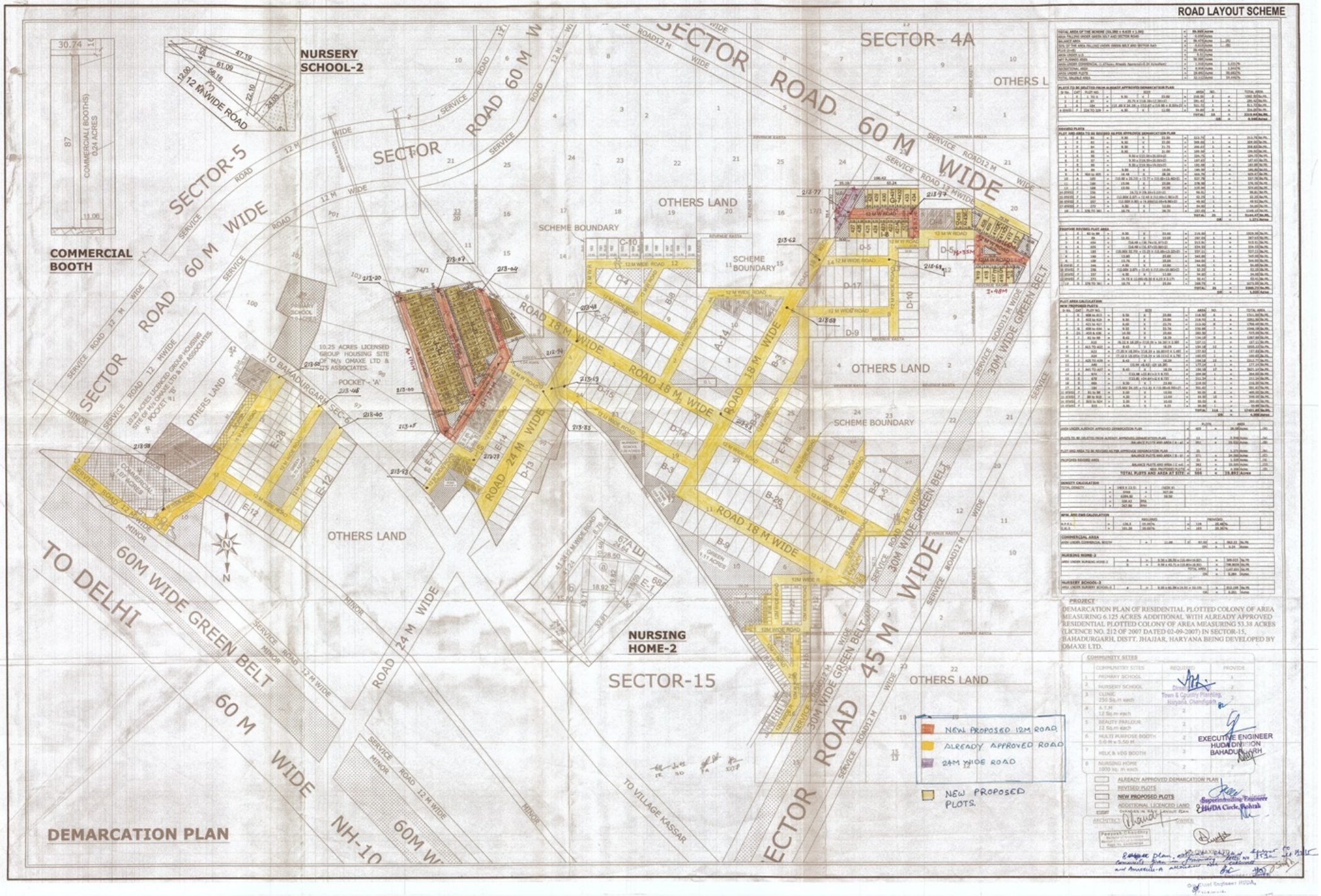
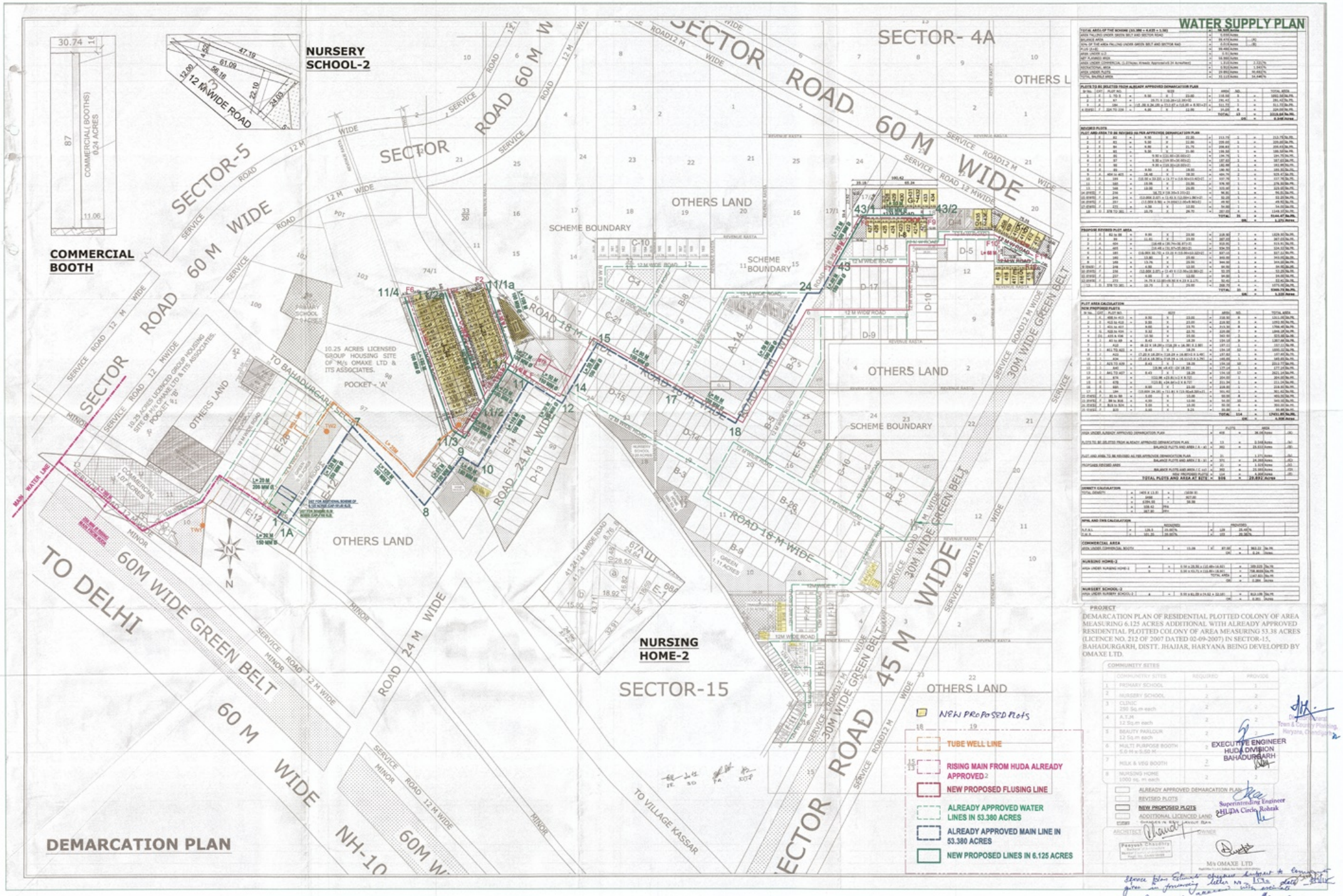
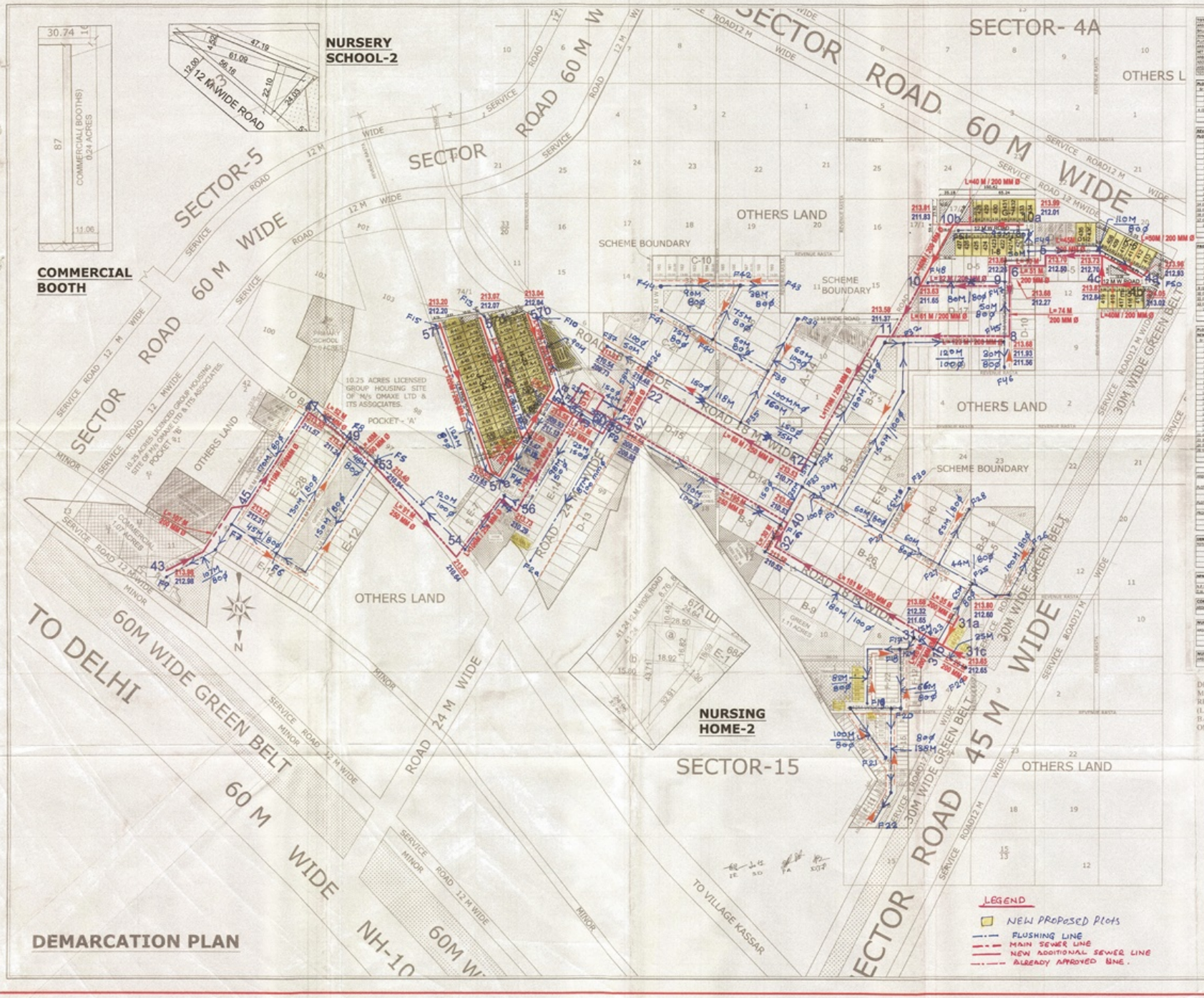

ROAD LAYOUT SCHEME
NURSERY SCHOOL-2
COMMERCIAL BOOTH
12 M WIDE ROAD
SECTOR ROAD 60 M WIDE
SECTOR-5
SECTOR- 4A
OTHERS LAND
SCHEME BOUNDARY
ROAD 18 M WIDE
ROAD 24 M WIDE
ROAD 45 M WIDE
30M WIDE GREEN BELT
60M WIDE GREEN BELT
TO DELHI
TO BAHADURGARH SEC-6
TO VILLAGE KASSAR
NH-10
NURSING HOME-2
SECTOR-15
POCKET 'A'
NEW PROPOSED 12M ROAD
ALREADY APPROVED ROAD
24M WIDE ROAD
NEW PROPOSED PLOTS.
PROJECT
DEMARCATION PLAN OF RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 6.125 ACRES ADDITIONAL WITH ALREADY APPROVED RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 53.38 ACRES (LICENCE NO. 212 OF 2007 DATED 02-09-2007) IN SECTOR-15, BAHADURGARH, DISTT. JHAJJAR, HARYANA BEING DEVELOPED BY OMAXE LTD.
COMMUNITY SITES
EXECUTIVE ENGINEER HUDA DIVISION BAHADURGARH
Superintending Engineer HUDA Circle, Rohtak
DEMARCATION PLAN


WATER SUPPLY PLAN
NURSERY SCHOOL-2
COMMERCIAL BOOTH
12 M WIDE ROAD
SECTOR ROAD 60 M WIDE
SECTOR- 4A
SECTOR-5
OTHERS LAND
SCHEME BOUNDARY
ROAD 18 M WIDE
ROAD 24 M WIDE
ROAD 45 M WIDE
30M WIDE GREEN BELT
60M WIDE GREEN BELT
TO DELHI
TO BAHADURGARH
TO VILLAGE KASSAR
NH-10
NURSING HOME-2
SECTOR-15
10.25 ACRES LICENSED GROUP HOUSING SITE OF M/s OMAXE LTD & ITS ASSOCIATES.
POCKET - 'A'
MAIN WATER LINE
NEW PROPOSED Plots
TUBE WELL LINE
RISING MAIN FROM HUDA ALREADY APPROVED
NEW PROPOSED FLUSING LINE
ALREADY APPROVED WATER LINES IN 53.380 ACRES
ALREADY APPROVED MAIN LINE IN 53.380 ACRES
NEW PROPOSED LINES IN 6.125 ACRES
DEMARCATION PLAN
PROJECT
DEMARCATION PLAN OF RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 6.125 ACRES ADDITIONAL WITH ALREADY APPROVED RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 53.38 ACRES (LICENCE NO. 212 OF 2007 DATED 02-09-2007) IN SECTOR-15, BAHADURGARH, DISTT. JHAJJAR, HARYANA BEING DEVELOPED BY OMAXE LTD.
COMMUNITY SITES
EXECUTIVE ENGINEER HUDA DIVISION BAHADURGARH
Superintending Engineer HUDA Circle, Rohtak
M/s OMAXE LTD

SEWERAGE PLAN



DEMARCATION PLAN

PROJECT

DEMARCATION PLAN OF RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 6.125 ACRES ADDITIONAL WITH ALREADY APPROVED RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 53.38 ACRES (LICENCE NO. 212 OF 2007 DATED 02-09-2007) IN SECTOR-15, BAHADURGARH, DISTT. JHAJJAR, HARYANA BEING DEVELOPED BY OMAXE LTD.

COMMUNITY SITES

	COMMUNITY SITES	REQUIRED	PROVIDED
1	PRIMARY SCHOOL	1	1
2	NURSERY SCHOOL	2	3
3	CLINIC 250 Sq.m each	2	2
4	A.T.M 12 Sq.m each	2	2
5	BEAUTY PARLOUR 12 Sq.m each	2	2
6	MULTI PURPOSE BOOTH 5.0 m x 5.50 m	3	3
	MILK & VEG BOOTH	2	—
6	NURSING HOME 1000 sq. m each	2	2

ALREADY APPROVED DEMARCATION PLAN
REVISED PLOTS
NEW PROPOSED PLOTS
ADDITIONAL LICENCED LAND

ARCHITECT — OWNER

M/s OMAXE LTD

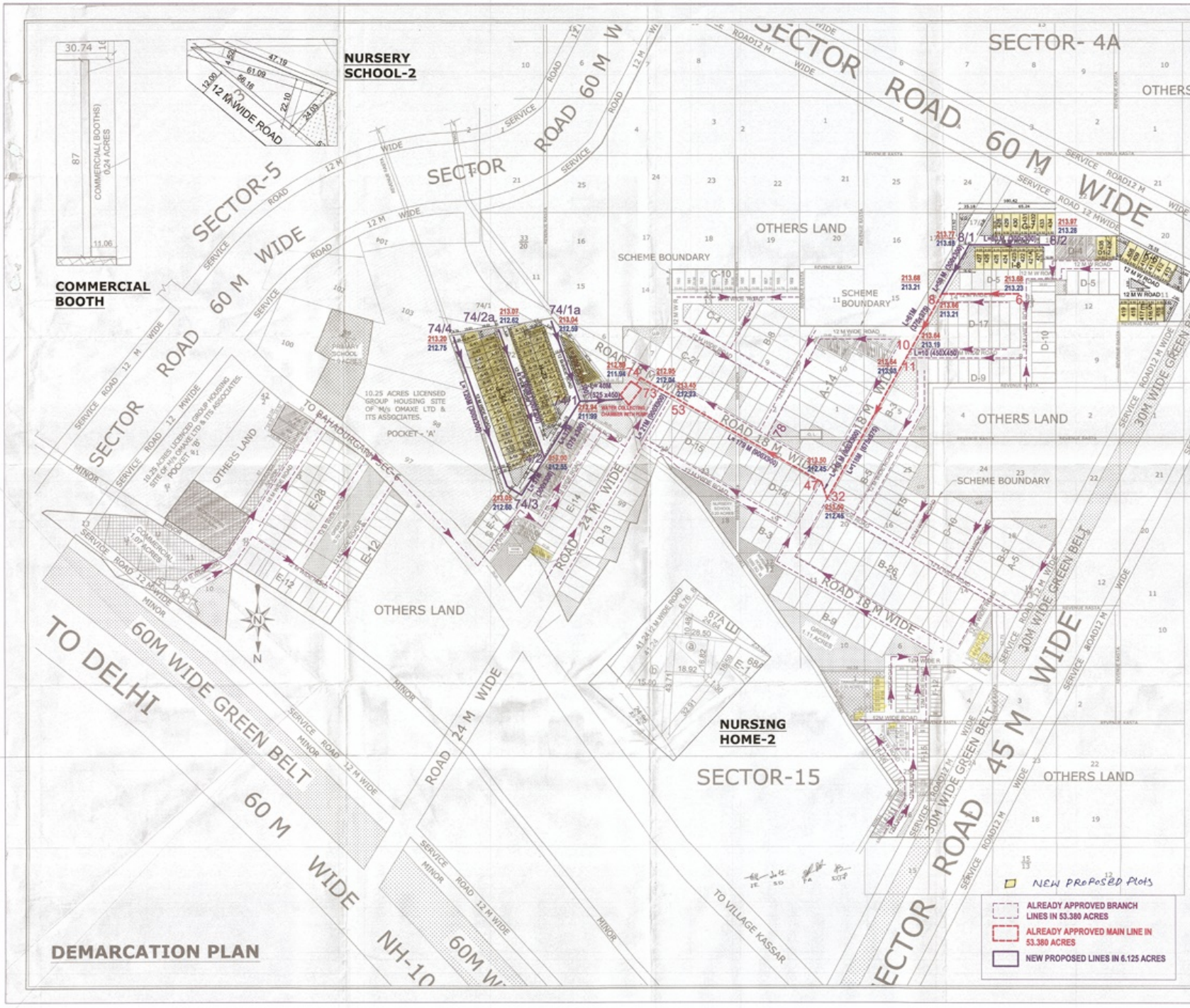
EXECUTIVE ENGINEER HUDA DIVISION BAHADURGARH

Superintending Engineer HUDA Circle, Rohtak

Director General Town & Country Planning Haryana, Chandigarh

Service Plan Estimate checked & submit to Competent Grade in forwarding letter No. 259 dated 17/11/11 and forwarded to the competent authority for approval estimate

Jr. Chief Engineer HUDA, Rohtak.



STORM WATER PLAN

TOTAL AREA OF THE SCHEME (51.380 + 0.635 + 1.50)											
AREA FALLING UNDER GREEN BELT AND SECTOR ROAD											
BALANCE AREA											
50% OF THE AREA FALLING UNDER GREEN BELT AND SECTOR RAD											
PLOT AREA											
AREA UNDER G.C											
NET PLANNED AREA											
AREA UNDER COMMERCIAL (1.21Acres Already approved vide 24 Acres/Ha)											
RECREATIONAL AREA											
AREA UNDER PLOTS											
TOTAL SALEBLE AREA											

PLOTS TO BE DELETED FROM ALREADY APPROVED DEMARCATION PLAN

S. No.	CAT	PLOT NO.		WIDTH			AREA	NO		TOTAL AREA
1	D	1, 70 S	=	9.00	X	23.00	206.88	1	=	206.88 Sq.Mt.
2	D	87	=	15.71 X (18.28+12.00)/2			241.42	1	=	241.42 Sq.Mt.
3	A	100	=	(12.00 X 26.28) + (12.07 x (10.00 + 8.00)/2)			311.72	1	=	311.72 Sq.Mt.
4 (EWS)	F	104 TO 105	=	8.00	X	16.00	64.00	2	=	128.00 Sq.Mt.
							TOTAL	15	=	1118.94 Sq.Mt.
								OR	=	0.112 Acres

REVISED PLOTS

PLOT AND AREA TO BE REVISED AS PER APPROVED DEMARCATION PLAN

1	F	82	=	8.00	X	23.00	213.76	1	=	213.76 Sq.Mt.
2	F	83	=	8.00	X	23.00	208.00	1	=	208.00 Sq.Mt.
3	F	84	=	9.00	X	23.75	208.88	1	=	208.88 Sq.Mt.
4	F	85	=	9.00	X	21.00	189.00	1	=	189.00 Sq.Mt.
5	F	86	=	9.00 x (22.00+20.00)/2			191.79	1	=	191.79 Sq.Mt.
6	F	87	=	9.00 x (19.00+20.00)/2			187.50	1	=	187.50 Sq.Mt.
7	F	88	=	9.00 x (20.00+20.00)/2			180.00	1	=	180.00 Sq.Mt.
8	F	89	=	9.00	X	19.00	180.00	1	=	180.00 Sq.Mt.
9	F	404 to 405	=	10.00	X	28.00	280.00	2	=	560.00 Sq.Mt.
10	F	140	=	(10.00 x 33.22) - (1.17 x (14.00+10.00)/2)			317.78	1	=	317.78 Sq.Mt.
11	F	160	=	10.00	X	33.90	339.00	1	=	339.00 Sq.Mt.
12	F	161	=	10.00	X	23.00	230.00	1	=	230.00 Sq.Mt.
14 (EWS)	F	236	=	16.72 X (18.73+9.23)/2			98.81	1	=	98.81 Sq.Mt.
15 (EWS)	F	245	=	(12.00X 2.07) + (3.43 X (12.00+6.00)/2)			32.20	1	=	32.20 Sq.Mt.
16 (EWS)	F	247	=	(12.00X 0.56) + (4.00X(12.00+8.00)/2)			48.40	1	=	48.40 Sq.Mt.
17 (EWS)	F	323	=	4.50	X	12.00	54.00	1	=	54.00 Sq.Mt.
18	F	378 TO 381	=	10.79	X	16.70	180.20	4	=	1144.10 Sq.Mt.
							TOTAL	21	=	5144.47 Sq.Mt.
								OR	=	1.271 Acres

PROPOSE REVISED PLOT AREA

1	F	82 to 88	=	8.00	X	23.00	228.00	7	=	1529.80 Sq.Mt.
2	F	89	=	11.82	X	23.00	267.00	1	=	267.00 Sq.Mt.
3	F	404	=	(16.48 x (35.74+22.87)/2)			419.91	1	=	419.91 Sq.Mt.
4	F	405	=	(16.48 x (31.87+20.00)/2)			434.55	1	=	434.55 Sq.Mt.
5	F	140	=	(10.00X 33.78) + (10.00 X (10.00+10.00)/2)			337.78	1	=	337.78 Sq.Mt.
6	F	160	=	10.00	X	33.90	339.00	1	=	339.00 Sq.Mt.
7	F	161	=	10.00	X	23.00	230.00	1	=	230.00 Sq.Mt.
9 (EWS)	F	248	=	4.00	X	22.00	88.00	1	=	88.00 Sq.Mt.
10 (EWS)	F	250	=	(12.00X 2.07) + (3.43 X (12.00+10.50)/2)			70.39	1	=	70.39 Sq.Mt.
11 (EWS)	F	257	=	4.00	X	22.00	88.00	1	=	88.00 Sq.Mt.
12 (EWS)	F	272	=	(4.79 X (12.00+10.50) X 4.23 X 2.17)			50.40	1	=	50.40 Sq.Mt.
13	F	378 TO 381	=	10.79	X	23.00	248.20	4	=	1576.40 Sq.Mt.
							TOTAL	21	=	5300.73 Sq.Mt.
								OR	=	1.310 Acres

PLOT AREA CALCULATION

NEW PROPOSED PLOTS

S. No.	CAT	PLOT NO.		WIDTH			AREA	NO.		TOTAL AREA
1	F	408 to 413	=	8.00	X	23.00	238.00	6	=	1311.00 Sq.Mt.
2	F	414 to 418	=	8.00	X	23.00	218.00	5	=	1090.00 Sq.Mt.
3	F	421 to 427	=	9.00	X	23.75	213.30	8	=	1706.40 Sq.Mt.
4	F	428 to 434	=	9.00	X	23.75	213.80	7	=	1496.60 Sq.Mt.
5	DS	435 & 436	=	10.50	X	28.00	294.00	2	=	588.00 Sq.Mt.
6	F	437 to 439	=	8.40	X	28.00	235.20	3	=	705.60 Sq.Mt.
7	F	440	=	(8.32 X 18.20) + (16.28 X 3.80)			197.11	1	=	197.11 Sq.Mt.
8	F	441 TO 443	=	8.40	X	18.20	229.32	3	=	687.96 Sq.Mt.
9	F	444	=	(7.83 X 18.20) + (18.24 x (18.00+2.6) x 1/2)			197.44	1	=	197.44 Sq.Mt.
10	F	445	=	(7.83 X 18.20) + (18.24 x (18.00+2.6) x 1/2)			197.44	1	=	197.44 Sq.Mt.
11	F	446 TO 449	=	8.40	X	18.20	229.32	4	=	916.72 Sq.Mt.
12	F	450	=	(10.98 x 4.43) - (10.18 x 1.90)			177.14	1	=	177.14 Sq.Mt.
13	F	451 TO 457	=	8.40	X	18.20	229.32	7	=	1605.24 Sq.Mt.
14	S	678	=	(12.98 x (2.8+1) x 8.72)			204.00	1	=	204.00 Sq.Mt.
15	S	679	=	(12.98 x (4.8+1) x 8.72)			213.04	1	=	213.04 Sq.Mt.
16	S	680	=	8.00	X	23.00	218.00	1	=	218.00 Sq.Mt.
17	S	684	=	(10.800 (4.28) x (1.8) x 1/2) + (0.8x8.28)x2			301.42	1	=	301.42 Sq.Mt.
21 (EWS)	F	81 to 80	=	5.00	X	12.00	60.00	8	=	480.00 Sq.Mt.
22 (EWS)	F	88 to 818	=	4.50	X	12.00	54.00	8	=	432.00 Sq.Mt.
24 (EWS)	F	818 to 824	=	5.00	X	12.00	60.00	8	=	480.00 Sq.Mt.
25 (EWS)	F	825	=	5.00	X	9.25	46.00	1	=	46.00 Sq.Mt.
							TOTAL	114	=	17421.80 Sq.Mt.
								OR	=	4.304 Acres

				PLOTS		AREA	
AREA UNDER ALREADY APPROVED DEMARCATION PLAN			=	428	=	38.08 Acres	(A)
PLOTS TO BE DELETED FROM ALREADY APPROVED DEMARCATION PLAN			=	15	=	0.548 Acres	(B)
BALANCE PLOTS AND AREA (A - B)			=	413	=	37.532 Acres	(B)
PLOT AND AREA TO BE REVISED AS PER APPROVED DEMARCATION PLAN			=	21	=	1.271 Acres	(C)
BALANCE PLOTS AND AREA (B - C)			=	371	=	24.260 Acres	(D)
PROPOSED REVISED AREA							
BALANCE PLOTS AND AREA (C + D)			=	392	=	25.531 Acres	(D)
NEW PROPOSED PLOTS			=	114	=	4.304 Acres	(E)
TOTAL PLOTS AND AREA AT SITE (D + E)			=	506	=	29.835 Acres	

DENSITY CALCULATION

TOTAL DENSITY	=	1403 X 13.5	=	19026.50	
	=	3400	=	817.00	
	=	2204.00	=	59.98	
	=	108.42	PPA		
	=	267.80	DPH		

NPHA AND DWS CALCULATION

		REQUIRED		PROVIDED	
N.P.H.U.	=	126.1	25.00%	128	25.40%
D.W.S.	=	101.85	20.00%	105	20.80%

COMMERCIAL AREA

AREA UNDER COMMERCIAL BOOTH	=	11.06	X	87.00	=	962.22 Sq.Mt.			
					OR	=	0.24	Shops	

NURSING HOME-2

AREA UNDER NURSING HOME-2	A	=	0.50 x 20.50 x (10.48+14.82)			=	386.215 Sq.Mt.		
	B	=	0.50 x 10.75 x (10.48+14.82)			=	338.8025 Sq.Mt.		
					TOTAL AREA	=	1187.831 Sq.Mt.		
					OR	=	0.294	Shops	

NURSERY SCHOOL-2

AREA UNDER NURSERY SCHOOL-2	A	=	0.50 x 61.28 x (9.52 + 22.10)			=	812.108 Sq.Mt.		
					OR	=	0.201	Shops	

PROJECT

DEMARCATION PLAN OF RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 6.125 ACRES ADDITIONAL WITH ALREADY APPROVED RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 53.38 ACRES (LICENCE NO. 212 OF 2007 DATED 02-09-2007) IN SECTOR-15, BAHADURGARH, DISTT. JHAJJAR, HARYANA BEING DEVELOPED BY OMAXE LTD.

COMMUNITY SITES

	COMMUNITY SITES	REQUIRED	PROVIDE
1	PRIMARY SCHOOL	1	1
2	NURSERY SCHOOL	2	2
3	CLINIC 250 Sq.m each	2	2
4	A.T.M 12 Sq.m each	2	2
5	BEAUTY PARLOUR 12 Sq.m each	2	2
6	MULTI PURPOSE BOOTH 5.0 M x 5.50 M	2	
7	MILK & VEG BOOTH	2	
8	NURSING HOME 1000 sq. m each	2	2

ALREADY APPROVED DEMARCATION PLAN
REVISED PLOTS
NEW PROPOSED PLOTS
ADDITIONAL LICENCED LAND

Director
Town & Country Planning,
Haryana, Chandigarh

EXECUTIVE ENGINEER
HUDA DIVISION
BAHADURGARH

Superintending Engineer
HUDA Circle, Rohtak

ARCHITECT — OWNER

Pawan Chaudhry
Architect
Reg. No. CA/87/18195

M/s OMAXE LTD

Service plan Estimate checked Superior to ... Comments given in forwarding letter No ... dated ... and Annexure-A attached with estimate

Sr. Chief Engineer HSVP,
Panchkula.

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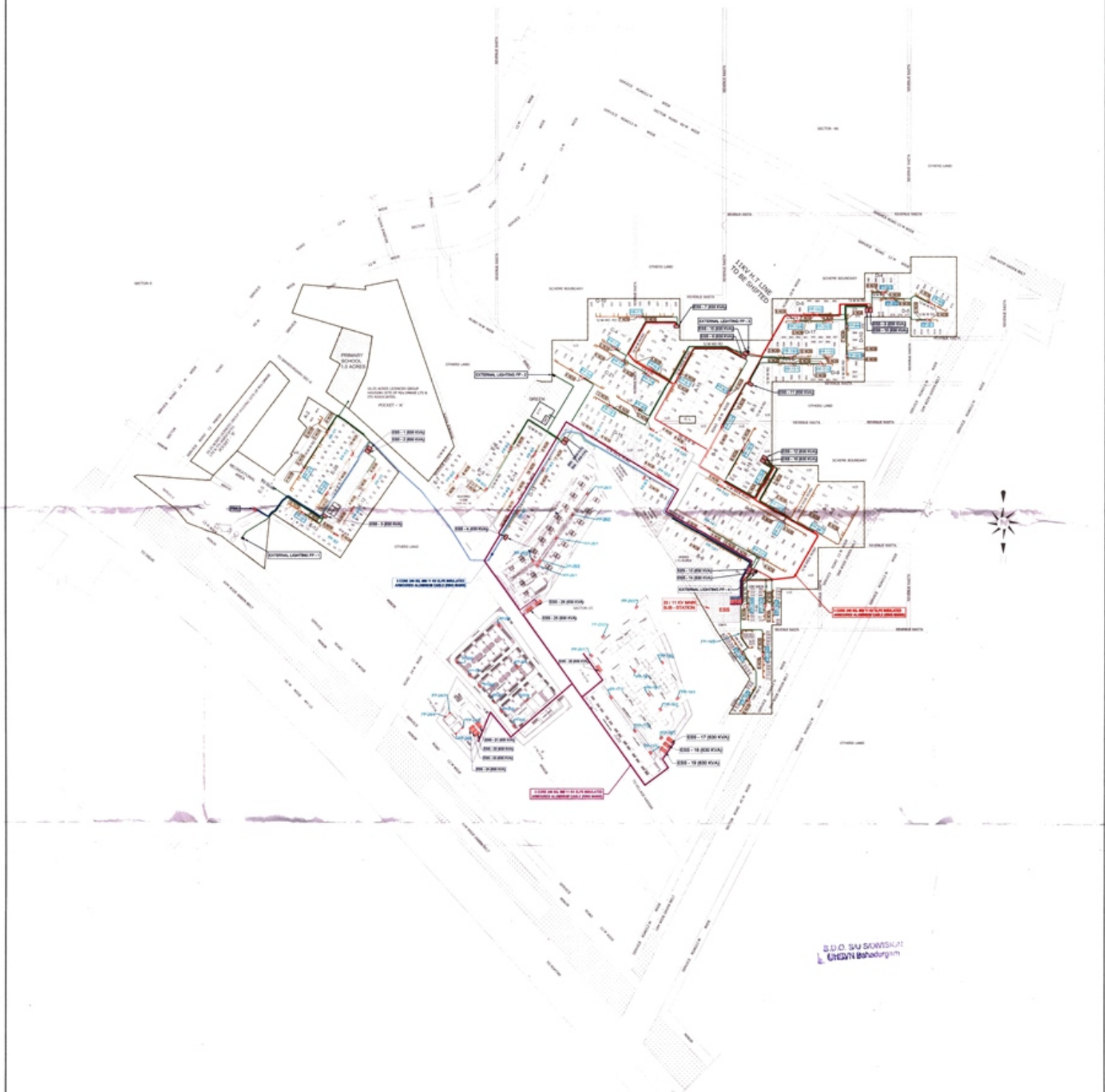

S.D.O. S/U SIDWSK/U
UHBVN Bahadurgarh

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.		11 KV / 0.4 KV, 630 KVA ELECTRICAL SUB STATION (OUT DOOR TYPE)
2.	FP	FEEDER PILLAR
3.		3 x 240 SQ MM 11 KV XLPE INSULATED ARMOURED ALUMINIUM CABLE (FROM 33/11 KV MAIN SUB STATION TO DISTRIBUTION SUB STATION / RMU - RING MAINS)
4.		L.T. XLPE INSULATED ARMOURED ALUMINIUM POWER CABLE (FROM DISTRIBUTION SUB STATION TO FEEDER PILLAR / COMMON FACILITIES)
5.		L.T. XLPE INSULATED ARMOURED ALUMINIUM DISTRIBUTION CABLE (FROM FEEDER PILLAR TO PLOTS / COMMON FACILITIES)

NOTES : (ELECTRICAL SYSTEM)

1. THE POWER SHALL BE DISTRIBUTED TO VARIOUS BLOCK THROUGH XLPE / PVC INSULATED ARMOURED ALUMINIUM CABALES.
2. ALL TRANSFORMERS SHALL BE PLINTH MOUNTED WITH FENCING ALROUND AS PER THE STANDARD DESIGN OF S.E.B.
3. FOR INSTALLATION OF POWER CABLES THE PROVISION OF IS : 1255 SHALL BE FOLLOWED AS APPLICABLE.
4. THE MINIMUM CLEARANCE BETWEEN TWO POWER CABLES SHALL BE 150 M.M. HOWEVER THE CLEARANCE SHOULD BE AS LARGE AS SITE CONDITIONS PERMITS.
5. THE MINIMUM CLEARANCE BETWEEN POWER CABLE AND WATER LINE / COMMUNICATION CABLE (TELEPHONE CABLE) SHALL BE 300 M.M. HOWEVER LARGER CLEARANCE SHOULD BE ADOPTED IF SITE PERMITS.
6. ALL POWER CABLES SHOULD PASS INSIDE SEPARATE R.C.C. PIPE UNDER ROAD CROSSING.

EARTHING SCHEDULE

S. NO.	DESCRIPTION	NOS.	EARTH BY	EARTH BY
a)	FOR EACH TRANSFORMER NEUTRAL	2 NOS.	600 X 600 X 6 MM COPPER PLATE	32 X 6 MM COPPER STRIP
b)	FOR L. T. PANEL / TRANSFORMER BODY. / RMU	2 NOS.	600 X 600 X 6 MM G. I. PLATE	32 X 6 MM G. I. STRIP
c)	FOR EACH FEEDAR PILLAR	2 NOS.	40MMØ G.I.PIPE	25 X 5 MM G. I. STRIP

OMAXE LIMITED

project
OMAXE CITY
AT DELHI - ROHTAK ROAD, BAHADURGARH

title
LAYOUT PLAN

subtitle
EXTERNAL ELECTRICAL SYSTEM

drawing released for

- [x] APPROVAL
- [ ] SUBMISSION
- [ ] ADVANCE COPY
- [ ] CONSTRUCTION

dwg. no. OMAXE BAHADURGARH / E - 01

scale	1 : 1000	date	July-2012
drawn by		ckd by	

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Checked

SSM/Commercial
UHBVN, Panchkula

Counter Sign.

Executive Engineer
OP Divn. UHBVN Bahadurgarh