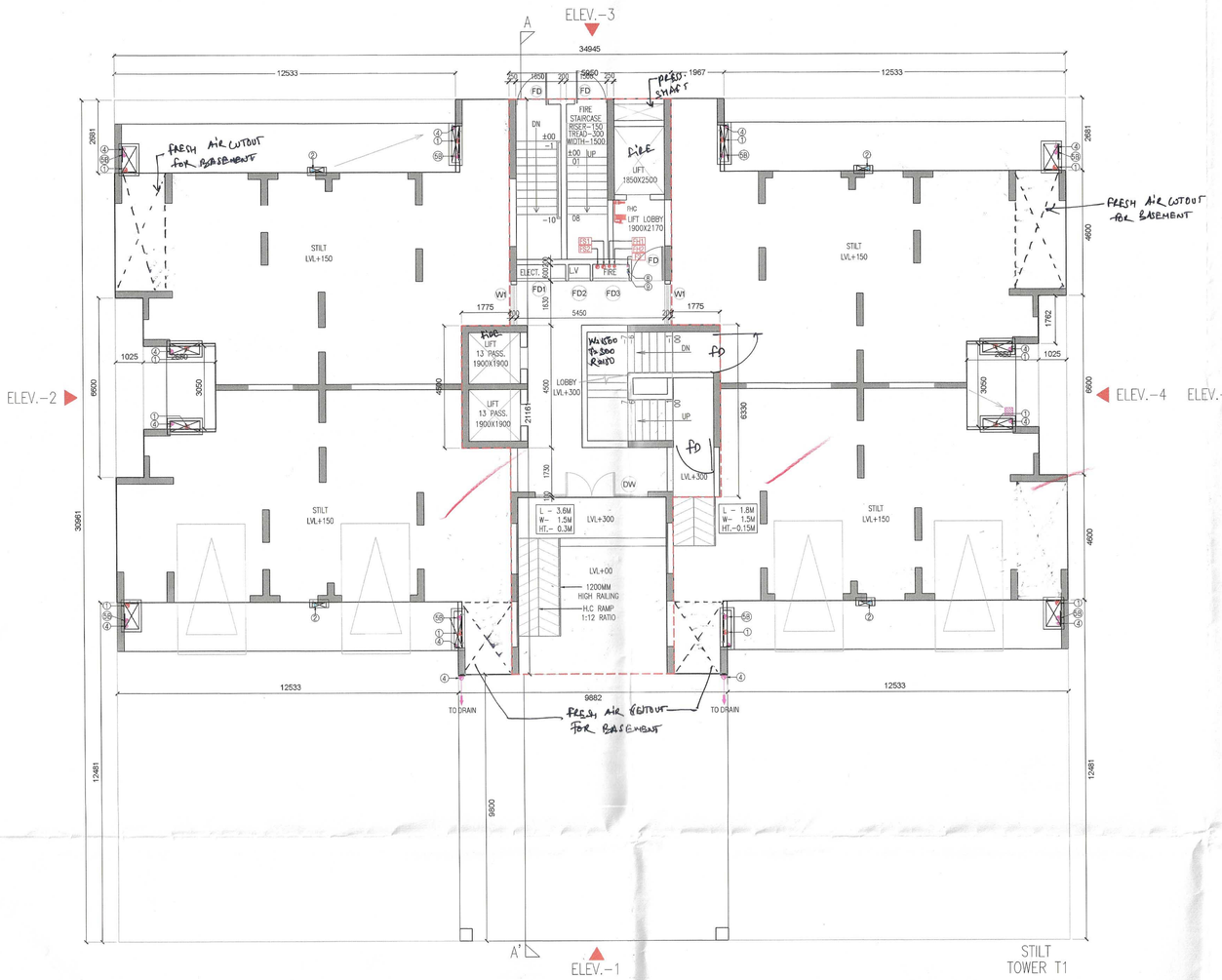
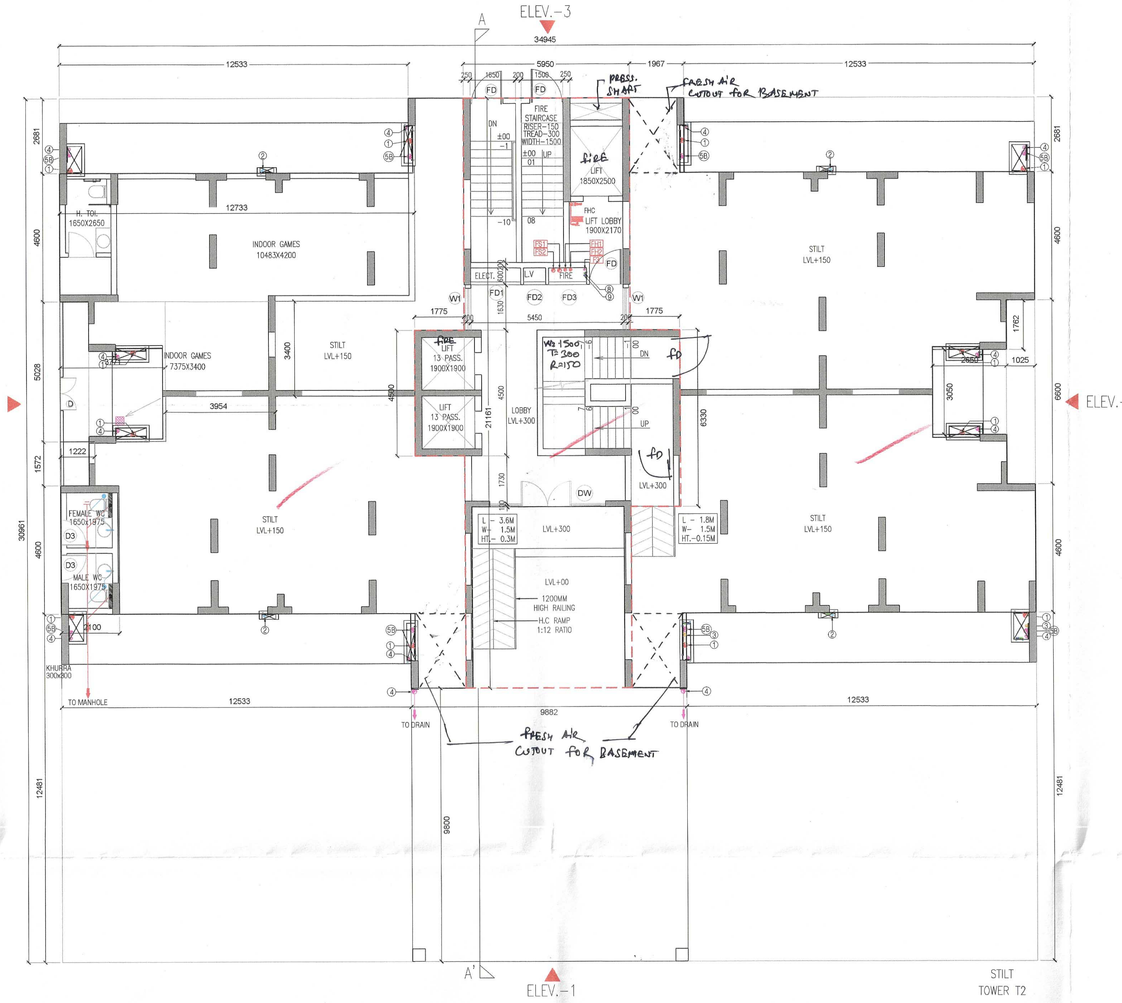
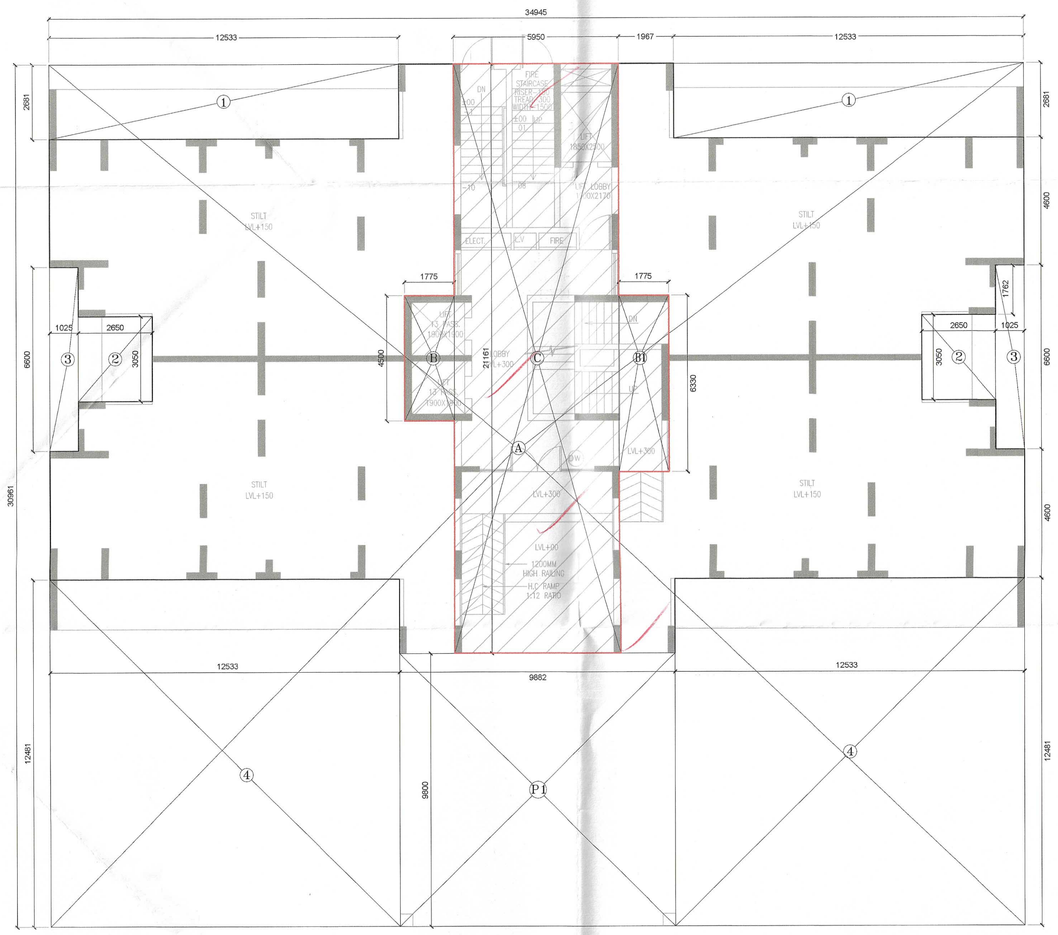
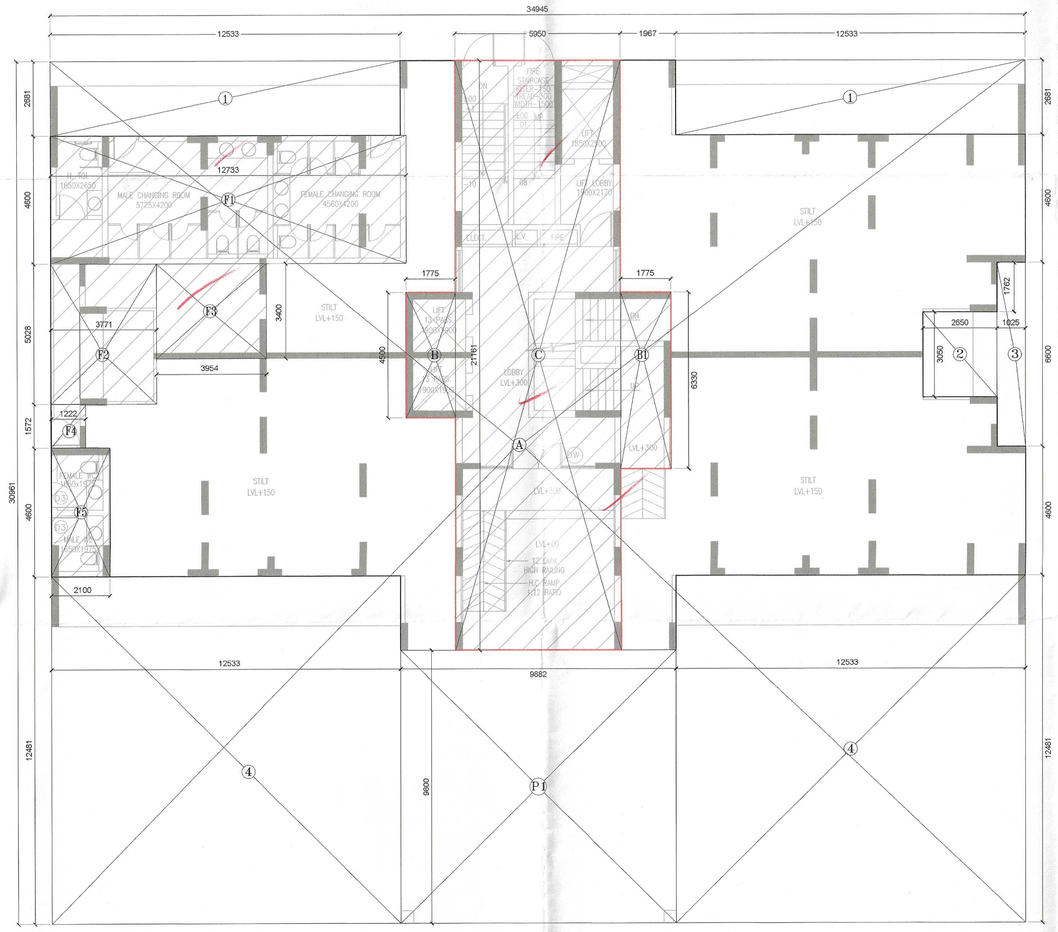






AREA DIAGRAM
GROUND / STILT (F.A.R.+NON F.A.R.)
TOWER-T1



AREA DIAGRAM
GROUND / STILT (F.A.R.+NON F.A.R.)
TOWER-T2

TOWER- T1
GROUND COVERAGE AREA CALCULATION

S.NO.	No.		LENGTH		WIDTH		REMARK
A	1	x	34.945	x	30.961	=	1,081.932
TOTAL						=	1,081.932

DEDUCATION AREAS

1	2	x	12.533	x	2.681	=	67.202
2	2	x	2.650	x	3.050	=	16.165
3	2	x	1.025	x	6.600	=	13.530
4	2	x	12.533	x	12.481	=	312.849
TOTAL						=	409.746

NET GROUND COVERAGE

= 1,081.932 - 409.746 = 672.186 X1

TOWER- T2
GROUND COVERAGE AREA CALCULATION

S.NO.	No.		LENGTH		WIDTH		REMARK
A	1	x	34.945	x	30.961	=	1,081.932
TOTAL						=	1,081.932

DEDUCATION AREAS

1	2	x	12.533	x	2.681	=	67.202
2	1	x	2.650	x	3.050	=	8.083
3	1	x	1.025	x	6.600	=	6.765
4	2	x	12.533	x	12.481	=	312.849
TOTAL						=	394.898

NET GROUND COVERAGE

= 1,081.932 - 394.898 = 687.034 X1A

TOWER- T1,T2
GROUND FLOOR AREA CALCULATION (F.A.R.) (CORE)

S.NO.	No.		LENGTH		WIDTH		REMARK
B	1	x	1.775	x	4.500	=	7.988
B1	1	x	1.775	x	6.330	=	11.236
C	1	x	5.950	x	21.161	=	125.908
TOTAL						=	145.131 X2

TOWER- T2 (INDOOR GAMES)
GROUND FLOOR AREA CALCULATION (F.A.R.)

S.NO.	No.		LENGTH		WIDTH		REMARK
F1	1	x	12.733	x	4.600	=	58.572
F2	1	x	3.771	x	5.028	=	18.961
F3	1	x	3.954	x	3.400	=	13.444
F4	1	x	1.222	x	1.572	=	1.921
F5	1	x	2.100	x	4.600	=	9.660
TOTAL						=	102.557 X3 (B1)

TOWER- T1,T2
PORCH AREA CALCULATION (NON F.A.R.)

S.NO.	No.		LENGTH		WIDTH		REMARK
P1	1	x	9.882	x	9.800	=	96.844
TOTAL						=	96.844 X4

TOWER- T1
STILT AREA CALCULATION (NON F.A.R.)

X1 - X2+X4 =
672.186 - 241.975 = 430.212
TOTAL = 430.212

TOWER- T2
STILT AREA CALCULATION (NON F.A.R.)

X1A - (X2+X3+X4) =
687.034 - 344.532 = 342.502
TOTAL = 342.502

DOOR/WINDOW SCHEDULE

TYPE	SIZE		LEVEL	
	LENGTH	HEIGHT	SILL LVL.	LINT. LVL.
DW	5450	UPTO BEAM BOTT.	00	BEAM BOTT.
SD	2000	2425	75	2500
SD1	1525	2425	75	2500
D	1200	2500	--	2500
D1	1000	2500	--	2500
D2	750	2500	--	2500
FDa	1200	2500	--	2500
FD	1200	2500	--	2500
FD1	1800	2050	450	2500
FD2	800	2050	450	2500
FD3	1350	2050	450	2500
W	4350	UPTO BEAM BOTT.	1200	BEAM BOTT.
W1	1200	1300	1200	2500
W1A	1200	1600	900	2500
W2	600	1300	1200	2500

NOTE:- FDa IS A FIRE DOORS WITH 1HR. FIRE RATING

DTP(HQ)
S.T.P.(F) Member B.P.A.C. | S.T.P.(HQ) Member Secretary B.P.A.C. | C.T.P.(Hr.) Chairman B.P.A.C.
ATP(HQ) | AD | JD | ATP

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 30166 Dt. 12/07/25
Superintending Engineer (HQ) BPAC
JDT (HQ) Member BPAC
DINESH KUMAR PA(HQ)
Varinder Kumar AD(HQ) for Chief Engineer-I HSVP, Panchkula

SANCTIONED

PIPE SCHEDULE

TAG	DISCRIPTION	SIZE (Ø)
FH1	WET RISER FOR FIRE HYDRANTS SYSTEM FOR GROUND TO 14TH FLOOR	100
FH2	WET RISER FOR FIRE HYDRANTS SYSTEM FOR 15TH TO LAST HABITABLES FLOOR	100
FS1	WET RISER FOR SPRINKLERS SYSTEM FOR GROUND TO 14TH FLOOR	150
FS2	WET RISER FOR SPRINKLERS SYSTEM FOR 15TH TO LAST HABITABLES FLOOR	150
F3	DRAIN PIPE	80

LEGEND

DESCRIPTION	LEGEND
SOIL, WASTE AND VENT PIPE	-①-
WASTE AND VENT PIPE	-②-
VENT PIPE	-③-
RAIN WATER PIPE FOR BALCONY	-④-
RAIN WATER PIPE FOR TERRACE	-⑤-
COLD WATER SUPPLY DROP FROM O.H.T.	-⑥-
FLUSHING WATER SUPPLY DROP FROM O.H.T.	-⑦-
COLD WATER SUPPLY RISER TO O.H.T.	-⑧-
FLUSHING WATER SUPPLY RISER TO O.H.T.	-⑨-
FLOOR TRAP	FT
DRAIN POINT	DP
KHURRA (300X300MM)	KH
SOIL PIPE	
WASTE PIPE	
COLD WATER SUPPLY	CWS
HOT WATER SUPPLY	HWS
FLUSHING WATER SUPPLY	FWS
ISOLATING VALVE	
MANHOLE (900X800 MM)	MH
RAIN WATER COLLECTION CHAMBER	RWCC

SCHEDULE OF PIPES

TAG NO.	DESCRIPTION	DIA (mm)
1	SOIL,WASTE & VENT PIPE	150
2	WASTE & VENT PIPE	100
3	VENT PIPE	100
4	RAIN WATER PIPE FOR BALCONY	100
5	RAIN WATER PIPE FOR TERRACE	A 100 / B 150
6	CWS DROP FROM OHT	*
7	FWS DROP FROM OHT	*
8	COLD WATER RISER TO OHT	*
9	FLUSHING WATER RISER TO OHT	*

*AS PER WATER SUPPLY DISTRIBUTION DIAGRAM.

NOTES:-

1. ALL PIPE DIAMETERS ARE IN MM.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
3. WATER INLETS AND WASTE OUTLETS FROM SANITARYWARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.

SOIL,WASTE & VENT AND RAIN WATER PIPE WORK:

a) SOIL, WASTE & VENT PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - B
b) ALL WASTE PIPE WORK FROM URINALS & WASH BASINS SHALL BE IN CARRIED OUT IN SMALL BORE UPVC PIPES AND FITTINGS OF 6 Kg/CM PRESSURE RATING AND CONFORMING TO IS: 4985 OR AS SPECIFIED IN BILL OF QUANTITIES.
c) RAIN WATER PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - (TYPE - A AND IS: 4985 AS SPECIFIED IN BILL OF QUANTITES.
d) FLOOR TRAPS:- ALL FLOOR TRAPS SHALL BE FORMED OF 110X110 MM. DIA 'P' TRAP WITH 110 MM. DIA UPVC PIPE EXTENSION PIECE FOR SIDE INLETS, AS PER STANDARD DETAIL.
e) DRAIN POINTS:- DRAIN POINT SHALL BE FORMED WITH 110X63 MM. UPVC RECEPTACLE (ALTERNATIVELY 110X63 MM SHALLOW NAHANI TRAP NOT MORE THAN 3.5 INCH HIGH) AND PROVIDED WITH 125 MM DIA C.P. GRATING WITH FRAME.
f) ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:50 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED.
5. WATER SUPPLY PIPE WORK:-

a) ALL COLD WATER SUPPLY PIPE WORK RUNNING IN TOILETS ARE CPVC PIPES AND FITTING (SDR-11 UP TO 2 INCH DIA.) AND WITH IN SHAFT ARE UPVC SCH - 40 PIPES AND FITTINGS. OR AS SPECIFIED IN BILL OF QUANTITIES.
b) ALL COLD WATER SUPPLY PIPE WORK RUNNING ON TERRACE SHALL BE CARRIED OUT IN GI (MEDIUM CLASS) PIPES AND FITTING CONFORMING TO RELEVANT IS CODE.
c) ALL HOT PIPE SUPPLY PIPES WORK RUNNING ON TERRACE, IN SHAFT AND WITH IN TOILETS SHALL BE CARRIED OUT IN CPVC PIPES AND FITTINGS (SDR-11 UP TO 2 INCH DIA).
d) NO PIPE WORK SHALL BE CONCEALED IN WALLS OR BURIED IN FLOORS WITHOUT BEING SUBJECTED TO WATER TESTING AS PER THE DIRECTION OF THE SITE ENGINEER.
e) INSULATION:- ALL HOT WATER SUPPLY PIPES CONCEALED IN WALLS AND SUSPENDED WITH CEILING SHOULD BE INSULATED WITH 9 MM THICK PREFORMED PIPES SLEEVE OF EXTENDED SYNTHETIC RUBBER POLYMERIC COMPOUND.
f) ALL WATER SUPPLY CONNECTION TO EACH TOILET SHALL BE TAKEN ABOVE FALSE CEILING LEVEL AND PROVIDED WITH A BALL VALVE DROPS FOR FIXTURES/FAUCETS SHALL BE TAKEN IN VERTICAL CHASES.
g) PIPES ON TERRACE SHALL BE SUPPORTED ON CONCRETE/BRICK PEDESTALS AT EVERY CHANGE OF DIRECTION AND AT AN INTERVAL OF 1500 MM. ON STRAIGHT RUNS.

ARCHITECT,S SIGN
BHUPENDERA KUMAR ARCHITECT CA/2004/33878

CLIENT'S SIGN
For PROSPER BUILDSQUARE LLP
Auth. Signatory

PROJECT
APPROVAL OF BUILDING PLANS OF RETIREMENT HOUSING PROJECT (UNDER RETIREMENT HOUSING POLICY) AREA MEASURING 3.58125 ACRES (LICENSE NO. 106 OF 2025 DATED 27-06-2025) IN SECTOR-89, FARIDABAD BEING DEVELOPED BY PROSPER BUILDSQUARE LLP.

BUILDING NO.
TOWER T1 & T2

SHEET TITLE
PLANS & AREA CALCULATION

DEALT S.K.	SCALE 1:100	JOB NO
CHECKED B.K.	DATE	DRG. NO 117

ARCHITECT
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