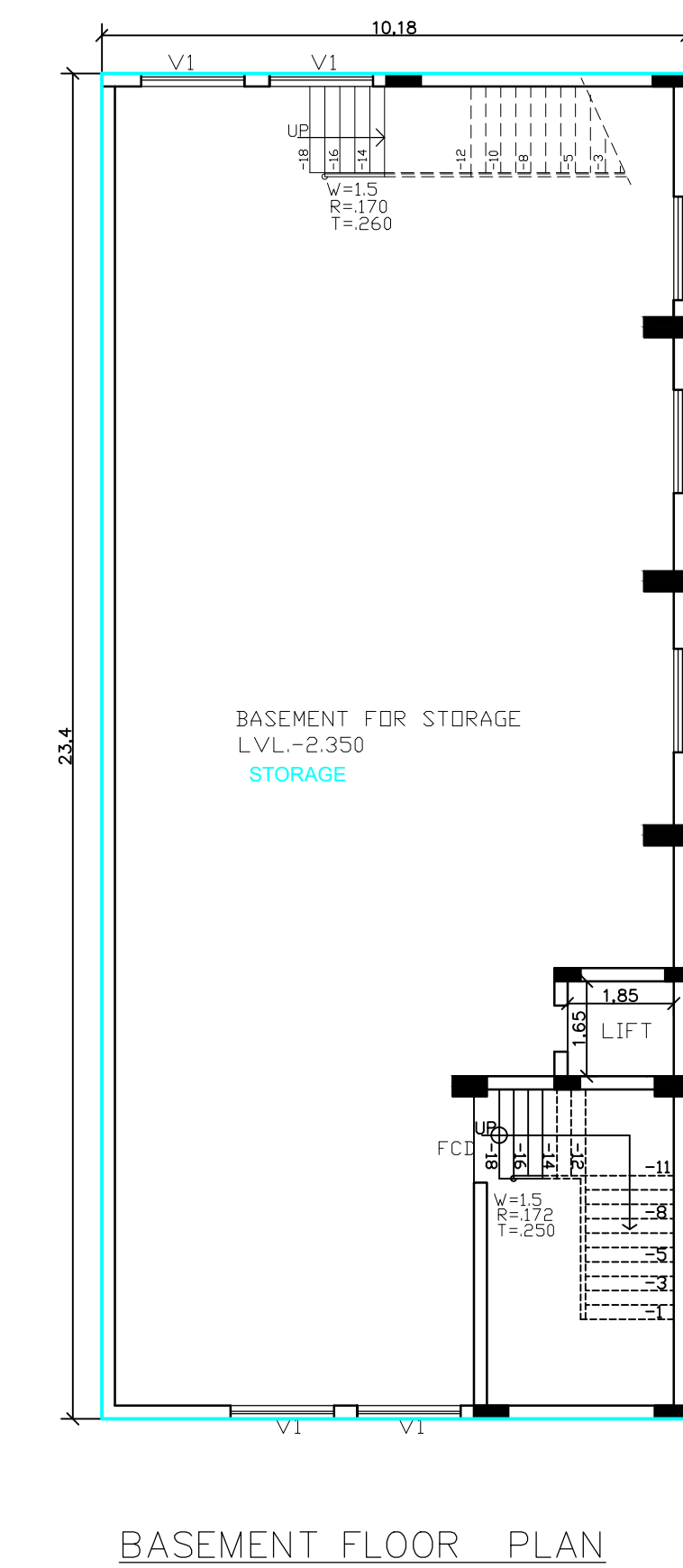
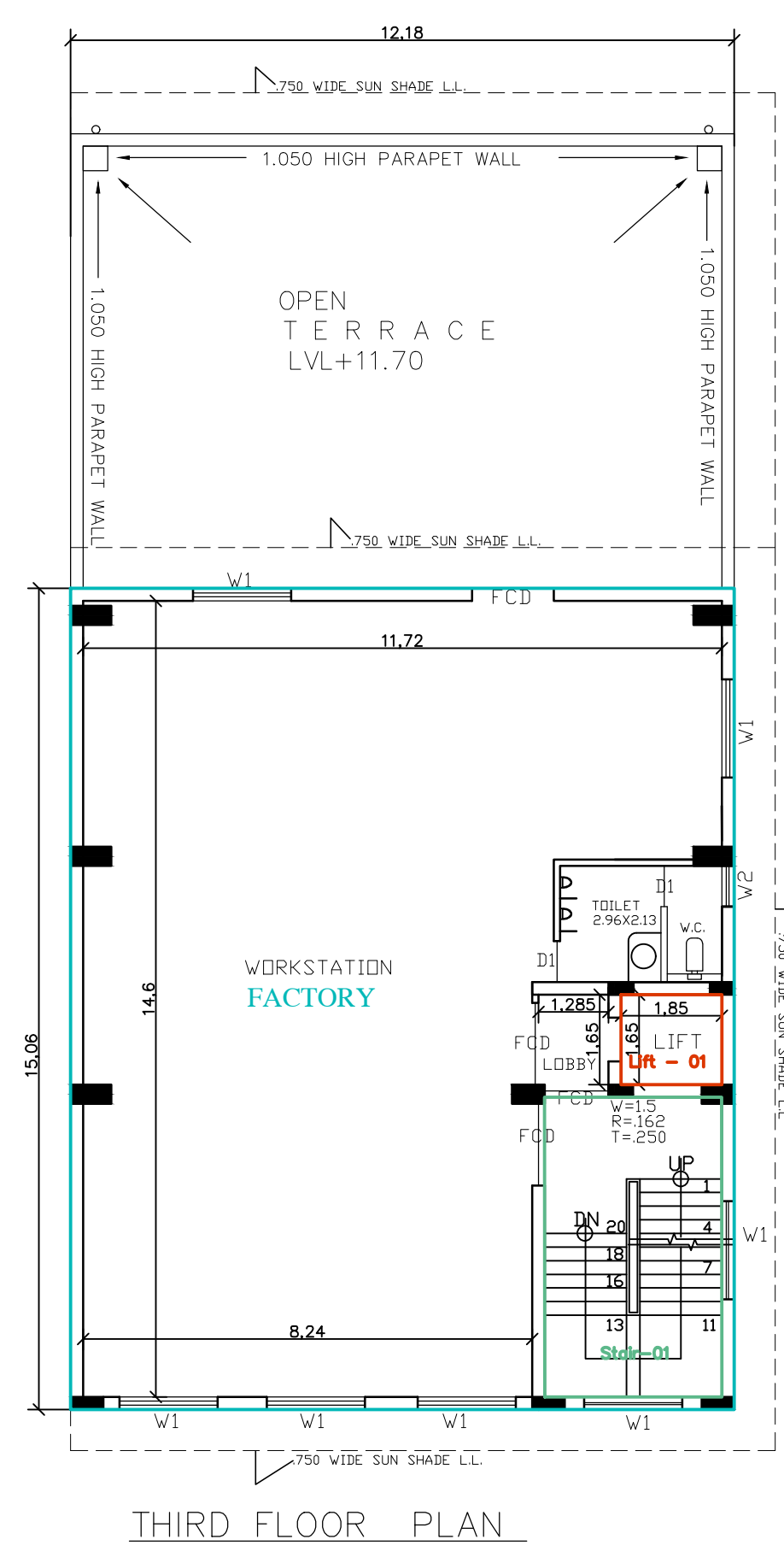
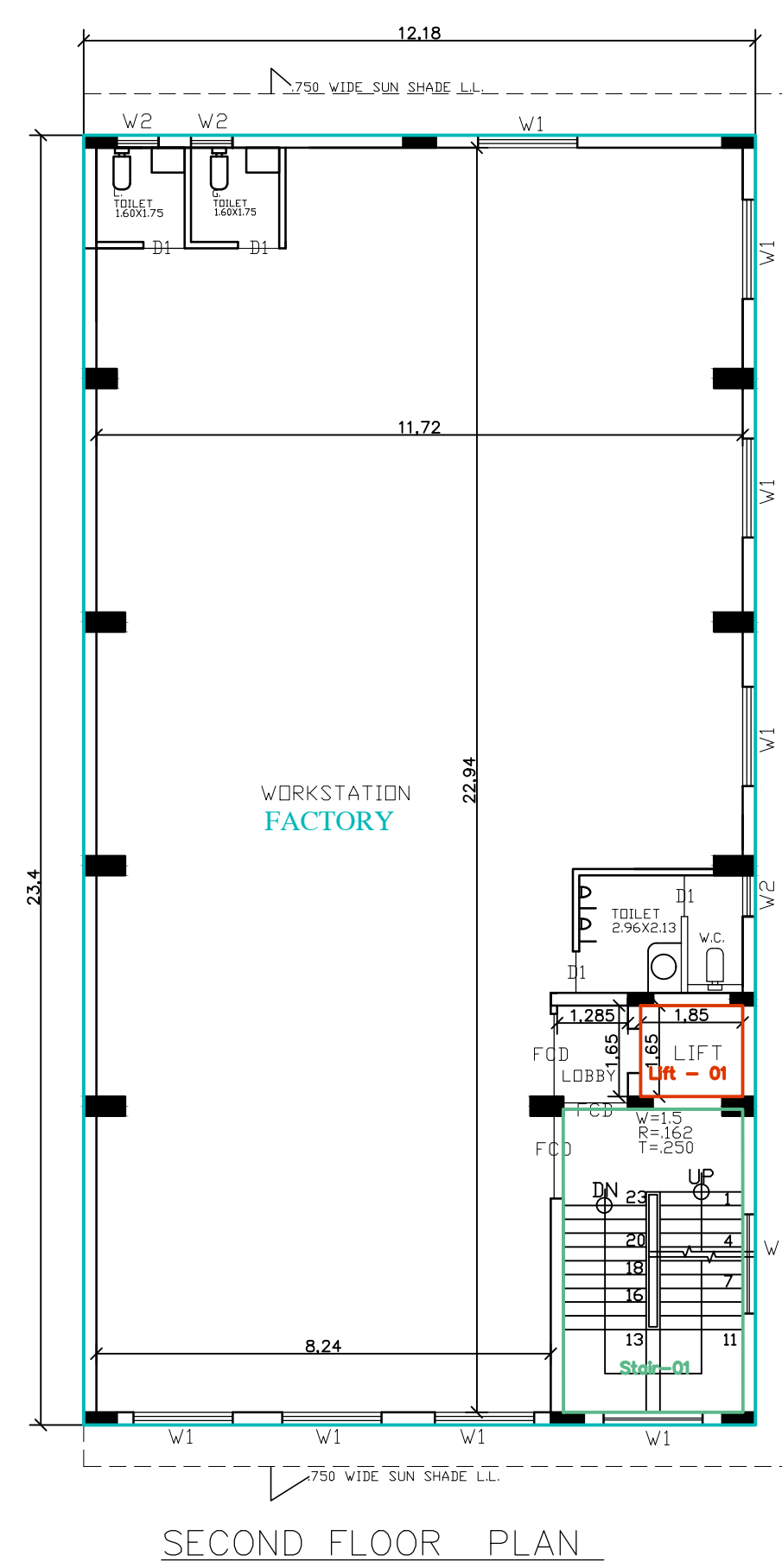
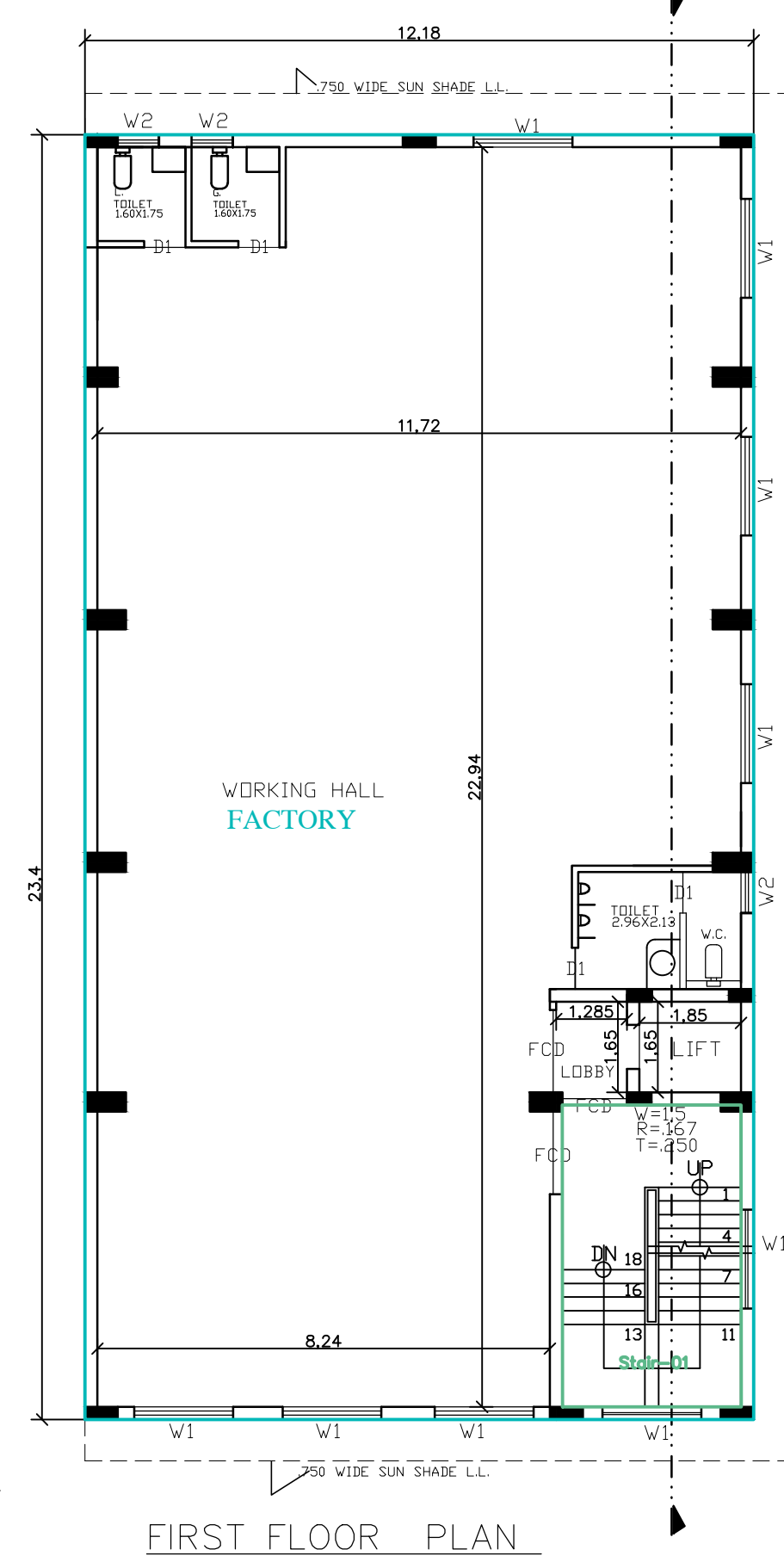
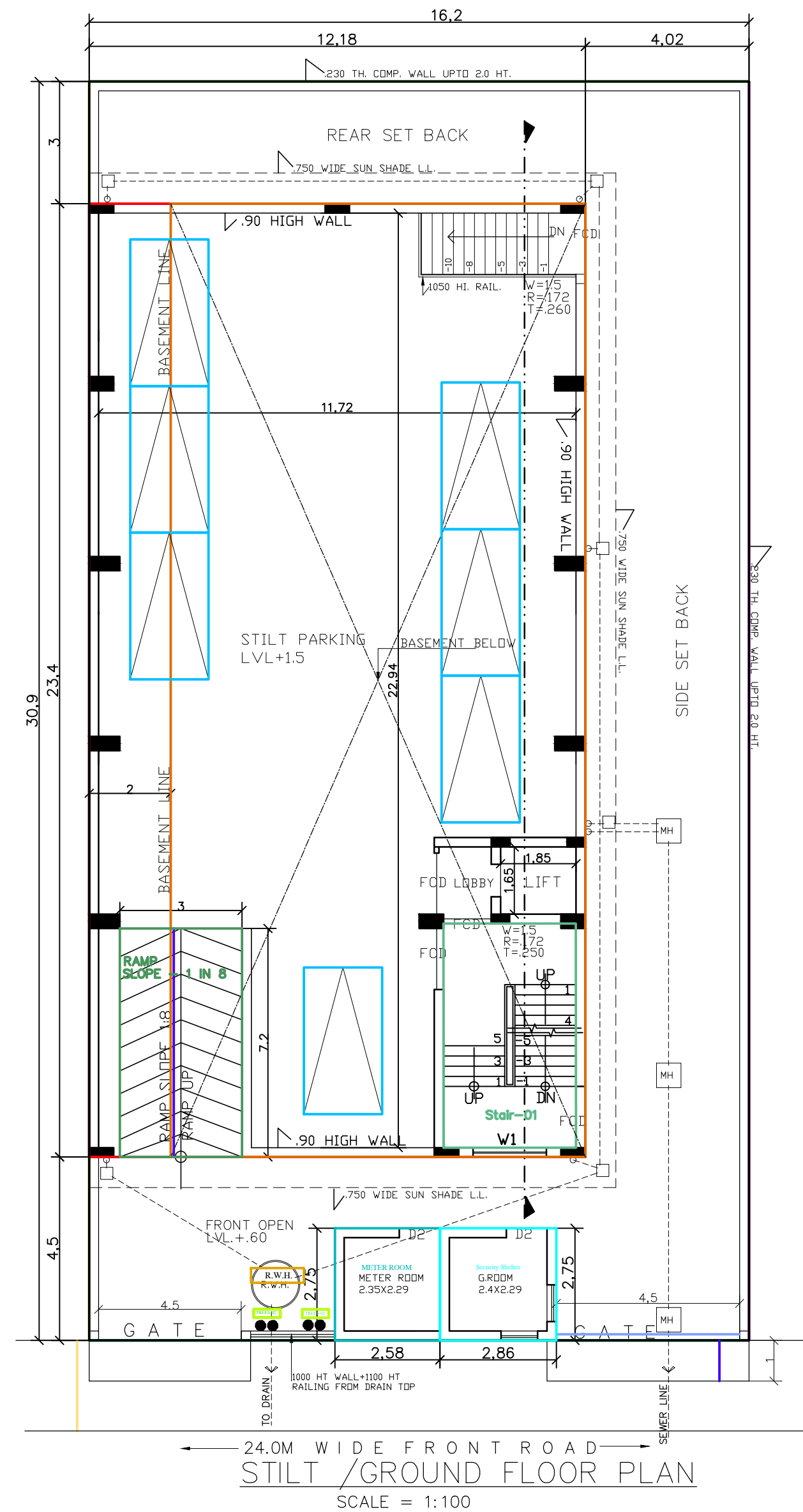
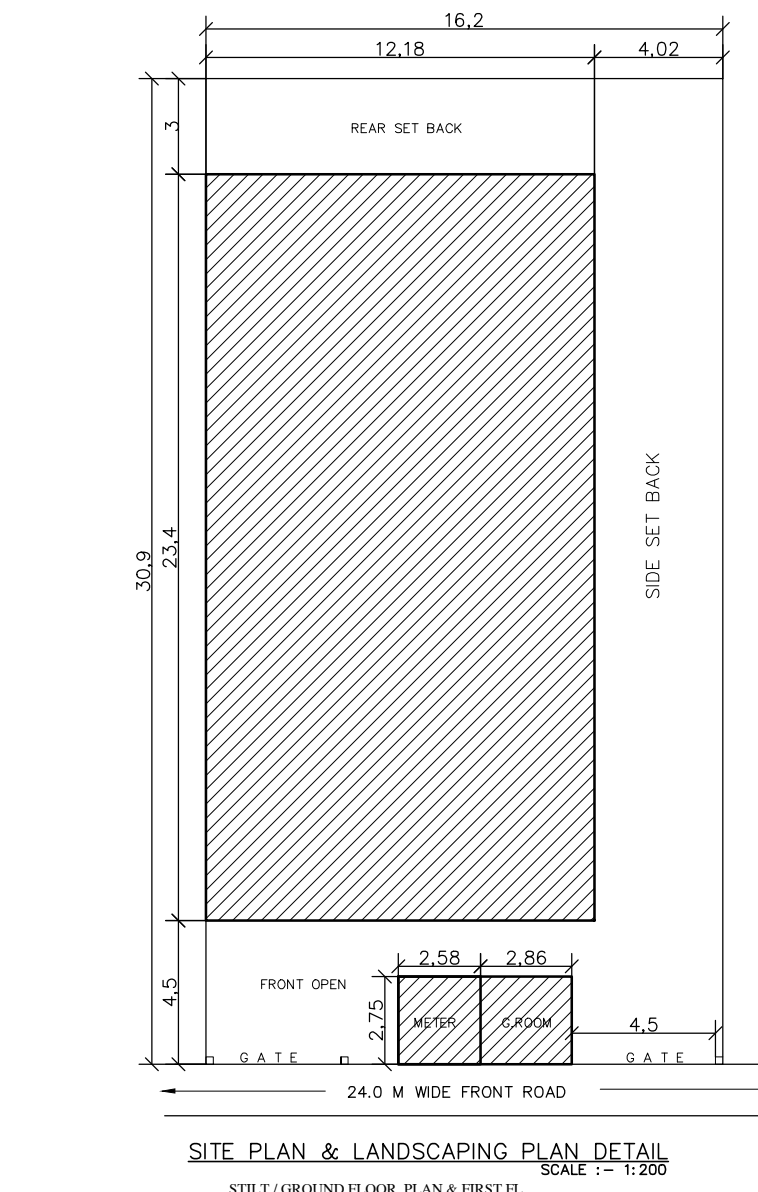
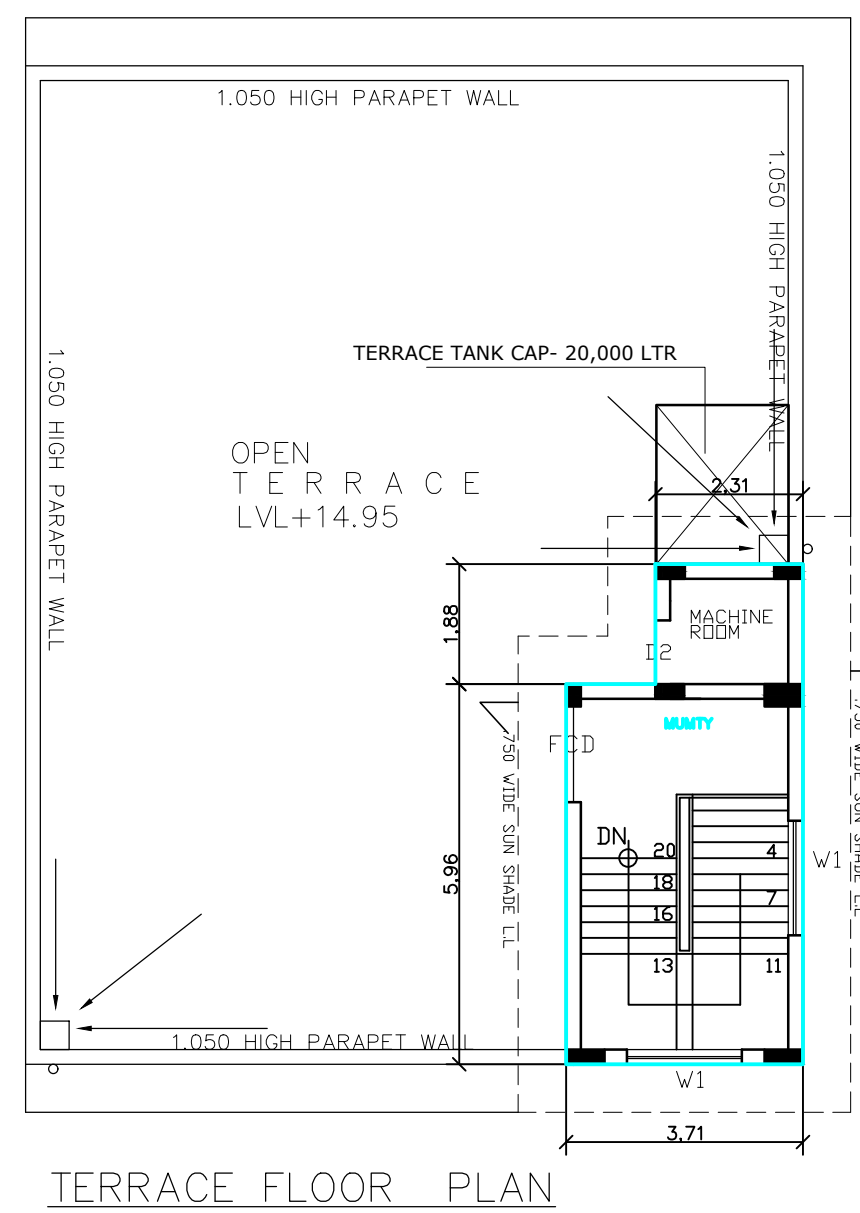
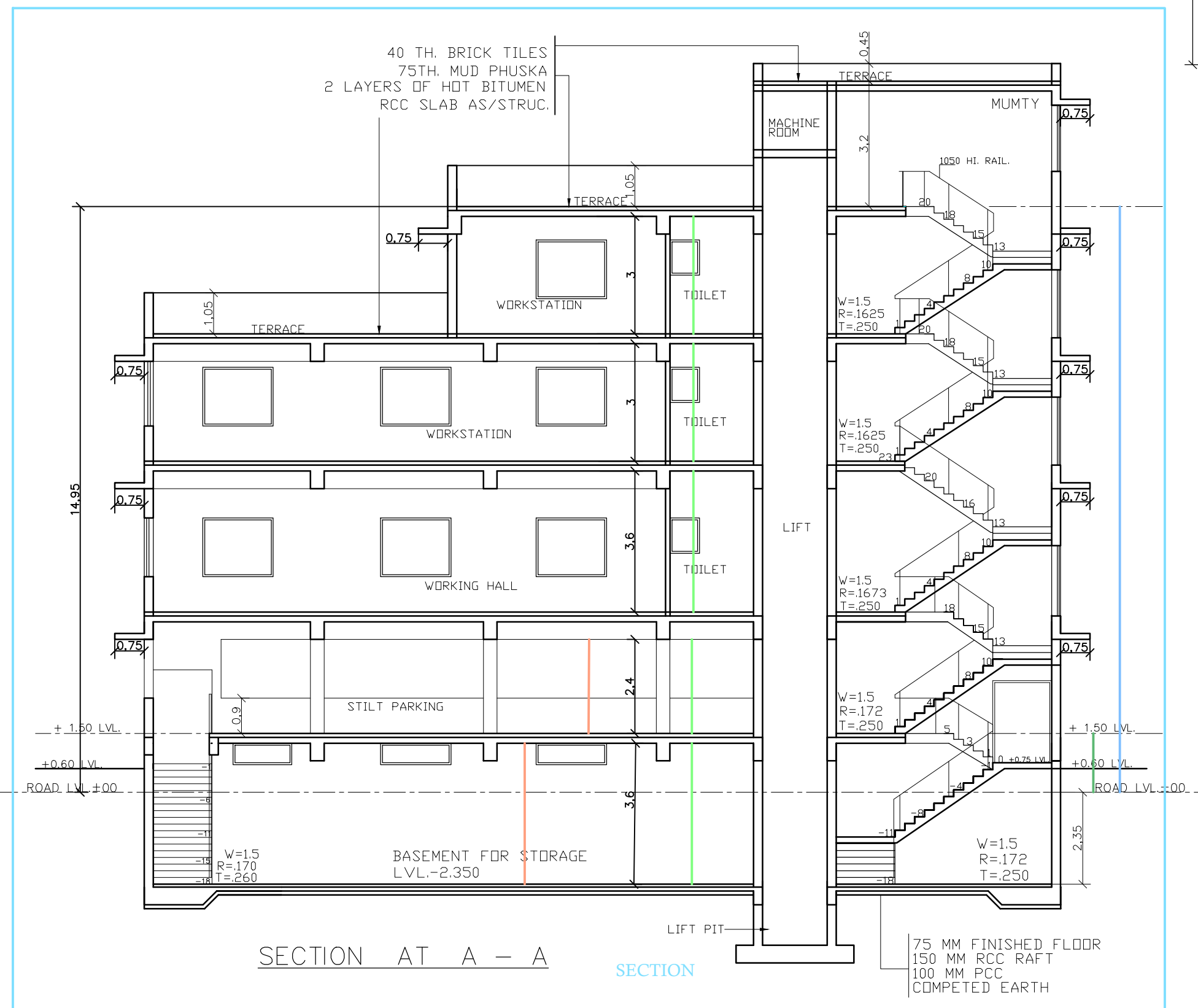
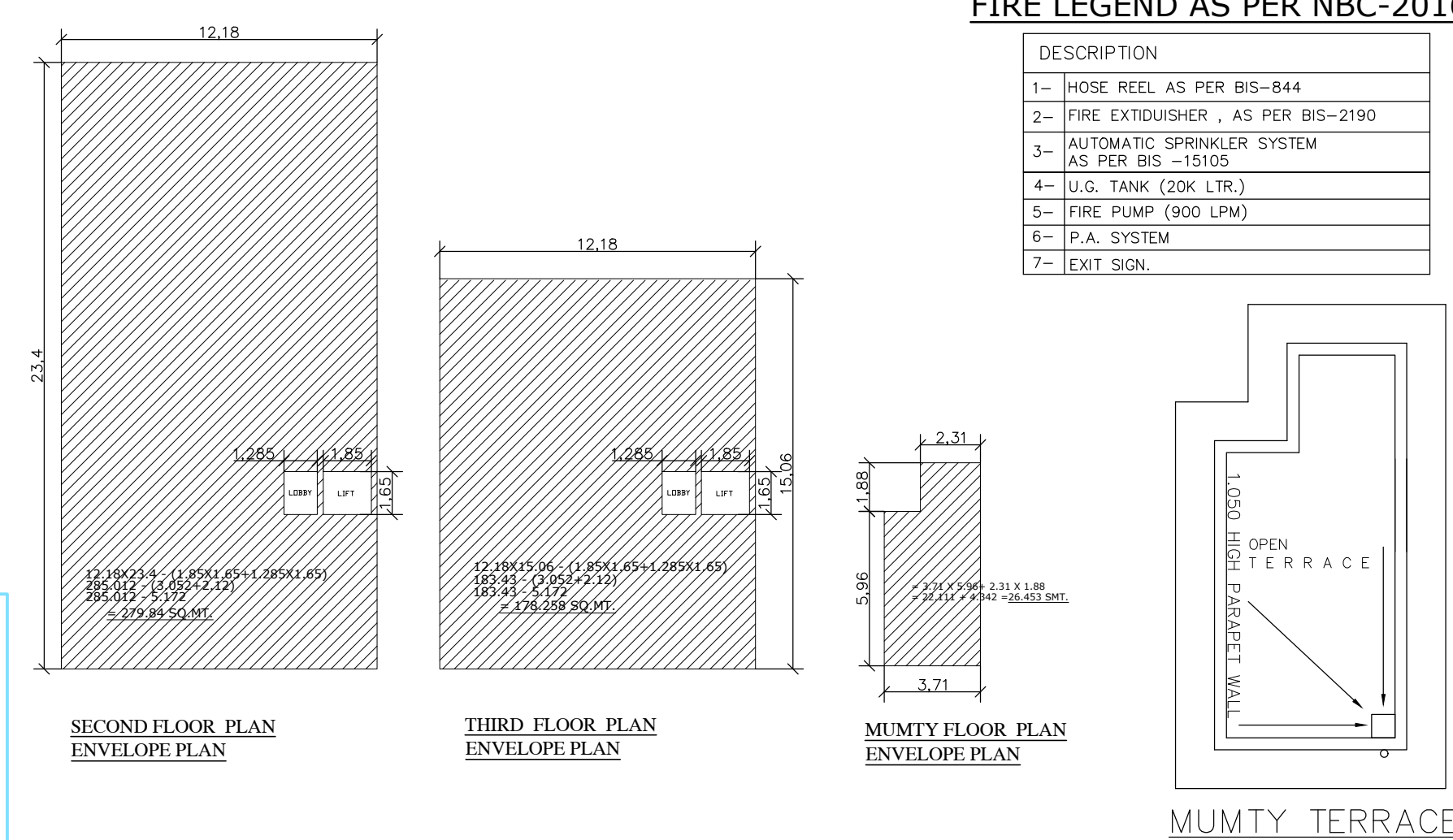
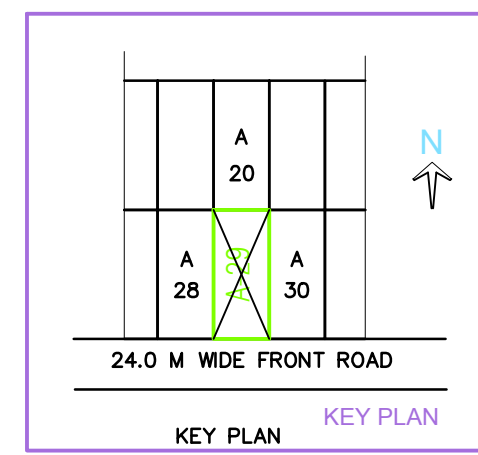
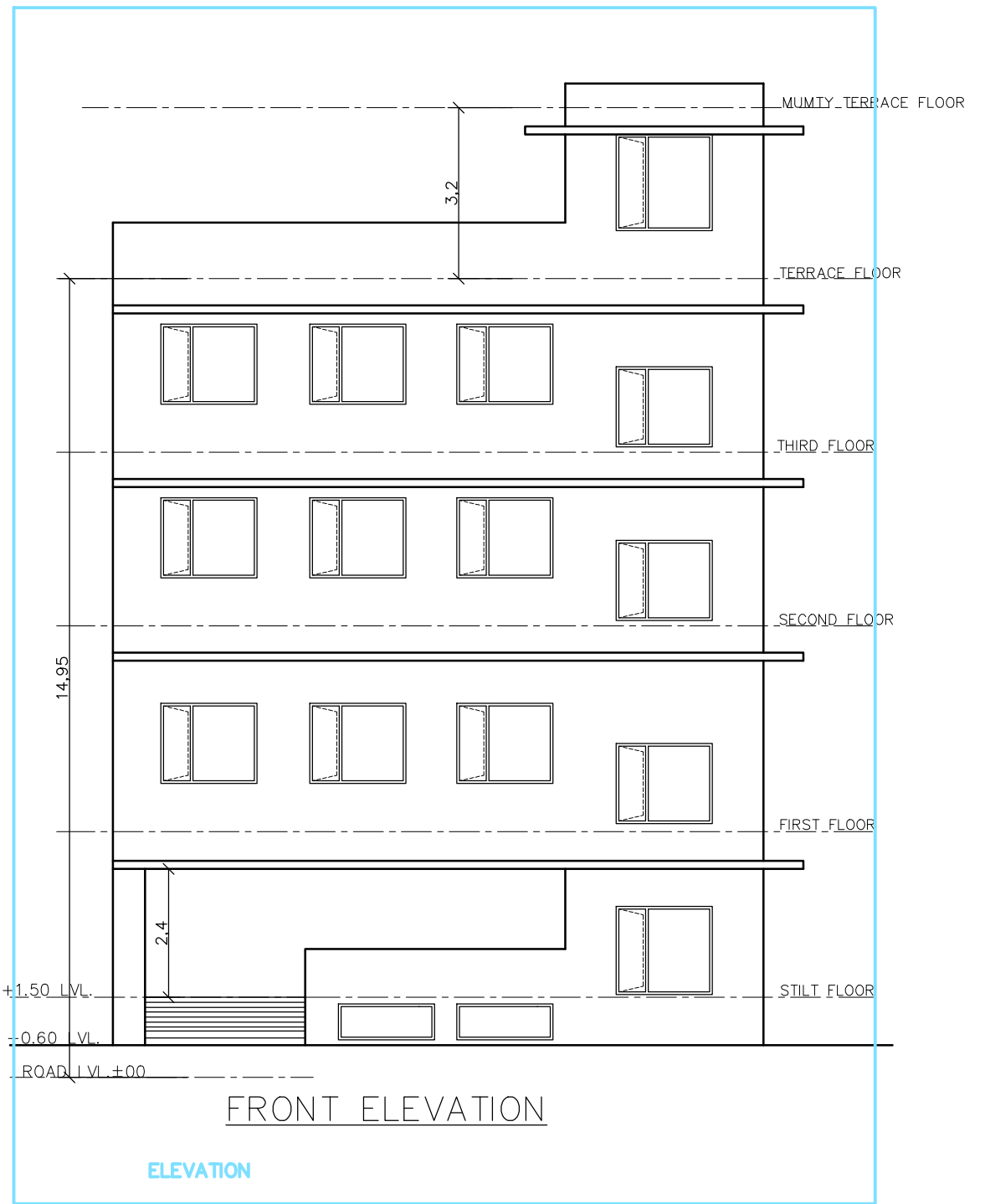




DESCRIPTION	
1-	HOSE REEL AS PER BIS-844
2-	FIRE EXTINGUISHER , AS PER BIS-2190
3-	AUTOMATIC SPRINKLER SYSTEM AS PER BIS -15105
4-	U.G. TANK (20K LTR.)
5-	FIRE PUMP (900 LPM)
6-	P.A. SYSTEM
7-	EXIT SIGN.

TOTAL PLOT AREA = 16.2X30.9 M = 500.60 SQ.MT.
 PERMI. F.A.R 1.5= 750.90 SQ.MT.
 PERMI. G./FLOOR COVERAGE @ 60% OF PLOT AREA =
 = 300.36 SQ.M.

$$\begin{aligned} \text{PROP. COVD. AREA ON GROUND FL. (METER ROOM)} &= \\ &= 2.58 \times 2.75 \\ &= \underline{7.095 \text{ SQ.MT.}} \end{aligned}$$

PROP. COVD. AREA ON FIRST FL. =
12.18X23.40
= 285.012 SQ.MT.

PROP. COVD. AREA ON SECOND FL. - (LIFT+LOBBY)
285.012 - (1.85X1.65+1.285X1.65)
285.012 - (3.052+2.12)
285.012 - 5.172
= 279.84 SQ.MT.

PROP. COVD. AREA ON THIRD FL. - LIFT+LOBBY
 $12.18 \times 15.06 - (1.85 \times 1.65 + 1.285 \times 1.65)$
 $183.43 - (3.052 + 2.12)$
 $183.43 - 5.172$
 $= 178.258 \text{ SQ.MT.}$

$$\begin{aligned} \text{TOTAL F.A.R. AREA ON G.FL. METER RM+ F .FL.+S.FL.+T.FL.} &= \\ &= 7.095 + 285.012 + 279.84 + 178.258 \\ &= \underline{750.205 \text{ SQ.MT.}} \end{aligned}$$

TOTAL COVD. AREA ON GROUND FL.=
STILT FL.+METER ROOM+G.ROOM
285.012+7.095+7.865
= 299.972 SQ.MT.

MUMTY / MACHINE RM. AREA = $3.71 \times 5.96 + 2.31 \times 1.88$
 $= 22.111 + 4.342 = \underline{26.453 \text{ SMT.}}$

PROP. COVD. AREA ON STILT/F = $12.18 \times 23.40 = 285.012$ SQ.MT.
PROP. COVD. AREA ON BASEMENT/F =
= $10.18 \times 23.40 = 238.212$ SQ.MT.

LIFT & LOBBY = $1.85 \times 1.65 + 1.65 \times 1.285 \times 2$
 $3.052 + 2.12 \times 2$
10.344 SQ.M.

GUARD ROOM = 2.86×2.75
7.865 SQ.M.

TOTAL NON. FAR = 567.886 SQ.MT.

TOTAL PROP COVD.FAR & NON. FAR =
=750.205+567.886 = 1318.091 SQ.MT.

TOTAL F.A.R. ALLOWED = 750.90 SQ.MT.
 PARKING REQUIRED= 750.90 /100 = 7.509 ECS.
 AREA REQUIRED FOR CAR PARKING = 30 X 7.509 = 225.27 SQ.MT.
 AREA AVAILABLE STILT FOR PARKING =
 = 12.18X23.4 = 285.012 SQ.MT.

$$\begin{aligned} \text{OPEN AREA} &= 500.60 - 299.972 = 200.628 \text{ SMT.} \\ \text{LAND SCAPING AREA} &= \frac{\text{OPEN AREA}}{4} = \frac{200.628}{4} \\ &= \underline{51.157 \text{ SMT.}} \end{aligned}$$

1. FCD = 1.50×2.40
2. D1 = $.750 \times 2.10$
2. D2 = $.90 \times 2.10$
3. W1 = 1.80×1.80
4. W2 = $.750 \times .750$
5. V1 = $.450 \times 1.8$

1. NOS. OF WORKER'S = 20 MALE ONLY
2. WHERE THE LIGHT AND VENTILATION REQUIREMENTS ARE NOT MET THROUGH DAY LIGHT & NATURAL VENTILATION. THE SAME SHALL BE ENSURED THROUGH ARTIFICIAL LIGHTING AND MECHANICAL VENTILATIONS AS PER LATESTS PROVISIONS OF THE NATIONAL BUILDING CODE.

SCALE - 1:100, 1:200

DRG. NO.	
DEALT BY:	Ravindra kumar
OWNER SIGN.	

DATE: 25-02-2025
CHKD. BY.
ARCHITECT SIGN.

AR. RAKESH K. JAIN
ATTN, MCA.CA/2005/37040
H-19,SECTOR-41, NOIDA

RAKESH JAIN & ASSOCIATES
Architects, Engineers and Interior Designers
H-19, SECTOR-41, AT NOIDA (U.P.) -201301.
e-mail: architect.rakesh.jain@gmail.com