S.N.	STORM LEGENDS :-	
01	STORM LINE	
02	STORM MANHOLE WITH COVER	●
03	STORM MANHOLE WITHOUT GRATING (600X600)	■
04	STORM MANHOLE WITH GRATING (600X600)	■
05	DE-SILTING CHAMBER (1500X1000)	■
06	RECHARGE PIT (3000X4000)	▭
07	CATCH BASIN WITHOUT GRATING (450X450)	■
08	CATCH BASIN WITH GRATING (450X450)	▣
09	300X300 GRATING COVER	■
10	300X300 SOILD COVER	■
11	DRAIN CHANEEL WITH 300X300 GRATING	▭
12	DRAIN CHANEEL WITH 300X300 SOLID COVER	▭
13	DRAIN CHANEEL WITH OPHABLE-SOLID COVER	▭

HANDICAPPED PARKING CALCULATION
PHASE-1 & 2

SURFACE CAR PARKING CALCULATION
PHASE-2

SURFACE CAR PARKING CALCULATION
PHASE-1

SURFACE CAR PARKING CALCULATION (EWS)

SURFACE STAIRCASE

SURFACE CAR PARKING AREA CALCULATION									
GROSS - A									
PR1	=	1	X	25.000	X	9.500	=	237.500	SQM
PR2	=	1	X	11.000	X	35.000	=	385.000	SQM
PR3	=	1	X	27.500	X	12.000	=	330.000	SQM
PR4	=	4	X	11.400	X	6.300	=	287.280	SQM
						TOTAL	=	1239.780	SQM
TOTAL SURFACE CAR PARKING AREA					=	GROSS - A			
					=	1239.780	SQM		
NO OF CAR ACHIEVABLE					=	1239.780	/	23	
					=	54	CARS		

SURFACE STAIRCASE AREA CALCULATION									
GROSS - A									
ST1	=	1	X	3.150	X	6.280	=	19.782	SQM
ST2	=	0.5	X	4.355+3.100	X	4.650	=	17.333	SQM
						TOTAL	=	37.115	SQM

AREA STATEMENT

LICENCSED AREA OF SITE =9.53 ACRE
AREA OF SITE AS PER ZONING =9.53 ACRES OR 38566.481 SQM.
PERMISSIBLE F.A.R.@ 175% =67491.342 SQM.
PERMISSIBLE GREEN FAR @ 12%(IGBC GOLD RATING)=4627.977 SQM.
TOTAL PERMISSIBLE F.A.R @187 (175+12) =72119.319 SQM.
PROPOSED F.A.R. =71935.485 SQM. OR 71935.485X100 =186.523 %
38566.481

PERMISSIBLE GROUND COVERAGE @35% =13498.268 SQM.
PROPOSED GROUND COVERAGE =4629.053 SQM. OR 4629.053X100 =12.002%
38566.481

PERMISSIBLE AREA OF CONVENIENT SHOPPING @ 0.5% = 38566.481X0.5/100 = 192.832 sqm.
PROPOSED AREA OF CONVENIENT SHOPPING = 192.064 OR 192.064X100/38566.481 = 0.498%

PERMISSIBLE DENSITY = 100 TO 300 PPA
PROSOSED DENSITY = 2408/9.53 = 252.675 PPA

REQUIRED PUBLIC AMENITIES

REQUIRED EWS UNITS =15% OF TOTAL UNITS (MAIN+EWS) = 15X518/100 = 77.7 TO SAY 78 NOS.
PROPOSED EWS UNITS =94 NOS. OR 94X100/518 = 18.14%
REQUIRED SERVANT ROOMS =10% OF MAIN UNITS =10X424/100 = 42.4 TO SAY 43 NOS.
PROPOSED SERVANT ROOMS =50 NOS. OR 50X100/424 = 11.79%

POPULATION CALCULATION

MAIN UNITS = 424 X 5 =2120
EWS = 94 X 2 = 188
SERVANTS = 50 X 2 = 100
TOTAL =2408
ORGANIZED OPEN SPACE i.e tot-lots REQUIRED =5784.972 SQM. = 15% OF THE PLOT
ORGANIZED OPEN SPACE i.e tot-lots PROVIDED =5787.523 SQM. = 15.006 % OF THE PLOT

CAR PARKINGPARKING

REQUIRED CAR PARKING FOR MAIN UNITS = 1.5 ECS PER MAIN UNIT
= 424 x 1.5 = 636 ECS
PROPOSED CAR PARKING FOR MAIN UNITS = 706 ECS

CAR PARKING TO BE MADE AVAILABLE TO EWS UNITS = @5% OF 636 CARS = 31.8 OR 32 ECS
PROPOSED CAR PARKING FOR EWS UNITS = 32 ECS

CAR PARKING CAPACITY ON SURFACE = 1239.780 SQM. (@23/SQM.)= 54 ECS
PROPOSED CAR PARKING ON SURFACE = 56 ECS (32 CARS EWS +16 CARS SURFACE + 8 CARS HANDICAPPED)

CARS PROPOSED	
BASEMENT-1(PHASE-1)	=339
SURFACE(PHASE-01&2)	=16
SURFACE HANDICAPPED (PHASE-01&2)	=08
BASEMENT-1(PHASE-2)	=171
BASEMENT-2(PHASE-2)	=172
TOTAL	=706

SURFACE PARKING FOR EWS= 7 CARS
SURFACE PARKING (STACK PARKING) FOR EWS=7X2=14 CARS
STILT CAR PARKING FOR EWS=11 CARS
TOTAL CAR PARKING FOR EWS=32 CARS

KEY PLAN

NOTE :
1. ALL THE DIMENSIONS MENTIONED ARE IN MM.
2. FFL - INDICATES FINISHED FLOOR LEVEL
FRL - INDICATES FINISHED ROAD LEVEL
3. +/-0.000 FFL CORRESPONDS TO FRL AT SITE
4. ALL DIMENSIONS SHALL BE VERIFIED ON SITE PRIOR TO START OF WORK. ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT.
5. THIS DRAWING IS TO BE READ AND NOT TO BE SCALED.
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND SERVICES DRAWING. ANY DISCREPANCY NOTICED SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANTS WITHIN 7 WORKING DAYS OF RECEIVING THE DRAWINGS, PRIOR TO PROCUREMENT/EXECUTION OF WORKS
7. ALL DIMENSIONS SHOWN IN THIS PLAN ARE ONLY INDICATIVE , REFER SCHEDULE OF JOINERY FOR DETAILS
8. FOR SLAB CUTOUT DETAILS REFER STRUCTURAL DRAWING
9. PLEASE CHECK THE RESPECTIVE SANCTION PLANS BEFORE COMMENCEMENT OF WORK.

T.O.W. -TOP OF WALL/COLUMN/PORTAL
T.O.S. -TOP OF SLAB
T.O.P. -TOP OF PEDESTAL/PLANTER/SEAT
T.O.T. -TOP OF TRELLIS/PERGOLA
T.O.R. -TOP OF RAILING
F.F.L. -FINISHED FLOOR LEVEL
F.G.L. -FINISHED GRADE FOR PLANTING SOIL
CB.F.L. -CATCH BASIN FINISHED FLOOR LEVEL

PHASE-1 LINE
PHASE-2 LINE
PHASE-3 LINE
SETBACK LINE
BASEMENT LINE

ESTIMATE SUBMISSION

REV.NO	DATE	DESCRIPTION	BY

REVISION SCHEDULE:

PROJECT:
EMAAR
GURUGRAM

CLIENT:
EMAAR
SECTOR 62, GURUGRAM

STRUCTURAL CONSULTANT:
TPC TECHNICAL PROJECTS CONSULTANTS PVT. LTD
NOIDA 201301, INDIA

MEP CONSULTANT:
AEON
A-122, 6TH FLOOR, SECTOR 136, NOIDA, 201 305, INDIA

LANDSCAPE CONSULTANT:
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• MUMBAI • BENGALURU • PUNE • DELHI • HYDERBAD

DRAWING NO:	REV NO:
EMD-62/AEON/ST-001	R0

TITLE:
SITE PLAN
STORM LAYOUT

JOB NO:
DMI20220454

DATE	SCALE	DRAWN BY	CHECKED	APPROVED
03-06-2023	1 : 550	S.K	R.K	R.S

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