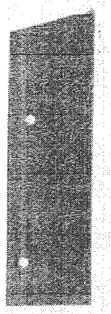
Dean. water supply



FAR CALCULATIONS OF EACH BUILDING BLOCK (SQM)

BUILDING BLOCKS	TOWER A & B	TOWER A & B	TOWER C & D WING	TOWER C & D CENTRE	EWS	COMMUNITY BUILDING	COMMERCIAL	SCHOOL
NO. OF FLOORS	G+11	G+11	G+17	G+13	ETB,7+6	G+1	G	G
TOTAL NO. BLOCKS	1	1	4	2	1	1	1	1
FLOOR								
7TH FLOOR					214.90			
GROUND FLOOR	701.34	701.34	862.125	537.375		1006.354	297.259	51.505
1STFLOOR	847.785	847.785	861.425	573.75	427.750	506.179		
2ND FLOOR	847.785	847.785	861.425	573.75	427.750			
3RD FLOOR	847.785	847.785	861.425	573.75	427.750			
4TH FLOOR	847.785	847.785	861.425	573.75	427.750			
5TH FLOOR	847.785	847.785	861.425	573.75	427.750			
6TH FLOOR	847.785	847.785	861.425	573.75	427.750			
7TH FLOOR	847.785	847.785	861.425	573.75	427.750			
8TH FLOOR	847.785	847.785	861.425	573.75	427.750			
9TH FLOOR	847.785	847.785	861.425	573.75	427.750			
10TH FLOOR	847.785	847.785	861.425	573.75	427.750			
11TH FLOOR	847.785	847.785	861.425	573.75	427.750			
12TH FLOOR	847.785	847.785	861.425	573.75	427.750			
13TH FLOOR	847.785	847.785	861.425	573.75	427.750			
14TH FLOOR			861.425	573.75				
15TH FLOOR			861.425	573.75				
16TH FLOOR			861.425	573.75				
17TH FLOOR			861.425	573.75				
18TH FLOOR			861.425	573.75				
19TH FLOOR			861.425	573.75				
20TH FLOOR			861.425	573.75				
21ST FLOOR			861.425	573.75				
22ND FLOOR			861.425	573.75				
23RD FLOOR			861.425	573.75				
24TH FLOOR			861.425	573.75				
25TH FLOOR			861.425	573.75				
26TH FLOOR			861.425	573.75				
27TH FLOOR			861.425	573.75				
28TH FLOOR			861.425	573.75				
29TH FLOOR			861.425	573.75				
30TH FLOOR			861.425	573.75				
31ST FLOOR			861.425	573.75				
32ND FLOOR			861.425	573.75				
33RD FLOOR			861.425	573.75				
34TH FLOOR			861.425	573.75				
35TH FLOOR			861.425	573.75				
36TH FLOOR			861.425	573.75				
37TH FLOOR			861.425	573.75				
38TH FLOOR			861.425	573.75				
39TH FLOOR			861.425	573.75				
40TH FLOOR			861.425	573.75				
41ST FLOOR			861.425	573.75				
42ND FLOOR			861.425	573.75				
43RD FLOOR			861.425	573.75				
44TH FLOOR			861.425	573.75				
45TH FLOOR			861.425	573.75				
46TH FLOOR			861.425	573.75				
47TH FLOOR			861.425	573.75				
48TH FLOOR			861.425	573.75				
49TH FLOOR			861.425	573.75				
50TH FLOOR			861.425	573.75				
51ST FLOOR			861.425	573.75				
52ND FLOOR			861.425	573.75				
53RD FLOOR			861.425	573.75				
54TH FLOOR			861.425	573.75				
55TH FLOOR			861.425	573.75				
56TH FLOOR			861.425	573.75				
57TH FLOOR			861.425	573.75				
58TH FLOOR			861.425	573.75				
59TH FLOOR			861.425	573.75				
60TH FLOOR			861.425	573.75				
61ST FLOOR			861.425	573.75				
62ND FLOOR			861.425	573.75				
63RD FLOOR			861.425	573.75				
64TH FLOOR			861.425	573.75				
65TH FLOOR			861.425	573.75				
66TH FLOOR			861.425	573.75				
67TH FLOOR			861.425	573.75				
68TH FLOOR			861.425	573.75				
69TH FLOOR			861.425	573.75				
70TH FLOOR			861.425	573.75				
71ST FLOOR			861.425	573.75				
72ND FLOOR			861.425	573.75				
73RD FLOOR			861.425	573.75				
74TH FLOOR			861.425	573.75				
75TH FLOOR			861.425	573.75				
76TH FLOOR			861.425	573.75				
77TH FLOOR			861.425	573.75				
78TH FLOOR			861.425	573.75				
79TH FLOOR			861.425	573.75				
80TH FLOOR			861.425	573.75				
AREA / BLOCK	1015.64	1015.64	15021.25	13112.25	8178.625	1506.533	297.259	51.505
NO. OF BLOCKS	1	1	4	2	1	1	1	1
TOTAL AREA IN ALL BLOCKS	1015.64	1015.64	60084.1	26224.5	8178.625	1506.533	297.259	51.505
TOTAL FAR	15015.64 SQ.M.(APPROX)							

EWS CALCULATIONS

BUILDING BLOCK	TOWER A & B	TOWER A & B	TOWER C & D WING	TOWER C & D CENTRE
NO. OF FLOORS	G+11	G+11	G+17	G+13
TOTAL BLOCKS	1	1	4	2
FLOOR				
7TH FLOOR				
GROUND FLOOR	8	8	8	8
1ST FLOOR	8	8	8	8
2ND FLOOR	8	8	8	8
3RD FLOOR	8	8	8	8
4TH FLOOR	8	8	8	8
5TH FLOOR	8	8	8	8
6TH FLOOR	8	8	8	8
7TH FLOOR	8	8	8	8
8TH FLOOR	8	8	8	8
9TH FLOOR	8	8	8	8
10TH FLOOR	8	8	8	8
11TH FLOOR	8	8	8	8
12TH FLOOR			8	8
13TH FLOOR			8	8
14TH FLOOR			8	8
15TH FLOOR			8	8
16TH FLOOR			8	8
17TH FLOOR			8	8
18TH FLOOR			8	8
19TH FLOOR			8	8
20TH FLOOR			8	8
21ST FLOOR			8	8
22ND FLOOR			8	8
23RD FLOOR			8	8
24TH FLOOR			8	8
25TH FLOOR			8	8
26TH FLOOR			8	8
27TH FLOOR			8	8
28TH FLOOR			8	8
29TH FLOOR			8	8
30TH FLOOR			8	8
31ST FLOOR			8	8
32ND FLOOR			8	8
33RD FLOOR			8	8
34TH FLOOR			8	8
35TH FLOOR			8	8
36TH FLOOR			8	8
37TH FLOOR			8	8
38TH FLOOR			8	8
39TH FLOOR			8	8
40TH FLOOR			8	8
41ST FLOOR			8	8
42ND FLOOR			8	8
43RD FLOOR			8	8
44TH FLOOR			8	8
45TH FLOOR			8	8
46TH FLOOR			8	8
47TH FLOOR			8	8
48TH FLOOR			8	8
49TH FLOOR			8	8
50TH FLOOR			8	8
51ST FLOOR			8	8
52ND FLOOR			8	8
53RD FLOOR			8	8
54TH FLOOR			8	8
55TH FLOOR			8	8
56TH FLOOR			8	8
57TH FLOOR			8	8
58TH FLOOR			8	8
59TH FLOOR			8	8
60TH FLOOR			8	8
61ST FLOOR			8	8
62ND FLOOR			8	8
63RD FLOOR			8	8
64TH FLOOR			8	8
65TH FLOOR			8	8
66TH FLOOR			8	8
67TH FLOOR			8	8
68TH FLOOR			8	8
69TH FLOOR			8	8
70TH FLOOR			8	8
71ST FLOOR			8	8
72ND FLOOR			8	8
73RD FLOOR			8	8
74TH FLOOR			8	8
75TH FLOOR			8	8
76TH FLOOR			8	8
77TH FLOOR			8	8
78TH FLOOR			8	8
79TH FLOOR			8	8
80TH FLOOR			8	8
NO. OF EWS UNITS IN EACH OF TOTAL	8	8	8	8
			8 X 4 = 32	8 X 2 = 16
			32 X 80 = 2560	
			2560	
PROPOSED EWS UNITS				2560 Nos.
REQUIRED SERVICE PERSONNEL				
1				
2				
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PROPOSED SERVICE PERSONNEL				80 Nos.

DU CALCULATIONS (SERVANT ROOM)

BUILDING BLOCK	TOWER A & B	
NO. OF FLOORS	G+11	G+11
TOTAL BLOCKS	1	1
FLOOR		
7TH FLOOR		
GROUND FLOOR	4	4
1ST FLOOR	4	4
2ND FLOOR	4	4
3RD FLOOR	4	4
4TH FLOOR	4	4
5TH FLOOR	4	4
6TH FLOOR	4	4
7TH FLOOR	4	4
8TH FLOOR	4	4
9TH FLOOR	4	4
10TH FLOOR	4	4
11TH FLOOR	4	4
12TH FLOOR	4	4
13TH FLOOR	4	4
SERVANT UNIT / BLOCK	42	42
SERVANT UNITS IN ALL BLOCKS	84 No.	
+ EWS UNIT / BLOCK * NO. OF BLOCKS	2560 No.	

DU CALCULATIONS (EWS UNITS)

BUILDING BLOCK	EWS
NO. OF FLOORS	ETB,7+6
TOTAL BLOCKS	1
FLOOR	
7TH FLOOR	7
1ST FLOOR	12
2ND FLOOR	12
3RD FLOOR	12
4TH FLOOR	12
5TH FLOOR	12
6TH FLOOR	12
7TH FLOOR	12
8TH FLOOR	12
EWS UNITS	142
EWS IN ALL BLOCKS	142 No.
+ SERVANT UNIT / BLOCK * NO. OF BLOCKS	1420 No.

AREA SUMMARY

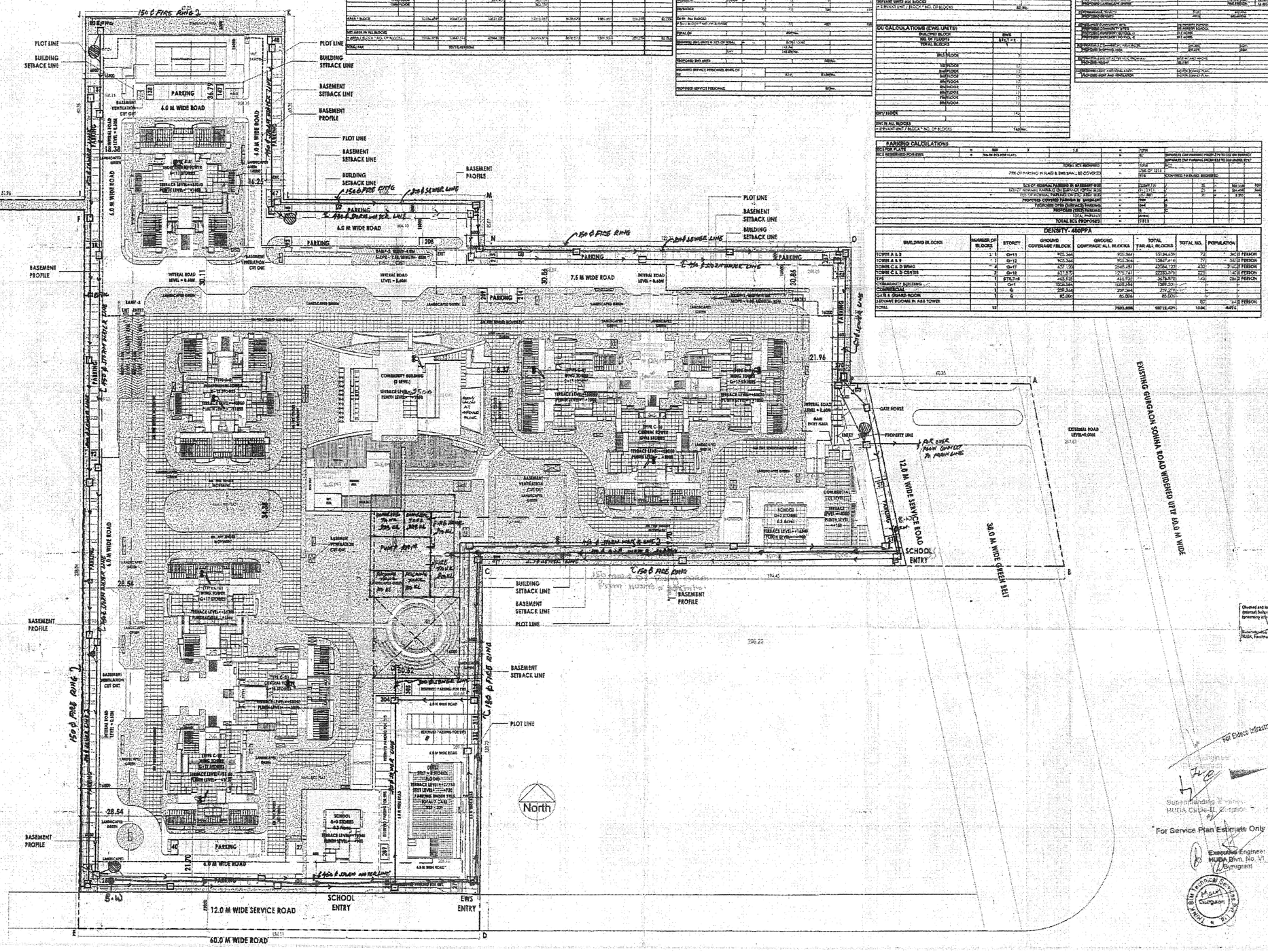
TOTAL AREA OF BOX ON PRINCIPAL / BLOCK SHEETS	12,192.0	SQ.MTRS	
TOTAL AREA OF A.B.B.R.S. & GROUND COVERAGE CALCULATION	12,192.0	SQ.MTRS	
	0.9677 (%)	PASS	
PROPOSED GROUND COVERAGE			9,677.00 Sq.M.
PROPOSED SERVICES COMMUNITY			1,506.53 Sq.M.
FAR			60,084.00 Sq.M.
PROPOSED FAR @ 150%			60,084.00 Sq.M.
PROPOSED FAR			60,084.00 Sq.M.
TOWER UNITS			896
DENSITY NO. / NO. UNIT	PARK & LOW COST HOUSING		24
PROPOSED E.W.S. UNIT			1420
MINIMUM REQUIRED SEPARATE ROAD @ 18 M. WIDE			
PROPOSED SEPARATE ROAD			18.00m
MINIMUM REQUIRED PARKING	SAME DWELLING UNITS & 1 CAR		1010.00
PROPOSED CAR PARKING			1011.00
MINIMUM REQUIRED SCOOTER PARKING @ 25%			1010.00
PROPOSED SCOOTER PARKING			1010.00
SERVICE AREA (EXCLUDED UNDER STILT & ETB)			
PROPOSED STILT		7,767.00 Sq.M.	25.30%
UNDER EWS & TOWER		7,767.00 Sq.M.	
PROPOSED COMMUNITY UNITS		7,767.00 Sq.M.	12.90%
PROPOSED LANDSCAPE UNDER		7,767.00 Sq.M.	12.90%
SUSTAINABLE TECHNOLOGY			
PROPOSED SOLAR		2,000.00	
PROPOSED ENERGY		300,000.00	
PARKING AREA (EXCLUDING UNDER STILT & ETB)			
PROPOSED AREA		15,000 SQ.MTRS	
PROPOSED COMMUNITY AREA		300 SQ.MTRS	
PROPOSED SERVANT BLOCKS - 2		84 SQ.MTRS	
PROPOSED SERVANT BLOCKS - 3		84 SQ.MTRS	
PROPOSED ETP CAPACITY			
PROPOSED BLOCK		200 KLD	50%
PROPOSED SUPPLY LINE		200 KLD	50%
PROPOSED STP CAPACITY (EXCLUDING ETP)			
PROPOSED BLOCK		300 KLD (NO. ENCL)	
PROPOSED SUPPLY LINE		300 KLD	
PROPOSED LIGHT AND VENTILATION			
PROPOSED LIGHT AND VENTILATION		20 PER DWELLING	
PROPOSED LIGHT AND VENTILATION		20 PER DWELLING	

PARKING CALCULATIONS

ECS FOR PLATE	=	200	2	1.5	=	1200		
ECS RESERVED FOR EWS	=	(No. OF ECS FOR PLATE)			=	30	SEPARATE CAR PARKING FROM 279 TO 232 ON SHEET	
					=	232	SEPARATE CAR PARKING FROM 232 TO 200 ON SHEET	
				TOTAL ECS ASSIGNED	=	1214		
				25% OF PARKING IN PLATE & EWS SHALL BE COVERED	=	308 OF 1215		
						1118	COVERED PARKING REQUIRED	
				50% OF NORMAL PARKING IN BASEMENT (B)	=	1339.7.21	/ 35 =	38.3 NOS. 959
				50% OF NORMAL PARKING IN THE SURFACE OPEN (S)	=	1339.7.21	/ 25 =	53.4 NOS. 344
				EST OF NORMAL PARKING ON PLOT AREA (S)	=	35 NOS	/ 2 =	8.8 NOS. 8
				PROPOSED COVERED PARKING IN BASEMENT	=	959	A	
				PROPOSED OPEN SURFACE PARKING	=	344		
				PROPOSED (OPEN) PARKING	=	8	C	
				TOTAL PARKING	=	1311		
				TOTAL ECS PROPOSED	=	1311		

DENSITY- 400PFA

BUILDING BLOCKS	NUMBER OF BLOCKS	STOREY	GROUND COVERAGE / BLOCK	GROUND COVERAGE ALL BLOCKS	TOTAL FAR ALL BLOCKS	TOTAL NO.	POPULATION	
TOWER A & B	2	G+11	901.344	901.344	10134.639	72	288	PERSON
TOWER A & B	1	G+12	901.344	901.344	10847.41	77	308	PERSON
TOWER C & D WING	4	G+17	537.125	2148.481	60084.125	432	1728	PERSON
TOWER C & D CENTRE	2	G+13	537.375	1075.741	26224.5	220	1140	PERSON
EWS	1	ETB,7+6	443.925	443.925	8178.625	142	284	PERSON
COMMUNITY BUILDING	1	G+1	1506.354	1506.354	1506.533	-	-	
COMMERCIAL	1	G	297.364	297.364	297.259	-	-	
GAR & GUARD ROOM	1	G	85.004	85.004	85.004	-	-	
SERVANT ROOMS IN ASS TOWER						82	164	PERSON
TOTAL	13			7383.606	107113.429	1024	4472	



Client/Developer
ELDECO SOHNA PROJECTS LIMITED

Architect
Bias

MEP Consultant
AECOM

Structure Consultant
TPC TECHNICAL PROJECTS CONSULTANTS (P) LTD.

SUBMISSION DRAWING

Architects Signature / Client Signature
ELDECO SOHNA PROJECTS LTD.
Director/Authorized Signatory

Key Plan

For Eldeco Infrastructure & Properties Ltd.
Authorized Signatory

Checked subject to comments in forwarding letter No. 1238 Dt. 12/8/15 and note attached with the estimate

Superintending Engineer(HQ)
For Chief Engineer HUDA

Superintending Engineer
HUDA Circle-II, Gurgaon

"For Service Plan Estimate Only"

Executive Engineer
HUDA Divn. No. VI
Gurgaon

Project Name
PROPOSED BUILDING PLAN OF RESIDENTIAL GROUP AREA measuring 18.5187 ACRES (ACCREDIT NO. 03 OF 2013 DATED 21-10-2013) IN SECTOR-4,SOHNA DDRS DEVELOPED BY ELDECO SOHNA PROJECTS LIMITED

Project Address
Village Hasilpur Majra
Sector 3
Sohna Road
Gurgaon

Drawing Title
SITE PLAN

Town & Country Planning, Haryana, Chandigarh

Project No. 13-13-A-01
Scale 1:400
Date May 12, 2014
Drawing No. A100

Director
Country Planning,
Haryana, Chandigarh