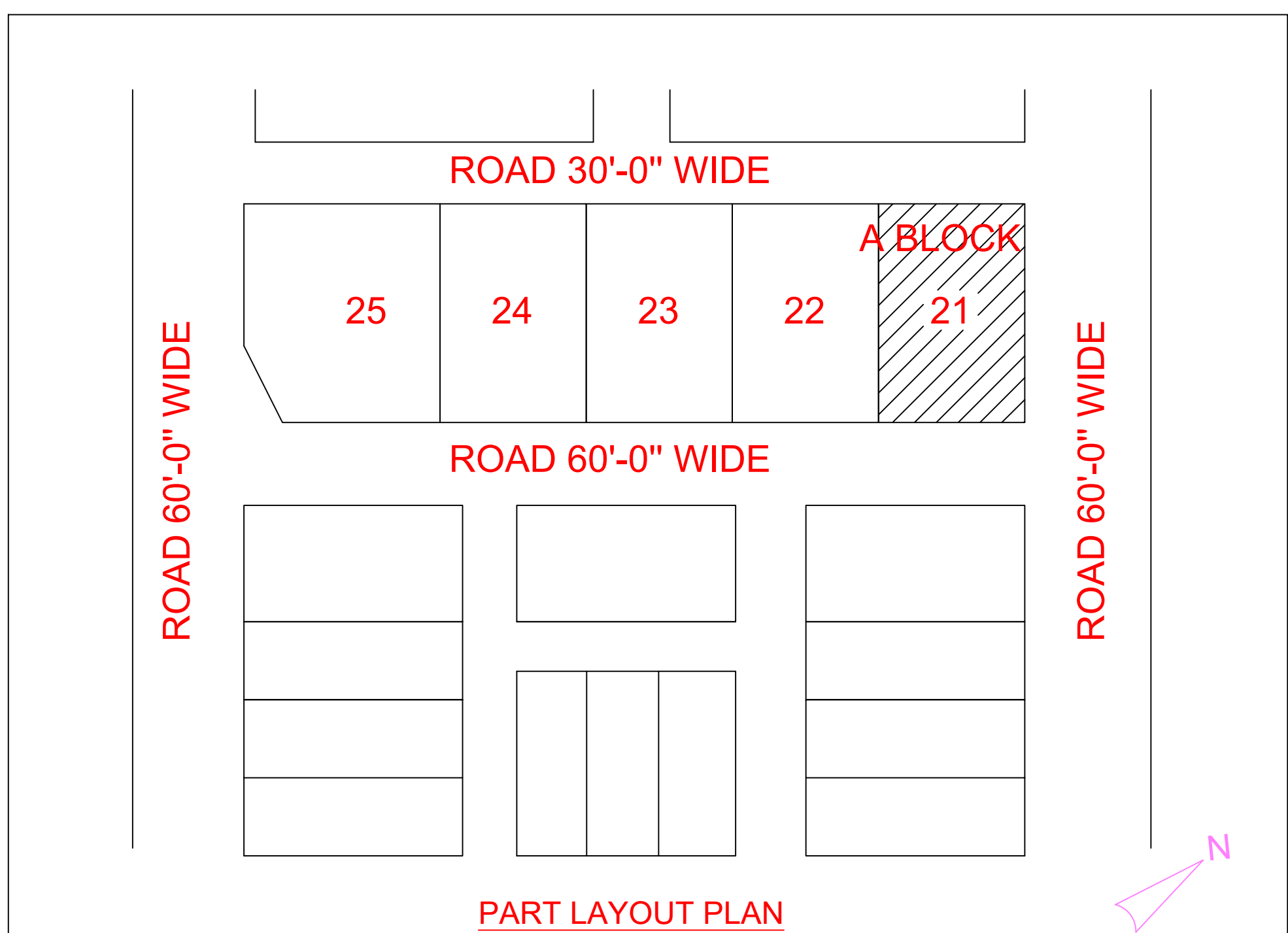
TOTAL PLOT AREA = 29.580M x 44.243M = 1308.712 SQ.M
PERM. GROUND COVERAGE 50% OF PLOT AREA = 654.356 SQ.M
PERM. F.A.R 200% OF PLOT AREA = 2617.424 SQ.M
DETAIL OF OPEN AREA
1 = 3.96M x 6.10M = 24.16 SQ.M
2 = 1.83M x 1.83M = 3.35 SQ.M
3 = 1.83M x 1.83M = 3.35 SQ.M
4 = 3.96M x 6.10M = 24.16 SQ.M
55.02 SQ.M

PROPOSED COVD. AREA ON GROUND FLOOR = AREA(A) - OPEN AREA
= 21.96M x 30.75M - 55.02 SQ.M = 675.27 - 55.02 SQ.M = 620.25 SQ.M
PROPOSED COVD. AREA ON FIRST FLOOR = AREA(B) - OPEN AREA(1+2)
= 21.96M x 16.12M - (24.16+3.35) SQ.M = 353.99 - 27.51 SQ.M = 326.48 SQ.M
PROP.COVD. AREA ON SECOND FLOOR = SAME AS F. FLOOR = 326.48 SQ.M
PROP.COVD. AREA ON THIRD FLOOR = SAME AS S. FLOOR = 326.48 SQ.M
PROP.COVD. AREA ON BASEMENT = SAME AS GRD. FLOOR = 620.25 SQ.M
PROP.COVD. AREA ON ALL FLOOR = 620.25 + 326.48 + 326.48 + 326.48 SQ.M
= 1599.69 SQ.M
PROPOSED F.A.R = 1599.69 x 100 / 1308.712 = 122.23%

PARKING CALCULATIONS:-

TOTAL COVD. AREA ON ALL FLOORS = 1599.69 SQ.M
REQUIRED ECS = 1599.69 / 50 = 31.99 ECS
ECS PROVIDED IN OPEN AREA = AREA(W+X+Y+Z) / 23
W = 29.58M x 6.10M = 180.44 SQ.M
X = 4.57M x 30.75M = 140.53 SQ.M
Y = 29.58M x 7.39M = 218.60 SQ.M
Z = 30.75M x 3.05M = 93.79 SQ.M
ECS PROVIDED IN OPEN AREA = 633.36 - (3.00x2.00) / 23
= 633.36 - 6.00 / 23 = 627.36 SQ.M / 23 = 27.28 ECS
ECS PROVIDED IN BASEMENT = 21.96 x 30.75 - AREA(M+N)
M = 2 x (4.42 x 8.62) = 76.20 SQ.M
N = 2.00M x 2.00M = 4.00 SQ.M
ECS PROVIDED IN BASEMENT = 675.27 - 82.82 / 32
= 592.45 / 32 = 18.51 ECS
TOTAL ECS PROVIDED = 27.28 + 18.51 ECS = 45.79 ECS

FLOOR MKD.	F.A.R. AREA (SQ.M.)	NON F.A.R. AREA	TOTAL AREA (SQ.M.)
BASEMENT	-----	675.27	675.27
GROUND FLR.	620.25	55.02	675.27
FIRST FLR.	326.48	27.51	353.99
SECOND FLR.	326.48	27.51	353.99
THIRD FLR.	326.48	27.51	353.99
TERRACE	NIL	40.10	40.10
TOTAL	1599.69	852.92	2452.61



PROJECT TITLE

PROPOSED BUILDING PLANS FOR CONSTRUCTION OF A INDUSTRIAL BUILDING ON PLOT NO. 21, BLOCK-A, SITUATED AT REWARI LINE INDUSTRIAL AREA, PHASE-I KNOWN AS MAYA PURI , PHASE -I, NEW DELHI - 110064

OWNER'S NAME

SH. RAJIV ANAND

SCALE 1 : 100
DRG. TITLE SUB. DRG.
SHEET NO. 3
DATE 28-03-2024

ARCHITECT RANENDER MALHOTRA
CA/2005/35064
3G/202, N.I.T. FARIDABAD
PHONE : 9811732627

OWNER'S SIGNATURE

L

STRUCTURAL ENGINEER

SUSHIL KUMAR
SE-29
HOUSE NO. 37, STREET NO.-3
ARJUN NAGAR WEST, DELHI-110051

