




**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**


S.N.	DESCRIPTION OF ITEM			AMOUNT (IN LACS)
1	COST OF WORK (BUILDING + EXT SITE DEV) (P-02)			1372.58 ✓
2	LESS 5.0% FOR COMPETITIVE PRICE EFFICIENCY	1372.58 ✓	@	5.00% -68.63
			TOTAL A	1303.95 ✓
3	COST OF LIFT FOR (G+9)			
	(i) PASSENGER LIFT (8 PERSONS - 1.5 MT./SEC. SPEED) (P-96)	(AS PER DETAIL ATTACHED)		17.66 ✓
	(ii) PASSENGER LIFT (13 PERSONS - 1.5 MT./SEC. SPEED) (P-96)	(AS PER DETAIL ATTACHED)		19.95 ✓
4	COST OF D.G. SET (125KVA) (P-97)	(AS PER DETAIL ATTACHED)		6.68 ✓
			TOTAL B	44.29 ✓
			G. TOTAL (A+B)	1348.24 ✓
	TENDER VALUE	Rs.	1348.24 ✓	Lacs.
(*NOTE- GST WILL BE PAID EXTRA AS APPLICABLE)				



मानंद प्रकाश बाजपेयी
भवन अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा


अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


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BOQ of Rs-1348.24 Lacs, checked as per TS 6814 dt. 25.05.2026


02.06.26
JE HO (GEM)
(CIVIL)


02.06.26
JE HO (GEM)
(Electrical)


02.06.26
AE

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

COMBINED ABSTRACT OF COST

S.N.	DESCRIPTION OF ITEM			AMOUNT (IN LACS)
A	COST OF FIRE STATION			
1	COST OF CIVIL WORKS (UPTO PLINTH) (P-05)	(AS PER DETAILS ATTACHED)		139.40
2	COST OF CIVIL WORKS (ABOVE PLINTH) (P-19)	(AS PER DETAILS ATTACHED)		835.36
3	COST FOR INTERNAL W/S AND SANITATION (P-28)	(AS PER DETAILS ATTACHED)		31.71
4	COST FOR INTERNAL ELECTRIFICATION AND POWER WIRING (P-29)	(AS PER DETAILS ATTACHED)		84.56
5	COST FOR FIRE FIGHTING (P-39)	(AS PER DETAILS ATTACHED)		113.94
6	COST OF BORING WITH SUBMERSIBLE PUMP (P-52)	(AS PER DETAILS ATTACHED)		6.43
			TOTAL A	1211.40
B	COST OF EXTERNAL SITE DEVELOPMENT			
7	COST OF EXTERNAL SANITATION & WATER SUPPLY (P-54)	(AS PER DETAILS ATTACHED)		7.60
8	COST OF SEPTIC TANK & SOAK PIT (P-56)	(AS PER DETAILS ATTACHED)		3.09
9	COST FOR EXTERNAL ELECTRICAL WORK (P-57)	(AS PER DETAILS ATTACHED)		21.64
10	COST OF U.G. TANK (FIRE FIGHTING TANK) 225 KL (P-67)	(AS PER DETAILS ATTACHED)		38.65
11	COST OF PUMP ROOM (P-74)	(AS PER DETAILS ATTACHED)		2.68
12	COST FOR C.C. INTERLOCKING (PARKING) (P-76)	589.02	SQM	1311.85
13	COST OF DRAIN (300 X 450) MM (P-77)	143.29	RM	2036.85
14	COST OF C.C. ROAD (P-78)	859.74	SQM	1813.33
15	COST OF RAIN WATER HARVESTING (P-82)	(AS PER DETAILS ATTACHED)		5.69
16	COST BOUNDARY WALL (P-86)	353.00	RM	12712.24
17	COST OF 6.0 M WIDE M.S. GATE (P-88)	2.00	NOS.	142772.59
18	COST OF 15 M WIDE M.S. GATE (P-89)	(AS PER DETAILS ATTACHED)		1.57
19	DG SET PLATFORM (P-91)	(AS PER DETAILS ATTACHED)		0.70
20	TRANSFORMER PLATFORM (P-94)	(AS PER DETAILS ATTACHED)		0.59
21	EARTH FILLING IN CAMPUS (P-95)	1352.00	CUM	370.00
			TOTAL B	161.18
			TOTAL[A+B]	1372.58
			SAY RS.	1372.58
				LACS

अमरजीत चौहान

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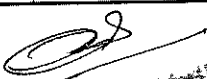
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चन्द्र प्रकाश बाजपेयी
भवन अभियन्ता (सिविल)
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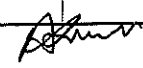
**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

[ABSTRACT OF COST - UPTO PLINTH LVL.]

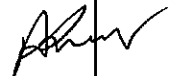
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	Excavation in foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.				
(a)	0.00 LVL. TO 1.50 MTR.	1512.386 ✓	CUM	195.20 ✓	295216.28
(b)	1.50 LVL. TO 3.00 MTR.	504.129 ✓	CUM	290.29 ✓	146341.68 ✓
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand (zone-iii) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	152.054 ✓	CUM	5108.32 ✓	776739.63 ✓
3	Sand filling in plinth including supply of necessary quantity of sand from a distance not exceeding 8 kms. from the site of work and including watering, dressing etc rate to include cost of all materials labour T & P etc required for proper completion of work.	100.473 ✓	CUM	1592.60 ✓	160012.71 ✓
4	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement:2 coarse sand) to match the existing floor.				
	With Chlorpyriphos/ Linadane E.C. 20% with 1% concentration.	668.080 ✓	SQM	232.51 ✓	155332.94 ✓
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	38.671 ✓	CUM	5348.47 ✓	206829.64 ✓


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अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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6	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works upto plinth level concrete of M35 grade with minimum cement content of 370 kg /cum R.C.C. work Upto plinth Lvl. (M-35)				
	R.C.C. Tie Beam	31.390 /	CUM	7354.04 /	230844.57 /
7	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works upto plinth level concrete of M35 grade with minimum cement content of 370 kg /cum R.C.C. work Upto plinth Lvl. (M-35)				
	R.C.C. Footing or Raft	733.064 /	CUM	7354.04 /	5390988.09 /
8	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				



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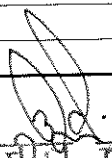
निर्माण इकाई प्रभारी
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**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

[ABSTRACT OF COST - ABOVE PLINTH LVL.]

S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATE	AMOUNT
1	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. Lintel)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	2.044 ✓	CUM	7620.75 ✓	15577.76 ✓
(b)	First Floor (M-35)	1.064 ✓	CUM	7620.75 ✓	8106.57 ✓
(c)	Second Floor(M-35)	3.491 ✓	CUM	7620.75 ✓	26607.07 ✓
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	3.206 ✓	CUM	7507.51 ✓	24066.27
(e)	Fourth Floor (M-30)	3.615 ✓	CUM	7507.51 ✓	27140.70
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	3.264 ✓	CUM	7774.21 ✓	25378.06
(g)	Sixth Floor (M-30)	3.046 ✓	CUM	7774.21 ✓	23679.40
(h)	Seventh Floor (M-30)	3.046 ✓	CUM	7774.21 ✓	23679.40
(i)	Eighth Floor (M-30)	2.973 ✓	CUM	7774.21 ✓	23116.16
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	3.046 ✓	CUM	8040.92 ✓	24491.74
(k)	Terrace Floor (M-30)	11.196 ✓	CUM	8040.92 ✓	90026.09


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निर्माण इकाई - आगरा


अमरजीत चौहान
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2	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. SLAB)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	25.733 ✓	CUM	7620.75 ✓	196100.89
(b)	First Floor (M-35)	63.244 ✓	CUM	7620.75 ✓	481967.92
(c)	Second Floor (M-35)	70.975 ✓	CUM	7620.75 ✓	540881.15
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	82.783 ✓	CUM	7507.51 ✓	621493.30
(e)	Fourth Floor (M-30)	64.854 ✓	CUM	7507.51 ✓	486894.35
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	63.545 ✓	CUM	7774.21 ✓	494013.43
(g)	Sixth Floor (M-30)	63.545 ✓	CUM	7774.21 ✓	494013.43
(h)	Seventh Floor (M-30)	62.723 ✓	CUM	7774.21 ✓	487623.67
(i)	Eighth Floor (M-30)	68.336 ✓	CUM	7774.21 ✓	531257.61
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	68.792 ✓	CUM	8040.92 ✓	553151.73
(k)	Terrace Floor (M-30)	25.695 ✓	CUM	8040.92 ✓	206615.08
3	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. BEAM)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	32.183 ✓	CUM	7620.75 ✓	245255.62
(b)	First Floor (M-35)	56.739 ✓	CUM	7620.75 ✓	432391.93
(c)	Second Floor (M-35)	57.967 ✓	CUM	7620.75 ✓	441754.36

अमर प्रकाश बाजपेयी
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	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(d)	Third Floor (M-30)	57.977 ✓	CUM	7507.51 ✓	435261.38
(e)	Fourth Floor (M-30)	55.962 ✓	CUM	7507.51 ✓	420133.47
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	54.344 ✓	CUM	7774.21 ✓	422483.40
(g)	Sixth Floor (M-30)	54.344 ✓	CUM	7774.21 ✓	422483.40
(h)	Seventh Floor (M-30)	57.303 ✓	CUM	7774.21 ✓	445486.54
(i)	Eighth Floor (M-30)	54.344 ✓	CUM	7774.21 ✓	422483.40
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	54.344 ✓	CUM	8040.92 ✓	436977.10
(k)	Terrace Floor (M-30)	15.340 ✓	CUM	8040.92 ✓	123347.32
4	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, portland pozzolana / ordinary portland /portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.				
	All works above plinth level upto floor V level . (R.C.C. COLUMN)				
	Concrete of M-35 grade with minimum cement content of 370 kg /cum				
(a)	Ground Floor (M-35)	31.955 ✓	CUM	7620.75 ✓	243517.14
(b)	First Floor (M-35)	35.505 ✓	CUM	7620.75 ✓	270574.60
(c)	Second Floor (M-35)	37.274 ✓	CUM	7620.75 ✓	284051.89
(d)	Third Floor (M-35)	37.274 ✓	CUM	7620.75 ✓	284051.89
	Concrete of M-30 grade with minimum cement content of 350 kg /cum				
(e)	Fourth Floor (M-30)	35.492 ✓	CUM	7507.51 ✓	266452.84
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(f)	Fifth Floor (M-30)	35.492 ✓	CUM	7774.21 ✓	275918.49
(g)	Sixth Floor (M-30)	35.492 ✓	CUM	7774.21 ✓	275918.49
(h)	Seventh Floor (M-30)	35.492 ✓	CUM	7774.21 ✓	275918.49
(i)	Eighth Floor (M-30)	35.492 ✓	CUM	7774.21 ✓	275918.49
	Extra for R.C.C./ B.M.C/ R.M.C. work above floor V level for each four floors or part thereof.				
(j)	Ninth Floor (M-30)	35.492 ✓	CUM	8040.92 ✓	285384.14
(k)	Terrace Floor (M-30)	16.913 ✓	CUM	8040.92 ✓	135998.01
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
		51.235 ✓	CUM	6828.55 ✓	349860.62

चन्द्र प्रकाश बाजपेयी
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निर्माण इकाई - आगरा

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(b)	First Floor	74.216 ✓	CUM	6828.55 ✓	506788.76
(c)	Second Floor	172.161 ✓	CUM	6828.55 ✓	1175612.73
(d)	Third Floor	132.306 ✓	CUM	6828.55 ✓	903455.70
(e)	Fouth Floor	100.571 ✓	CUM	6828.55 ✓	686754.45
(f)	Fifth Floor	82.240 ✓	CUM	6955.62 ✓	572029.99
(g)	Sixth Floor	86.723 ✓	CUM	6955.62 ✓	603210.28
(h)	Seventh Floor	88.896 ✓	CUM	6955.62 ✓	618328.33
(i)	Eighth Floor	89.528 ✓	CUM	6955.62 ✓	622719.76
(j)	Ninth Floor	89.528 ✓	CUM	7082.69 ✓	634096.07
(k)	Terrace Floor	93.703 ✓	CUM	7082.69 ✓	663671.04
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in .Cement mortar 1:4 (1 cement : 4 coarse sand)				
(a)	Ground Floor	8.338 ✓	CUM	7007.33 ✓	58425.61
(b)	First Floor	15.213 ✓	CUM	7007.33 ✓	106599.09
(c)	Second Floor	27.866 ✓	CUM	7007.33 ✓	195266.77
(d)	Third Floor	30.369 ✓	CUM	7007.33 ✓	212804.73
(e)	Fouth Floor	57.415 ✓	CUM	7007.33 ✓	402323.59
(f)	Fifth Floor	48.395 ✓	CUM	7134.40 ✓	345268.71
(g)	Sixth Floor	50.065 ✓	CUM	7134.40 ✓	357187.02
(h)	Seventh Floor	50.065 ✓	CUM	7134.40 ✓	357187.02
(i)	Eighth Floor	50.065 ✓	CUM	7134.40 ✓	357187.02
(j)	Ninth Floor	50.065 ✓	CUM	7261.47 ✓	363548.87
(k)	Terrace Floor	0.270 ✓	CUM	7261.47 ✓	1960.60
7	Thermo-mechanically treated bars of grade fe-550D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.				
(a)	Ground Floor	165.225 ✓	QTL	8087.67 ✓	1336281.66
(b)	First Floor	243.699 ✓	QTL	8087.67 ✓	1970961.19
(c)	Second Floor	259.049 ✓	QTL	8087.67 ✓	2095099.88
(d)	Third Floor	267.071 ✓	QTL	8087.67 ✓	2159983.78
(e)	Fouth Floor	246.432 ✓	QTL	8087.67 ✓	1993058.82
(f)	Fifth Floor	242.237 ✓	QTL	8087.67 ✓	1959131.63
(g)	Sixth Floor	241.980 ✓	QTL	8087.67 ✓	1957050.81
(h)	Seventh Floor	246.625 ✓	QTL	8087.67 ✓	1994621.90
(i)	Eighth Floor	245.279 ✓	QTL	8087.67 ✓	1983734.81
(j)	Ninth Floor	245.687 ✓	QTL	8087.67 ✓	1987031.85
(k)	Terrace Floor	104.900 ✓	QTL	8087.67 ✓	848400.76
8	15 mm cement plaster on rough side of single or half brick wall of mix. 1:6 (1 cement: 6 coarse sand)				
(a)	Ground Floor	765.671 ✓	SQM	296.47 ✓	227000.77
(b)	First Floor	938.250 ✓	SQM	296.47 ✓	278165.76
(c)	Second Floor	1520.772 ✓	SQM	296.47 ✓	450867.68
(d)	Third Floor	1389.481 ✓	SQM	296.47 ✓	411943.50
(e)	Fouth Floor	1431.473 ✓	SQM	296.47 ✓	424393.01
(f)	Fifth Floor	1473.886 ✓	SQM	296.47 ✓	436967.37
(g)	Sixth Floor	1171.579 ✓	SQM	296.47 ✓	347341.52

इकाई प्रभारी

उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

अमरजीत चौहान

प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास

निर्माण इकाई आगरा

नन्द प्रकाश (सिविल)

भवन अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम

(h)	Seventh Floor	1171.579 ✓	SQM	296.47 ✓	347341.52
(i)	Eighth Floor	1174.054 ✓	SQM	296.47 ✓	348075.29
(j)	Ninth Floor	1174.324 ✓	SQM	296.47 ✓	348155.34
(k)	Terrace Floor	154.525 ✓	SQM	296.47 ✓	45812.34
9	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand				
(a)	Ground Floor	221.886 ✓	SQM	257.70 ✓	57180.59
(b)	First Floor	261.280 ✓	SQM	257.70 ✓	67332.75
(c)	Second Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(d)	Third Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(e)	Fouth Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(f)	Fifth Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(g)	Sixth Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(h)	Seventh Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(i)	Eighth Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(j)	Ninth Floor	501.435 ✓	SQM	257.70 ✓	129221.37
(k)	Terrace Floor	754.182 ✓	SQM	257.70 ✓	194355.17
10	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.				
(a)	Ground Floor	651.962 ✓	RM	58.79 ✓	38330.25
(b)	First Floor	685.000 ✓	RM	58.79 ✓	40272.63
(c)	Second Floor	1045.816 ✓	RM	58.79 ✓	61485.78
(d)	Third Floor	955.658 ✓	RM	58.79 ✓	56185.20
(e)	Fouth Floor	988.310 ✓	RM	58.79 ✓	58104.88
(f)	Fifth Floor	1005.587 ✓	RM	58.79 ✓	59120.62
(g)	Sixth Floor	809.758 ✓	RM	58.79 ✓	47607.42
(h)	Seventh Floor	809.758 ✓	RM	58.79 ✓	47607.42
(i)	Eighth Floor	809.758 ✓	RM	58.79 ✓	47607.42
(j)	Ninth Floor	809.758 ✓	RM	58.79 ✓	47607.42
(k)	Terrace Floor	123.700 ✓	RM	58.79 ✓	7272.59
11	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Raj Nagar Plain white marble/ Udaipur green marble/ Zebra black marble[GRANITE FLOORING]				
(a)	Ground Floor	8.707 ✓	SQM	2560.76 ✓	22297.23
(b)	First Floor	0.000 ✓	SQM	2560.76 ✓	0.00
(c)	Second Floor	11.653 ✓	SQM	2560.76 ✓	29841.22
(d)	Third Floor	16.147 ✓	SQM	2560.76 ✓	41349.27
(e)	Fouth Floor	20.137 ✓	SQM	2560.76 ✓	51566.70
(f)	Fifth Floor	20.137 ✓	SQM	2560.76 ✓	51566.70
(g)	Sixth Floor	20.137 ✓	SQM	2560.76 ✓	51566.70
(h)	Seventh Floor	20.137 ✓	SQM	2560.76 ✓	51566.70
(i)	Eighth Floor	20.137 ✓	SQM	2560.76 ✓	51566.70
(j)	Ninth Floor	20.137 ✓	SQM	2560.76 ✓	51566.70

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उ० प्र० पुलिस आवास नि

निर्माण इकाई आगरा

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

उ० प्र० पुलिस आवास निगम

निर्माण इकाई आगरा

नन्द प्रकाश बाजपेयी

अवर अभियन्ता (सिविल)

उ० प्र० पुलिस आवास निगम

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12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm				
(a)	Ground Floor	51.356	SQM	1164.93	59826.17
(b)	First Floor	72.515	SQM	1164.93	84475.58
(c)	Second Floor	318.311	SQM	1164.93	370810.52
(d)	Third Floor	292.886	SQM	1164.93	341192.76
(e)	Fourth Floor	227.253	SQM	1164.93	264733.80
(f)	Fifth Floor	196.051	SQM	1164.93	228385.82
(g)	Sixth Floor	196.051	SQM	1164.93	228385.82
(h)	Seventh Floor	196.051	SQM	1164.93	228385.82
(i)	Eighth Floor	196.051	SQM	1164.93	228385.82
(j)	Ninth Floor	196.051	SQM	1164.93	228385.82
13	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm				
(a)	Ground Floor	5.985	SQM	1217.13	7284.49
(b)	First Floor	7.194	SQM	1217.13	8756.00
(c)	Second Floor	27.180	SQM	1217.13	33081.46
(d)	Third Floor	21.734	SQM	1217.13	26453.00
(e)	Fourth Floor	23.945	SQM	1217.13	29144.06
(f)	Fifth Floor	24.311	SQM	1217.13	29589.53
(g)	Sixth Floor	24.311	SQM	1217.13	29589.53
(h)	Seventh Floor	24.311	SQM	1217.13	29589.53
(i)	Eighth Floor	24.311	SQM	1217.13	29589.53
(j)	Ninth Floor	24.311	SQM	1217.13	29589.53
14	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) : 25 mm thick				
(a)	Ground Floor	256.304	SQM	1460.99	374457.86
(b)	First Floor	127.359	SQM	1460.99	186070.44
(c)	Second Floor	196.897	SQM	1460.99	287665.52
(d)	Third Floor	229.939	SQM	1460.99	335938.97
(e)	Fourth Floor	248.111	SQM	1460.99	362488.65
(f)	Fifth Floor	272.699	SQM	1460.99	398411.53
(g)	Sixth Floor	277.905	SQM	1460.99	406016.55
(h)	Seventh Floor	277.905	SQM	1460.99	406016.55
(i)	Eighth Floor	313.021	SQM	1460.99	457321.94
(j)	Ninth Floor	277.905	SQM	1460.99	406016.55
(k)	Terrace Floor	0.000	SQM	1460.99	0.00

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अमरजीत चौहान

प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगराअमर प्रकाश बाजपेयी
प्रवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

15	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete				
(a)	Ground Floor	22.361 ✓	SQM	1765.79 ✓	39485.17
(b)	First Floor	11.831 ✓	SQM	1765.79 ✓	20891.76
(c)	Second Floor	20.603 ✓	SQM	1765.79 ✓	36380.21
(d)	Third Floor	24.882 ✓	SQM	1765.79 ✓	43936.38
(e)	Fourth Floor	23.884 ✓	SQM	1765.79 ✓	42174.12
(f)	Fifth Floor	28.600 ✓	SQM	1765.79 ✓	50501.58
(g)	Sixth Floor	28.735 ✓	SQM	1765.79 ✓	50739.96
(h)	Seventh Floor	28.735 ✓	SQM	1765.79 ✓	50739.96
(i)	Eighth Floor	34.071 ✓	SQM	1765.79 ✓	60162.22
(j)	Ninth Floor	28.735 ✓	SQM	1765.79 ✓	50739.96
(k)	Terrace Floor	0.000 ✓	SQM	1765.79 ✓	0.00
16	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.				
(a)	Ground Floor	10.484 ✓	SQM	822.30 ✓	8621.39
(b)	First Floor	0.000 ✓	SQM	822.30 ✓	0.00
(c)	Second Floor	31.502 ✓	SQM	822.30 ✓	25904.29
(d)	Third Floor	26.730 ✓	SQM	822.30 ✓	21980.16
(e)	Fourth Floor	22.979 ✓	SQM	822.30 ✓	18895.59
(f)	Fifth Floor	22.979 ✓	SQM	822.30 ✓	18895.59
(g)	Sixth Floor	22.979 ✓	SQM	822.30 ✓	18895.59
(h)	Seventh Floor	22.979 ✓	SQM	822.30 ✓	18895.59
(i)	Eighth Floor	22.979 ✓	SQM	822.30 ✓	18895.59
(j)	Ninth Floor	22.979 ✓	SQM	822.30 ✓	18895.59
17	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.				
(a)	Ground Floor	49.466 ✓	SQM	950.84 ✓	47033.56
(b)	First Floor	0.000 ✓	SQM	950.84 ✓	0.00
(c)	Second Floor	121.179 ✓	SQM	950.84 ✓	115221.32
(d)	Third Floor	108.765 ✓	SQM	950.84 ✓	103417.65
(e)	Fourth Floor	104.436 ✓	SQM	950.84 ✓	99301.48
(f)	Fifth Floor	104.436 ✓	SQM	950.84 ✓	99301.48
(g)	Sixth Floor	104.436 ✓	SQM	950.84 ✓	99301.48
(h)	Seventh Floor	104.436 ✓	SQM	950.84 ✓	99301.48
(i)	Eighth Floor	104.436 ✓	SQM	950.84 ✓	99301.48

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अमरजीत चौहान
प्रभारी राहायत अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई अगरा

नन्द प्रकाश बजपेयी
अवर अभियन्ता (सिविल)
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(j)	Ninth Floor	104.436 ✓	SQM	950.84 ✓	99301.48
18	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	108.252	SQM	460.59	49859.63
19	100 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete. (TRIMIX)				
	(p-21)	452.024	SQM	744.68 ✓	336613.17
20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws				
	(a) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	229.320 ✓	SQM	1794.25 ✓	411457.01
	(b)Extra for cutting rebate in flush door shutters (Total area of the shutter to be measured).	22.680 ✓	SQM	1874.26 ✓	42508.27
	both side laminated	252.00 ✓	SQM	716.90 ✓	180659.91
21	M.S. or Iron work of small sizes and sections such as holding down bolts, hold fast tie rods, gratings etc. wrought to required from including supply of steel bolts, nuts wastage etc and fixing required for proper completion of the work.				
(a)	Providing & fixing of door / windows grill.	32807.622 ✓	KG	129.43 ✓	4246380.38
(b)	Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with rectangular/ L-Type sections, made of 1.60 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.)Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)				
		6431.384	KG	146.38 ✓	941429.09

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इकाई प्रभारी
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(c)	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	334.044 ✓	SQM	850.05 ✓	283953.82
(d)	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :35 mm thick shutters				
	Second class teak wood	121.905 ✓	SQM	3638.74 ✓	443580.57
22	Distempering (Two coat) with oil bound distemper of approved brand and manufacture & of required shade on undecorated wall surface to give an even shade over & including a priming coat with cement primer of approved brand & manufacture such as Berger, J&N, Shalimar, Asian paints after thoroughly brushing the surface free from mortar droppings & other foreign matters & also including preparing the surface even with plaster of paris or approved synthetic material & sand papered smooth including cost of all materials. (For Internal wall surface)				
(a)	Ground Floor	1014.286 ✓	SQM	139.22 ✓	141207.85
(b)	First Floor	1538.667 ✓	SQM	139.22 ✓	214211.59
(c)	Second Floor	2184.504 ✓	SQM	139.22 ✓	304124.33
(d)	Third Floor	1961.480 ✓	SQM	139.22 ✓	273075.10
(e)	Fourth Floor	1931.731 ✓	SQM	139.22 ✓	268933.57
(f)	Fifth Floor	1960.019 ✓	SQM	139.22 ✓	272871.77
(g)	Sixth Floor	1657.712 ✓	SQM	139.22 ✓	230784.92
(h)	Seventh Floor	1657.712 ✓	SQM	139.22 ✓	230784.92
(i)	Eighth Floor	1699.856 ✓	SQM	139.22 ✓	236652.12
(j)	Ninth Floor	1700.549 ✓	SQM	139.22 ✓	236748.64
(k)	Terrace Floor	314.840 ✓	SQM	139.22 ✓	43831.66
23	Finishing walls with Acrylic smooth exterior paint of required shade: - New work (Two or more coat applied @ 1.67 Ltr./10 Sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 Sqm.				
(a)	Ground Floor	221.886 ✓	SQM	120.43 ✓	26722.54
(b)	First Floor	261.280 ✓	SQM	120.43 ✓	31467.02
(c)	Second Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(d)	Third Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(e)	Fourth Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(f)	Fifth Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(g)	Sixth Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(h)	Seventh Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(i)	Eighth Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(j)	Ninth Floor	501.435 ✓	SQM	120.43 ✓	60389.79
(k)	Terrace Floor	754.182 ✓	SQM	120.43 ✓	90829.16
24	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.				

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निर्माण इकाई आगरा

महेश प्रकाश बाजपेयी
प्रभारी अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
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(a)	Ground Floor	1236.172 ✓	SQM	117.02 ✓	144659.16
(b)	First Floor	1799.947 ✓	SQM	117.02 ✓	210633.25
(c)	Second Floor	2685.939 ✓	SQM	117.02 ✓	314313.68
(d)	Third Floor	2462.915 ✓	SQM	117.02 ✓	288214.93
(e)	Fouth Floor	2433.166 ✓	SQM	117.02 ✓	284733.73
(f)	Fifth Floor	2461.454 ✓	SQM	117.02 ✓	288044.02
(g)	Sixth Floor	2159.147 ✓	SQM	117.02 ✓	252667.49
(h)	Seventh Floor	2159.147 ✓	SQM	117.02 ✓	252667.49
(i)	Eighth Floor	2201.291 ✓	SQM	117.02 ✓	257599.23
(j)	Ninth Floor	2201.984 ✓	SQM	117.02 ✓	257680.35
(k)	Terrace Floor	1069.022 ✓	SQM	117.02 ✓	125099.01
25	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	142.000 ✓	NOS.	91.23 ✓	12954.00
26	Providing & fixing stainless steel sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc complete. (a) 300mm x 16mm	196.000 ✓	NOS	540.00 ✓	105840.00
27	P/Fixing stainless steel tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as / IS : 1868) transparent or dyed to required colour or shade with necessary screws etc.				
	(a) 250 mm x 10mm	376.000 ✓	NOS	405.00 ✓	152280.00
28	Providing & fixing stainless steel handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. 125 mm	392.000 ✓	NOS	270.00 ✓	105840.00
29	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:				
	(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.				
	(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				

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निर्माण इकाई आगरा

मन्दी प्रकाश बाजपेयी
अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम

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	(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
	(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in- charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.				
	(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge :				
	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	641.307	SQM	1263.28	810151.65
30	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specificationsPainting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	997.015	SQM	128.01	127625.76
31	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	486.063	SQM	1042.47	506707.79
32	Construction of drain alongwith apron. (150x150mm) (P-20)	89.020	RM	615.44	54786.17
33	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	277.828	SQM	462.73	128558.22
34	Providing and laying in position cement concrete of specified gradeexcluding the cost of centering and shuttering :1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	42.647	CUM	5908.09	251963.42

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35	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	6340.147	Sqm	695.34	4408587.96
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	5434.066	Sqm	552.23	3000834.47
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	2678.830	Sqm	720.88	1931111.94
36	Providing and fixing fire resistant door frame of section 143 x 57 mm having built in rebate made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/sqm) duly filled with vermiculite based concrete mix, suitable for mounting 60 minutes fire rated door shutters. The frame is fitted with intumescent fire seal strip of size 10x4 mm (minimum) around the frame and fixing with dash fastener of approved size and make, including applying a coat of approved brand fire resistant primer etc. complete as per direction of Engineer-in-charge.	222.000	RMT.	1281.77	284552.18
37	Providing and fixing 50 mm thick glazed fire resistant door shutters of 60 minutes fire rating conforming to IS:3614 (Part-II), tested and certified as per laboratory approved by Engineer-in-charge, with suitable mounting on door frame, consisting of vertical styles, lock rail, top rail 100 mm wide, bottom rail 200 mm wide, made out of 16 SWG G.I. sheet (zinc coating not less than 120 gm/m ²) duly filled FR insulation material and fixing with necessary stainless steel ball bearing hinges of approved make, including applying a coat of approved fire resistant primer etc. all complete as per direction of Engineer-in-charge.	139.860	SQM.	5649.15	790089.65
38	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer-in-charge, all complete.	37.000	NO.	6273.78	232129.71
39	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angles 40x40x6 mm for diagonal braces	96.928	NO.	4352.68	417541.91

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40	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	10.710	SQM	8578.56	91876.34
41	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm				
	made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint all GI Metal Ceiling Lay in plain Tegular edge Global white colour tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	564.329	SQM	1427.02	805309.76
42	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand). Ordinary cement without any pigment.	29.250	Sqm.	1150.20	33643.25


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43	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge.	156.000	KG	579.22	90358.75
44	Design supply & installation of suspended Spider Glazing system designed to withstand the wind pressure as per IS 875 (Part-III). The Suspended System held with Spider Fittings of SS-316 Grade Steel of approved manufacturer with glass panel having 12 mm thick clear toughened glass held together with SS- 316 Grade Stainless steel Spider & bolt assembly with laminated glass fins 21 mm thick. The Glass fins and glass panel assembly shall be connected to Slab/beams by means of SS-316 Grade stainless steel brackets & Anchor bolts and at the bottom using SS channel of 50x25x2mm using fastener & anchor bolts, non staining weather sealants of approved make, Teflon/ nylon bushes and separators to prevent bi-metallic contacts, all complete to perform as per specification and approved drawings. The complete system to be designed to accommodate thermal expansion & seismic movements etc. The joints between glass panels (6 to 8 mm) and gaps at the perimeter & in U channel of the assembly to be filled with non staining weather sealant, so as to make the entire system fully water proof & dust proof.				
	The rate shall include all design, Engineering and shop drawing including approval from structural designer, labour, T&P, scaffolding, other incidental charges including wastage, enabling temporary services all fitting fixers nut bolts, washer, Buffer plates, fastener, anchors, SS channel laminated glass etc. all complete. For the purpose of payment, actual elevation area of Glazing including thickness of joints and the portion of Glass panel inside the SS channel shall be measured.(FIX GLASS)	5.940	Sqm.	7125.81	42327.32
				G. TOTAL	83536420.35
		SAY		835.36	Lacs.

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TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)									
COST OF APRON DRAIN (SIZE = 150 MM. X 150 MM)									
S.No.	Description of Item	Measurement				Qty.	Unit	Rate	Amount
		No.	L (m)	B (m)	H/D (m)				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	1	1.00	0.53	0.225	0.120	Cum	195.20	23.42
2	Providing and laying in 1:4:8 (1 cement : 4 coarse sand (zone-iii) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	1	1.00	0.530	0.075	0.04	Cum	5108.32	204.33
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2	1.00	0.115	0.150	0.03	Cum	5527.25	165.82
4	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 12 mm Cement Plaster	2	1.00		0.15	0.30	Sqm.	337.12	101.14
		2	1.00	0.115		0.23	Sqm.	337.12	77.54
5	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete 25 mm thick with 20 mm nominal size stone aggregate	1	1.00	0.150		0.15	Sqm.	287.87	43.18
GRAND TOTAL RS.									615.44

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**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

COST OF PLUMBING WORK					
Sr. No.	Description	Unit	Qty	Rate (In Rs.)	Amount (In Rs.)
SUB HEAD-I-SANITARY INSTALLATIONS					
1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	40	5075.04	203001.76
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid	Each	8	4886.18	39089.40
3	Providing & fixing toilet paper holder				
	C.P. brass	Each	8	602.71	4821.72
4	Providing and fixing Jaquar Make Hand Shower (Health Faucet) with 8mm Dia, 1.2 Meter Long Flexible Tube & Wall Hook of quality and make as approved by Engineer - in - charge.				
		Each	8	1458.00	11664.00
5	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	Each	13	1669.60	21704.75
6	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer				
		Each	36	2970.12	106924.19
7	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.				
		Each	49	776.02	38025.11
8	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.				
		Each	49	126.25	6186.25

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9	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	49	173.95	8523.31
10	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	49	1205.84	59086.27
11	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 (including angle valve for WC flushing cistern & jet)				
	15 mm nominal bore	Each	222	430.68	95611.42
12	Providing and fixing uplasticised PVC connection pipe with brass unions :				
	45 cm length				
	15 mm nominal bore	Each	222	73.31	16273.75
13	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
	100 mm diameter	Each	41	145.45	5963.37
14	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.				
	15 mm nominal bore	Each	5	502.79	2513.94
15	Providing and fixing CP Brass wall mixer of quality & make as approved by Engineer in charge.				
	15 mm nominal dia	Each	36	3600.00	129600.00
16	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	41	531.66	21798.04
17	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	41	83.58	3426.75
18	Providing and fixing Stainless Steel AISI 304 (18/8) kitchen sink as per IS: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required				
	Kitchen sink without drain board				
	610 X 460 mm bowl depth 200 mm	Each	21	2905.06	61006.27
19	Providing & fixing PVC waste pipe for sink including PVC waste fittings Complete				
	Flexible Pipe				
	40mm Dia	Each	21	89.65	1882.72
20	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
	15mm nominal bore	Each	48	380.06	18242.98

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21	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
	15mm nominal bore	Each	49	599.15	29358.49
22	Providing and fixing C.P. Brass extension nipple (size 15 mm x 50 mm) of approved make and quality as per direction of Engineer-in-charge.	Each	97	56.09	5441.16
23	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of of 430 x 260 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standar flush pipe and cp brass spreaders with brass unions and g.i clamps complete, including painting of fitting and brackets, cutting and making good the walls and floors wherever required				
	One urinal basin with 5 litre white p.v.c automatic flushing cistern.	Each	1	4693.59	4693.59
	Range of three urinal basin with 10 litre white p.v.c automatic flushing cistern.	Each	2	10061.97	20123.94
24	Providing and fixing stone slab with table rubbed , edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.				
	Granite Stone of approved shade	sqm	2.6	3038.58	7976.28
2.0 SUB HEAD-II-WATER SUPPLY					
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
	Concealed work , including cutting chases and making good the walls etc.				
	For Internal Toilet				
	15 mm nominal outer dia Pipes	Metre	300	373.31	111993.83
	20 mm nominal outer dia Pipes	Metre	400	403.16	161263.92
2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	Internal work - Exposed on wall				
	20 mm nominal bore	Metre	180	251.22	45220.49
	25 mm nominal bore	Metre	200	301.13	60226.50
	32 mm nominal bore	Metre	106	389.02	41080.90
3	Providing and fixing GI pipes complete with GI fittings and clamps , i/c cutting and making good the walls etc. Internal work				
	Terrace loop & Tank Filling Pipe				
	65 mm nominal bore	Metre	196	672.38	131787.06
	80 mm nominal bore	Metre	25	781.20	19529.93

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4	Painting G.I. pipes and fittings with two coats of anti-corrosive bitumastic paint of approved quality :				
	65mm diameter pipe	Metre	196 ✓	28.38 ✓	5563.40
	80mm diameter pipe	Metre	25 ✓	33.00 ✓	824.92
5	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :				
	65mm diameter pipe	Each	65 ✓	852.52 ✓	55697.65
	80mm diameter pipe	Each	8 ✓	905.87 ✓	7548.93
6	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	For vertical pipe connection with terrace ringmain				
	20 mm nominal bore	Each	54 ✓	404.92 ✓	21865.80
	25mm nominal bore	Each	20 ✓	466.75 ✓	9335.07
	32mm nominal bore (including valve for PRV Station)	Each	19 ✓	517.15 ✓	9825.82
	50mm nominal bore	Each	2 ✓	769.91 ✓	1539.82
	65mm nominal bore	Each	2 ✓	1306.48 ✓	2612.96
	80mm nominal bore	Each	1 ✓	1953.22 ✓	1953.22
7	Providing, Fixing, Testing & Commissioning of XLPE Insulation of 9mm thickness on hot water supply pipes. Astral or equivalent approved complete in all respect as directed by Engineer-in-charge.				
	15mm dia (9 mm thickness)	Metre	108 ✓	67.50 ✓	7276.50
	20mm dia (9 mm thickness)	Metre	90 ✓	63.00 ✓	5670.00
8	Supply, fixing, testing and commissioning of following Electrical Actuator Single Phase 220V AC Operated Wafer Type Butterfly Valve - IP65CB - 230VAC , as per specifications:-				
	Lehry Make Automatic OHT Level Control System Consist of Following Items				
	1) LEHRY Make On-Off Type Electrical Actuator Single Phase 220V AC Operated Wafer Type Butterfly Valve with CI Body & SS Disc				
	2) Level Float Switch- 5M				
	3) Control Box				
	(a) IP 65 Finishing(250 x 160 x 115)mm				
	(b) LED Lamps: Tank FULL, Tank EMPTY, Power				
	(c) Power supply toggle switch				
	(d) Accepts 230V Single Phase power supply and provides 24VAC to float switch and 230VAC to valve coil.				
	(e) Accepts NO/NC feedback from float switch.				
	65mm	Each	1 ✓	42601.50 ✓	42601.50
9	Pressure Reducing Valve (PRV) & its Valve Station				
	Providing , checking, storing, fixing in position of approved quality Screwed ends DIRECT ACTIVATED PRESSURE REDUCING VALVE WITH INTERNAL BALANCING LINE, SDT SEMI PILOT DIAPHRAGM OPERATED SCREWED FOR WATER / GAS /AIR. of the following sizes: The ratio of outlet pressure to inlet pressure should not be more than 1/3.				
	32mm dia.	Each	4 ✓	3379.50 ✓	13518.00
10	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required				
		No.	8 ✓	1118.14 ✓	8945.11

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प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

11	Providing and fixing MS pipe puddle flanges of required size with 600mm long with 6mm thick MS plate of size 300mm x 300mm of suitable size properly fixed in RCC walls of water tanks, including necessary welding complete in all respect as per details shown on drawings and directions of Engineer-in-charge for water tanks.				
	25mm dia.	Each	12 ✓	1161.00 ✓	13932.00
	50mm dia.	Each	6 ✓	1435.50 ✓	8613.00
	65mm dia.	Each	4 ✓	1570.50 ✓	6282.00
	80mm dia.	Each	5 ✓	1813.50 ✓	9067.50
	100mm dia.	Each	4 ✓	2272.50 ✓	9090.00
	150mm dia.	Each	15 ✓	3258.00 ✓	48870.00
	200mm dia.	Each	2 ✓	4572.00 ✓	9144.00
	250mm dia.	Each	1 ✓	6052.50 ✓	6052.50
	SUB HEAD : III - ROOFING				
1	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS :13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	110 mm dia (for rain water)	Metre	280 ✓	283.02 ✓	79246.10
2	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	Single Push Fit Coupler				
	110 mm dia	Each	40 ✓	95.69 ✓	3827.62
	Single tee with door				
	110x110x110 mm	Each	10 ✓	175.59 ✓	1755.95
	Plain bend 87.5 deg				
	110 mm dia	Each	10 ✓	112.75 ✓	1127.51
3	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	110 mm dia	Each	144 ✓	278.45 ✓	40096.40
4	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.				
		Each	10 ✓	223.67 ✓	2236.65
5	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	All kind of soil				
	Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.	Metre	35 ✓	264.09 ✓	9243.02

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निर्माण इकाई आगरा

अमरजीत चौहान
अवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


6	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all round S.W. pipes including bed concrete as per standard design:				
	100mm dia SW pipe	Metre	35 ✓	723.49 ✓	25322.16
	SUB HEAD : IV - INTERNAL DRAINAGE				
1	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for soil, waste, and vent, Type-B as per IS: 13592 suitable for rubber ring joints for vertical pipes and solvent cement joints for horizontal pipes, including all necessary specials and fittings (confirming to IS:14735) ie. bends, tees, junctions (with or without doors), reducers, WC connectors, couplers, cowls, clamps, hangers, rubber rings, clean outs etc. fixing at wall / ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling for proper completion of the work. The rubber ring shall confirm to IS:15382. (Make: Supreme / Ashirvad/Finolex / Prince) (Pipe support: Intellotech / Easyflex / Chilly The Pipes will be supported by either rubber lined G.I. U strap clamps on 50x50x5 mm MS slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The cost will include all support arrangements. The work includes cutting holes in wall/floors/slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site				
	Internal Toilet (Soil & Waste Pipe)				
	75 mm	Metre	300 ✓	645.00 ✓	193500.00
	110 mm	Metre	500 ✓	880.00 ✓	440000.00
	160 mm	Metre	220 ✓	1080.00 ✓	237600.00
	Exposed on Wall (Soil & Waste Pipe)				
2	Providing, fixing, jointing and testing , of PVC Multi Floor Trap without jali of minimum 50 mm water seal, making necessary cutting in slab or floors and making good including supports with cement concrete 1:3:6 complete as approved by Engineer-in-Charge.				
	110mm x 75mm x 50mm/40mm (Toilet)	Each	48 ✓	950.00 ✓	45600.00
3	Providing, fixing, jointing and testing , of PVC Nahani Trap without jali of minimum 50 mm water seal, making necessary cutting in slab or floors and making good including supports with cement concrete 1:3:6 complete as approved by Engineer-in-Charge.				
	110mm x 75mm (Toilet & Kitchen)	Each	71 ✓	950.00 ✓	67450.00
4	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :				
	110/160	Each	160 ✓	272.11 ✓	43537.66
	75	Each	200 ✓	269.97 ✓	53994.62
5	Providing and fixing PTMT grating of approved quality and colour.				
	Rectangular type with openable circular				
	150 mm nominal size square 100 mm diameter of the inner hinged round grating (including balcony)	Each	168 ✓	147.70 ✓	24813.23


इकाई प्रभारी
४० प्र० पुलिस आवास निर्माण इकाई आगरा


अमरजीत चौहान
प्रभारी सहायक अभियन्ता
४० प्र० पुलिस आवास नियम निर्माण इकाई आगरा

मन्द प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
४० प्र० पुलिस आवास निर्माण इकाई आगरा

6	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 150 x 100mm size P-type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	4 ✓	2050.45 ✓	8201.78
7	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m. All kind of soil Pipes, cables etc. exceeding 80 mm dia . But not exceeding 300mm dia.	Metre	95 ✓	264.09 ✓	25088.19
8	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design: 100mm dia SW pipe	Metre	95 ✓	723.49 ✓	68731.59
TOTAL OF SUBHEAD-IV				Rs.	3171244.26
G.TOTAL					3171244.26
SAY IN LACS					31.71


 इन्दु प्रकाश बाजपेयी
 प्रभारी अभियन्ता (सिविल)
 80 प्रो पुलिस आवास निगम
 निर्माण इकाई - आगरा


 अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
 80 प्रो पुलिस आवास निगम
 निर्माण इकाई आगरा


 इकाई प्रभारी
 80 प्रो पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

TENDER BOQ FOR PROPOSED CONSTRUCTION OF			
FIRE STATION (3/4 UNITS) AT SORON KASGANJ			
DISTT.- KASGANJ (U.P.)			
SUMMARY OF COST INTERNAL ELECTRICAL WORKS			
S. No.	WORK	UNIT	AMOUNT
1	SUB-HEAD - I : INTERNAL WIRING	RS.	3272662.31
2	SUB-HEAD II - FANS & LIGHT FIXTURES:	RS.	799853.65
3	SUBHEAD- III: DISTRIBUTION BOARD	RS.	669312.70
4	SUBHEAD: - IV - MV PANEL	RS.	1435225.64
5	SUBHEAD: - V - EARTHING	RS.	59457.01
6	SUB-HEAD -VI- TELEPHONE & LAN SYSTEM	RS.	525078.66
7	SUB-HEAD -VII : L.T. CABLES	RS.	1532246.54
8	SUB-HEAD - VIII : CABLE TRAY	RS.	37657.89
9	SUBHEAD - IX :LIGHTING COUNDUCTOR	RS.	124623.32
	TOTAL		8456117.70
	GRAND TOTAL		84.56

नन्द प्रकाश बाजपेयी
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई - आगरा

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
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SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR

PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.

S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
	SUB-HEAD - I : INTERNAL WIRING				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.				
a)	Group - C	483	Point	1,286.52	6,21,389.16
				-	-
2	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS/HFFR PVC insulated copper conductor single core cable etc. as required.				
	Group -C	322	Point	750.47	2,41,651.34
				-	-
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.				
	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	805	Metre	201.59	1,62,275.93
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	1344	Metre	234.81	3,15,662.45
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	1150	Metre	281.62	3,23,716.44
	4 x 6 sq.mm + 2 x 6 sq.mm. earth wire	480	Metre	613.82	2,94,631.20
	4 x 10 sq.mm + 2 x 6 sq.mm. earth wire	480	Metre	813.89	3,90,667.20
	4 x 16 sq.mm + 2 x 6 sq.mm. earth wire	390	Metre	1,097.77	4,28,130.30
				-	-
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 amps modular switch, connection etc. as required.	408	Each	411.48	1,67,881.80
				-	-
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	209	Each	497.55	1,03,986.91
				-	-
6	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	31	Each	609.29	18,887.84
				-	-
7	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	164	Each	303.51	49,775.64
				-	-
8	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required	81	Each	35.49	2,874.29
				-	-
9	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
	5/6 A switch	408	Each	91.36	37,272.84
	3 pin 5/6 A socket outlet	408	Each	102.68	41,893.44
				-	-
10	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	485	Each	78.52	38,082.20
				-	-
11	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	164	Each	166.59	27,320.88

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

उ०प्र० पुलिस आवास विभाग

निर्माण इकाई आगरा

164

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

उ०प्र० पुलिस आवास विभाग

निर्माण इकाई आगरा

166.59

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

उ०प्र० पुलिस आवास विभाग

निर्माण इकाई आगरा

27,320.88

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

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निर्माण इकाई आगरा

12	Supplying and fixing extra down rod of 10 cm length G.I. pipe, 15 mm dia, heavy gauge including painting etc. as required. (Note : More than 5 cm length shall be rounded to the nearest 10 cm and 5 cm or less shall be ignored)	164	Each	40.02	6,562.46
	TOTAL				3272662.31
	SUB-HEAD II - FANS & LIGHT FIXTURES:				
13	LED Down lighter (SMD Type) (System lumen efficacy >135lm/Watt) Supplying, Installation, Testing & Commissioning of LED Recessed/surface Down lighter (Round /square/Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range - 5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), life time of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K/ 4000°K /5700°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output. LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body including trim .			-	-
	8-10 watt	274	Each	496.04	1,35,913.59
				-	-
				-	-
14	LED Batten light (System lumen efficacy >135 lm/Watt) Supplying, installation, Testing & Commissioning of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140- 270 Volt, frequency 50/60 hz, Operating temp range -5 0C to 40 0C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, Flicker free (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing complete in all respect i/c external connections with 1.5 sq mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy >135 lm/Watt output . LM79 & LM80 Test report and all testing required for LED fixtures as per BIS shall be submitted.. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)			-	-
	18- 22 Watt	263	Each	594.19	1,56,270.66
	40 watt				
				-	-
15	Supplying of Bulkhead type light fitting complete with, wire guard, holder, electronic ballast 1 x 10 W lamp including connections etc.Including connection with 1.5 sqmm FRLS PVC insulated copper conductor as required.	28	Each	1505.70	42159.60
				-	-

नरेश प्रकाश बाजपेयी
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50 प्रो पुलिस आवास निगम
चेन्नई इकाई - 3

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
प्रो पुलिस आवास
निर्माण इकाई 3

इकाई प्रभारी
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16	Brush Less Direct Current (BLDC) Fan with Remote Supply, Installation, Testing and Commissioning of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal (Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body. Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, remote (preferably mobile app based) for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 OC (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC supply Ceiling Fan compliant to IS 374:2019 fan l/c external connections with 1.5 sq.mm FRLS/HFFR, PVC insulated copper conductor single core cable and earthing etc. as required.	164	Each	2,034.73	3,33,694.90
17	Supplying of following size exhaust fan complete with gravity louver and connection with 3 core flexible wire as required. 300mm EXHAUST FAN	61	Each	2160.90	131814.90
	TOTAL				799853.65
	SUBHEAD- III: DISTRIBUTION BOARD				
18	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required 100 A,30KA,FPMCCB	1	Each	6,135.89	6,135.89
				-	-
19	Supplying and fixing following way ,single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 8 way, Double door	10	Nos.	2,093.62	20,936.15
				-	-
20	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) 6 way Double door 8 way Double door 12 way Double door	16 7 3	Nos. Nos. Nos.	4,000.75 4,784.44 7029.00	64,011.92 33,491.05 21087.00
21	Supplying and fixing following way surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TP DB is normally used where 3 phase outlet are required.) 4 way (4 + 12), Double door	11	Nos.	6,003.01	66,033.06
22	Supplying and fixing TP/FP sheet steel enclosure on surface/ recess. Suitable for upto 125 A 415 V MCCB complete with connections, testing and commissioning etc. as required.	38	Each	2700.00	102600.00
23	Supplying and fixing following rating, four pole, 415 V, MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required 40 amps TP MCB 63 amps TP MCB 40 amps 4P MCB 63 amps 4P MCB 100 amps 4P MCB	28 3 16 8 5	Each Each Each Each Each	1743.30 1823.40 2301.30 2392.20 8733.60	48812.40 5470.20 36820.80 19137.60 43668.00
24	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole Double pole Triple pole	415 10 6	Nos. Nos. Nos.	215.18 525.48 807.85	89,297.63 5,254.80 4,847.10
25	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	42	Each	10.57	438.66
26	Supplying and fixing 1P LCD Energy Meter 5-30A with BOX	11	Each	1808.10	19889.10
27	Supplying and fixing 3Ph 4 W kWh Dir base mtg 240V 10- 60 A Energy Meter	11	Each	4477.50	49252.50

28	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32 A 240 V "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	31	Each	949.79	29443.49
29	Supplying and fixing 4P sheet steel enclosure on surface/ recess complete with connections, testing and commissioning etc. as required.	1	Each	612.90	612.90
30	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.				
	90 mm dia (OD-90 mm & ID-76 mm nominal)	15	Metre	138.17	2,072.48
	TOTAL				669312.70
	SUBHEAD: - IV - MV PANEL				
31	Supply, installation, testing and commissioning of electrical panel, modular type, front accessible only, free floor standing conforming to Minimum IP:43 degree of protection. The panel sheet structure shall undergo seven tank pre-treatment process before painting. The sheet steel shall be all of 2.0mm thick CRCA sheet. All the openable compartments of the panel shall be completely shrouded and provided with padlocking arrangement on all compartments including bus bar and cable alley chambers. The panel height shall not exceed 2200mm and the maximum operating height for any switchgear shall not be more than 1700mm. The panel shall be provided with minimum 75mm base channel frame fabricated from ISMC sections. All bus bar links in the panel shall be solid bus bars with coloured PVC shrinkable sleeves, no wires will be acceptable. Continuous earth bus shall run around the panel with earthing studs provided at minimum 2 places. The control wiring shall be carried out with minimum 1.5/2.5 sqmm copper wires and adequate number of NO/NC, potential free contacts incorporated for remote operation of the starters. Proper sized cable termination gland plates shall be provided on cable alleys and knockouts for same shall be provided during fabrication stage itself. The panel shall be provided with a thermostatically controlled heating arrangement (200 W) to take care of high humidity conditions. A 5A socket service outlet (single phase) shall be provided in one of the compartments as service outlet in the panel. Panel shall be so designed as to have minimum 20% spare feeders/space. Panel shall undergo epoxy powder coated paint, colour as per IS:5 requirement. All cable terminations shall be from top. The complete panel shall be fuse less type, for control circuits 2A/6A MCB's to be used. All bus bars shall be of aluminium, electrolytic grade only. Maximum design density shall not exceed 1 Amps/Sqmm. All bus bars shall be insulated with coloured heat shrinkable PVC sleeved. All bus bar supports shall be non hygroscopic DMC/SMC supports.				
	The panel shall be manufactured in conformance to requirements of local electrical inspector and it shall be contractors responsibility to get initial approval of drawings and also final approval of complete electrical works related to this section.				
	The minimum clearances between bus bars shall be as follows :				
	Phase to phase - minimum 20mm				
	Phase to neutral-minimum 15mm				
i.	MAIN LT PANEL				
	Incoming :				
	2 No 400 Amp. MCCB of 25 KA Breaking capacity(Transformer 1)				
	2 No 320 Amp. MCCB of 25 KA Breaking capacity(DG 1)				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	2 No. 500 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	2 No. 400 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. 250 Amp 4P MCCB of 25KA Breaking capacity				
	3 No. 160 Amp 4P MCCB of 25KA Breaking capacity				
	1 No. 125 Amp 4P MCCB of 25KA Breaking capacity				
	1 No. 100 Amp 4P MCCB of 25KA Breaking capacity				
	3 No. 63 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. 40 Amp 4P MCCB of 25KA Breaking capacity				
	2 No. Space for Spare				
	Panel described as above				
ii	EM SIDE PANEL				
	Incoming :				
	1 No. 160 Amp 4P MCCB of 25 KA Breaking capacity Transformer Side				

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निर्माण इकाई आगरा

	1 No. 63 Amp 4P MCCB of 25 KA Breaking capacity(DG Side				
	1 No. 160 Amp 4P MCCB of 25 KA Breaking capacity Bus Coupler				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	2 No. 200 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	1 No. 160 Amp 4P MCCB of 16KA Breaking capacity (Power VTPN)				
	2 No. 100 Amp 4P MCCB of 16KA Breaking capacity (Power VTPN+Spare				
	7 No. 63 Amp 4P MCCB of 16KA Breaking capacity (Light VTPN+Spare				
	2 No. Space for Spare				
	Panel described as above	1 ✓	Nos.	358970.85 ✓	358970.85 ✓
iii	Lift Panel				
	Incoming :				
	1 No. 125 Amp 4P MCCB of 25 KA Breaking capacity				
	1 No. 125 Amp 4P MCCB of 25 KA Breaking capacity Changeover				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	1 No. 160 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	3 No. 63 Amp 4P MCB of 16KA Breaking capacity				
	3 No. 32 Amp 4P MCB of 16KA Breaking capacity				
	2 No. Space for Spare				
	Panel described as above	1 ✓	Nos.	73773.00 ✓	73773.00 ✓
iii	UPS Panel				
	Incoming :				
	2 No. 63 Amp 4P MCCB of 25 KA Breaking capacity				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	1 No. 100 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	3 No. 63 Amp 4P MCB of 16KA Breaking capacity				
	2 No. 40 Amp 4P MCB of 16KA Breaking capacity				
	2 No. Space for Spare				
	Panel described as above	1 ✓	Nos.	34875.00 ✓	34875.00 ✓
iii	METER BOARDPanel				
	Incoming :				
	1 No. 250 Amp 4P MCCB of 25 KA Breaking capacity				
	Metering :				
	1 Set of CT's & Multifunction Meter For all Incoming & Outgoing				
	1 Set of Phase Indication Lamp For all Incoming & Outgoing				
	Bus Bar :				
	1 No. 315 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	20 No. 63 Amp 4P MCB of 16KA Breaking capacity				
	1 No. 40 Amp 4P MCB of 16KA Breaking capacity				
	2 No. Space for Spare				
	Panel described as above	1 ✓	Nos.	168750.00 ✓	168750.00 ✓
iii	CAPACITOR PANEL				

प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
50 प्रो पुलिस आवास निगम लि.

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
50 प्रो पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रमारी
50 प्रो पुलिस आवास निगम लि.
निर्माण इकाई आगरा

	SITC APFC Panel of 160 KVAR capacity suitable for operation on 415 + 5% Volt, 3 Phase, 50Hz, AC supply, having MPP type, resin bounded, static 5,10,15,25 KVAR capacitors (without oil) in tier formation complete with following TPN MCCB as incomer of the panel, 8 step microprocessor based power factor controller relay capable to select the rating from 1 KVAR to multiples thereon up to max rating of the panel, current limiting contactors for each capacitors protected with MCBs, Ammeter (Analogue type) with CTs, Voltmeter (Analogue type) selector switches indicating lights, cooling fans for panel, earthing the panel with 2 Nos. 25mm x 5mm thick GI steel flat from existing earth bar, connection of APFC panel with suitable size 3.5 core aluminium conductor armoured XLPE cable from main LT panel (maximum length of cable 10 mtrs.) and compression glands etc. as reqd. The panel should have provision of timer based circuit in APFC relay to switch ON and OFF the static part automatically as and when required. Capacity of Static capacitors should be accommodated from the overall rating of the panel and should be designed to switch in independently. The panel should be manufactured with 1.6mm thick CRCA sheet duly powder coated.				
	Incoming				
	One (1) No 400 Amp. 4P MCCB of 35 KA Breaking capacity				
	BUS BAR				
	1 Set of 500Amps TPN Aluminium Bus Bars				
	OUT GOING				
	05 No. 63 Amps. TP MCCB (25 KA)-20 KVAR				
	05 No. 32 Amps. TP MCCB (25 KA)- 10 KVAR				
	02 No. 25 Amps. TP MCCB (25 KA)- 5 KVAR				
	Panel described as above	1	Set	2,73,417.89	2,73,417.89
	TOTAL				1435225.64
	SUBHEAD: - V - EARTHING				
32	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Details of cost for one each	1	Each	237.83	237.83
33	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required.	6	Set	6,305.01	37,830.03
34	Supplying and laying 25 mm X 5 mm G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	120	Meter	120.80	14,496.00
35	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	20	Metre	236.32	4,726.30
36	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	10	Meter	216.69	2,166.85
	TOTAL				59457.01
	SUB-HEAD -VI- TELEPHONE & LAN SYSTEM				
37	Supplying, drawing, connecting and testing of 0.5 mm dia annealed copper conductor PVC insulated PVC sheathed telephone wire in existing conduit/wire way duct etc. as required of following sizes:				
a.	2 Pair (4 core)	350	Metre	29.45	10,305.75
38	Providing, laying, connecting and testing of multi-core telephone armoured cable of conductor size 0.5mm dia annealed copper conductor PVC insulated PVC sheathed jelly filled (as per DOT specification) cable along wall or ceiling or through existing pipe.				
	50 Pair telephone cable	100	Metre	727.20	72720.00
	20 Pair telephone cable	60	Metre	342.90	20574.00
	10 Pair telephone cable	40	Metre	238.50	9540.00
	5 Pair telephone cable	85	Metre	315.00	26775.00
39	Providing, fixing connecting and testing of under noted size of solderless telephone tag block Krone make in surface/recess in wall required size of M.S. box with hinged lockable cover duly stove enamel painted.				
	5 Pair tag block	2	Each	2277.00	4554.00
	10 pair tag block	4	Each	3115.80	12463.20

40	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20mm dia PVC conduit	950 ✓	Metre	114.01	1,08,304.75
b)	25mm dia PVC conduit	450 ✓	Metre	126.84	57,078.00
c)	32mm dia PVC conduit	225 ✓	Metre	157.80	35,503.88
				-	-
41	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required			-	-
	1 or 2 Module (75mmX75mm)	120 ✓	Each	267.27	32,072.40
				-	-
42	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required			-	-
	Telephone socket outlet	28 ✓	Each	126.84	3,551.52
	TV antenna socket outlet	63 ✓	Each	126.84	7,990.92
	Bell Push	18 ✓	Each	120.05	2,160.81
	RJ-45 Data Socket outlet	29 ✓	Each	563.40	16338.60
				-	-
43	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	18 ✓	Each	84.56	1,522.08
				-	-
44	Supplying, drawing, Installation, Testing and commissioning of CAT6 UTP LSZH 23AWG Twisted Pair Cable in existing conduit/ on surface, Category 6 Unshielded Twisted Pair, 4 pair should be complied as per UL/ETL verification program for compliance with ANSI/TIA-568.2-D standard. Outer diameter should be in the range of 6.1mm nominal with Operating Temperature Range : -5° to +60°C, Bending Radius : < 4 X Cable Diameter at -5°C ± 1°C and Pulling Force : 11.5Kg etc. complete as required.			-	-
	1 run of cable	870 ✓	Metre	45.30	39,411.00
				-	-
45	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	1575 ✓	Metre	40.77	64,212.75
				-	-
	TOTAL RS.				525078.66
	SUB-HEAD -VII : L.T. CABLES				
46	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required				
	Up to 35 sq.mm.	50 ✓	Meter	35.49	1,774.25
	Above 185 sq.mm. and up to 400 sq.mm.	15 ✓	Meter	128.35	1,925.25
47	Supply of following size of 1.1KV grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS 7098:1988 with up to date amendment				
	3.5 x 300 sq.mm.	240 ✓	Metre	3,051.00	7,32,240.00
	3.5 x 95 sq.mm	211 ✓	Metre	1,066.50	2,25,031.50
	3.5 x 70 sq.mm	150 ✓	Metre	853.20	1,27,980.00
	3.5 x 50 sq.mm	100 ✓	Metre	630.90	63,090.00
	3.5 x 35 sq.mm	150 ✓	Metre	470.70	70,605.00
	3.5 x 25 sq.mm.	150 ✓	Metre	381.60	57,240.00
	4 x 25 sq.mm	255 ✓	Metre	369.00	94,095.00
	4 x 16 sq.mm	250 ✓	Metre	355.50	88,875.00
48	Supplying and making cable end terminations with brass compression gland and aluminium lugs for following size of PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade, complete as required.				
	2 X 6 sq. mm (19mm)	12 ✓	Each	221.97	2,663.64
	3½ X 25 sq. mm (28mm)	4 ✓	Each	280.11	1,120.42
	3½ X 35 sq. mm (32mm)	4 ✓	Each	329.94	1,319.74
	3½ X 300 sq. mm (70mm)	4 ✓	Each	1,008.68	4,034.72
	4 X 16 sq. mm (28mm)	4 ✓	Each	276.33	1,105.32
49	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required				
	100 mm dia	10 ✓	Meter	1,448.09	14,480.90

50	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required.				
	150 mm dia	60 ✓	Meter	638.73	38,323.80
51	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.			-	-
	90 mm dia (OD-90 mm & ID-76 mm nominal)	25 ✓	Metre	253.68	6,342.00
	TOTAL				1532246.54 ✓
	SUB-HEAD - VIII : CABLE TRAY				
52	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray (Galvanisation thickness not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	25 ✓	Meter	569.27	14,231.75
	150 mm wide x 50 mm depth x 1.6 mm thickness.	8 ✓	Meter	606.27	4,850.12
	300 mm wide x 50 mm depth x 1.6 mm thickness.	5 ✓	Meter	801.81	4,009.05
				-	-
53	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "bends" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	2 ✓	EACH	945.26	1,890.52
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,032.84	1,032.84
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,492.64	1,492.64
				-	-
54	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "Tee" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	2 ✓	EACH	1,077.39	2,154.77
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,121.93	1,121.93
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,731.97	1,731.97
				-	-
55	Supplying and installing following size of perforated Hot Dipped Galvanised Iron cable tray "Reducer" (galvanisation not less than 50 microns) with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers GI Suspenders i/c base of suitable size GI angle, GI bolts & nuts, fastner etc as required.				
	100 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,337.11	1,337.11
	150 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	1,547.00	1,547.00
	300 mm wide x 50 mm depth x 1.6 mm thickness.	1 ✓	EACH	2,258.21	2,258.21
				-	-
	TOTAL				37657.89 ✓
	SUBHEAD - IX : LIGHTING COUNDUCTOR				
57	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required. For lightning Conductor	6 ✓	Each	6,305.01	37,830.03
				-	-

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उपग्रो पुलिस अधीनस्थ निगम
निमाण इकाई आगरा


मन्दी प्रकाश बाजपेयी


सहायक अभियन्ता (सिविल)

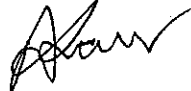
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58	Providing and fixing of lightning conductor finial , made of 25mm dia 300mm long Copper tube, having single prong at top, with 85mm dia 6mm thick G.I. base plate including holes etc. complete as required.	2	Each	459.80	919.59
59	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	20	Each	104.95	2,098.90
60	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	220	Metre	111.74	24,582.80
61	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	300	Metre	179.69	53,907.00
62	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	50	Set.	105.70	5,285.00
TOTAL RS.					124623.32



प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल)
 उ०प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा



अमरजीत चौहान
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इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)		
SUMMARY SHEET OF FIRE-FIGHTING WORK		
Sr.No.	ITEMS	AMOUNT
1	TOTAL COST FOR FIRE FIGHTING SERVICES (P-47)	9320192.17 ✓
2	TOTAL COST FOR FIRE ALARM SERVICES (P-49)	2073726.79 ✓
	TOTAL Rs.	11393918.96 ✓
	SAY	113.94 ✓


विन्दु प्रकाश बाजपेयी
 अवर अभियन्ता (सिविल),
 उ० प्र० पुलिस आवास निगम
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अमरजीत चौहान
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TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)					
SCHEDULE OF QUANTITIES FOR FIRE FIGHTING SYSTEM					
Sr. No.	DESCRIPTION OF ITEM	UNIT	QTY.	Rate (In Rs.)	Amount (In Rs.)
SUB HEAD-I: FIRE PUMP ROOM & EXTERNAL WORKS					
1	FIRE PUMPS - ELECTRICAL Supplying, installation, testing and commissioning of Electric driven Main Fire Pump suitable for automatic operation and consisting of following, complete in all respects, as required :				
	(a) Horizontal type, multistage, centrifugal, split casing pump of cast iron body & bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520. (b) Suitable HP Squirrel cage induction motor, TEFC, synchronous speed 1500 RPM, suitable for operation on 415 volts, 3 phase 50 Hz, AC supply with IP 55 protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS-325. (c) M.S. fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. (d) Suitable cement concrete foundation duly plastered with anti vibration pads.				
	2850 lpm at 88 m Head	Set	2 ✓	358919.45 ✓	717838.90 ✓
2	FIRE PUMPS - DIESEL ENGINE DRIVEN Supplying, installation, testing and commissioning of diesel engine driven main fire pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Diesel Driven Pump) Horizontal type, multistage, centrifugal pump of cast of iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS 1520.				
	Suitable HP, 1500 RPM water cooled with radiator, diesel engine conforming to relevant IS standard complete with auto starting mechanism, 12 /24 volts electric starting equipment, diesel tank, exhaust pipe extended upto 10 m outside pump house duly insulated with 50 mm thick glass wool with 1.0 mm thick aluminium sheet cladding, residential silencer, instruments and protection as per standard specification, stop solenoid for auto stop in the event of fault with audio indications, painted with post office red colour etc. as required. M.S fabricated, common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads.				
	2850 lpm at 88 m Head	Set	1 ✓	542276.49 ✓	542276.49 ✓
3	JOCKEY PUMP:- Supplying, installation, testing and commissioning of electric driven pressurisation pump suitable for automatic operation and consisting of following, complete in all respects, as required : (Jockey Pump)				
	Horizontal type, multistage, centrifugal pump of cast iron body and bronze impeller with stainless steel shaft, mechanical seal conforming to IS : 1520.				
	Suitable HP squirrel cage induction motor TEFC type suitable for operation on 415 volts, 3 phase 50 Hz AC supply with IP 55 class of protection for enclosure, horizontal foot mounted type with Class-'F' insulation, conforming to IS : 325. M.S.fabricated Common base plate, coupling, coupling guard, foundation bolts etc. as required. Suitable cement concrete foundation duly plastered and with anti vibration pads.				
	180 lpm at 88m Head	Set	2 ✓	101299.11 ✓	202598.21 ✓
4	Providing & fixing of pressure switch in M.S. pipe line including connection etc. as required.	Nos.	5 ✓	1260.85 ✓	6304.25 ✓

नन्द प्रकाश बाजपेयी
वर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
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5	Pressure Vessel Providing, fixing, testing and commissioning of pressure vessel for pressurization of fire system complete with valves at outlet / drain to operate as per operating sequences including 25 mm dia drain valve, air release valve with stop cock on the top, outside with one coat of primer & two coats of synthetic enamel paint of approved shade complete as required to operate commonly main fire pump, sprinkler pump & jockey pump at drop of pressure, automatically at required pressure setting. It should be complete as per manufacturer's specifications & as directed by Engineer- in-charge. working pressure:- 7 kg/sqcm test pressure: 10 kg/sqcm (450 mm dia & 2000 mm height)	Nos.	2 ✓	32850.00 ✓	65700.00 ✓
6	Providing & fixing of Anti vibration Expansion Bellow at pump inlet and outlet etc. as required. 200 mm dia. 150 mm dia. 100 mm dia. 80 mm dia.	Nos.	3 ✓ 3 ✓ 2 ✓ 2 ✓	16650.00 ✓ 11250.00 ✓ 9450.00 ✓ 7650.00 ✓	49950.00 ✓ 33750.00 ✓ 18900.00 ✓ 15300.00 ✓
7	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required	No.	7 ✓	1125.71 ✓	7879.94 ✓
8	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required : 200 mm dia. 150 mm dia. 100 mm dia. 80 mm dia.	Nos.	3 ✓ 3 ✓ 2 ✓ 8 ✓	12267.24 ✓ 7351.44 ✓ 5489.61 ✓ 4081.53 ✓	36801.72 ✓ 22054.31 ✓ 10979.21 ✓ 32652.24 ✓
9	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required : 200 mm dia. 150 mm dia. 80 mm dia.	Nos.	1 ✓ 2 ✓ 1 ✓	23326.48 ✓ 14257.42 ✓ 6232.53 ✓	23326.48 ✓ 28514.84 ✓ 6232.53 ✓
10	Providing, installation, testing and commissioning of stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange. 200 mm dia.	Nos.	1 ✓	17796.11 ✓	17796.11 ✓
11	Providing laying, testing & commissioning of 'C' class heavy duty MS Pipe conforming to IS 1239/3589 i/c fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. in ground including welding, excavation & providing cement concrete blocks as supports, anticorrosive treatment with coaltar/asphalt tape as per IS 10221, refilling the trench etc. of following sizes complete as required. (EXTERNAL WORKS) 150 mm dia. 100 mm dia. 80 mm dia.	Rmt	310 ✓ 30 ✓ 20 ✓	3853.52 ✓ 3150.00 ✓ 2520.00 ✓	1194591.20 ✓ 94500.00 ✓ 50400.00 ✓
12	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required : (PUMP ROOM WORKS) 80 mm nominal bore 100 mm nominal bore 150 mm nominal bore 200 mm dia (wall thickness 6.3 mm) 250 mm dia (wall thickness 6.3 mm)	Rmt	22 ✓ 22 ✓ 22 ✓ 23 ✓ 11 ✓	1719.14 ✓ 2323.14 ✓ 3245.75 ✓ 4998.10 ✓ 6057.37 ✓	37820.97 ✓ 51108.97 ✓ 71406.39 ✓ 114956.30 ✓ 66631.02 ✓

अरवि प्रकाश
अवर अभियन्ता (सिविल),
उ० प्र० पुलिस आवास निगम

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.

13	Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of following sizes as required :				
	150mm dia	Nos.	1 ✓	38357.78 ✓	38357.78 ✓
14	Supplying and fixing Single headed external yard hydrant valve with 1 No. 63 mm dia instantaneous FM Gunmetal/Stainless Steel coupling and cast iron wheel, ISI marked, conforming to IS 5290 (type A) with blank Gunmetal/Stainless Steel cap and chain as required :				
	Single headed Gunmetal	Set	6 ✓	6197.04 ✓	37182.24 ✓
15	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm2 complete as required.	Nos.	6 ✓	1084.18 ✓	6505.08 ✓
16	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :				
	Gun metal	Set	12 ✓	4118.53 ✓	49422.30 ✓
17	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :				
	Gun metal	Set	6 ✓	3757.64 ✓	22545.81 ✓
18	Providing and fixing standard fire mans axe with heavy duty insulated rubber handle.	Set	6 ✓	1476.00 ✓	8856.00 ✓
19	Providing & Fixing of M.S. fire hose weather proof cabinet (750x600x250mm) made out of 16 gauge M.S. sheet capable of accommodating landing valve, hose pipes, fittings & accessories. The box shall have a front glass door with lock and key arrangement & shall be painted with one coat of primer & two coat of finished stove enamelled post office red colour paint & "FIRE HOSE" written on front.	Sets	6 ✓	4365.00 ✓	26190.00 ✓
20	Supplying and fixing of fire brigade connection of cast iron body with gun metal male instantaneous inlet couplings complete with cap and chain as reqd. for suitable dia MS pipe connection conforming to IS 904 as required :				
	2 way - 100 mm dia M.S. Pipe (Siamese Connection)	Set	1 ✓	5482.81 ✓	5482.81 ✓
	4 way - 150 mm dia M.S. Pipe	Set	1 ✓	11189.10 ✓	11189.10 ✓
	TOTAL OF SUBHEAD-I				3726001.17 ✓
SUB HEAD-II: INTERNAL FIRE FIGHTING WORKS (HYDRANT SYSTEM)					
1	Providing and fixing in position the industrial type pressure gauges with gun metal / brass valves complete as required (for terrace booster pump)	No.	2 ✓	1125.71 ✓	2251.41 ✓
2	Providing, installation, testing and commissioning of stainless steel Y-strainer fabricated out of 1.6 mm thick stainless steel, Grade 304, sheet with 3 mm dia holes with stainless steel flange.				
	100 mm dia.	Nos.	1 ✓	5488.85 ✓	5488.85 ✓

अमरजीत चौहान

प्रभारी सहायक अभियन्ता

उ०प्र० पुलिस आवास निगम


निर्माण इकाई आगरा


अमर प्रकाश यादव


अवर अभियन्ता (सिविल)

3	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
	100 mm dia.	Nos.	3 ✓	5489.61 ✓	16468.82 ✓
4	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :				
	100 mm dia.	Nos.	1 ✓	8949.02 ✓	8949.02 ✓
5	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				
	80 mm nominal bore	Rmt	20 ✓	1719.14 ✓	34382.70 ✓
	100 mm nominal bore	Rmt	132 ✓	2323.14 ✓	306653.82 ✓
6	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/Stainless Steel coupling of 63 mm dia with cast iron wheel ISI marked conforming to IS 5290 (Type -A) with blank Gunmetal/Stainless Steel cap and chain as required :				
	Single headed Gunmetal	Set	20 ✓	6197.04 ✓	123940.80 ✓
7	Supplying and fixing first-aid Hose Reel with MS construction spray painted in post office red, conforming to IS 884 complete with the following as required.				
	20 mm nominal internal dia water hose thermoplastic (Textile reinforced) type -2 as per IS: 12585				
	20 mm nominal internal dia gun metal globe valve & nozzle, Drum and brackets for fixing the equipments on wall. Connections from riser with 25 mm dia stop gun metal valve & M.S. Pipe and socket.				
	40 m	Set	20 ✓	12860.67 ✓	257213.40 ✓
8	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required :				
	Gun metal	Set	40 ✓	4118.53 ✓	164741.00 ✓
9	Supplying & fixing 63 mm dia gun metal short branch pipe with 20 mm nominal internal diameter size nozzle conforming to IS 903 suitable for instantaneous connection to interconnect hose pipe coupling as required :				
	Gun metal	Set	20 ✓	3757.64 ✓	75152.70 ✓
10	Providing and fixing standard fire mans axe with heavy duty insulated rubber handle.	Set	20 ✓	1476.00 ✓	29520.00 ✓
11	Providing of FHC Door made of 16 gauge MS Sheet with frame of size 105x70mm complete door and frame assembly including all hardwares (Concealed Flush handle, Allen Key Lock, MS Hinges, 5mm Thick Float glass) & accessories . The door to be painted with fire resistance paint. The scope shall also include the painting of the frame with the same paint as the shutter or complete as per direction of Engineer-in-charge. (Approx. size of door: 900mm Wide & 1500mm Height)	Sets	20 ✓	8550.00 ✓	171000.00 ✓
12	Supplying and fixing orifice plate made out of 6 mm thick stainless steel (Grade 304) with orifice of required size to be fitted between flange & landing valve of external and internal hydrants to reduce pressure at the outlet to the level of 3.5 kg/cm2 complete as required.	Nos.	20 ✓	1084.18 ✓	21683.60 ✓
13	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and painting with synthetic enamel paint of approved shade as required.				
		No.		14648.51 ✓	29297.02 ✓

	TOTAL OF SUBHEAD-II				1246743.13
	SUB HEAD-III: SPRINKLER SYSTEM				
1	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories :				
	Pendent type sprinkler	Nos.	289 ✓	452.25 ✓	130698.81 ✓
	Upright Sprinkler	Nos.	123 ✓	452.25 ✓	55626.14 ✓
	Horizontal side wall sprinkler	Nos.	93 ✓	527.75 ✓	49080.29 ✓
2	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL Listed or FM approved complete as required.	Each	123 ✓	199.32 ✓	24516.36 ✓
3	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required.				
	Length upto 700 mm	Each	505 ✓	1128.73 ✓	570006.13 ✓
4	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :				
	150 mm nominal bore	Rmt	77 ✓	3245.75 ✓	249922.37 ✓
	100 mm nominal bore	Rmt	50 ✓	2323.14 ✓	116156.75 ✓
	80 mm nominal bore	Rmt	110 ✓	1719.14 ✓	189104.85 ✓
	65 mm nominal bore	Rmt	165 ✓	1476.03 ✓	243544.13 ✓
	50 mm nominal bore	Rmt	286 ✓	1175.54 ✓	336203.01 ✓
	40 mm nominal bore	Rmt	275 ✓	950.55 ✓	261399.88 ✓
	32 mm nominal bore	Rmt	84 ✓	784.45 ✓	65579.60 ✓
	25 mm nominal bore	Rmt	759 ✓	694.60 ✓	527201.40 ✓
5	Providing & fixing flow switch in following sizes M.S. pipe including connection etc as required.				
	100mm dia	Nos.	20 ✓	6092.10 ✓	121841.90 ✓
6	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :				
	100 mm dia.	Nos.	5 ✓	5489.61 ✓	27448.03 ✓
	65 mm dia.	Nos.	12 ✓	3557.56 ✓	42690.72 ✓
	50 mm dia.	Nos.	23 ✓	3106.07 ✓	71439.61 ✓
7	Supplying, installation, testing & commissioning of Test and Drain Valve Assembly, including accessories such as test valve, unions, sight glass & drain valve for 50mm pipes size complete as required.	Set	20 ✓	5040.00 ✓	100800.00 ✓


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8	Supplying, installation, testing and commissioning of annunciation panel made out of not less 1.6 mm thick CRCA sheet powder coated in approved colour with locking arrangement, audio and visual indication of fault and operation of automatic sprinkler, system monitoring including providing and fixing the following, connections interconnections etc. complete as required. The Panel shall be Micro processor type/solid state type. a) Monitoring Nos. of flow switches. b) Monitoring the open circuit, short circuit & earth fault in control cable between panel and flow switches. c) Battery charger trickle cum boost to take complete load of annunciation panel complete with indication of low battery voltage, mains failure and other accessories including providing and fixing of 2 Nos. 12 volts 24 AH each sealed maintenance free batteries. d) Audible alarm	Set	1	121500.00 ✓	121500.00
TOTAL OF SUBHEAD-III					3304759.94
SUB HEAD-IV: FIRE EXTINGUISHER					
1	Supply and fixing of C02 type fire extinguisher 4.5 kg. capacity (ISI Marked IS : 2878 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of work.	Each	20 ✓	10782 ✓	215640.00 ✓
2	Supply and fixing of fire extinguisher, ABC Type 6.00 kg. capacity (ISI Marked IS : 15683 & TAC approved) complete with initial charge and wall bracket, along with supply of all materials and labour for proper completion of work.	Each	20 ✓	8190 ✓	163800.00 ✓
3	Providing and fixing Fire related signages printed on photoluminescent U1000 aluminium sheet of 1.0 mm (+/-10%) containing Lumigen II as base chemical, covered under UV stablized coating and of appropriate size including fixing on wall, door, ceiling etc. with proper clamps, hangers, cleats, anchor fasteners etc. complete in all respects as directed by Engineer-in-charge.	Nos.	20 ✓	900 ✓	18000.00 ✓
TOTAL OF SUBHEAD-IV					397440.00
SUB HEAD-V: ELECTRICAL WORKS					
FIRE FIGHTING PANEL					
1	Fabrication, supply, Insallation testing & commissioning of Electrical control panel of cubical construction, floor mounted type, fabricated out of 2mm thick CRCA sheet, compartmentalised with hinged lockable doors, dust and vermin proof, powder coated of approved shade after 7 tank treatment process, cable alley, interconnection with suitable size copper conductor cable/solid copper strip, having switchgears and accessories, mountings and internal wiring, earth terminals, numbering etc. complete in all respect, suitable for main fire pump, pressurisation pump & diesel pump set complete as per CPWD specification with following in coming and Outgoings, suitable for operation on 415V, 3 phase, 50Hz Ac Supply with enclosure protection class IP 42 as required :				
INCOMING					
	800A, 50kA 4 Pole MCCB, Ics=100% Icu rating Digital Voltmeter 0 500V with selector switch Digital Ammeter (0-800 A) with selector swtich & CTs etc. LED type RYB phase indicating lamps, ON, OFF, trip indicating lamps Set of Copper Bus Bar 1000A				
OUTGOING					
	(Note : All outgoing feeders for pumps should have digital Ammeter with selector switches, and LED type ON, OFF, trip indicating lamps)				

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अमरजीति चौहान

प्रभारी सहायक अभियन्ता

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	Main Fire Pump 250 A, 50kA TPN MCCB, Ics=100% Icu, with fully automatic Star/Delta starter suitable for 100 HP pump with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. -2 sets				
	Jockey Pump 125 A, 50kA TPN MCCB, Ics=100% Icu, with suitable HP fully automatic Star/Delta starter with overload protection, current sensing type single phase preventor complete with all accessories and internal wiring required for automatic operation, selector switch for local/remote, auto/manual/OFF operation. -2 sets				
	DIESEL ENGINE CONTROL Control for diesel engine comprising - Automatic/Manual selector switch & 3 attempts starting device, timers and relays as required, push buttons, start/stop in manual mode Indicating lamp for high/ Low Lub. Oil pressure, High Water Temp and Engine on indication Battery charger suitable for 12V/24 V DC with boost and trickle selector switch, 0-30 V DC volt meter, and 0- 20 A DC Ammeter All standard relays and accessories for automatic operation of diesel engine System Controller Designing, Supply, Installation, Testing and commissioning of system controller to control operation of main electric fire pump, diesel pump, Pressurization pump, Terrace pump in sequence as per specification consisting of relays, timers. Sensors, annunciation window for fault indication, complete as per specification	Set	1	454212.53	454212.53
2	Supply, installation , testing & commissioning of XLPE insulated and PVC outer sheathed Aluminium conductor armoured cable of 1.1 KV grade confirming to IS : 7098:1988 (with upto date amendments) of following sizes.				
	3-1/2 core, X 120 sqmm.	Mtr	55	741.60	40788.00
	4 Core, X 6 sqmm.	Mtr	55	248.40	13662.00
3	Supplying and making end termination with brass compression gland & Al.lugs for following sizes of PVC insulated, PVC sheathed/ XLPE Al.conductor cables of 1.1 KV grade as required.				
	3-1/2 core, X 120 sqmm.	Nos.	12	218.70	2624.40
	4 Core, X 6 sqmm.	Nos.	8	68.40	547.20
4	Supplying and laying control wiring with multicore copper stranded conductor of following sizes PVC insulated, PVC sheathed armoured cable between various sensors and system controller/starter etc.in pump house & out side on surface/existing cable tray complete with connections at both end with glands etc.as required				
	8 x 2.5 sq.mm	Mtr	55	504.00	27720.00
	6 x 2.5 sq.mm	Mtr	55	382.50	21037.50
	4 x 2.5 sq.mm	Mtr	55	238.50	13117.50
	2 x 2.5 sq.mm	Mtr	55	130.50	7177.50
5	Supply and fixing in position 1 m wide Insulation mat made of elastomeric polymers Material (Class -A) of 415V grade as per IS 15642-2006 . Thickness of insulation mat shall be not less than 2 mm to withstand 1.1 KV dielectric strength AS PER IS 15652 : 2006. It should be complete as per specifications & directions of Engineer-in-charge. It should be complete as per specifications & directions of Engineer-in-charge.	Mtr	10	738.90	7389.00
6	Supplying and installing following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with two numbers MS/GI Suspenders i/c base of suitable size MS/GI angle, bolts & nuts, painting suspenders, fastener etc as required.				
	150 mm width x 50mm depth x 1.6 mm thickness.	Mtr	110	517.93	56972.30


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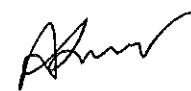
इंजीनियर (सिविल)
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	TOTAL OF SUBHEAD-V				645247.93
	TOTAL COST FOR FIRE FIGHTING SERVICES				93,20,192.17


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TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)					
SCHEDULE OF QUANTITIES FOR FIRE ALARM SYSTEM					
S.N.	DESCRIPTION OF ITEM	UNIT	QTY.	Rate (In Rs.)	AMOUNT
SUB HEAD-I: INTERNAL FIRE ALARM SYSTEM					
1	Supplying, installation, testing and commissioning of micro processor based intelligent addressable main fire alarm panel, central processing unit with the following loop modules and capable of supporting not less than 240 devices (including detectors) and minimum 120 detectors per loop and loop length up to 2 km, network communication card, minimum 320 character graphics/ LCD display with touch screen or other keypad and minimum 4000 events history log in the non volatile memory (EPROM), power supply unit (230± 5% V, 50 hz), 48 hrs back-up with 24 volt sealed maintenance free batteries with automatic charger. The panel shall have facility to connect printer to printout log and facility to have seamless integration with analog/digital voice evacuation system (which is part of the schedule of work under SH: PA System) and shall be complete with all accessories. The panel shall be compatible for IBMS system with open protocol BACnet/ Modbus over IP complete as per specifications.				
	Two Loop Panel.	Each	1	189067.10 ✓	189067.10 ✓
2	Supplying, installation, testing & commissioning of intelligent analog addressable photothermal detector complete with mounting base complete as required.	Each	150	2268.02 ✓	340203.00 ✓
3	Supplying, installation, testing & commissioning of response indicator on surface/recessed MS Box having two LED, metallic cover complete with all connections etc as required.	Each	135	231.03 ✓	31189.05 ✓
4	Supplying, installation, testing & commissioning of addressable manual call point complete as required.	Each	20	3067.57 ✓	61351.30 ✓
5	Supplying, installation, testing & commissioning of intelligent addressable programmable sounder complete as required.	Each	20	2104.19 ✓	42083.70 ✓
6	Supplying, installation, testing & commissioning talk back slave station in surface/recess suitable for operation on simplex mode complete with P.T.T. knob & speaker/microphone enclosed in a M.S.(16 SWG)/ ABS box with break glass in front etc. complete as required.	Each	20	727.07 ✓	14541.30 ✓
7	Supplying, installation, testing & commissioning of fault isolator complete with base as required.	Each	65	2592.67 ✓	168523.55 ✓
8	Supplying, installation, testing & commissioning of fire fighter telephone handset complete as required.	Each	1	4542.08 ✓	4542.08 ✓
9	Supplying, installation, testing & commissioning of fire fighter phone jack complete as required.	Each	1	1275.20 ✓	1275.20 ✓
10	Supplying, installation, testing & commissioning of addressable fire control module complete as required.	Each	20	2382.78 ✓	47655.60 ✓
11	Supplying, installation, testing & commissioning of intelligent addressable thermal detector with rate of rise cum fixed temperature thermistor complete with base as required.	Each	30	2163.83 ✓	64914.90 ✓
12	Supplying & laying of 2x1.5 sqmm fire alarm armoured cable, 600/1000V rated with annealed copper conductor having XLPE insulation, steel wire armouring & FRLS/HFFR outer sheath complete as required.	Mtr	2772	144.96 ✓	401829.12 ✓
TOTAL OF SUBHEAD-I					13,67,175.90
SUB HEAD-II: PUBLIC ADDRESS (PA) SYSTEM					


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1	Supplying, installation, testing & commissioning of 6 zone, voice alarm controller with USB, MP4 player (including 6 zone button paging station) with seamless integration facility with main fire alarm panel for voice evacuation complete as required.	Each	1 ✓	99746.83 ✓	99746.83 ✓
2	Supplying, installation, testing & commissioning of 1.5/3/6W metal box ceiling/wall speakers complete as required	Each	30 ✓	1427.71 ✓	42831.15 ✓
3	Supplying, installation, testing & commissioning of digital audio amplifier 75 Watt , 25V rms operating at 240 Volt AC Supply complete as required.	Each	3 ✓	115037.84 ✓	345113.52 ✓
4	Supplying, installation, testing & commissioning of exit point directional sound speaker with voice and integral audio amplifier with selectable sound pulse patterns complete as required.	Each	20 ✓	8016.59 ✓	160331.80 ✓
5	Supplying and drawing of cable Fire Retardant PVC insulated copper conductor cable in the existing surface / recessed steel conduit of following pairs, cores and size including connections and interconnections etc. as required.				
	speaker cable Two pair, 2-core, 1.5 sqmm	Metre	180 ✓	73.24 ✓	13182.30 ✓
	speaker cable Three pair, 2-core, 1.5 sqmm	Metre	90 ✓	101.17 ✓	9105.30 ✓
	speaker cable Four pair, 2-core, 1.5 sqmm	Metre	15 ✓	129.11 ✓	1936.58 ✓
6	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
a)	20mm dia PVC conduit	Metre	180 ✓	114.01 ✓	20520.90 ✓
b)	25mm dia PVC conduit	Metre	90 ✓	126.84 ✓	11415.60 ✓
c)	32mm dia PVC conduit	Metre	15 ✓	157.80 ✓	2366.93 ✓
TOTAL OF SUBHEAD-II					7,06,550.90
TOTAL COST FOR FIRE ALARM & PUBLIC ADDRESS SERVICES					20,73,726.79


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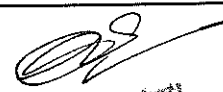

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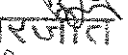

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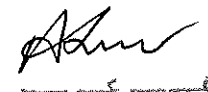
**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

BILL OF QUANTITY OF TUBEWELL

Sr. No.	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT (Rs.)
A	ESTIMATE FOR 400MM X200 MM DIA TUBE WELL DRILLED BY ROTARY RIG TO A DEPTH OF 150 METER BELOW GROUND LEVEL WITH 800 LPM SUBMERSABLE PUMP SET AND PIPE LINE WORK				
1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	All types of soil				
	400 mm dia	90	M	743.00	66870.08
2	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground				
	400 mm dia	60	M	928.75	55725.07
	Providing & lowering of assembly pipe including cutting & welding by providing a collar:				
3	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including painted with outside surface with two coats of anticorrosive paint of approved brand and manufacture, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.				
	200 mm nominal size dia having minimum wall thickness 5.40 mm	100	M	1831.82	183181.82


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4	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 plain slotted (having slot of size 1.6/3.2 mm) mild steel threaded and socketed/ plain bevel ended pipe (type A) of required dia, conforming to IS: 8110, of reputed and approved make, having wall thickness not less than 5.40 mm, including painted with outside surface with two coats of anticorrosive bitumestic paint of approved brand and manufacture, including hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer -in-charge	50 ✓	M	1928.03 ✓	96401.52
	200 mm nominal size dia				
5	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer in-	14.13 ✓	CUM	1518.17 ✓	21451.78 ✓
6	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of useable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, including disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer	30 ✓	HOURS	813.68 ✓	24410.37
7	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
	200 mm dia	2 ✓	NOS.	240.83 ✓	481.66
8	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.				
	200 mm clamp	2 ✓	NOS.	1720.01 ✓	3440.02
9	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I)				
	200 mm dia	1 ✓	NOS.	268.16 ✓	268.16
10	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.				
	50 mm dia nominal bore	100 ✓	M	571.54 ✓	57153.63 ✓


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11	Supplying and drawing following sizes of FRLS PVC insulated Aluminium cable conductor, single core cable in the existing surface/recessed steel/PVC conduit as				
	16 Sq.mm 4 core	25 ✓	M	343.00 ✓	8575.00
12	Development Of Tubewell by O.P. Unit	45 ✓	Hrs.	600.00 ✓	27000.00
13	Supply and installation of 800 LPM 7.5HP discharge submersable pump complete INCLUDING COST OF CONTROL PANEL, REQUIRED COPPER CABLE, STEEL WIRE ROPE	1 ✓	SET	63000.00 ✓	63000.00
14	Transportation of heavy rig machine 1 job	1 ✓	JOB	10000.00 ✓	10000.00
15	Water supply charge	1 ✓	JOB	10000.00 ✓	10000.00
16	WATER TESTING REPORT	1 ✓	JOB	5000.00 ✓	5000.00
17	HYDROGEOLOGICAL SURVEY, GEOPHYSICAL EXPLORATION FOR UNDERGROUND WATER	1 ✓	JOB	10000.00 ✓	10000.00
	COST OF 1 NOS			TOTAL	642959.11
	Cost of 1 Tubewell	1.0	JOB		642959.11 ✓
		Say Rs.	6.43 ✓	Lacs	


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TENDER BOQ FOR PROPOSED CONSTRUCTION OF					
FIRE STATION (3/4 UNITS) AT SORON KASGANJ					
DISTT.- KASGANJ (U.P.)					
(COST OF EXTERNAL SEWERAGE & EXTERNAL WATER SUPPLY WORKS)					
S.N.	DESCRIPTION	UNIT	QTY.	Rate (In Rs.)	Amount (In Rs.)
I	COST OF SEWERAGE WORKS				
1	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m.				
	up to 1.50 m depth				
	Pipes 80 mm to 300 mm diameter	metre	130	264.09	34331.20
3	Providing and laying Non pressure NP 2 class (light duty) RCC pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement : 2 fine sand) including testing of joints etc. complete.				
	150 mm. dia. RCC Pipes	metre	130	417.30	54248.47
4	Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand : 10 graded stone aggregate 40mm nominal size) upto the haunches of pipes including bed concrete as per standard design				
	150 mm. dia. RCC Pipes	metre	130	557.27	72445.03
5	Constructing brick masonry manhole in cement mortar 1:4 (1 cement :4 coarse sand) RCC top slab with 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design.				
	Inside size 90x80cms and 45cms deep including CI cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg).				
	With common burnt clay FPS (non modular) bricks of class designation 75				
	(i) For Sewer Line	each	11.00	9576.96	105346.53
6	Providing orange colour safety foot rests of minimum 6 mm thick plastic encapsulated as per IS:10910 on 12 mm dia steel bar conforming to IS:1786 having minimum cross section as 23 mm x 25 mm and over all minimum length 263 mm and width as 165 mm with minimum 112 mm space between protruded legs having 2 mm thread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.				
		each	11.00	415.23	4567.57

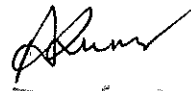
प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निर्माण इकाई - आ०

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निर्माण इकाई आगरा

	TOTAL COST OF SEWERAGE	I			270938.80
II	COST OF EXTERNAL WATER SUPPLY WORKS				
1	Providing & fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work)				
	80mm nominal bore.	Rm.	40 ✓	781.20 ✓	31247.88
	65mm nominal bore.	Rm.	50 ✓	672.38 ✓	33619.15
2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	80mm nominal bore.	Nos.	1 ✓	1953.22 ✓	1953.22
	65mm nominal bore.	Rm.	1 ✓	1306.48 ✓	1306.48
3	Providing and fixing gun metal non- return valve of approved quality (screwed end) : (horizontal)				
	80mm nominal bore.	Nos.	1 ✓	2748.29 ✓	2748.29
	65mm nominal bore.	Rm.	1 ✓	1835.85 ✓	1835.85
4	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , l/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	2.00 ✓	8145.99 ✓	16291.98
6	Supply, installation, testing & commissioning of Vertical in line pumping set complete. The rate shall include the cost of electrical panel and piping work complete				
	Domestic Water Supply pumps :				
	Capacity/Flow Rate - 18 m3/hr (Each Pump)				
	Head - 55 m	JOB			
	Location - 1 set in UGT (1 set = 2nos(1W+1S))	Each	1.00 ✓	400200.0 ✓	400200.00
	TOTAL COST OF EXTERNAL WATER SUPPLY WORKS	II			489202.85
		I+II		G.TOTAL	760141.65
				SAY IN LACS	7.60


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TENDER BOQ FOR PROPOSED CONSTRUCTION OF					
FIRE STATION (3/4 UNITS) AT SORON KASGANJ					
DISTT.- KASGANJ (U.P.)					
(COST OF SEPTIC TANK AND SOAK PIT WORKS)					
S.N.	DESCRIPTION	UNIT	QTY.	Rate (In Rs.)	DSR AMOUNT
1	SEPTIC TANK & SOAK PIT				
	Size :- Length = 7.50 M. Width = 2.65M Total Depth = 3.00M				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-incharge.				
	In all kind of soil upto 1.5m depth	Cum	47.38 ✓	195.21 ✓	9248.17
	In all kind of soil upto 1.5m to 3.0m. depth	Cum	45.09 ✓	290.30 ✓	13089.19
	In all kind of soil upto 3.0m to 4.5m. depth	Cum	12.02 ✓	385.39 ✓	4633.80
2	Providing and laying of cement concrete in base excluding the cost of centring and shuttering by 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	Cum	4.68 ✓	5108.49 ✓	23932.61
3	Brick work with brick of class designation 150 in foundation and plinth in cement mortar (1 cement : 4 coarse sand)	Cum	19.51 ✓	5527.44 ✓	107861.02
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	3.98 ✓	6783.64 ✓	26980.42
4,a	Centering & Shuttering for Suspended floors, roofs, landings, balconies and access platform.	Sqm.	26.52 ✓	695.37 ✓	18437.83
5	P/F Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	QTL.	3.12 ✓	8087.94 ✓	25234.38
6	12mm cement plaster on rough side of mix 1:3 (1 cement : 3 coarse sand)	Sqm	82.60 ✓	329.40 ✓	27208.00
7	Providing M.S. foot rest including fixing with 20x20x10 cm. cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded aggregate of nominal size 20mm) as per standard design with 20x20mm sq bars.	Nos.	12 ✓	408.48 ✓	4901.81
8	Providing and fixing C.I. tee at the inlet and outlet of septic tank.	Nos.	2 ✓	465.70 ✓	931.41
9	Providing & fixing 75mm dia vent pipes.	Rm.	1 ✓	783.48 ✓	783.48
10	Providing & fixing of 75mm dia cast iron terminal guard.	No.	1 ✓	255.50 ✓	255.50
11	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	2 ✓	879.36 ✓	1758.72
	M.D. -2.5- Circular shape 450mm internal diameter	No.	4 ✓	877.15 ✓	3508.60

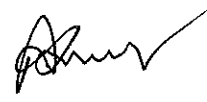
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उ०प्र० पुलिस आवास निगम

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12	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8m long complete as per standard design.				
	With F.P.S. bricks	No.	2 ✓	20144.42 ✓	40288.83
	TOTAL COST OF SEPTIC TANK IN RS				309053.78
	SAY IN LACS				3.09



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EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.

SUMMARY OF COST EXTERNAL ELECTRICAL WORKS			
S NO	ITEMS	UNIT	AMOUNT
1	SUBHEAD-I : HT PANEL EQUIPMENTS	RS.	1080000.00
2	SUBHEAD - II :HT CABLES	RS.	132952.36
3	SUBHEAD- III: M.V. PANELS	RS.	76500.00
4	SUBHEAD: - IV - EARTHING	RS.	251889.14
5	SUB-HEAD -V : L.T. CABLES	RS.	243037.51
6	SUBHEAD - VI :Miscellaneous	RS.	126243.50
7	SUBHEAD - VII: EXTERNAL LIGHTING	RS.	253602.98
	TOTAL		21,64,225.48
	SAY IN LACS		21.64


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**SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR
EXTERNAL ELECTRICAL PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.**

S.NO.	DESCRIPTION OF ITEM	Total QTY.	UNIT	RATE	AMOUNT
	SUBHEAD-I : HT PANEL EQUIPMENTS				
1	HT PANEL				
	H.T. VCB (11KV) (LOCATED IN METER ROOM)				
	Design, manufacturing, testing at works, supply of HT Panel as per specification and comprising of the following :-				
	Supplying, installation, testing & commissioning of indoor type floor mounted metal clad, 11 KV VCB panel with 1 No. VCB, totally enclosed & fully interlocked, horizontal drawout ,horizontal isolation type breaker as per IS 13118, as ammended upto date and additional specifications, having capacities as mentioned below, single break, trip free mechanism, manually charged and manually closing breaker suitable for use on 11 KV , 3 Phase, 50 Hz A.C. supply with short circuit fault level of 350 MVA, complete with self contained ,fully interlocked ,rack in and rack out mechanism, air insulated but encapsulated copper bus bars of 1000 Amps capacity, breaker featured with mechanical ON/OFF indicator with hand trip device, spring release coil, shunt trip coil and auxiliary switch of 3 NO + 3 NC and equipped with following switch gears and accessories i/c connections suitable for 3 x 300 sqmm XLPE cable (cable entry from bottom), end termination with heat shrinkable jointing material etc. as required				
A	a) Incoming - 1 No. 630A VCB b) 1 No.- 11 KV /110 volts PT class 0.5 accuracy and 200 VA burden with 1 No. Voltmeter (0 - 15 KV) , digital type , selector switch for voltmeter and protection fuses/MCB for HT metering upto 12 KV on incomer. c) 1 No.- (0 - 80 A) dual scale Ammeter, digital type ,selector switches for ammeters . d) 1 No.- Microprocessor based numerical relay with O/L, E/F and S/C protection e) 1 No.- set of dual core dual ratio 3 CTs of 80/5/Amps of 15 VA burden and accuracy Class 0.5 for metering and class 5 P 10 for protection.				
B	Outgoing panel:- a) Out going: 2 No. 630A VCB				

[Signature]

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b)2 No.- (0 - 40 A) dual scale Ammeter, digital type ,selector switches for ammeters .									
c) 2 No.- Microprocessor based numerical relay with O/L, E/F and S/C protection									
d) 2 No.- set of dual core dual ratio 3 CTs of 40/5 Amps of 15 VA burden and accuracy Class 1.0 for metering and class 5 P 10 for protection.	1-	Set			1080000.00 -			1080000.00 -	
TOTAL RS.								10,80,000.00	
SUBHEAD - II : HT CABLES									
2									
Supply of 3 core stranded aluminium conductor 11KV grade XLPE (E) (Cross linked Polyethylene) insulated PVC bedded, Galvanised flat steel strip armoured cable confirming to IS : 7098 (part II with latest amendments).									
70 sq. mm 3 core	50 -	Metre			1562 -			78387.30 -	
3									
Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.									
Upto 120 sq. mm	50 -	Metre			474.14 -			23801.83 -	
4									
Supply and making indoor cable end jointing with cast resin compound, including lugs and other jointing materials, for 3 core 70Sq.mm. XLPE aluminium conductor cable of 11 kV grade as required.	4 -	Each			1800.68 -			7202.70 -	
5									
Supply and making outdoor cable end jointing with cast resin compound, including lugs and other jointing materials, for 3 core 70 Sq.mm. XLPE aluminium conductor cable of 11 kV grade as required.	6 -	Each			3926.76 -			23560.53 -	
TOTAL RS.								1,32,952.36	
SUBHEAD- III: M.V. PANELS									

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अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
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6	Supply & Erection of factory fabricated & wired metal clad dust and vermin proof mounting, M.S Channel Base with botom and top cable entreis Electrical control panel with TPN ACB (65KA, 4 Pole Elect draw out Micor Processer Release IPR2) and TPN MCCB's (four Pole 36 KA with thermal magnatic release) switches and instrument chamber etc. complete in all respect. The instrument chamber shall be separate and shall comprise of flush type/digital ammeter Voltmeter, Selector switches for ammeter and Voltmeter, instrument fuses current transformer etc. The Board shall have suitable capacity electrolytic aluminium busbars as per IS8623 insulated with heat shrink sleeving and mounted on non hygroscopic supports such as CMC/DMC support with deteachable side covers and shall be suitable for extension on the sides. The switches enty boxes shall be complete with suitable cable end boxes reverse. The job includes the grouting of the board as per directions of Engineer-in-charge. All out goings of 100 Amp. and above will be provided with Amp. Metre, curent transformer and selector switches etc. and insurment fuse The switch board shall be fabricated with CRCA sheet with a minimum thickness of 1.6mm/2mm. Cubical type switch board shall be of cat A & B only.					
vi	SFP (OUTDOOR TYPE) IP 65					
	Incoming :					
	One (1) No 40 Amp. 4P MCCB of 25KA Breaking capacity					
	Metering :					
	One (1) No. Sets Multifunction Meter each incoming					
	One (1) No. of Phase Indication Lamp each incoming					
	Bus Bar :					
	One (1) No. 60 Amp. TPN aluminium bus bar of suitable length.					
	Outgoing :					
	Phase indication lamps on each outgoing to be provided.					
	10 No. 16 Amp DP. MCB. (10 KA)					
	2 No. SPACE & SPARE					
	Panel described as above	1	Nos.	76,500.00	76500.00	
	TOTAL				76,500.00	
	SUBHEAD: - IV - EARTHING					
7	Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required. Details of cost for one each	2	Each	237.83	475.65	

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8	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required	4	Nos.	5781.79/-	23127.16 -
9	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but with charcoal or coke and salt) as required.	10	Set	6305.01/-	63050.05 -
10	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	4	Set	11328.02 -	45312.08 -
11	Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt & spring washer spaced at 50mm)	20	Meter	773.12/-	15462.40 -
12	Supplying and laying 25 mm X 5 mm G.I. strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	100	Meter	120.80 -	12080.00 -
13	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	140	Metre	236.32 -	33084.10 -
14	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.	40	Meter	940.73 -	37629.20 -
15	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	100	Meter	216.69 -	21668.50 -
	TOTAL				2,51,889.14
	SUB-HEAD - V : L.T. CABLES				
16	Laying of one number PVC insulated and PVC sheathed / XLPE power Cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.				


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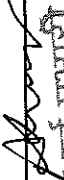
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	Up to 35 sq. mm.		420	Meter	342.02	143646.30
17	Supply of following size of 1.1KV grade multicore aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS 7098:1988 with up to date amendment 4 x 10 sq. mm 2 x 6 sq. mm.		150 270	Metre Metre	276.30 198.00	41,445.00 53,460.00
18	Supplying and making cable end terminations with brass compression gland and aluminium lugs for following size of PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade, complete as required 2 X 6 sq. mm (19mm) 4 X 10 sq. mm (19mm)		18 2	Each Each	221.97 245.38	3995.46 490.75
	TOTAL					2,43,037.51
	SUBHEAD - VI : Miscellaneous					
19	Providing and fixing HT danger notice plate 250 mm x 200 mm made of mild steel at least 2mm thick & vitreous enamelled white on both sides and with inscription in signal red colour on front side as required.		1	Each	256.70	256.70
20	Supplying and Fixing of Fire buckets, round bottom made of G.I. Sheet 9-11 litres capacity duly painted as per fire brigade design, supported on hanging bracket chained and locked, initially filled with fine river sand, water as per directions of Engineer-in-charge.		4	Sets	1350	5400.00
21	Supplying and Laying of Rubber mat 1000 mm. Wide to withstand 11 KV dielectric strength as per latest IS 15652-2006 etc. as reqd.		2	Nos.	2700	5400.00
22	Supply and fixing of fire extinguishers, ABC Type 9.00 kg. capacity (ISI Marked IS : 15683 & TAC approved) complete with initial charges and wall bracket, along with supply of all materials and labour for proper completion of work.		2	Each	11700	23400.00
23	Supply and fixing of CO2 type fire extinguishers, 4.50 kg. capacity (ISI Marked IS : 2878 & TAC approved) complete with initial charges and wall bracket, along with supply of all materials and labour for proper completion of work.		2	Each	8100	16200.00


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24	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	4	Each	18897/-	75586.80 -
	TOTAL RS.				1,26,243.50
	SUBHEAD - VII: EXTERNAL LIGHTING				
25	Supplying, installation & testing of 7.0 m high octagonal GI pole with single arm as per approved sample made from 3 mm sheet steel (Grade S 355 JO) with top diameter as 75mm and bottom dia as 150mm and base plate of 240x240x16 mm with suitable slot shaped holes for mounting the same on a shallow foundation, GI weather proof junction box with 16A SP MCB, loop-in-loop out terminals for 2nos. 2Cx6 sq.mm YWY cables and 2x2.5 sq.mm copper conductor from junction box to fitting and connected	9	Nos.	19,800.00/-	1,78,200.00
26	Supply and fixing of LED Street light Fitting with mandatory driver set having die cast aluminium body and lenses suitable for 45Watt. to 50 Watt and Confirming to IP66 protection having Company LOGO Engraved complete in all respect with 4000-5000 system lumens High Power LED with lenses, >110lm/W, PF>0.95, THD <10% at full load, CRI>70, Avg Life Class 50000Hrs@L70,fitting itself suitable for 60-65mm OD pipe	9	Nos.	1175.54/-	10579.82 -
27	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Double pole	9	Nos.	525.48/-	4729.32/-
28	Supply and fixing of LED Gate light fitting having die cast aluminium body and diffuser with driver set suitable for 6 watt to 10 watt. Confirming to IP 54 and above protection complete in all respect.	2	Nos.	1,172.70/-	2,345.40

प्रकाश बाजपेयी
अवर कमिश्नर (सिविल)
30 प्रो पुलिस आवास निगम

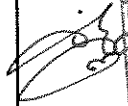
अमरजीत चौहान
प्रमोरी सहायक अभियन्ता
30प्रो पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई आगरा

	Supplying, installation, testing and commissioning of Astronomical time switch of following configuration to be mounted in feeder pillars / Lighting DBs for automatic switching On & OFF of street lights at sun set & sun rise or twilight (Auto ON, Auto OFF, Auto modes) with manual override facility with 12/24 hour display format with suitable battery and indication for relay status i/c programming at site complete as required.						
29	1 output per phase and suitable for single phase supply	3	Set	3528.12	10584.35		
30	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required. Above 6.5 metre and upto 8.0 metre	9	each	4579.83	41218.47		
31	Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required 32 mm dia	15	Mtr	396.38	5945.63		
	TOTAL				2,53,602.98		



प्रकाश राजपुरोहित
अवर अभियन्ता (सिविल),
उ० प्र० पुलिस आवास निगम,
निर्माण ड्रकाई - आगरा



अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम,
निर्माण ड्रकाई आगरा



ड्रकाई प्रमोदी
उ० प्र० पुलिस आवास निगम लि.
निर्माण ड्रकाई आगरा

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

**BILL OF QUANTITY OF PROPOSED UNDER GROUND WATER STORAGE WITH PUMP ROOM
225 KL FOR FIRE & DOMESTIC TANK
ABSTRACT OF COST**

S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	1577.05	CUM	195.20	307838.05
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) and curing complete, including cost of form- work, in foundation and floors.	18.032	CUM	5108.32	92114.74
3	R.C.C. work with cement approved coarse sand and 20 mm. guage approved stone grit in the proportion of in lintels of doors and windows excluding supply of reinforcement and its fixing and binding the same with 24 BWG binding wire and including necessary centering and shuttering etc. and also including supply of all materials, labour and tools and plants etc, required for proper completion of the works. strength of the concrete shall not be less than M-30.				
	As above but for slabs	14.748	CUM	7240.81	106790.35
4	As in item 3 but for the lighter beams i.e. having spans upto 6 m.	5.774	CUM	7240.81	41804.81
5	As in item 3 above but in R.C.C. Raft foundation and footing with approved stone ballast.	72.129	CUM	7240.81	522273.79
6	As in item 3 above but in Column with approved stone ballast.	96.453	CUM	7240.81	698399.69
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand	8.396	CUM	6828.55	57329.62
8	Thermo-Mechanically Treated bars of grade Fe-500D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level. Fe 500	130.528	QTL	8087.67	1055669.84
9	15 mm cement plaster on rough side of single or half brick wall of mix:1:6 (1 cement: 6 coarse sand)	28.725	SQM	296.47	8516.19
10	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	84.913	SQM	257.70	21882.24
11	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	155.20	RM	58.79	9124.31

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

सिद्ध प्रकाश चौहान
प्रभारी अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

12	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	131.570 ✓	SQM	792.01 ✓	104203.95
13	Mild steel or iron work of small sizes and sections such as holding down bolts, hold fast tierods, gratings etc. (when not included in an over all rates) wrought to required from including supply of steel and its wastage including cost of bolts, nuts if required for and welding, grinding and making holes as required completion of work fabrication of holes doors, chaukhats nosing.				
(a)	Fabrication of hold fast for door chaukhats and windows.	3.60 ✓	KG	100.26	360.94
(b)	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	16.20 ✓	KG	97.86 ✓	1585.36
14	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters : 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.				
(a)	35mm thick	2.520 ✓	SQM	2511.15 ✓	6328.10
15	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm	51.422 ✓	SQM	87.66 ✓	4507.79
16	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	232.540 ✓	SQM	139.22 ✓	32373.97
17	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete. (a) 250mm x 16mm	1.000 ✓	NOS	162.39 ✓	162.39
18	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete				
(a)	250 mm x 10mm		NOS	62.92 ✓	62.92

19	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete. 125mm	2.000 ✓	NOS	29.96 ✓	59.92
20	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size)	0.009 ✓	CUM	5834.45 ✓	52.51
21	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.	1.512 ✓	SQM	128.01 ✓	193.55
22	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture.	5.040 ✓	SQM	132.17 ✓	666.14
23	Making drain along apron (150x150mm) (P-20)	53.420 ✓	RM	615.44 ✓	32876.62
24	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick	221.882 ✓	RM	68.80 ✓	15266.19
25	Providing and laying water proofing treatment in underground structure by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry	536.503 ✓	SQM	462.73 ✓	248253.55
26	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Suspended floors, roofs, landings, balconies and access platform.	94.775 ✓	Sqm	695.34 ✓	65901.30
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	48.113 ✓	Sqm	552.23 ✓	26568.99
(c)	Foundations, footings, bases of columns, etc. for mass concrete	21.528 ✓	SQM	294.07 ✓	6330.81
(d)	Columns, Pillars, Piers, Abutments, Posts and Struts	551.162 ✓	Sqm	720.88 ✓	397320.68
				TOTAL	3864819.32
				G. TOTAL	3864819.32
				Say Rs.	38.65
					Lacs.

अमर प्रकाश बाजपेयी

अवर अभियन्ता (सिविल),
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

BILL OF QUANTITY OF PROPOSED PUMP ROOM

S.N.	DESCRIPTION OF ITEM	QTL	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	12.39	CUM	195.20	2419.41
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	5.06	CUM	370.00	1870.95
3	Sand filling in plinth under floors including watering, ramming, consolidating and dressing complete including lead up to 50m and lift upto 1.5m and including cost of sand.	1.35	CUM	1592.60	2150.01
4	Providing and laying cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) including supply of all materials, labour T & P rtc required for proper completion of the work and curing complete also including cost of formwork in foundation & floors.	2.69	CUM	5108.32	13759.23
5	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement:2 coarse sand) to match the existing floor.				
	With Chlorpyriphos/ Linadane E.C. 20% with 1% concentration.	11.97	SQM	232.51	2783.47
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded Stone aggregate 20 mm nominal size derived from natural sources. [R.C.C. WORK IN TIE BEAM]	0.82	CUM	6783.41	5543.33

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश बाजपेयी
अभियन्ता (निविद)

उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

7	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	1.64	CUM	8627.97	14138.23
8	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	10.40	CUM	5348.47	55640.53
9	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)	6.95	CUM	6828.55	47470.39
10	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand)	0.46	CUM	7007.33	3244.32
11	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	2.97	SQM	308.10	915.54
12	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	2.97	SQM	109.60	325.68
13	Mild steel or iron work of small sizes and sections such as holding down bolts, hold fast tierods, gratings etc. (when not included in an over all rates) wrought to required from including supply of steel and its wastage including cost of bolts, nuts if required for and welding, grinding and making holes as required completion of work fabrication of holes doors, chaukhats nosing.				

(सिद्ध प्रकाश बाजपेयी)

अवर अभियन्ता (सिविल)

उ० प्र० पुलिस आवास निगम

निर्माण ड्राई - आ

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण ड्राई आगरा

(a)	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete (Hold fast)	6.00	KG	129.43	776.60
(b)	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. [M.S.GRILL]	36.00	KG	146.38	5269.70
(c)	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. [Z-SECTION]	36.00	KG	146.38	5269.70
(d)	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.. [angle 40x40x5]	15.30	KG	146.38	2239.62
14	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	1.89	SQM	1794.25	3391.13
15	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : 250x16 mm	2.00	NOS	145.26	290.51
16	Providing and fixing ISI marked oxidised M.S. tower bolt black finish (Barrel type) with necessary screws etc. complete :	2.00	NOS	62.92	125.83
(a)	250 mm x 10mm				

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


17	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 125 mm	2.00	NOS	29.96	59.92
18	Thermo-Mechanically Treated bars of grade Fe-500D such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level. Fe 500	2.25	QTL	8087.67	18185.79
19	12 mm cement plaster on rough side of single or half brick wall of mix : 1:3 (1 cement: 3 coarse sand) plinth plaster.	10.10	SQM	337.12	3406.24
20	15 mm cement plaster on rough side of single or half brick wall of mix:1:6 (1 cement: 6 coarse sand)	29.61	SQM	296.47	8778.56
21	12 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand)	49.73	SQM	257.70	12815.91
22	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete (40 mm thick with 20 mm nominal size stone aggregate.)	9.00	SQM	460.59	4145.30
23	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete (40 mm thick with 20 mm nominal size stone aggregate.)	9.74	SQM	460.59	4487.98
24	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.18 mm thick	3.84	SQM	496.47	1906.45
25	Supply & fixing of glass strips for flooring 35mm wide - 3.00 mm thick.	40.50	RM	68.80	2786.53
26	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coats applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.	4.78	SQM	128.01	605.99


प्रकाश बजपती
अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

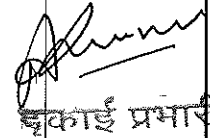
27	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture.	3.78	SQM	132.17	499.60
28	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour :New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre (Inner Surface).	40.03	SQM	139.22	5573.21
29	Finishing walls with Acrylic smooth exterior paint of required shade: - New work (Two or more coat applied @ 1.67 Ltr./10 Sqm over and including base coat of water proofing cement paint applied @ 2.20 kg/10 Sqm.	49.73	SQM	120.43	5989.34


विनोद प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल)
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा

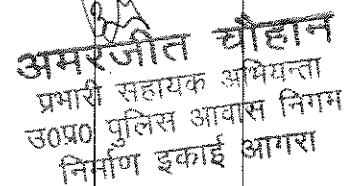

अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा

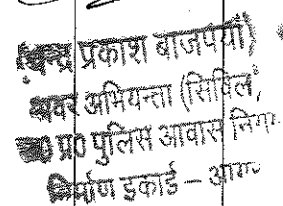

इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with : 4.0 mm thick glass panes	1.80	SQM	798.38	1437.09
31	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following				
	(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before				
	(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
	(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
	(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.				
	(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	9.00	SQM	1263.28	11369.53



इकाई प्रभारी


उ० प्र० पुलिस आवास निगम लि.
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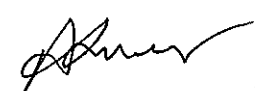

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32	Centering and shuttering including strutting, propping etc. and removal of form for all heights :				
(a)	Lintels, beams, plinth beams, girders, bressumers and cantilevers. with water proof ply 12 mm thick	13.05	SQM	631.38	8238.98
(b)	Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12 mm thick.	13.39	SQM	771.20	10329.11
				TOTAL	268239.70
		Say Rs.		2.68	Lacs.


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**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT. - KASGANJ (U.P.)**

**ANALYSIS OF RATES FOR P/L OF C.C. INTERLOCKING ✓
[ANALYSIS FOR 4.0 MT. WIDE AND 10.0 RM LENGTH = 40.00 SQM]**

S.NO	DESCRIPTION OF ITEM	NO.	L	B	H	QTY	UNIT	RATE	AMOUNT
1	Earth work in excavation in trenches for foundations and for pipes cables etc. in ordinary soil (foam clay or sand) including lift upto 1.5 m and dressing of sides and ramming of bottom sand disposal of surplus excavated earth as directed by the Engineer i/c with in a lead of 50m.	2	10.000	0.380	0.200	1.520	CUM	195.20	296.70
2	Providing and laying in cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) and curing complete, including cost of form- work, in foundation and floors.	2	10.000	0.380	0.100	0.760	CUM	5108.32	3882.32
3	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.								
	With material conforming to Grade-III (size range 26.5 mm to 0.075 mm) having CBR Value-20	1	10.000	3.540	0.150	5.310	CUM	2106.13	11183.56
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)								
		8	10.000	0.230	0.320	1.472			
		0	10.000	0.345	0.150	0.000			
					TOTAL	1.472	CUM	5527.25	8136.11

अमरजीत चौहान

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5	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	1	10.000	3.540	35.400	SQM	818.52	28975.46
							G. TOTAL	52474.16
						COST PER SQM		1311.85

चन्द्र प्रकाश बाजपेयी
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TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)					
ANALYSIS OF RATE FOR OPEN SURFACE DRAIN FOR 10.00 RM (DRAIN SIZE 300X450mm)					
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	4.778 ✓	CUM	195.20 ✓	932.56
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone ballast 40 mm nominal size) and curing complete,including cost of form- work, in foundation and floors.	0.683 ✓	CUM	5108.32 ✓	3486.43
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2.070 ✓	CUM	5527.25 ✓	11441.41
4	12 mm cement plaster on rough side of single or half brick wall of mix : 1:4 (1 cement: 4 coarse sand) with neat cement finish. ✓	13.600 ✓	SQM	267.98 ✓	3644.48
5	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 25 mm thick with 20 mm nominal size stone aggregate	3.000 ✓	SQM	287.87 ✓	863.60
				TOTAL	20368.49 ✓
			COST PER RM		2036.85 ✓

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अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)

ANALYSIS RATE FOR 4.5 Mt. WIDE P.C.C. ROAD WITH BRICK EDGING
(for 2.0 M LENGTH)

S.N.	DESCRIPTION OF ITEM	NO	L	B	H	QTY	UNIT	RATE	AMOUNT
1	Earth work in excavation in trenches for foundations and for pipes cables etc. in ordinary soil(loan clay or sand) including lift upto 1.5 m and dressing of sides and ramming of bottom sand disposal of surplus excavated earth as directed by the Engineer i/c with in alead of 50m.	2	2.00	0.38	0.230	0.35			
					TOTAL	0.35 ✓	CUM	195.20 ✓	68.24 ✓
2	Providing and laying in 1:4:8 (1 cement : 4 coarse sand (zone-iii) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	2	2.00	0.38	0.075	0.11			
		1	4.04	2.00	0.15	1.21			
					TOTAL	1.33 ✓	CUM	5108.32 ✓	6773.63 ✓
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	2	2.00	0.23	0.45	0.41			
					TOTAL	0.41 ✓	CUM	5527.25 ✓	2288.28 ✓
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-iii) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	1	4.04	2.00	0.150	1.21 ✓	CUM	5908.09 ✓	7160.60 ✓
5	Providing and laying in position bitumen hot sealing compound for expansion joints etc. Using grade 'A' sealing compound.	1	4.50			4.50 ✓	RM	6.49 ✓	29.19 ✓
							TOTAL		16319.95 ✓
								HENCE COST OF 1.00 SQM. P.C.C. ROAD SAY RS.	1813.33 ✓

बन्धु प्रकाश बाजपेयी
बन्धु अभियन्ता (सिविल)
कड प्र० पुलिस आवास निगम

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**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

(COST OF EXTERNAL RAIN WATER HARVESTING WORKS)

S.N.	DESCRIPTION	UNIT	QTY.	Rate (In Rs.)	AMOUNT
I	RAIN WATER HARVESTING				
	RECHARGE PITS				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width aswell as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-in-charge.				
(A)	In all kind of soil upto 1.5m depth	Cum	22.59 ✓	195.21 ✓	4409.69
(B)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	22.59 ✓	290.30 ✓	6557.79
(C)	In all kind of soil upto 3.0m to 4.5m. depth	Cum	22.59 ✓	385.39 ✓	8705.88
(D)	In all kind of soil upto 4.5 m to 6.0m. depth	Cum	10.54 ✓	480.48	5064.23
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded Stone aggregate 40 mm nominal size) and curing complete,including cost of form-work,in foundation and floors.	Cum	1.20 ✓	5108.49 ✓	6130.19
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	24.14 ✓	5527.44 ✓	133432.32
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	1.61 ✓	6783.64 ✓	10921.65
4,a	Centering & Shuttering of Suspended floors, roofs, landings, balconies and access platform.	Sqm.	10.75 ✓	695.37 ✓	7472.43
5	Providing & Fixing Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	qtl.	1.90 ✓	8087.94 ✓	15367.09
6	12mm cement plaster on rough side of single or half brick wall mix 1:3 (1 cement : 3 Coarse sand)	Sqm	46.16 ✓	329.40	15205.32
7	Providing M.S. foot rests including fixing in manoholes with 20x20x10 cm cement concrete blocks 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) as per standard design:				
	With 20x20mm square bar	Nos	10.00 ✓	408.48 ✓	4084.84

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8	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	1.00 ✓	879.36 ✓	879.36
9	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
	Drilling of 300mm dia bore hole manually.	M	15.00 ✓	619.21 ✓	9288.20
10	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
	150 mm nominal size dia	M	15.00 ✓	605.53 ✓	9082.91
11	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	12.13 ✓	1132.24 ✓	13734.04
12	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in the recharge pit, over the existing layer of boulders, in required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.	cum	13.11 ✓	1153.57 ✓	15123.34
13	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -incharge.	cum	13.11 ✓	1153.57 ✓	15123.34
14	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	Cum	1.00 ✓	1518.22 ✓	1518.22
	DESILTING CHAMBER				
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50m and lift upto 1.5 m, as directed by Engineer-incharge.				
(a)	In all kind of soil upto 1.5m depth	Cum	10.05 ✓	195.21 ✓	1961.82
(b)	In all kind of soil upto 1.5m to 3.0m. depth	Cum	4.06 ✓	290.30 ✓	1178.60
2	Providing and laying in cement concrete 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40 mm nominal size) and curing complete including cost of form-work, in foundation and floors.	Cum	1.04 ✓	5108.49 ✓	5312.83


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3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	3.52 ✓	5527.44 ✓	19456.58
4	Reinforcement cement concrete work in RCC culvert slab with 1:1.5:3 (1 cement : 1.5 coarse sand and 3 graded stone aggregate of 20 mm nominal size) excluding centering and shuttering and reinforcement.	Cum	1.38 ✓	6783.64 ✓	9361.42
4,a	Centering & Shuttering of Suspended floors, roofs, landings, balconies and access platform.	Sqm.	7.27 ✓	695.37 ✓	5055.33
5	Providing & Fixing Mild steel or iron in plain work such as reinforced concrete or reinforced, brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage bend hooks and authorised over lapping shall be measured upto floor two level.	QTL	1.63 ✓	8087.94 ✓	13183.35
6	12mm cement plaster on rough side of single or half brick wall mix 1:3 (1 cement : 3 Coarse sand)	Sqm	17.60	329.40	5797.52
7	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) as per standard design:				
	With 20x20mm square bar	Nos.	12.00 ✓	408.48 ✓	4901.81
8	Providing and fixing in position precast RCC manhole cover and frame of required shape and approved quality.				
	M.D. -10- Circular shape 500mm internal diameter	No.	2.00	879.36	1758.72
	TOTAL COST OF RECHARGE PITS & DISTLING CHAMBER (I)				350068.81 ✓
II	DRAINAGE NETWORK				
1	Excavating trenches by mechanical / manual means of required width for pipes cables etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth including getting out the excavated soil , and then returning the soil as required , in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed , within a lead of 50 m.				
	up to 1.50 m depth				
	Pipes 80 mm to 300 mm diameter	metre	90 ✓	264.09	23767.76
2	Providing and laying Non pressure NP 2 class (light duty) RCC pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement : 2 fine sand) including testing of joints etc. complete.				
	150 mm. dia. RCC Pipes	metre	90 ✓	417.30	37556.63

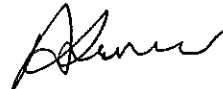
प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
वि० प्र० अमरजीत चौहान

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3	Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand : 10 graded stone aggregate 40mm nominal size) upto the haunches of pipes including bed concrete as per standard design				
	150 mm. dia.	metre	90	557.27	50154.25
4	Constructing brick masonry INSPECTION chamber 60x60x75 cm with bricks of class designation 50 in cement mortar 1:4 (1 cement : 4 coarse sand) including CI cover with frame LIGHT WEIGHT complete as per design. With FPS bricks (P-83)	Nos.	8.00	6457.00	51656.00
5	Supply, installing, testing and commissioning of non clog submersible type drainage / dewatering pumpset				
	Product Type: SUBMERSIBLE DRAINAGE PUMP Product Configuration Pump Classification: Standard Pump Component Materials Volute Material: Cast Iron FG 260 Impeller Material: Cast Iron FG 260 Shaft Material: S.S AISI 410 Seal Material: Carbon/Ceramic/NBR/S.S 304 Motor Specifications Phase: 3 Voltage: 380-415V Cable Length: Standard - 5 metres Cable Length: Additional - 0 metres: 0 Pipework Connection Float Switch: With Float Switch Solids Diameter Limit Maximum Solids Diameter: 10 mm Flow Rate = 205 LPM Each Pump Head = 9m Each Pump Set Detail = 1W+1S (FOR UGT)	Nos.	1.00	55590.00	55590.00
	TOTAL COST OF DRAINAGE WORKS (II)				218724.64
	GRAND TOTAL (I+II)				568793.44
	SAY IN LACS				5.69



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Analysis of Rate for Man Hole 600X600

Constructing brick masonry INSPECTION chamber 60x60x60 cm with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 coarse sand) including CI cover with frame LIGHT WEIGHT complete as per design. With FPS bricks.					
S.N.	DESCRIPTION OF ITEM	QTY	UNIT	RATES	AMOUNT
1-	Earth in excavation	1.003	Cum	195.20	195.87
2-	Cement concrete in 1:5:10	0.208	Cum	4888.30	1016.83
3-	Cement concrete in 1:2:4	0.01	Cum	5908.09	53.17
4-	Plaster 12mm in 1:4	1.88	Sqm	260.25	489.17
5-	Brick work in 1:6	0.419	Cum	5348.47	2239.66
6-	RCC in slab in 1:1.5:3	0.100	Cum	8627.97	862.80
7-	Steel reinforcement	5.495	kg	80.88	444.42
8-	C.I. Rectangular cover 455*610mm with frame(low duty)	1	NOS	1154.85	1154.85
				Total	6456.77
				Say	6457.00


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BOQ OF BOUNDARY WALL

TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)					
BILL OF QUANTITY FOR 24.325 RM. 2.4 MTR. HEIGHT PROPOSED BOUNDARY WALL					
S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches.	16.23 ✓	CUM	195.20 ✓	3168.08
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	2.272 ✓	CUM	5108.32 ✓	11606.10
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level				
a	R.C.C. work in lighter Tie beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	1.944 ✓	CUM	6783.41 ✓	13186.95
b	R.C.C. work in R.C.C. Raft foundation and footing with approved stone ballast.(Using 1:1.5:3 Mix concrete)	3.036 ✓	CUM	6783.41 ✓	20594.43
c	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	1.134 ✓	CUM	6783.41 ✓	7692.38
4	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work above the plinth				
a	R.C.C. work in lighter Tie beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	0.745 ✓	CUM	8627.97 ✓	6429.57
b	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	1.944 ✓	CUM	8627.97 ✓	16772.78
5	Thermo-Mechanically Treated bars of grade Fe-500D or more work such as in reinforced concreted or reinforced brick work (when not included in overall rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage	10.79 ✓	QTL.	8087.67 ✓	87248.05

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


अमर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
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6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	2.981	CUM	5348.47	15942.73
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :Cement mortar 1:4 (1 cement : 4 coarse sand)	3.353	CUM	7007.33	23498.37
8	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	4.968	SQM	308.10	1530.62
9	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with apiece of cloth lightly soaked in kerosene oil.	4.968	SQM	109.60	544.48
8	12mm cement plaster in single coat on fair side of single or half brick wall for exterior plastering up to floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80mm in girth and finished even and smooth no extra for mixing any additive. (1)1 cement : 6 coarse sand , F.M. 2.25	49.380	SQM	257.70	12725.32
9	15 mm cement plaster in single coat on rough side of single or half brick wall for exterior plastering up to floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80 mm in girth and finished even and smooth no extra for mixing any additive. (1)1 cement : 6 coarse sand , F.M. 2.25.	43.785	SQM	296.47	12981.07
10	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	99.645	SQM	87.66	8735.19
11	Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	50.400	RM	58.79	2963.12
12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc.In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete (M.S. Grill work)	199.066	KG	92.69	18450.92


प्रकाश बाजपेयी
अभियन्ता (सिविल)
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अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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13	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	12.960	SQM	128.01	1658.98
14	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Foundations, footings, bases of columns, etc. for mass concrete	10.800	SQM	294.07	3175.99
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	19.440	SQM	552.23	10735.28
(c)	Columns, Pillars, Piers, Abutments, Posts and Struts	41.040	SQM	720.88	29584.87
	COST OF 24.345 RM BOUNDARY WALL			TOTAL	309225.29
	COST OF 1 RM BOUNDARY WALL			COST OF 1 RM.	12712.24


विनोद प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल)
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 निर्माण इकाई - आगरा



अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा



इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

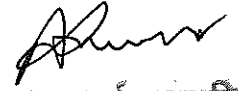
TENDER BOQ FOR PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON KASGANJ DISTT.- KASGANJ (U.P.)					
BILL OF QUANTITY OF 6.00 MT. WIDE M.S. GATE					
S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATES	AMOUNT
1	Excavation of foundation in ordinary soil (loam clay or sand) including lift upto 1.50 meter and lead upto 30 meter and including filling, watering and ramming of excavated earth into the trenches or into the space between the building and sides of foundation trenches or into the plinth and removal and disposal of sur-plus earth as directed by the Engineer incharge up to a distance of 30 meters from the foundation trenches	7.14	CUM	195.20	1393.14
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	0.900	CUM	5108.32	4597.49
3	R.C.C. work in lighter beams i.e. having spans upto 6 m. (Using 1:1.5:3 Mix concrete)	0.540	CUM	6783.41	3663.04
4	R.C.C. work in R.C.C. Raft foundation and footing with approved stone ballast.(Using 1:1.5:3 Mix concrete)	1.600	CUM	6783.41	10853.45
5	R.C.C. work in R.C.C. columns in 1:1.5:3 having strength not less than M-20.	0.441	CUM	8627.97	3804.94
6	Thermo-Mechanically Treated bars of grade Fe-500D or more work such as in reinforced concreted or reinforced brick work (when not included in overall rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel its wastage.	3.16	QTL	8087.67	25557.04
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand)	1.915	SQM	5348.47	10240.99
8	12 mm cement plaster 1:6 (1 cement: 6 coarse sand)	5.460	SQM	257.70	1407.06
9	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	5.460	SQM	87.66	478.64
10	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works (Gate steel work)	540.000	KG	129.43	69893.68

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11	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture	10.800	SQM	128.01	1382.49
12	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (c.c. moulding)	0.046	CUM	5908.09	268.82
13	Centering and shuttering including strutting, propping etc. and removal of form for:				
(a)	Foundations, footings, bases of columns, etc. for mass concrete	3.600	SQM	294.07	1058.66
(b)	Lintels, beams, plinth beams, girders, bressumers and cantilevers	3.600	SQM	552.23	1988.01
(b)	Columns, Pillars, Piers, Abutments, Posts and Struts	8.580	SQM	720.88	6185.14
			TOTAL	RS	142772.59


 अमर प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल)
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा


 अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
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 इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

BILL OF QUANTITY OF 15.00 MT. WIDE M.S. GATE

S.N.	DESCRIPTION OF ITEM	QTY.	UNIT	RATES	AMOUNT
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works (Gate steel work)	1215.000	KG	129.43	157260.78

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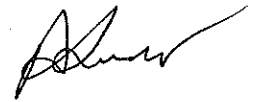
1.57



प्रकाश बाजपेयी
प्रभारी अभियन्ता (सिविल),
उ०प्र० पुलिस आवास निगम,
निर्माण इकाई - आगरा



अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
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इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

ABSTRACT OF COST- D.G. SET PLATFORM

S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	4.140	CUM	195.20	808.12
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources	1.420	CUM	5108.32	7253.81
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.522	CUM	1592.60	831.34
4	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	4.200	CUM	8627.97	36237.49
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	0.120	CUM	5348.47	641.82
6	Thermo-Mechanically Treated bars of grade Fe-500D in plain work such as reinforced concrete/brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel, its wastage over lapping shall be measured.	2.308	QTL	8087.67	18665.54

बिन्दु प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम
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7	12 mm thick plaster with cement mortar in consisting of 1:6 cement and approved coarse sand of minimum thickness not be less than 10 mm including supply of all materials, labour T&P etc. required for proper completion of the work. On smooth surface of wall.	3.300	SQM	257.70	850.42
8	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	7.000	SQM	460.59	3224.12
9	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement.18 mm thick	1.620	SQM	496.47	804.28
10	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	3.300	SQM	87.66	289.29
				TOTAL	69606.23
		Say Rs.		0.70	Lacs.

प्रकाश बाजपेयी
वरिष्ठ अभियन्ता (सिविल),
प्र० पुलिस आवास निगम
निर्माण ड्राईड - अग्रगण्य

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

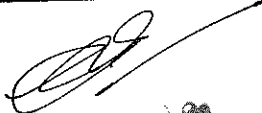
**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**


ABSTRACT OF COST- TRANSFORMER PLATFORM

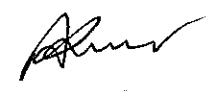
S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATES	AMOUNT
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	8.470	CUM	195.20	1653.34
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources	0.970	CUM	5108.32	4955.07
3	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	0.360	CUM	1592.60	573.34
4	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (FOR SLAB)	0.600	CUM	8627.97	5176.78
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	6.090	CUM	5348.47	32572.21
6	Thermo-Mechanically Treated bars of grade Fe-500D in plain work such as reinforced concrete/brick work (when not included in over all rates) wrought to required shape as necessary including bending for proper completion of the work and including supply of steel, its wastage over lapping shall be measured.	0.471	QTL	8087.67	3809.29
7	15mm thick plaster with cement mortar in proportion of 1:4 cement & coarse sand of 2.25 F.M.	1.200	SQM	308.77	370.53

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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निर्माण इकाई आगरा


8	12 mm thick plaster with cement mortar in consisting of 1:6 cement and approved coarse sand of minimum thickness not be less than 10 mm including supply of all materials, labour T&P etc. required for proper completion of the work. On smooth surface of wall.	6.000 ✓	SQM	257.70 ✓	1546.22
9	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12-20mm nominal size laid in one layer neat cement (40 mm thick floor).	4.000 ✓	SQM	460.59 ✓	1842.35
10	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement. 18 mm thick	3.150 ✓	SQM	496.47 ✓	1563.88
11	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	35.640 ✓	KG	97.86 ✓	3487.80
12	Finishing walls with water proofing cement paint of required shade New work (Two or more coats applied @ 3.84 kg/10 sqm)	6.000 ✓	SQM	87.66 ✓	525.98
13	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/10 sqm of approved brand and manufacture.	1.728 ✓	SQM	128.01 ✓	221.20



अनंद प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल),
 उ० प्र० पुलिस आवास निगम,
 निर्माण इकाई - आगरा



अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा


इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम
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14	Welded steel wire fabric fencing with posts of specified material and of standard design placed and embedded in cement concrete blocks 45x45x 60 cm of mix 1:5:10 (1 cement:5 fine sand : 10 graded stone aggregate 40 mm nominal size), every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and struts embedded in cement concrete blocks 70x45x50 cm of the same mix, provided with welded steel wire fabric fixed between the posts fitted and fixed with G.I. staples on wooden plugs or tied to 6 mm bar nibs with G.I. binding wire (cost of posts, welded steel wire fabric, painting, earth work in excavation and concrete to be paid for separately).	9.600	SQM	49.61	476.22
				TOTAL	58774.20
		Say Rs.		0.59	Lacs.


डॉ. प्रकाश बाजपेयी
 सचिव अमियन्ता (सिविल)
 को. प्रो. पुलिस आवास निगम
 निर्माण डुकार्ड - आर. ३



अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा



इकाई प्रभारी
80 प्र० पुलिस आवास निगम लि.
विमान इकाई अगारा

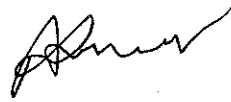
**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

[ABSTRACT OF COST - CAMPUS EARTH FILLING.]

S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.				
		1352.000	CUM	370.00	500240.00
				G. TOTAL	500240.00
				Say Rs.	5.00
					Lacs.


प्रकाश बाजपेयी
 सहायक अभियन्ता (सिविल),
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा


अमरजीत चौहान
 प्रभारी सहायक अभियन्ता
 उ० प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा


इकाई प्रभारी
 उ० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

FIRE STATION							
BILL OF QUANTITY LIFT WORK(FIRE STATION BUILDING)							
S.No.		DESCRIPTION	UNIT	QTY	RATE	AMOUNT IN RS	AMOUNT IN LACS
1		8 PASSENGER LIFT (G+9)					
		Supply Installation , Testing & Commissioning of 8 Passenger, 544Kg,1.5 mps. Automatic Elevator, with VVVF and Microprocessor based Simplex Collective Selective with/without Provision of attendant control. Separate Landing Push Button Box for all Landings with scrolling indicator. with provision of Attendant control, having 10 stops , 10 Openings with SS Cabin (Hair Line Finish) having Cross flow fan for Ventillation , having sleek (SS hair Line finish-PVC) and LED small Circular lighting all complete.	SET	1	1766000.00	1766000.00	17.66
		Other Features					
	1	Battery Operated Emergency Light And Alarm Bell					
	2	Call Register Signal And Vf Door Operator					
	3	False Ceiling In Car					
	4	Vandal Proof S.S. Button With S.S. Cover					
	5	Firemans Switch					
	6	Infra Red Door Screen					
	7	Full Car Operating Panel					
	8	3 Way Intercom / Press And Speak Phone					
	9	Push Button - Orange L E D Illumination					
	10	Dot Matrix Led D & P Indicators In Car & Landings -Orange Colour					
	11	Automatic Rescue Device					
	12	Minor Builders Work					
	13	Scaffolding					
	14	Floor Annunciator With Music					
	15	Braille Buttons					
	16	Sill Support					
	17	Lift License					
	18	Overload Warning Indicator With Audio Announcement					
	19	Pit Ladder					
	20	Auto Light & Fan Switch Off (Pod)					
	21	Free Service & Maintenance For Two Years					
2		13 PASSENGER LIFT - (G+9)					
		Supply Installation , Testing & Commissioning of 13 Passenger, 884 Kg,1.5 mps. Automatic Elevator, with VVVF and Microprocessor based Simplex Collective with/without Provision of attendant control. Separate Landing Push Button Box for all Landings with scrolling indicator. with provision of Attendant control, having 10 stops , 10 Openings with SS Cabin (Hair Line Finish) having Cross flow fan for Ventillation , having sleek (SS hair Line finish-PVC) and LED small Circular lighting all complete.	SET	1	1995000.00	1995000.00	19.95
		Other Features					
	1	Battery Operated Emergency Light And Alarm Bell					
	2	Call Register Signal And Vf Door Operator					
	3	False Ceiling In Car					
	4	Vandal Proof S.S. Button With S.S. Cover					
	5	Firemans Switch					
	6	Infra Red Door Screen					
	7	Full Car Operating Panel					
	8	3 Way Intercom / Press And Speak Phone					
	9	Push Button - Orange L E D Illumination					
	10	Dot Matrix Led D & P Indicators In Car & Landings -Orange Colour					
	11	Automatic Rescue Device					
	12	Minor Builders Work					
	13	Scaffolding					
	14	Floor Annunciator With Music					
	15	Braille Buttons					
	16	Sill Support					
	17	Lift License					
	18	Overload Warning Indicator With Audio Announcement					
	19	Pit Ladder					
	20	Auto Light & Fan Switch Off (Pod)					
	21	Free Service & Maintenance For Two Years					

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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अमरजीत चौहान
प्रभारी सहायक अभियन्ता
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इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
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**TENDER BOQ FOR PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT SORON KASGANJ
DISTT.- KASGANJ (U.P.)**

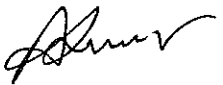
[ABSTRACT OF COST - DG SET 125KVA]

S.N.	DESCRIPTION OF ITEM	QUANTITY	UNIT	RATE	AMOUNT
1	Supplying, Installation, Testing & Commissioning of 'Silent Type Diesel Generating set as per CPCB IV + or better norms along with having Prime Power Rating of KVA as below, 415 volts at 1500 RPM, 0.8 lagging power factor at 415 V suitable for 50 Hz, 3 phase system & for 0.85 Load Factor, including testing at factory and site with fuel, load for test and other necessary arrangements Complete as per CPWD specifications, should have QR code which should contain drawing, test report OEM manual, Geo- Tag of manufacturing location, rating plate as per relevant IS Code etc. and consisting of the followings:(A) Diesel Engine: Turbocharged Diesel engine 4 stroke water cooled, multi cylinder, dynamically balanced fly wheel, electric start of suitable BHP at 1500 RPM suitable for above output of alternator at 40 OC, 50% RH & at 1000 Meter MSL , capable of taking 10% over loading for one hour after 12 hours of continuous operation. The engine will be with Electronic governor, Dry type Air filter with service indicator, first filling of engine fuel (after commissioning) lubricating Oil, Coolant and other consumables complete with all the required accessories, the Electronic governor shall be as per ISO 8528. The engine shall comply to the latest CPCB norms (CPCB IV + or better) and Conforming to BS 5514, BS 649, IS 10000, IS 10002, IS 13018 and as per CPWD specifications.				
	125 KVA	1.00 ✓	JOB	668000.00 ✓	668000.00 ✓
				G. TOTAL	668000.00 ✓
			Say Rs.	6.68 -	Lacs.


प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम

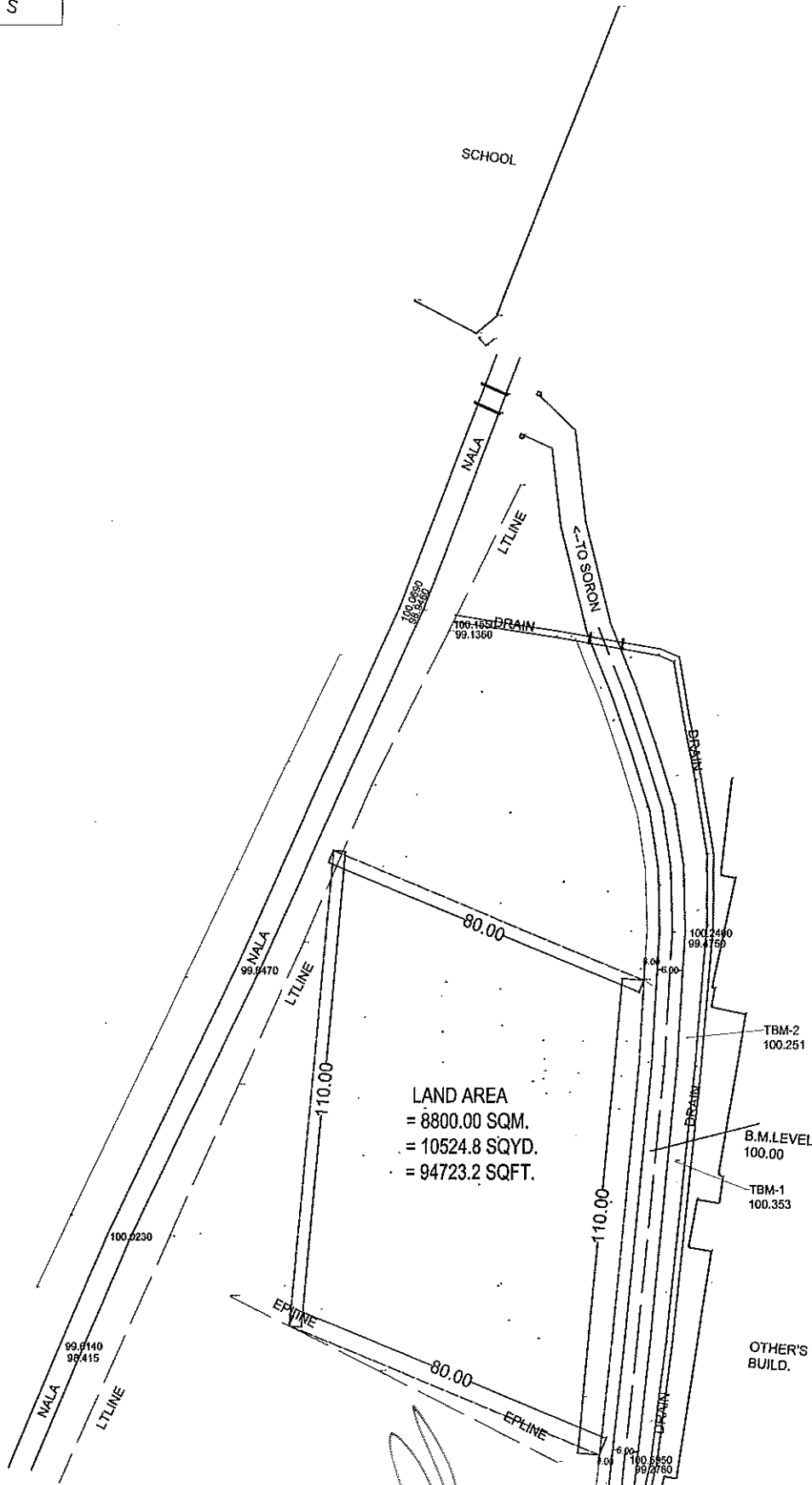
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अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा


इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
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SITE PLAN OF EXISTING SITE SORON AT ETAR *Kasgari*



PRAPHULLA KUMAR GUPTA
(B.Arch, M.Planning)
CA/2008/43652

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई प्रभारी

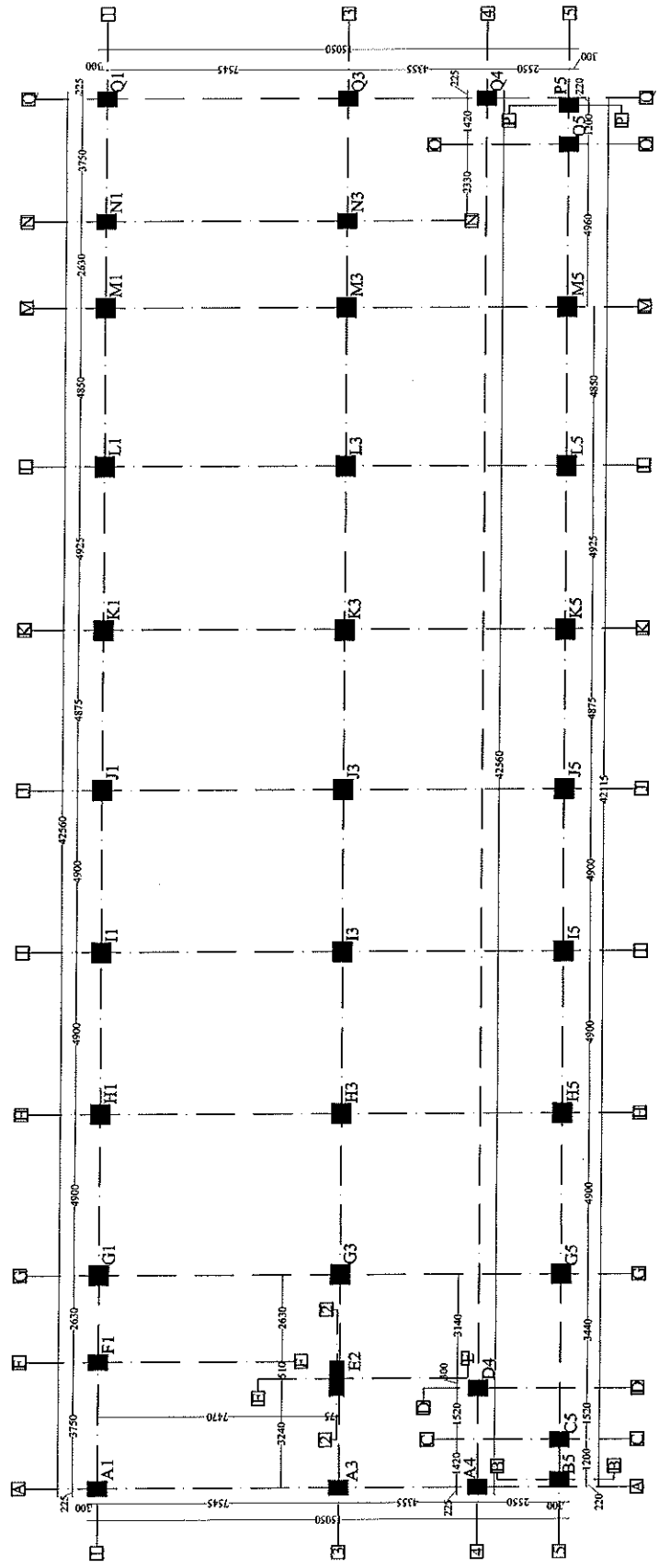
अमरजीत चौहान
प्रभारी सहायक अभियंता
उ० प्र० पुलिस आवास निगम लि.
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LEGENDS		LEGENDS		AREA DETAILS			
SYMBOLS	SYMBOLS	SYMBOLS	SYMBOLS	SQM	HECT.	ACRE	SQF
LAND/ BUILDING	NAVA TOP	NAVA TOP	96.889				
DAKUR ROAD	NAVA RYERT	NAVA RYERT	96.629				
STAR	LAMP POST	LAMP POST					
ELECTRIC POLE	SEWER MANHOLE	SEWER MANHOLE					
TREE	TRANSFORMER	TRANSFORMER					
LT POLE	HAND PUMP	HAND PUMP					

NOTE-
1. ALL DIMENSIONS ARE IN METERS.
2. ALL DATA IS TAKEN AS PER SITE.
SHEET SIZE: SURVEYED ON: SCALE:

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- CENTER LINE PLAN (GROUND FLOOR TO FIRST FLOOR)	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SHOWN IN THE DRAWING ARE ONLY INDICATIVE OF POSITION AND POSITION WILL BE AS PER THE STRUCTURAL CONSULTANT'S DESIGN. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. FINISH AREA CALCULATION IS BASED ON AS PER IS CODE 3841:2002. 8. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT DEPARTMENT HEAD & EMERGENCY SERVICES DEPARTMENT.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AS-01
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA / AR. PRAPHULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR -D RUSHANT GOLF CITY SHARAD PATH LUCKNOW-226009, MOBILE E-979343311 swastikaarchitect@gmail.com	



CENTRE LINE PLAN
(GROUND TO FIRST FLOOR)

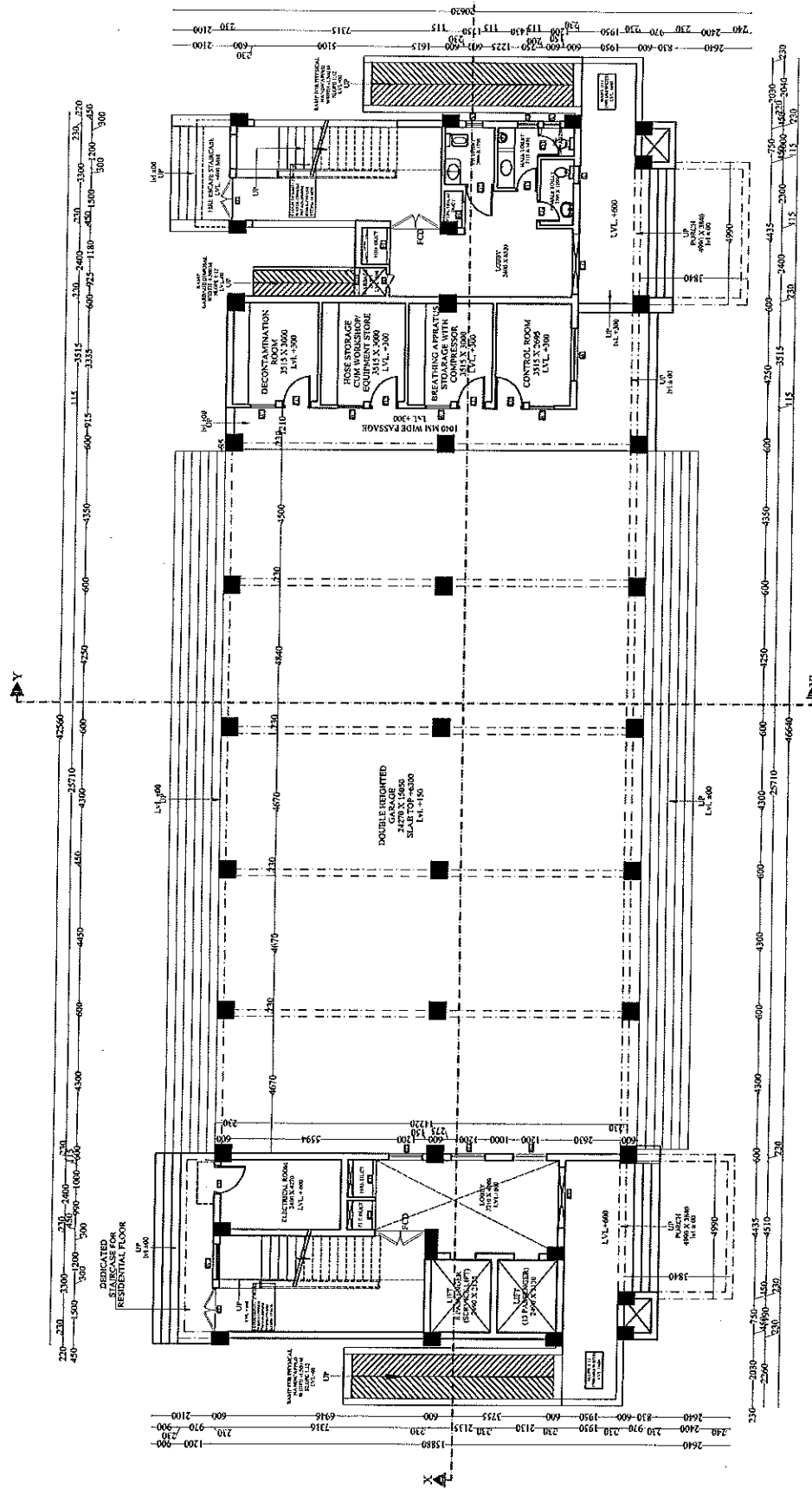
अमरजीत चौहान
प्रमारी सहायक अभियन्ता
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निर्माण इकाई आगरा

इकाई प्रमारी
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रफुल्ला कुमार गुप्ता
(B.Arch, M.Plan)
CA/2008/43652

प्रफुल्ला कुमार गुप्ता
(सिविल)
अवर अभियन्ता निगम
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST - KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- GROUND FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THE DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE MODIFIED. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE ARCHITECT'S OFFICE CAN ACCEPT AN ACTUAL AREA MAY DIFFER AT LATER STAGE OF THE DRAWING & TENDER DRAWINGS. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE TO BE AS PER STRUCTURE CONSULTANT'S POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE SHALL BE PROVIDED AS PER REQUIREMENT. 8. ALL THE DIMENSIONS SHALL BE CALCULATED BASED ON AS PER IS CODE REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S REQUIREMENT. 9. THE DRAWING IS TO BE FOLLOWED AS PER THE CLIENT'S REQUIREMENT.	
PLINTH AREA AS PER IS 9846:2003 GROUND FLOOR AREA - 668.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 668.08 SQ.MT. THIRD FLOOR AREA - 668.08 SQ.MT. FOURTH FLOOR AREA - 668.08 SQ.MT. FIFTH FLOOR AREA - 668.08 SQ.MT. SIXTH FLOOR AREA - 668.08 SQ.MT. SEVENTH FLOOR AREA - 668.08 SQ.MT. EIGHTH FLOOR AREA - 668.08 SQ.MT. TOTAL FLOOR AREA - 5968.21 SQ.MT.	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-02
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	668.08 SQ.MT.
THIRD FLOOR AREA -	668.08 SQ.MT.
FOURTH FLOOR AREA -	668.08 SQ.MT.
FIFTH FLOOR AREA -	668.08 SQ.MT.
SIXTH FLOOR AREA -	668.08 SQ.MT.
SEVENTH FLOOR AREA -	668.08 SQ.MT.
EIGHTH FLOOR AREA -	668.08 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5968.21 SQ.MT.

GROUND FLOOR PLAN

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Plan)
CA/2008/43652

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अमर प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

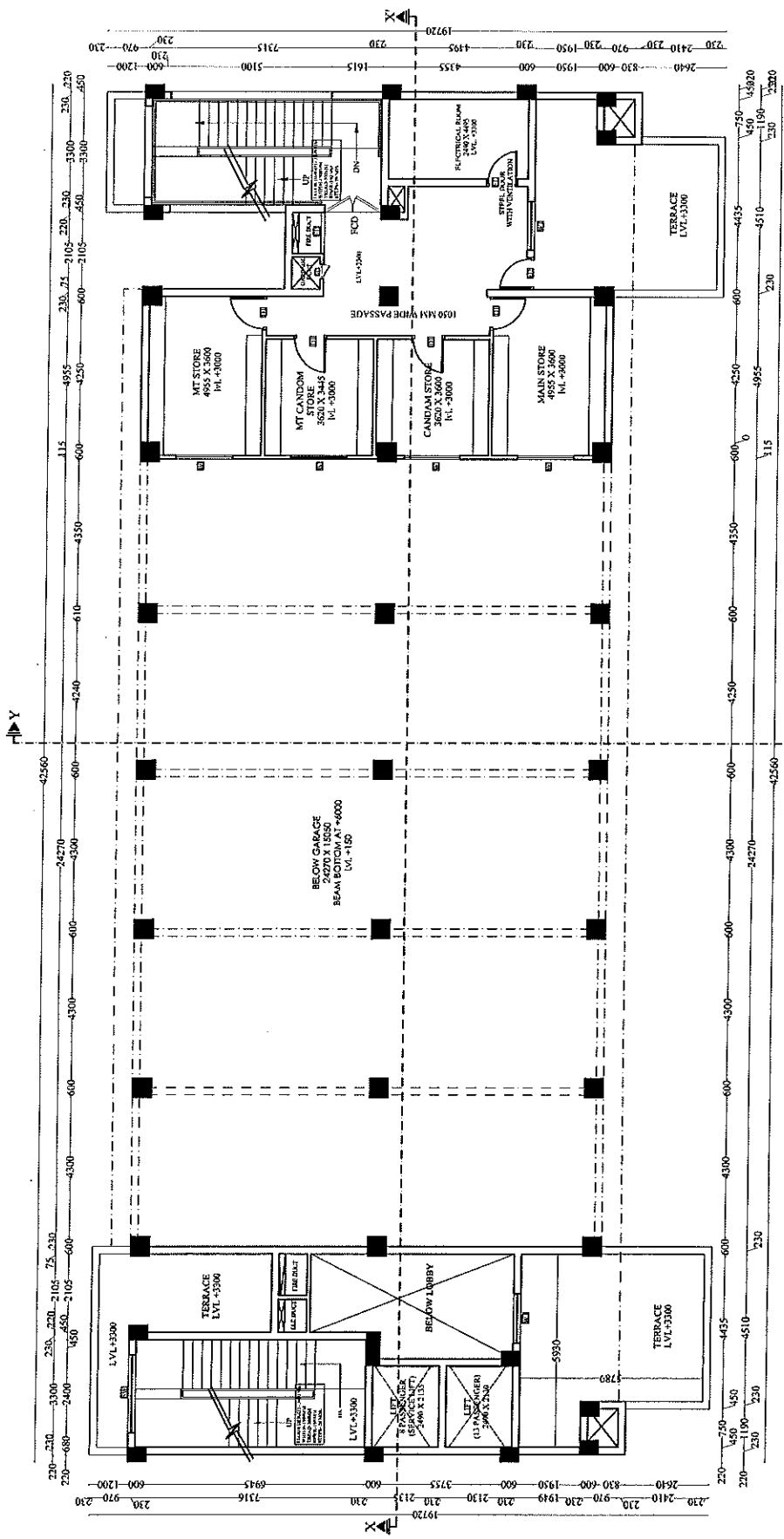
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमर प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Plan)
CA/2008/43652

ARCHITECTS & INTERIOR DESIGNERS
SWASTIKA
32-A, AGF-110 SECTOR-D BUSHAN TOWNSHIP
SHARAD PATH LUCKNOW-226029,
MOBILE-9799453311
swastikaarchitect@gmail.com

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.-KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- FIRST FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF MS SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AFTER THE FINALIZATION OF PRELIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SHOWN IN THE DRAWING ARE TO BE PROVIDED AS PER REQUIREMENT. 6. PER THE STRUCTURAL CONSULTANT AND POSITION WILL BE AS PER THE STRUCTURAL CONSULTANT'S REQUIREMENT. 7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT. 9. DEPARTMENT FIRE & EMERGENCY SERVICES DEPARTMENT.	
PLINTH AREA AS PER IS 3041:2002 GROUND FLOOR AREA - 668.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 699.85 SQ.MT. THIRD FLOOR AREA - 651.85 SQ.MT. FOURTH FLOOR AREA - 571.52 SQ.MT. FIFTH FLOOR AREA - 521.26 SQ.MT. SIXTH FLOOR AREA - 521.26 SQ.MT. SEVENTH FLOOR AREA - 541.06 SQ.MT. EIGHTH FLOOR AREA - 541.06 SQ.MT. NINTH FLOOR AREA - 541.06 SQ.MT. TOTAL FLOOR AREA - 5486.91 SQ.MT.	
MANAGER (ARCH) :- G.M. :	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-03
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA / AR. PRAPHULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-4 AGF-110 SECTOR-D SUSHANT GOLF CITY SHAHRAD PATH LUCKNOW-220029, MOBILE:-9793435311 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	699.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	541.06 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

FIRST FLOOR PLAN

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Plan)
CA/2008/A3652

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

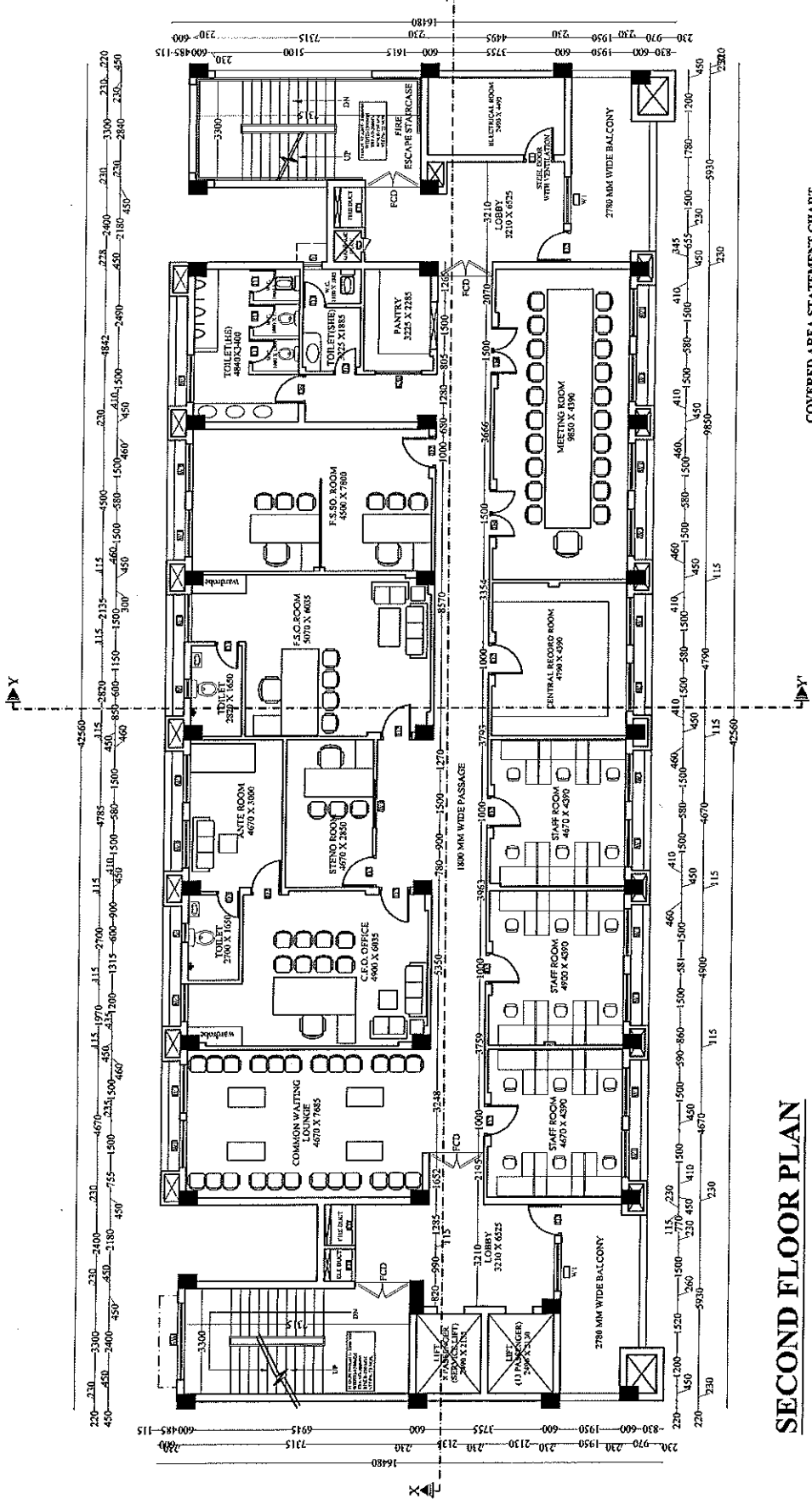
नन्द प्रकाश बाजपेयी
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
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निर्माण इकाई आगरा

इकाई प्रमारी
उ०प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

PROJECT :-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KAGANI (U.P.)
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	SECOND FLOOR PLAN
NOTES :-	1. ALL DIMENSIONS ARE IN MM. 2. THE FLOOR DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE ARCHITECT'S PLAN ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE TO BE AS PER STRUCTURE CONSULTANT'S DESIGN. POSITION WILL BE AS PER THE REQUIRED DUCT/OTHER SERVICES CHUTE. 7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. ALL AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 9. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 10. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 11. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 12. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 13. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 14. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 15. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 16. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 17. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 18. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 19. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003. 20. THE AREA CALCULATION IS BASED ON AS PER IS CODE 4610:2003.
MANAGER(ARCH) :-	G.M. :
CONSTRUCTION AGENCY	U.P. POLICE AWAS NIGAM LTD.
DATE :-	DRG. NO. :-
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA IAR, PRAHULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR - D SUSHANT GOLF CITY SHARHED PATH LUCKNOW-226003. MOBILE-9793453511 swastikaarchitect@gmail.com.	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

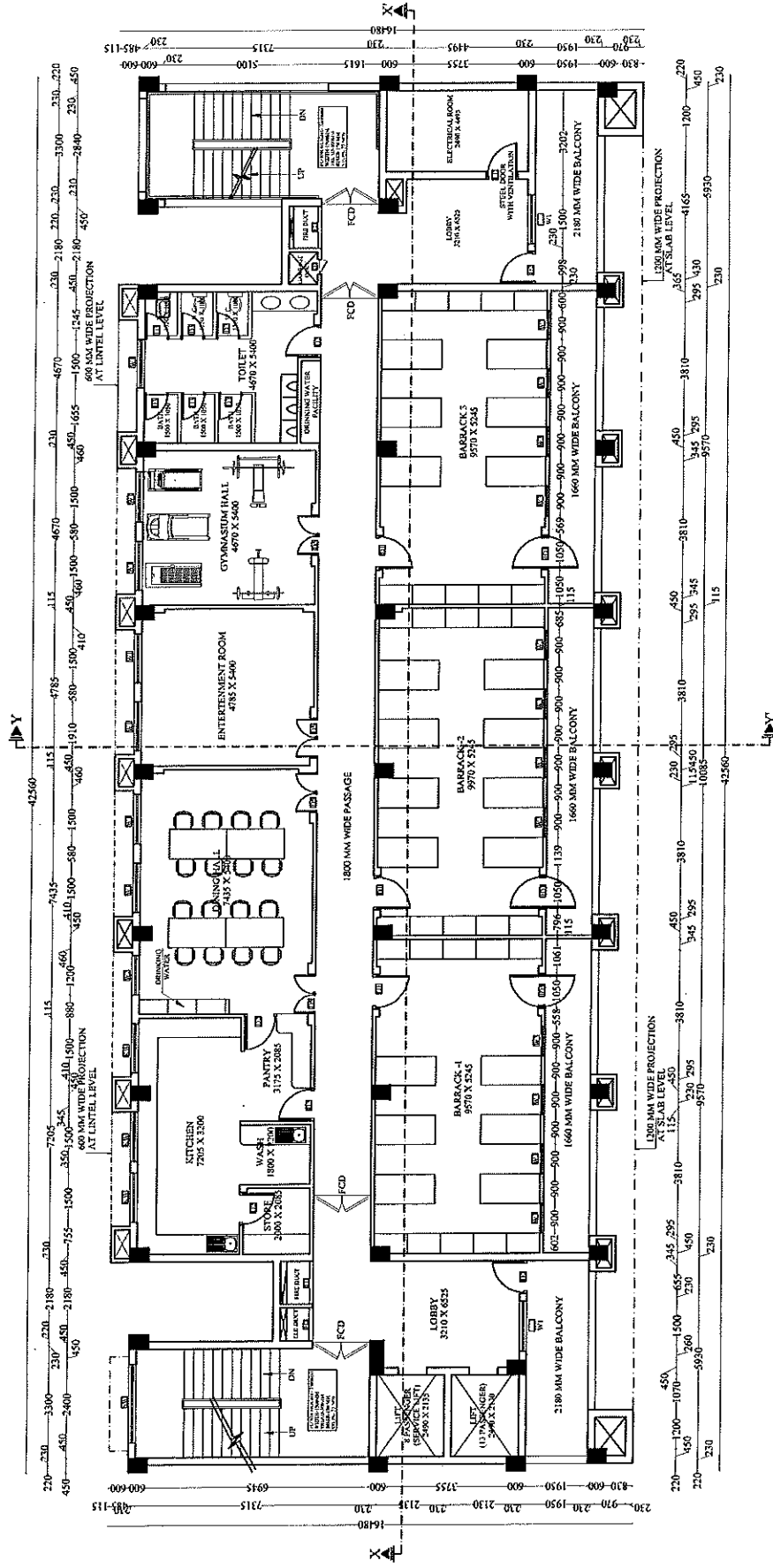
SECOND FLOOR PLAN

PRAPHULLA KUMAR GUPTA (B.Arch., M.Plan) CA/2008/493652

अमरजीत चौहान प्रमोरी सहायक अभियन्ता उ०प्र० पुलिस आवास निगम निर्माण इकाई आगरा

अमर प्रकाश बाजपेयी अमर अभियन्ता (सिविल) उ०प्र० पुलिस आवास निगम निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- THIRD FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF MRS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY DIFFER AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE IN MM. (DIA. X HEIGHT) AND POSITION WILL BE AS PER THE STRUCTURAL CONSULTANT'S SERVICES CHUTE. 7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. FINISHES ARE TO BE AS PER REQUIREMENT. 9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT'S DEPARTMENT FIRE & EMERGENCY SERVICE DEPARTMENT.	
PLINTH AREA AS PER IS 1801:1988 GROUND FLOOR AREA - 668.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 609.85 SQ.MT. THIRD FLOOR AREA - 651.85 SQ.MT. FOURTH FLOOR AREA - 571.32 SQ.MT. FIFTH FLOOR AREA - 521.26 SQ.MT. SIXTH FLOOR AREA - 521.26 SQ.MT. SEVENTH FLOOR AREA - 541.06 SQ.MT. EIGHTH FLOOR AREA - 560.21 SQ.MT. NINTH FLOOR AREA - 58.46 SQ.MT. TOTAL FLOOR AREA - 5486.91 SQ.MT.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-05
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA / AR. PRAPHULLA GUPTA ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-10 SECTOR - D SUSHANT GOLF CITY SHAHRAD PATH LUCKNOW-226029, MOBILE: 9793453111 swastikaarchitect@gmail.com	



THIRD FLOOR PLAN

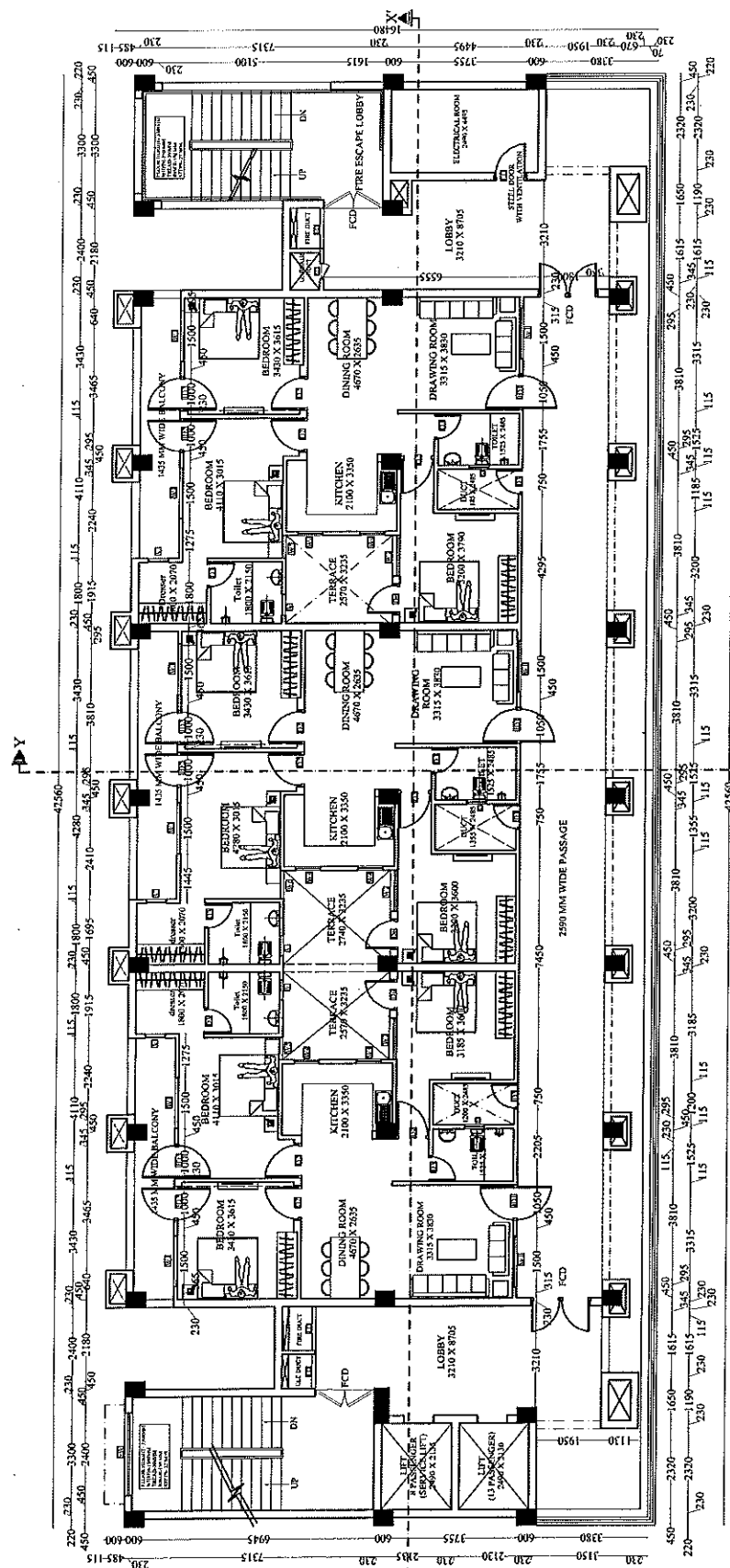
COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.32 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

PRAPHULLA KUMAR GUPTA
 (Arch. M. Plan)
 CA-2608/4653
 अमरजीत चौहान
 प्रमारी सहायक अभियन्ता
 00 प्रो पुलिस आवास निगम
 निर्माण इकाई - आगरा
 इकाई नम्बर 1

00 प्रो पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- FOURTH FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THIS DRG. IS THE PROPERTY OF MS. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 4. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE WAY THE DRAWING IS USED AT LATER STAGE OF FREELANCE & TENDER DRAWINGS. 5. ALL THE COLUMNS SHOWN IN THE DRAWING ARE TO BE PROVIDED AS PER REQUIREMENT OF THE STRUCTURAL CONSULTANT. 6. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE TO BE PROVIDED AS PER REQUIREMENT OF THE ELECTRICAL CONSULTANT. 7. PLUMBING CALCULATION IS BASED ON AS PER IS CODE 5841:2002. 8. THE BUILDING, AFTER THE CLIENT DEPARTMENT FIRE & RESCUE, SURVEY DEPARTMENT.	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-06
SCALE :-	NORTH :-
DESIGNED BY :- PRASHU VERMA ARCHITECT & INTERIOR DESIGNER	ARCHITECT :- AR. PRASHULLA GUPTA ARCHITECT & INTERIOR DESIGNER
आर्य SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR -D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-9793435111 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	521.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X 2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

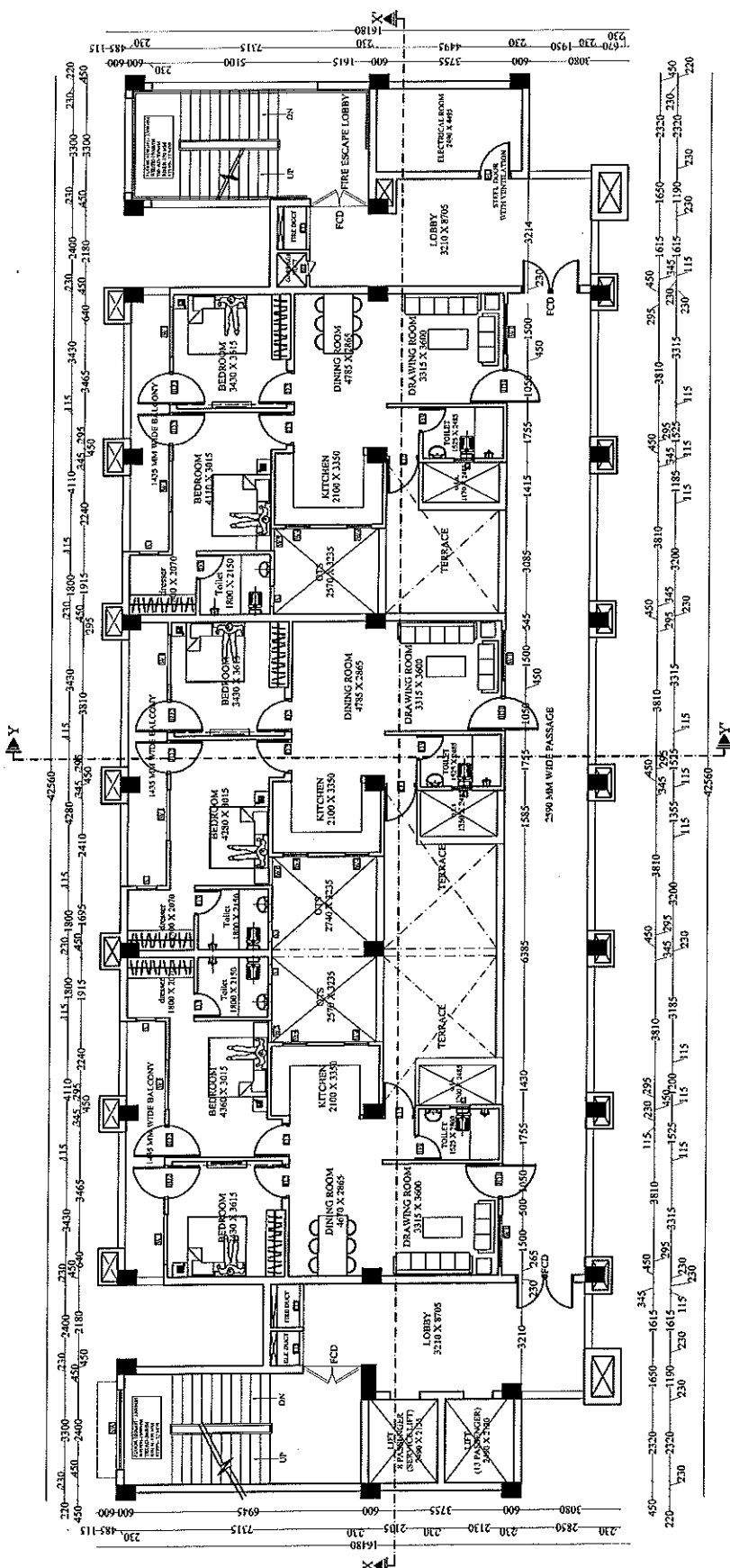
FOURTH FLOOR PLAN
TYPE A (UNIT AREA- 105.00 SQ.MT.)

PRASHULLA KOMAR GUPTA
(B.Arch, M.Plan)
CA/2009/140652

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उपप्रो पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उपप्रो पुलिस आवास निगम
निर्माण इकाई - आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST- KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- FIFTH FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO SCALE. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BOUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR THE STRUCTURE ACTUAL SIZE AND POSITION WILL BE AS PER THE STRUCTURE ENGINEER'S DRAWING. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. FINISH AREA CALCULATION IS BASED ON AS PER IS CODE 4763-2008. 8. ENCLOSURE OF THE BUILDING, AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT).	
FLOOR AREA AS PER IS 4763-2008 GROUND FLOOR AREA - 668.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 699.85 SQ.MT. THIRD FLOOR AREA - 651.85 SQ.MT. FOURTH FLOOR AREA - 571.50 SQ.MT. FIFTH FLOOR AREA - 521.26 SQ.MT. SIXTH FLOOR AREA - 541.06 SQ.MT. SEVENTH FLOOR AREA - 560.21 SQ.MT. EIGHTH FLOOR AREA - 58.46 SQ.MT. TOTAL FLOOR AREA - 5486.91 SQ.MT.	
MANAGER (ARCH) :- G.M. :-	CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.
DATE :-	DRG. NO. :- AR-07
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
ARCHITECTURAL CONSULTANT PRANSHU VERMA / AR. PRAPHULLA GUPTA	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-4 AGF-110 SECTOR - D SURBANT GOLF CITY SHARDESH PATH LUCKNOW-226029, MOBILE-979433111 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	699.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.50 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	541.06 SQ.MT.
SEVENTH FLOOR AREA -	560.21 SQ.MT.
EIGHTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

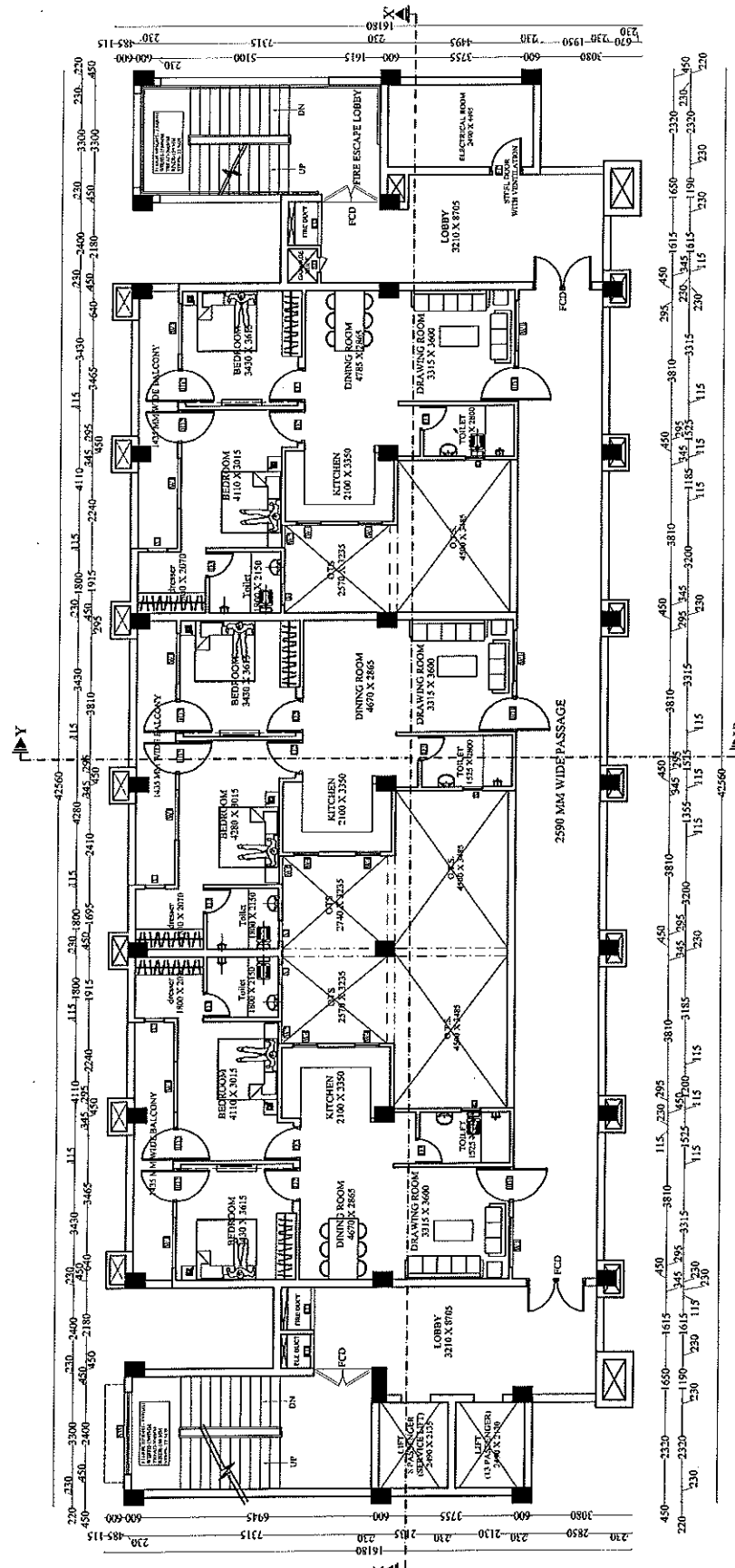
**FIFTH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)**

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश बाजपेयी
अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
आगरा

PRAPHULLA KUMAR GUPTA
ARCHT. (M.Plan)
B-208, 209, 210
CAN-2008/400652

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- SIXTH TO SEVENTH FLOOR PLAN	
<p>NOTES :-</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO SCALE. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE. ACTUAL SIZE AND POSITION WILL BE AS PER REQUIRED DACT OTHER SERVICES CHUTE. 6. OTHER ANY REQUIRED DACT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. ALL THE COLUMNS ARE BASED ON AS PER IS CODE. 8. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT. 9. DEPARTMENT (HOME & EMERGENCY SERVICE DEPARTMENT). 	
<p>COVERED AREA AS PER IS 3043:2002</p> <p>GROUND FLOOR AREA - 668.08 SQ.MT.</p> <p>FIRST FLOOR AREA - 230.48 SQ.MT.</p> <p>SECOND FLOOR AREA - 609.85 SQ.MT.</p> <p>THIRD FLOOR AREA - 681.85 SQ.MT.</p> <p>FOURTH FLOOR AREA - 571.52 SQ.MT.</p> <p>FIFTH FLOOR AREA - 521.26 SQ.MT.</p> <p>SIXTH FLOOR AREA - 521.26 SQ.MT.</p> <p>SEVENTH FLOOR AREA - 541.06 SQ.MT.</p> <p>EIGHTH FLOOR AREA - 58.46 SQ.MT.</p> <p>NINTH FLOOR AREA - 31.62 SQ.MT.</p> <p>TOTAL FLOOR AREA - 5486.91 SQ.MT.</p>	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-08
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
<p>PRANSHU VERMA / AR. PRAPHULLA GUPTA</p> <p>ARCHITECTURAL CONSULTANT</p> <p>SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR - D SUSHANT GOLF CITY SHARED PATH LUCKNOW-226029, swastikaarchitect@gmail.com</p>	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	681.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	58.46 SQ.MT.
NINTH FLOOR AREA -	31.62 SQ.MT.
MACHINE ROOM -	5486.91 SQ.MT.
TOTAL FLOOR AREA -	5486.91 SQ.MT.

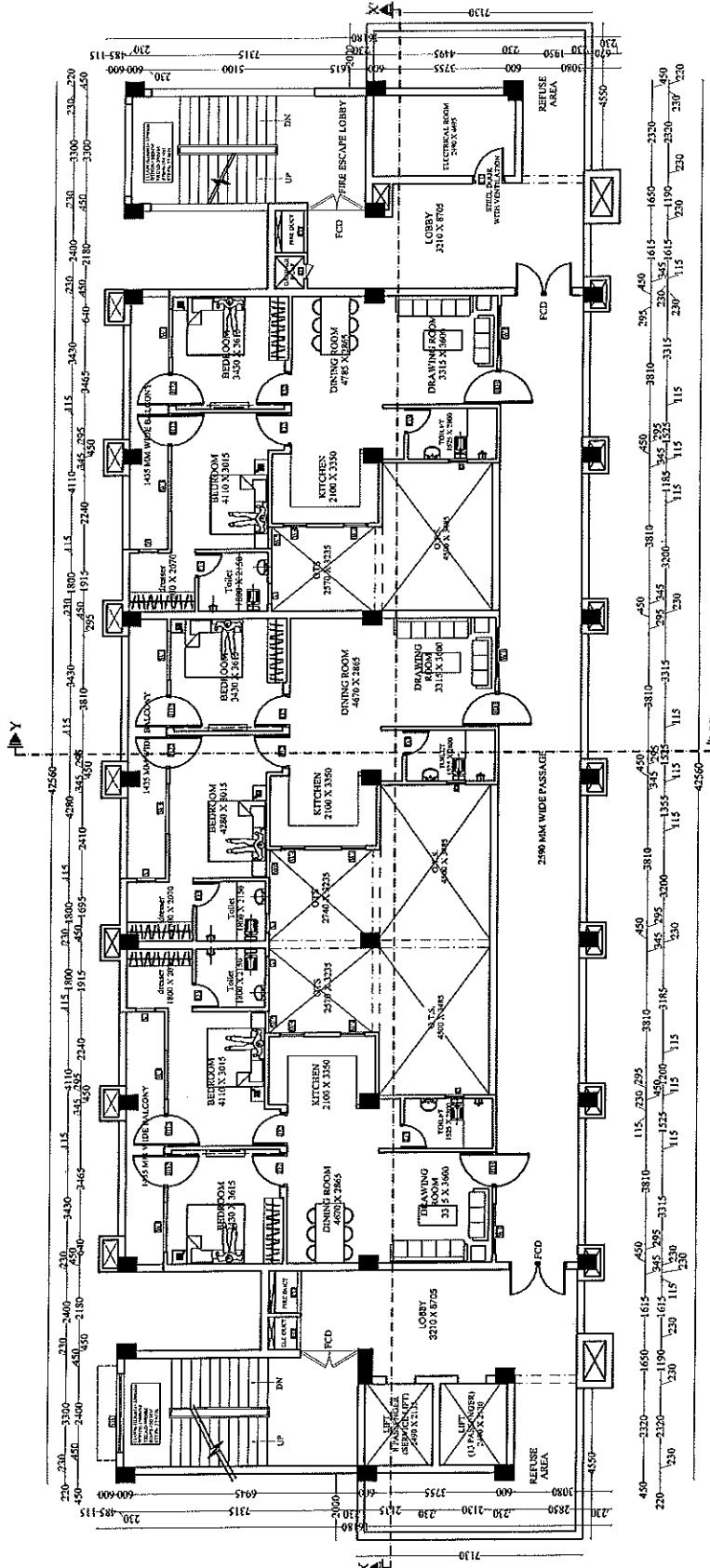
SIXTH TO SEVENTH FLOOR PLAN TYPE B (UNIT AREA- 90.00 SQ.MT.)

PRAPHULLA KUMAR GUPTA
(B.Tech, M.Plan)
CN/2008/43652

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उत्तर प्रदेश अधीन, उत्तर प्रदेश विभाग
उत्तर प्रदेश इकाई - अमर

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उत्तर प्रदेश अधीन, उत्तर प्रदेश विभाग
उत्तर प्रदेश इकाई - अमर

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- 8TH FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE SCALE. 3. THIS DRG. IS THE PROPERTY OF M/S. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE PRELIMINARY. AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE PRELIMINARY. AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 7. OTHER ANY REQUIRED DUCT (OTHER SERVICES CHUTE) WILL BE PROVIDED AS PER REQUIREMENT. 8. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE PRELIMINARY. AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT. 10. DRAWING (TYPE & EMERGENCY SERVICES DEPARTMENT)	
PLINTH AREA AS PER IS 3441-1988 GROUND FLOOR AREA - 648.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 609.85 SQ.MT. THIRD FLOOR AREA - 651.85 SQ.MT. FOURTH FLOOR AREA - 571.52 SQ.MT. FIFTH FLOOR AREA - 521.26 SQ.MT. SIXTH FLOOR AREA - 521.26 SQ.MT. SEVENTH FLOOR AREA - 541.06 SQ.MT. EIGHTH FLOOR AREA - 560.21 SQ.MT. NINTH FLOOR AREA - 584.60 SQ.MT. TOTAL FLOOR AREA - 5485.91 SQ.MT.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-09
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA (AR. PRAHULLA GUPTA) ARCHITECTURAL CONSULTANT ARCHITECT & INTERIOR DESIGNERS 88-7 AGT-110 SECTOR - D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-9793145311 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	648.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	584.60 SQ.MT.
MACHINE ROOM -	31.60 SQ.MT.
TOTAL FLOOR AREA -	5485.91 SQ.MT.

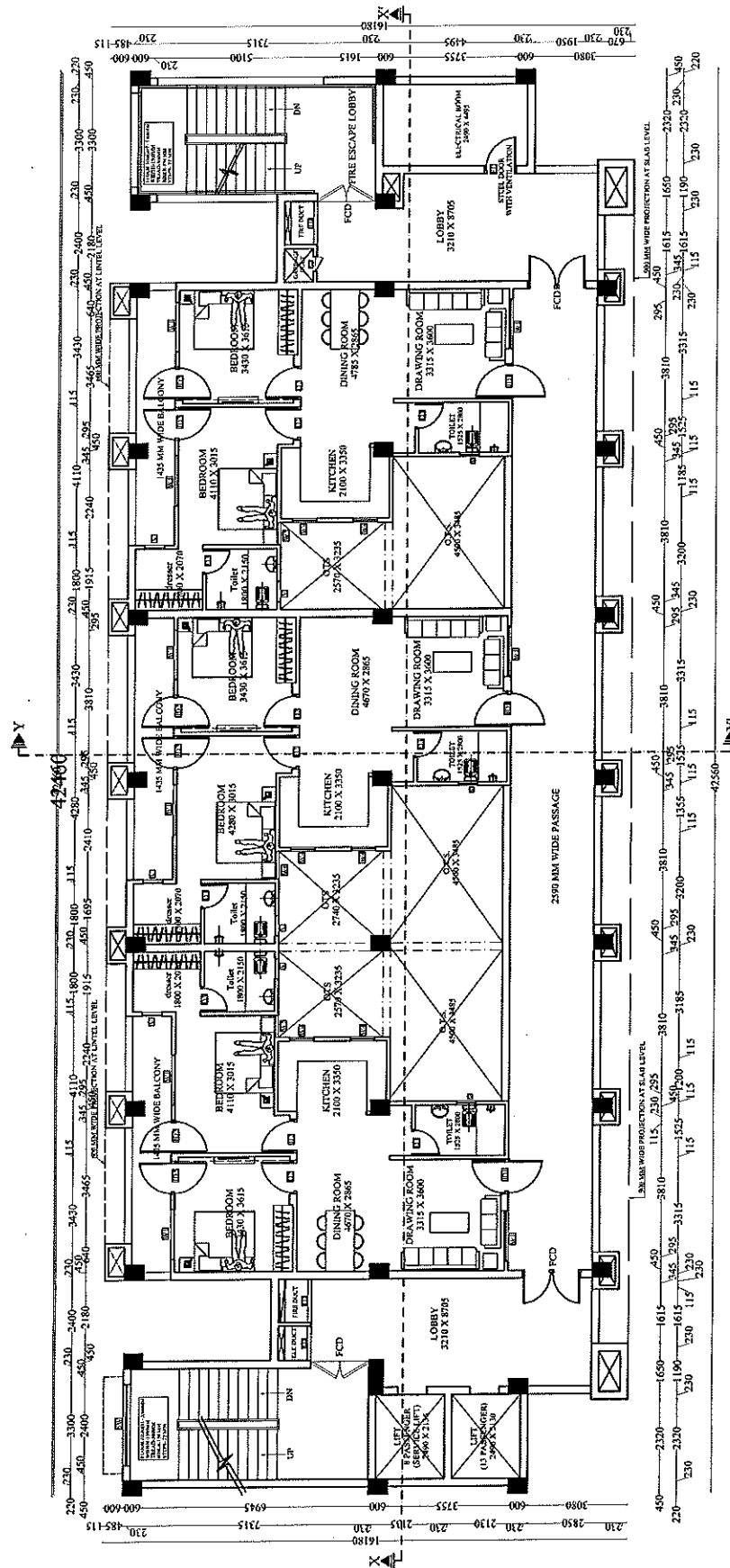
**8TH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)**

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उपप्रभारी पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उपप्रभारी पुलिस आवास निगम
निर्माण इकाई आगरा

निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- NINTH FLOOR PLAN	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION TO THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SHOWN IN THE DRAWING ARE FOR INFORMATION ONLY. EXACT POSITION WILL BE AS PER THE STRUCTURAL CONSULTANT. 7. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. AREA CALCULATION IS BASED ON AS PER IS CODE 8663-1980. 9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT DEPARTMENT (HOME & DEPARTMENT SERVICE DEPARTMENT).	
<p>PLINTH AREA AS PER IS 8663-1980:- GROUND FLOOR AREA - 668.08 SQ.MT. FIRST FLOOR AREA - 230.48 SQ.MT. SECOND FLOOR AREA - 609.85 SQ.MT. THIRD FLOOR AREA - 651.85 SQ.MT. FOURTH FLOOR AREA - 571.52 SQ.MT. FIFTH FLOOR AREA - 521.26 SQ.MT. SIXTH FLOOR AREA - 521.26 SQ.MT. SEVENTH FLOOR AREA - 541.06 SQ.MT. EIGHTH FLOOR AREA - 560.21 SQ.MT. NINTH FLOOR AREA - 58.46 SQ.MT. TOTAL FLOOR AREA - 5485.91 SQ.MT.</p>	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-10
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR - D SUSHANT GOLF CITY SHARAD PATH LUCKNOW-226029, MOBILE 9793453111 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	541.06 SQ.MT.
EIGHTH FLOOR AREA -	560.21 SQ.MT.
NINTH FLOOR AREA -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA -	5485.91 SQ.MT.

**NINTH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)**

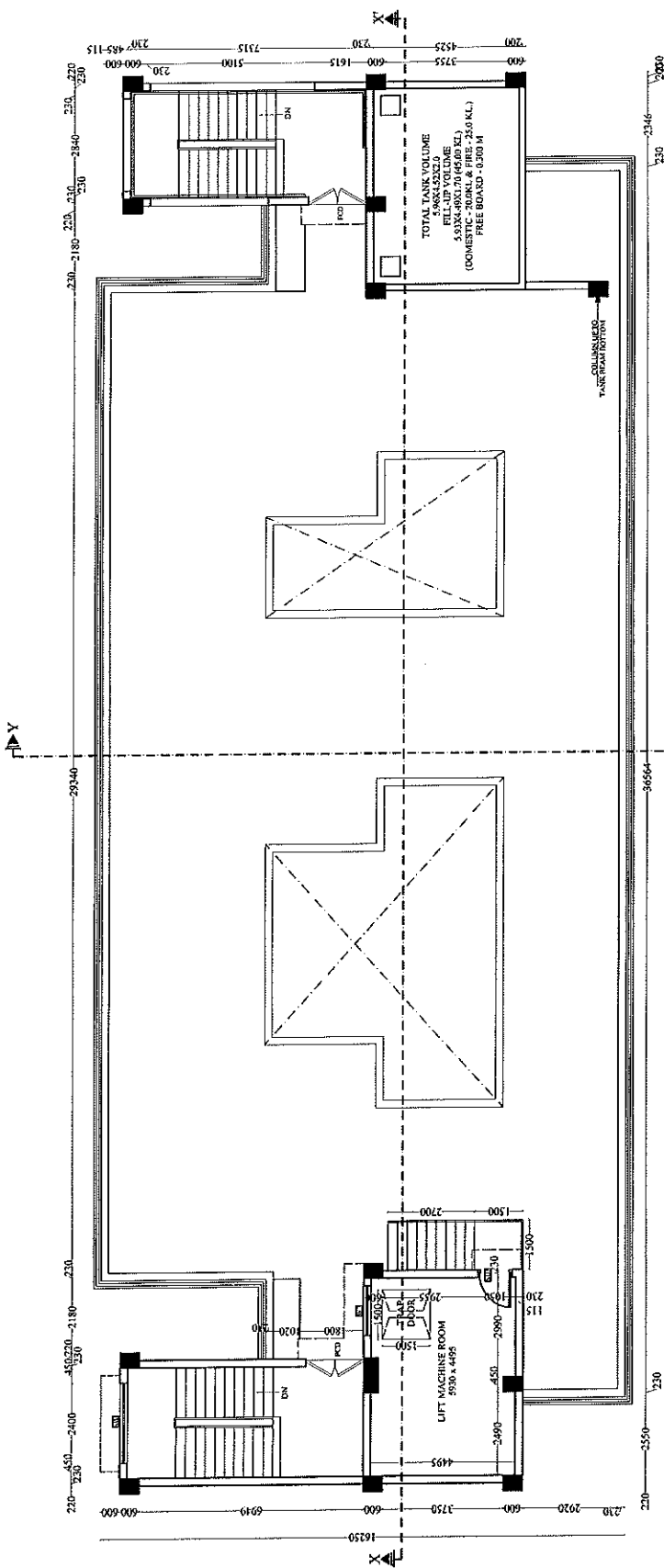
PRAPHULLA KUMAR GUPTA
(B. Arch., M.Plan)
CA 2008/1843652

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उपप्रभारी निगम
निर्माण इकाई आगरा

शुभ प्रकाश बाजपेयी
अभियन्ता (सिविल)
अभियन्ता निगम
उपप्रभारी निगम
निर्माण इकाई - आगरा

60 प्रभारी पुलिस आवास निगम लि.
निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- TERRACE FLOOR PLAN	
NOTES: 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED. 3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY BE DIFFERENT AFTER STAGE OF FURNITURE & TENDER DRAWINGS. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE CALCULATED ON THE BASIS OF SIZE AND POSITION WILL BE AS PER THE LOCALITY CODE & AS PER THE REQUIREMENT FOR THE STAIRS, LIFT, CHUTE, ETC. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. AREA CALCULATION IS MADE IN AS PER CODE 34612845. 8. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (HOME & EMERGENCY SERVICES DEPARTMENT).	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-11
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
ARCHITECTURAL CONSULTANT PRANSHU VERMA AR. PRAPHULLA GUPTA	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-30 SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226023. MOBILE-9795453511 swastikaarchitect@gmail.com	



COVERED AREA STATEMENT CHART

GROUND FLOOR AREA -	668.08 SQ.MT.
FIRST FLOOR AREA -	230.48 SQ.MT.
SECOND FLOOR AREA -	609.85 SQ.MT.
THIRD FLOOR AREA -	651.85 SQ.MT.
FOURTH FLOOR AREA -	571.52 SQ.MT.
FIFTH FLOOR AREA -	521.26 SQ.MT.
SIXTH FLOOR AREA -	521.26 SQ.MT.
SEVENTH FLOOR AREA -	521.26 SQ.MT.
EIGHTH FLOOR AREA -	541.06 SQ.MT.
NINTH FLOOR AREA -	560.21 SQ.MT.
MUMTY AREA X.2 -	58.46 SQ.MT.
MACHINE ROOM -	31.62 SQ.MT.
TOTAL FLOOR AREA-	5486.91 SQ.MT.

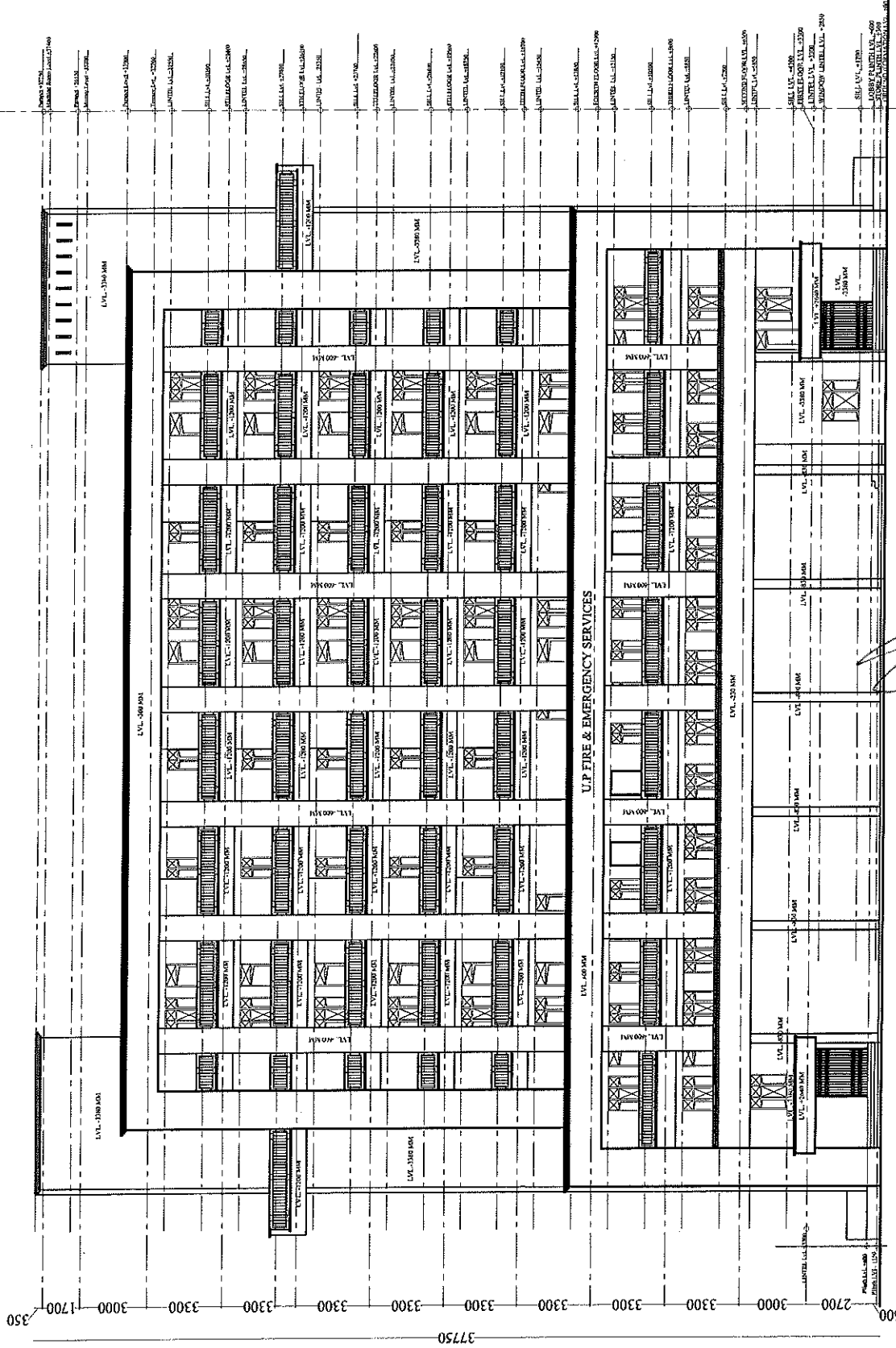
TERRACE PLAN

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश राजपूत
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

PRAPHULLA KUMAR GUPTA
(B.Arch, M-Plan)
CA/2008/43652

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- ELEVATION	
<p>NOTE:-</p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT BE SCALED. 3. THE PROPERTY OF MR. PRAPHULLA KUNAR GUPTA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. THE PROPERTY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIRED DUCT OTHER SERVICES CHUTE. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. AREA CALCULATION IS BASED ON PER IN CODE REQUIREMENT. 8. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (HOME & EMERGENCY SERVICES DEPARTMENT). 	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-12
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA / AR. PRAPHULLA GUPTA	
ARCHITECTURAL CONSULTANT	
<p>SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGR-110 SECTOR-JD SUSHANT GOLF CITY SHAHED PATHI LUCKNOW-226005. MOBILE-999545311 swastikaarchitect@gmail.com.</p>	



FRONT ELEVATION

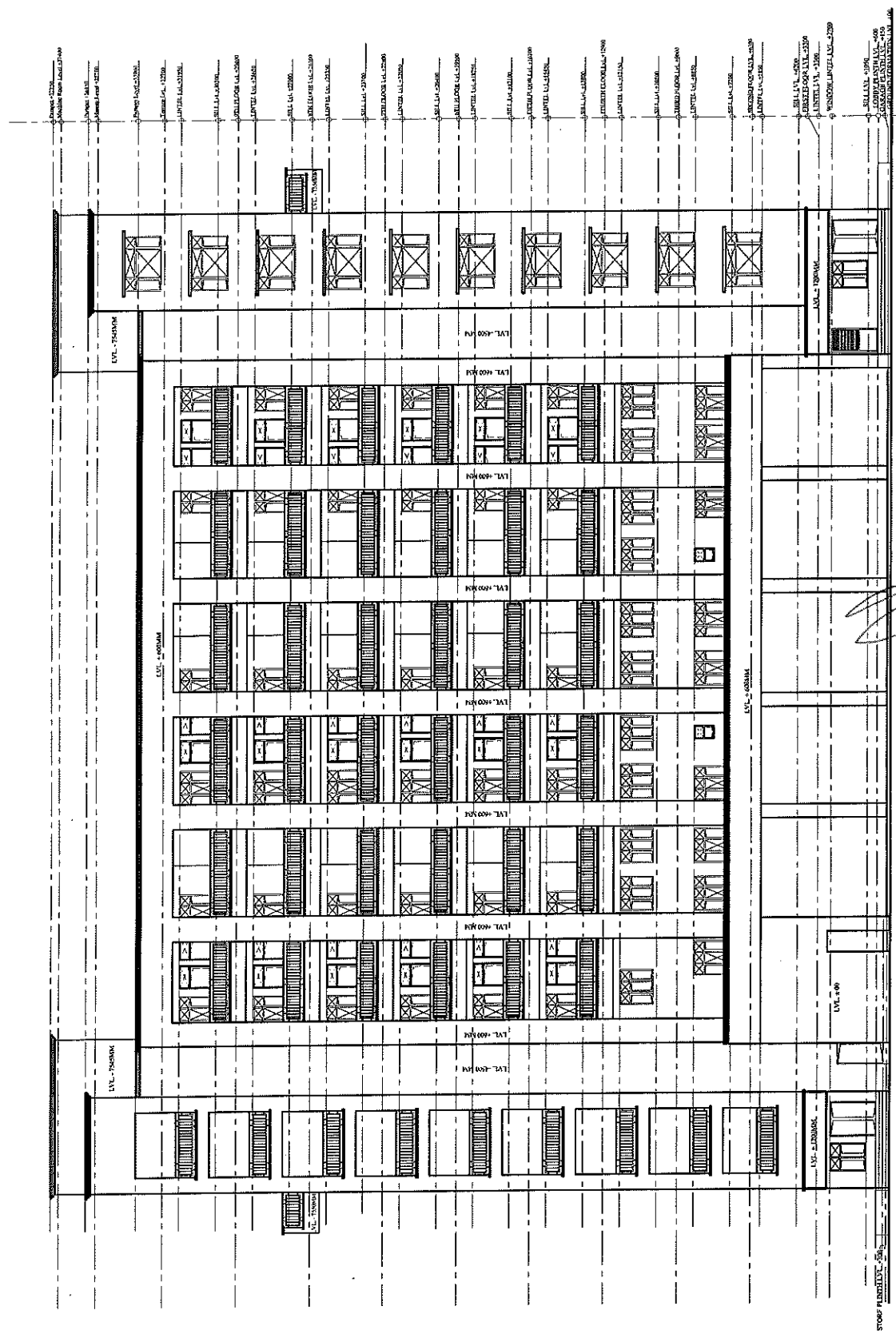
PRAPHULLA KUNAR GUPTA
(B.Arch, M.Plan)

CA/2008/48652

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उपप्रभु पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उपप्रभु पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उपप्रभु पुलिस आवास निगम
निर्माण इकाई आगरा

[illegible]

REAR ELEVATION

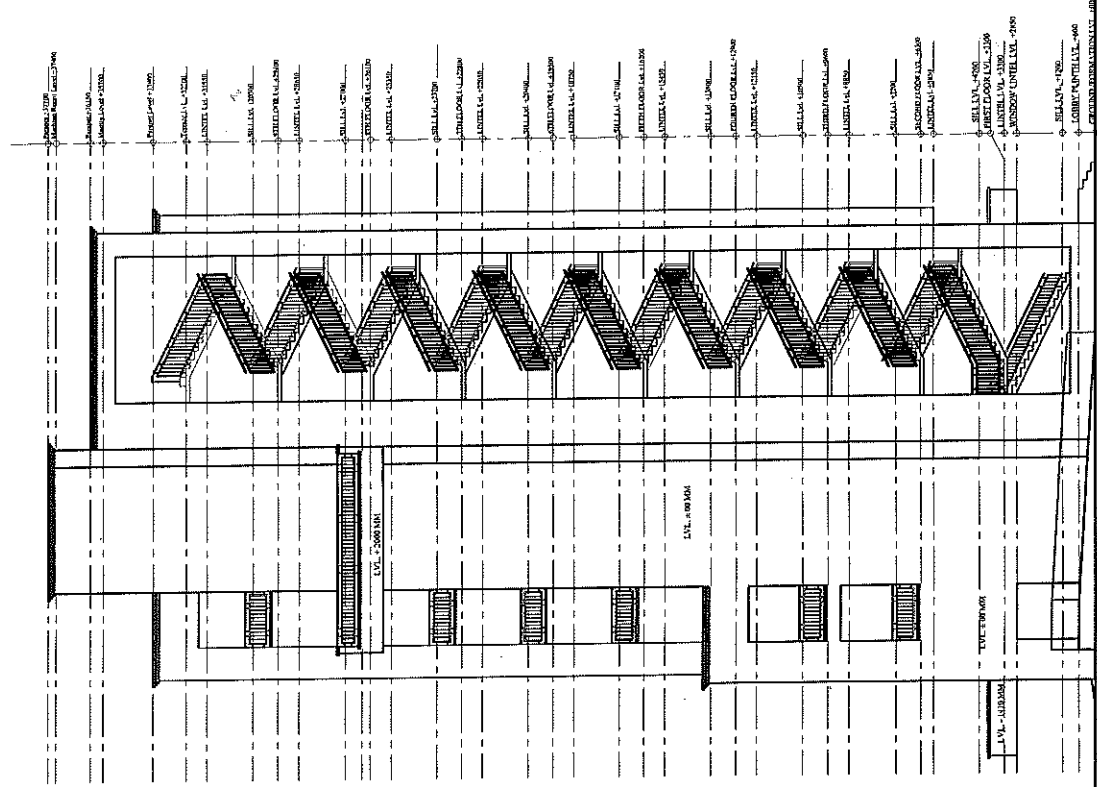
~~PRAPHULLA KUMAR GUTA~~

(B.Arch, M.Plan)
CA/2008/43652

अमरजीत चौहान
प्रमरी सहायक अभियन्ता
७०५० पुलिस आवास निगम
निर्माण इकाई आगरा

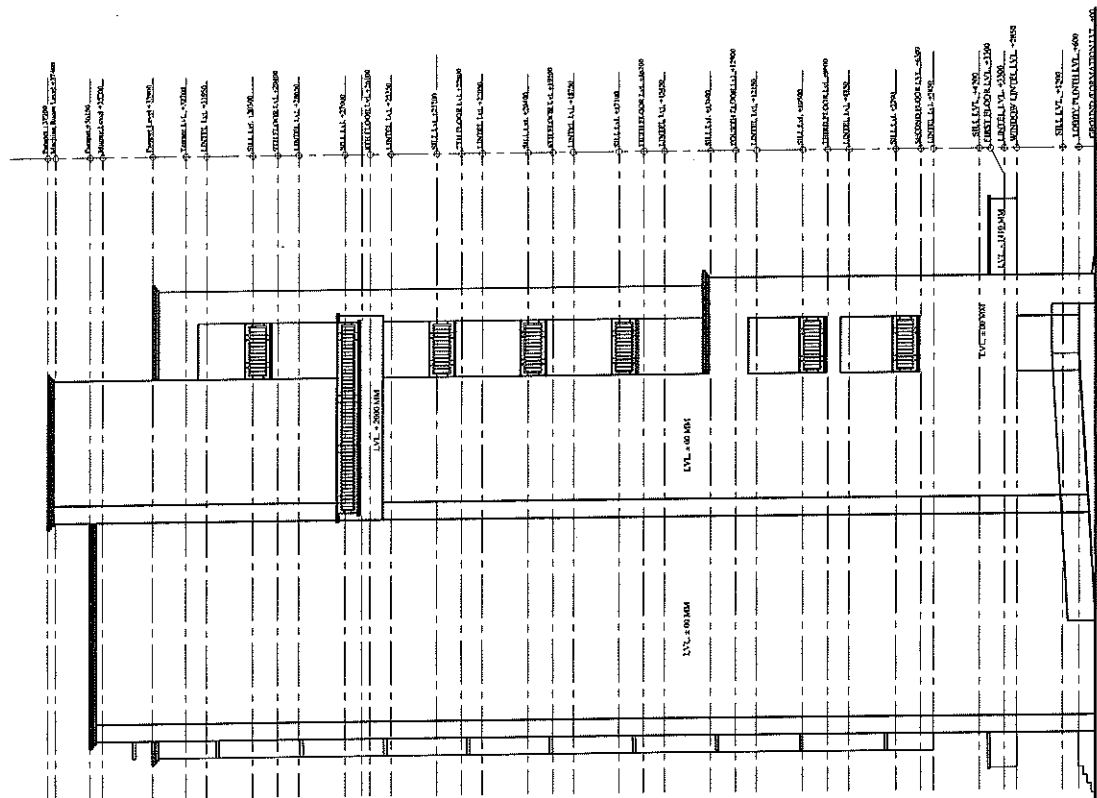
अवर अभियन्ता (सिविल),
क्र. प्र० पुलिस आवास निगम
निर्माण डकाई - आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- ELEVATIONS	
NOTES :- DIMENSIONS ARE IN MM 1. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED. 2. THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AFTER STAGE OF PRELIMINARY & TENDER DRAWINGS. 4. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 5. ALL AREA CALCULATION IS BASED ON AS PER IN CODE SPECIFICATION. 6. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (HOME & BURDENANCE SERVICES DEPARTMENT)	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :- DRG. NO. :- SCALE :- NORTH :- DEALT BY :- ARCHITECT :-	AR-14
PRANSHU VERMA (AR, PRAPHULLA GUPTA) ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226002. MOBILE-9795453511 swastikaarchitect@gmail.com	



LEFT SIDE ELEVATION

Signature



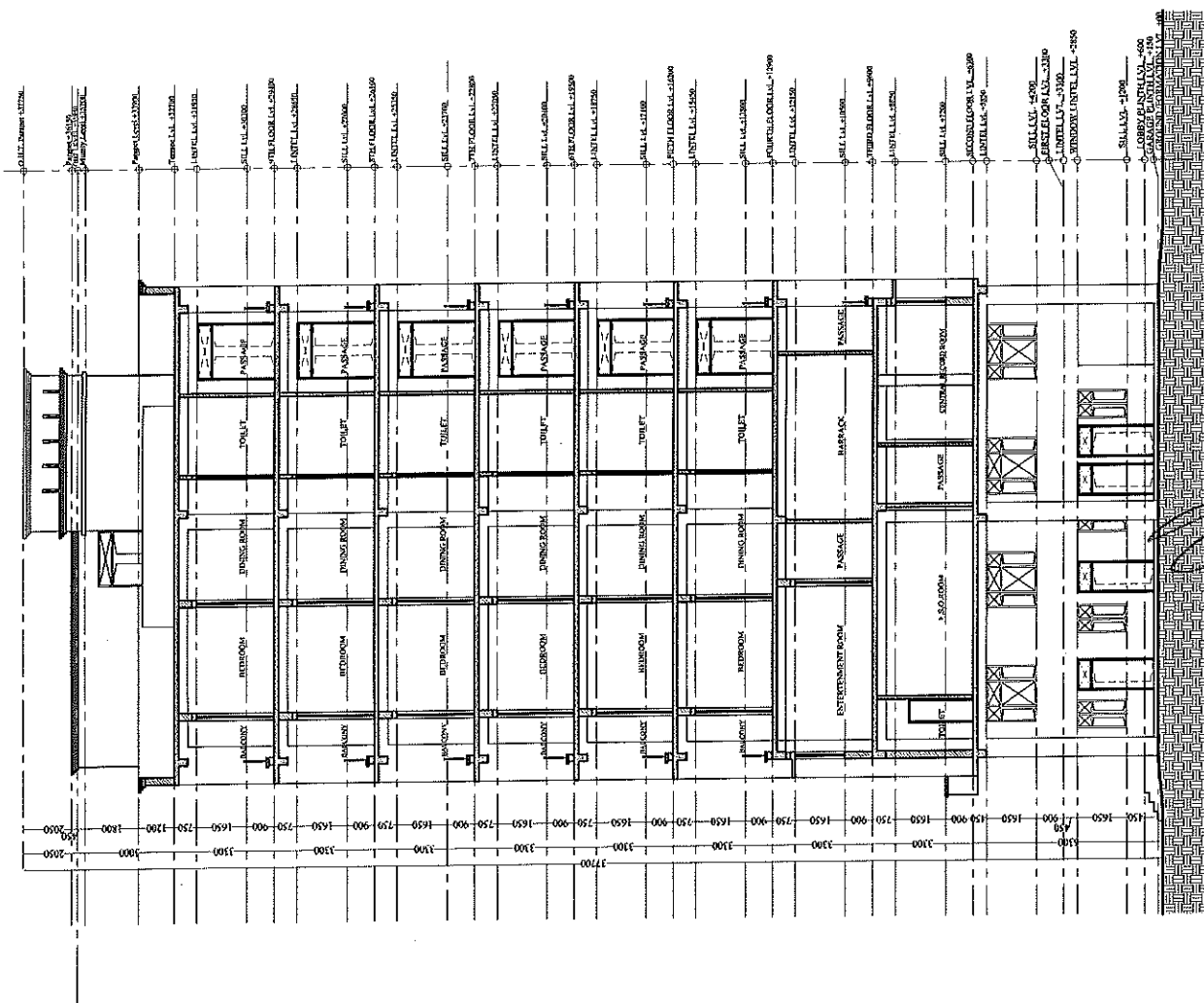
RIGHT SIDE ELEVATION

PRAPHULLA KUMAR GUPTA
(R.Arch. M. Plan)
CA/2018/43652
अमरजीत चौहान
प्रमोद नारायण अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमोद नारायण अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमोद नारायण अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KAGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- SECTION AT YY'	
NOTES :- 1. DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED. DRAWING NOT BE SCALED. 3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. ANY LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER REQUIREMENT OF THE ARCHITECT. 6. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. FINISH AREA CALCULATION IS BASED ON AS PER IN CODE REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT TYPE & URGENCY SERVICES DEPARTMENT.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-15
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA AR. PRAPHULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY SHAHED FATH LUCKNOW-226029. MOBILE-9793453511 swastikaarchitect@gmail.com	



SECTION AT YY'

इकाई प्रभारी

अमरजीत चौहान

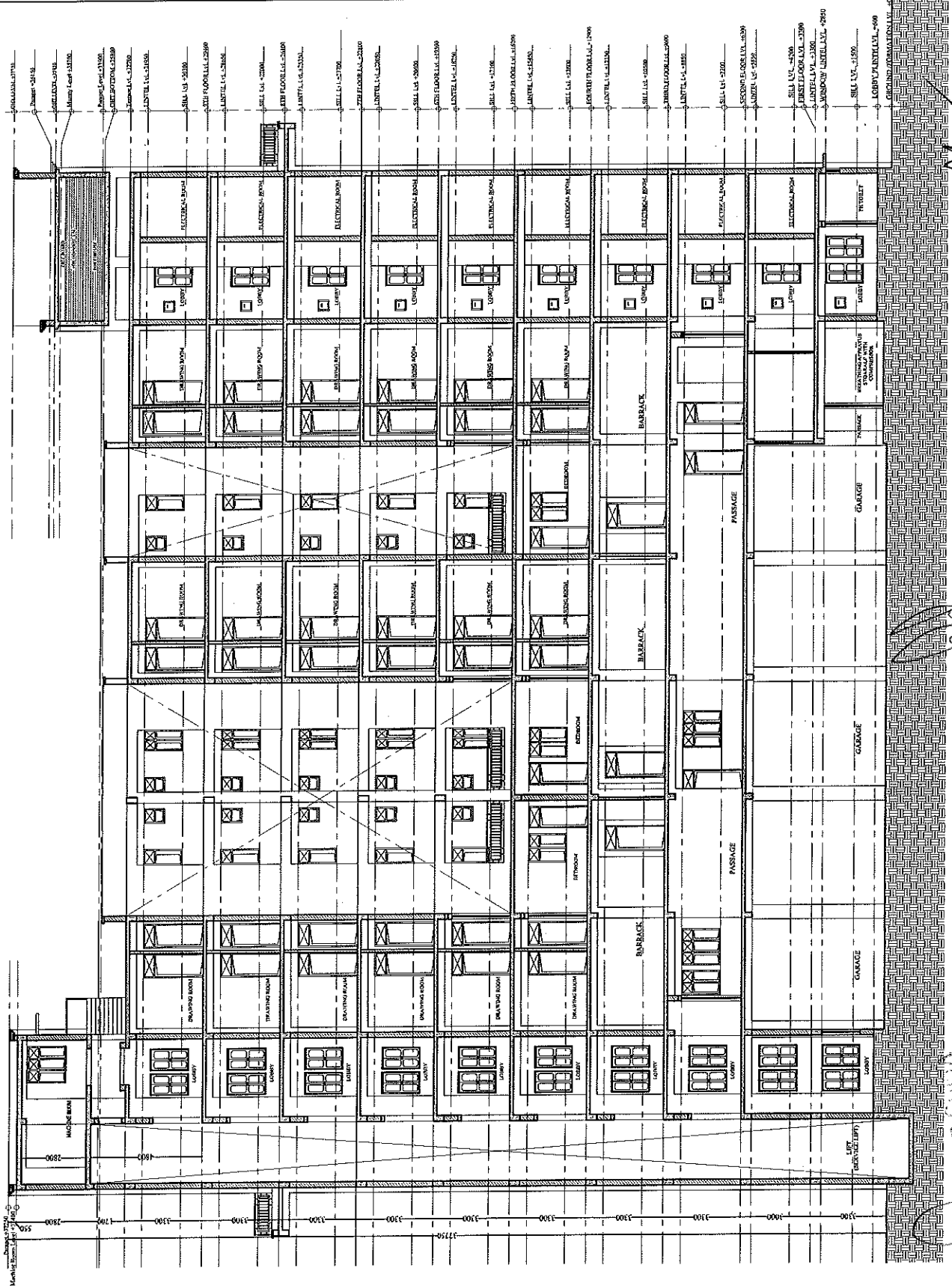
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

प्रभारी पदाधिकारी अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमर प्रकाश बोजपौर्या
अमर अभियन्ता (सिविल)

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Plan)
CN/2009/45652

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- SECTION AT XX	
<p>NOTES:-</p> <ol style="list-style-type: none">1. ALL DIMENSIONS ARE IN MM.2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED.3. THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PROPER PERMISSION TO THE ARCHITECT.4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.5. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY BE MADE AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR THE STRUCTURAL PURPOSES AND POSITION WILL BE AS PER THE REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT.8. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT FIRE & EMERGENCY SERVICES DEPARTMENT.	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :- DRG. NO. :- SCALE :- DEALT BY :-	AR-16 NORTH :- ARCHITECT :-
PRANSHU VERMA / AR. PRAPRIULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-10 SECTOR-D SUSHANT GOLF CITY SHARAD PATH LUCKNOW-226025. MOBILE-99543511 swastikaarchitect@gmail.com	



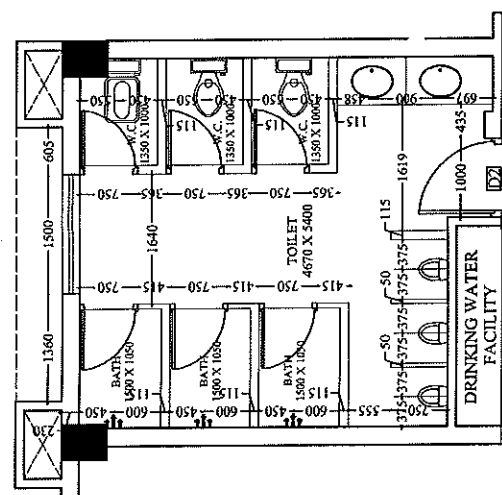
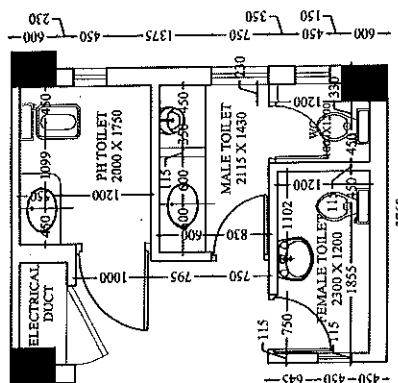
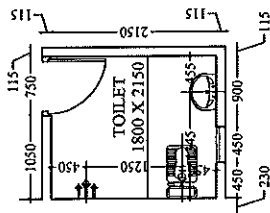
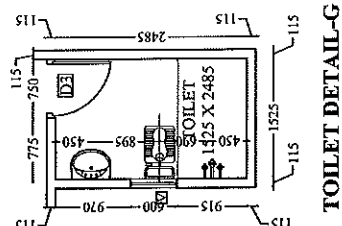
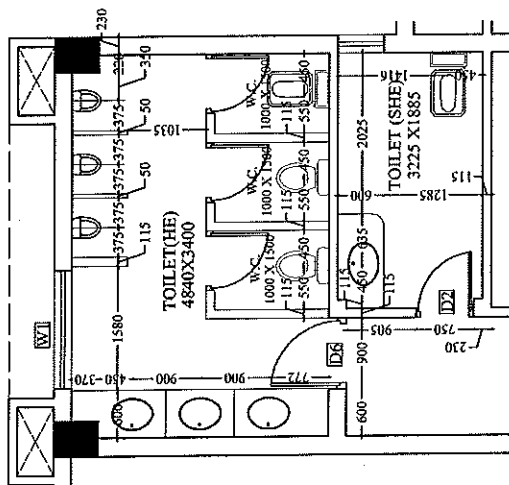
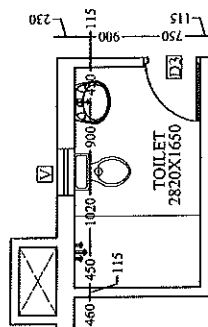
SECTION AT XX

अमरजीत चौहान
प्रमोदी सहस्रक अभियंता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अर अभियंता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

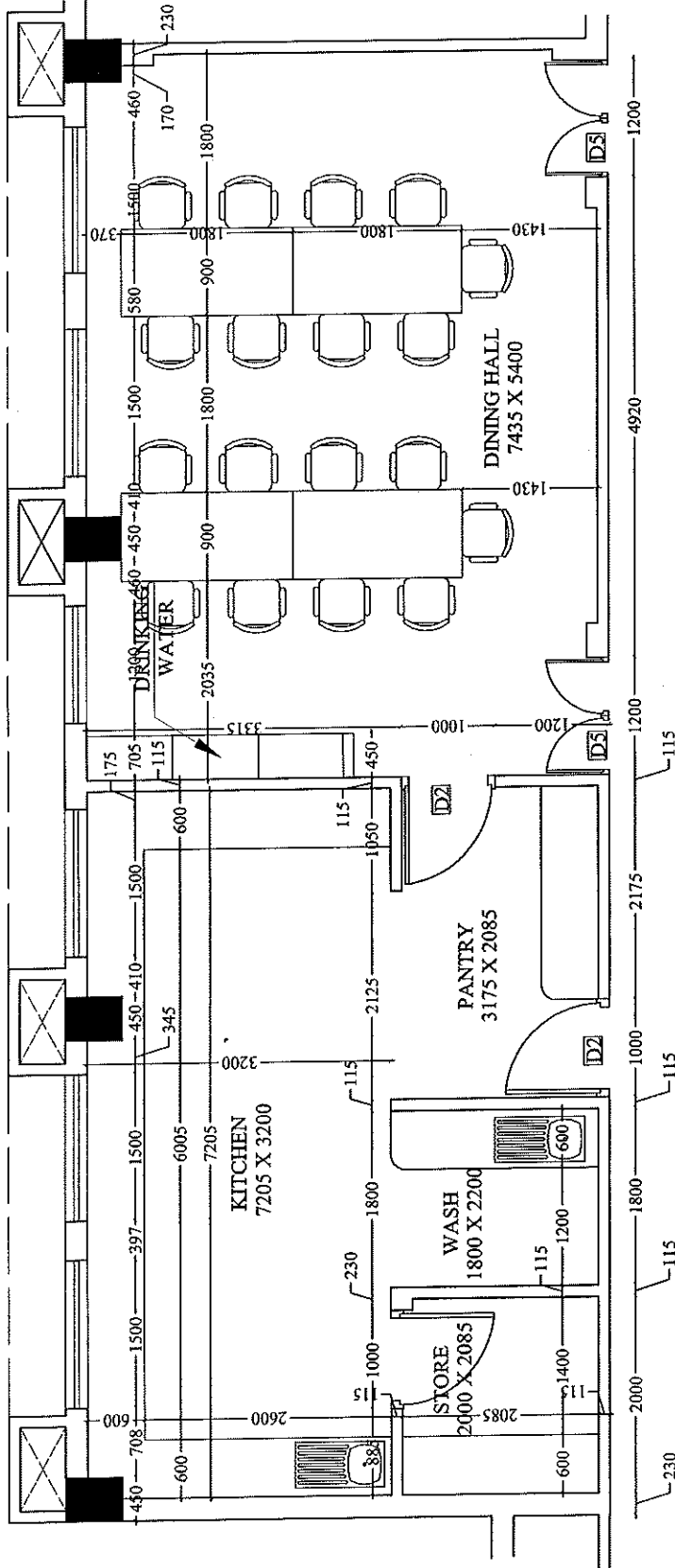
प्रमोदी सहस्रक अभियंता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रमोदी सहस्रक अभियंता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा



TOILET DETAIL-E

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- KITCHEN, WASH AREA, STORE ROOM, PANTRY DINING AREA	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THE SCALE OF THIS DRAWING IS TO BE FOLLOWED. DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE DEFECTS AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR REFERENCE ONLY. THE FINAL POSITION WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE DEFECTS AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S DRAWING (FIRE & EMERGENCY SERVICES DEPARTMENT).	
MANAGER/ARCHITECT :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-18
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT :-
PRANSHU VERMA / AR. PRAPHULLA GUPTA ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR - 20 SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-979453311 swastikaarchitect@gmail.com	



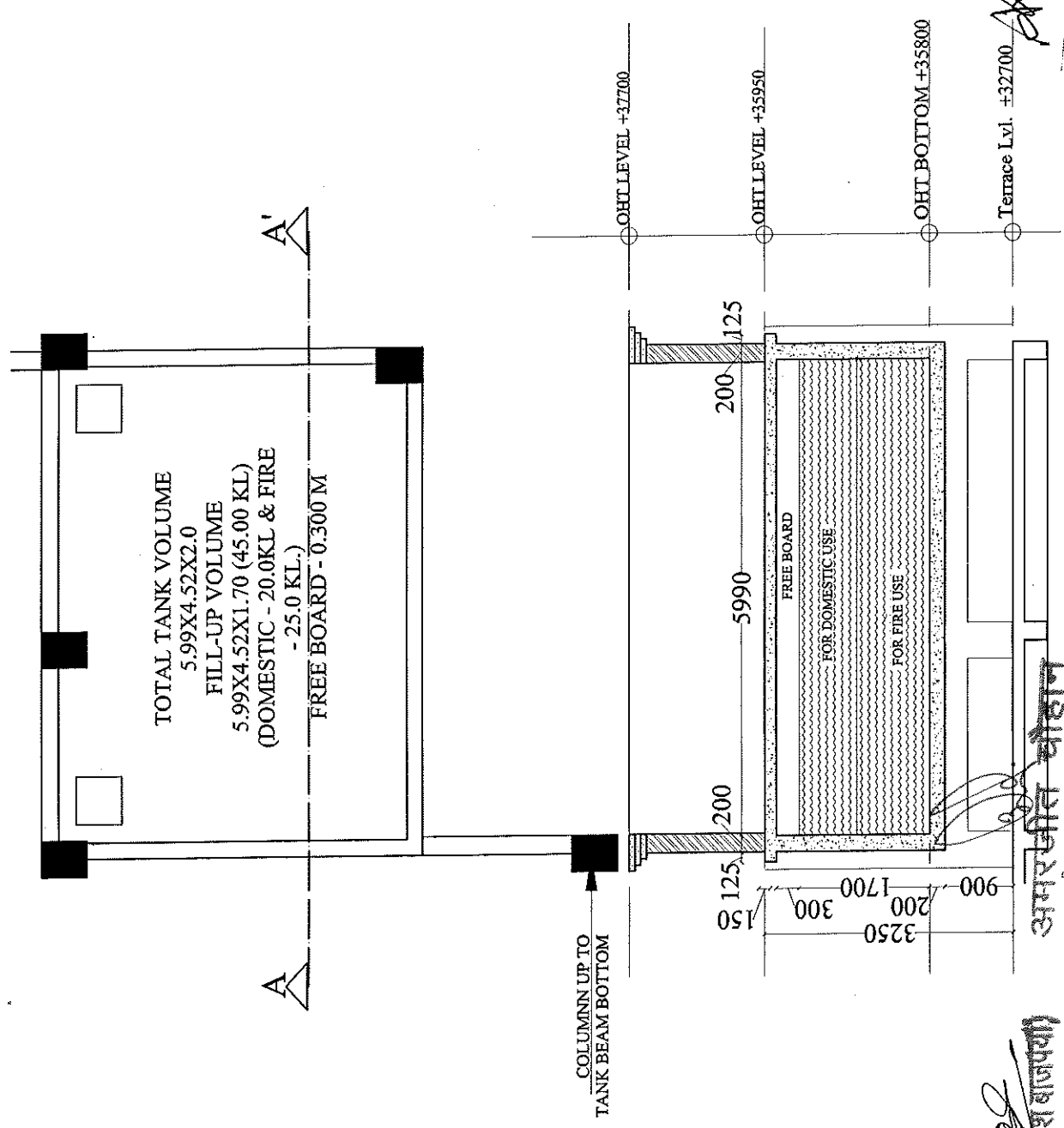
**KITCHEN, WASH AREA, STORE ROOM,
PANTRY DINING AREA**

PRAPHULLA KUNUR GUPTA
(B.A., M.A., M.Plan)
CAN/2008/45652

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANJ (U.P.)	
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	O.H.T. DETAIL
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THE DRAWING IS TO BE FOLLOWED, DRAWING NOT TO BE SCALED. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE DRAWING IS TO BE USED FOR THE PURPOSE ONLY AS SPECIFIED AT THE TIME OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLLISIONS SHOWN IN THE DRAWING ARE TO BE RECTIFIED BY THE ARCHITECT & THE PORTION WILL BE AS FOR THE STRUCTURE CONSULTANT. 7. OTHER ANY ACQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. ALL THE CALCULATION IS TO BE DONE ON A 1:100 SCALE. 9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT'S DRAWING IS TO BE FOLLOWED. 10. THE DRAWING IS TO BE USED FOR THE PURPOSE ONLY AS SPECIFIED AT THE TIME OF PRELIMINARY & TENDER DRAWINGS.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-19
SCALE :-	NORTH :-
DEALT BY: PRAMULLA KUMAR GUPTA (Branch, M/Plan) PRASHU VERMA & PRAMULLA GUPTA ARCHITECTURAL CONSULTANT, SOHGAH	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR, D. SUSHANT GOLF CITY SHARDED PATH LUCKNOW-226029. MOBILE-9794345311 swastikaarchitect@gmail.com	

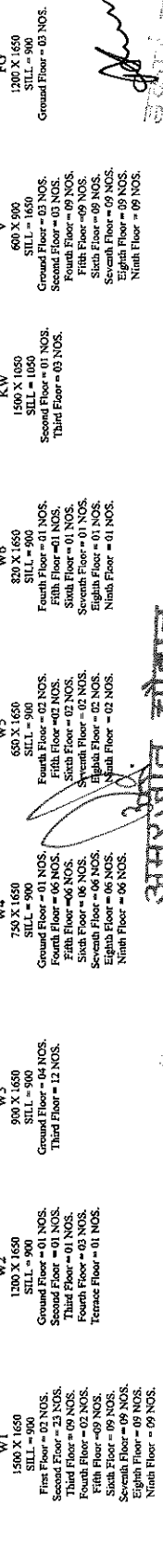


अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

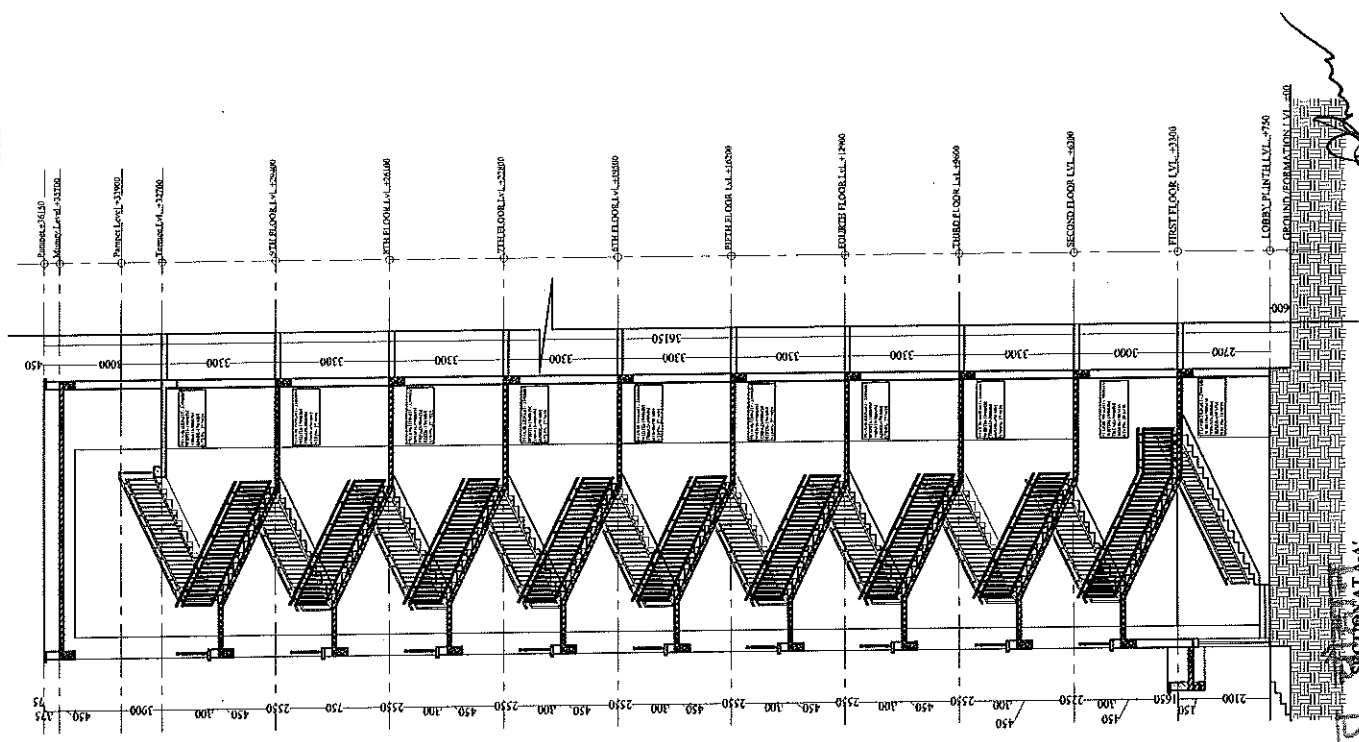
इकाई प्रमारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

अमरजीत चौहान
अमर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

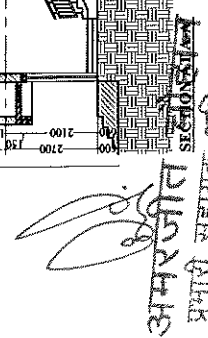
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR -D SUSHANT GOLF CITY
SHAHEED PATH LUCKNOW-226029.
MOBILE-9793453511
swastiknarchitect@gmail.com.



PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SOKAN, DIST.- KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- FIRE STAIRCASE DETAIL	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT TO BE USED FOR CONSTRUCTION. 3. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 5. THE ARCHITECT'S OFFICE SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE STAIRCASE DETAIL AREA MAY DIFFER AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 6. ALL THE COLUMNS SHOWN IN THE DRAWING ARE TO BE CONSTRUCTED AS PER THE REQUIREMENT OF THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. THE ARCHITECT'S OFFICE SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE STAIRCASE DETAIL AREA MAY DIFFER AT LATER STAGE OF PRELIMINARY & TENDER DRAWINGS. 9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT FIRE & EMERGENCY SERVICES DEPARTMENT.	
MANAGER (ARCH) :- G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-21
SCALE :-	NORTH :-
DEALT BY: ARCHITECT KUMAR GUPTA (B.Arch, N.M.A.) PRANSHU VERMA, ARCHITECT KUMAR GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-116 SECTOR-D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, MOBILE-9793435111 swastikaarchitect@gmail.com	



प्रभारी सहायक अभियंता
 ७०२० पुलिस आवारा निगम
 निर्माण इकाई आगरा



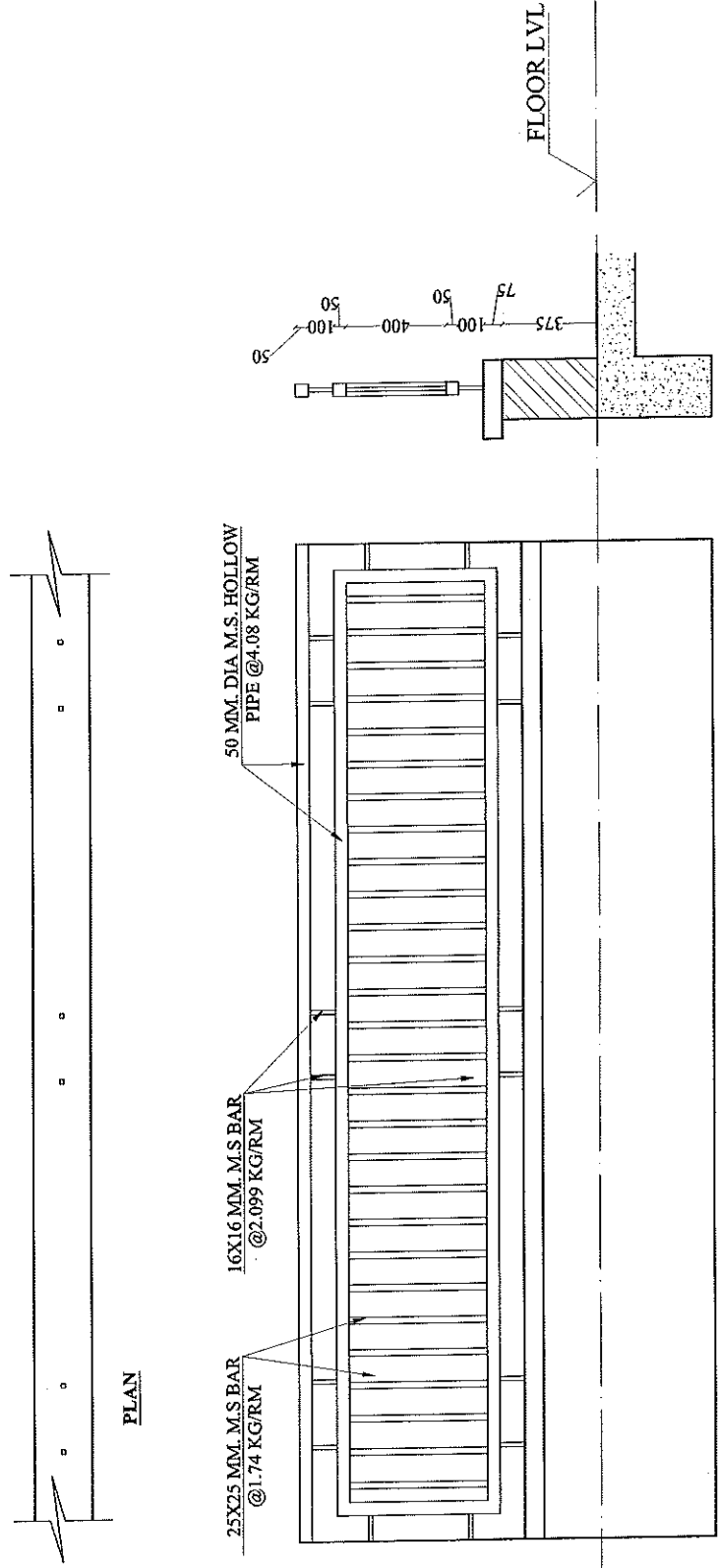
TERRACE FLOOR PLAN

**TYPICAL FLOOR PLAN
SECOND & NINTH FLOOR**

FIRST FLOOR PLAN

10246
CROINT ELOPPIAN

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST - KASGANI (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :- FIRE STATION (3/4 UNIT)	
DRG. TITLE :- RAILING DETAIL	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. 4. THE DRAWING IS FOR PRELIMINARY & TENDER PURPOSE ONLY. 5. DRAWINGS ARE SUBJECT TO CHANGE IN THE DRAWING. 6. ONLY THE DIMENSIONS ACTUALLY SHOWN WILL BE AS PER THE STRUCTURE CONSULTANT. 7. OTHER ANY REQUIRED DUCT OTHER SERVICES CHUTE SHALL BE PROVIDED AS PER THE CLIENT. 8. PLUMB LINE CALCULATION IS BASED ON AS PER IS CODE 9413:2002. 9. THE DRAWING IS FOR THE BUILDING AS PER THE CLIENT. 10. THE DRAWING IS FOR THE BUILDING AS PER THE CLIENT. 11. THE DRAWING IS FOR THE BUILDING AS PER THE CLIENT.	
MANAGER (ARCH) :-	G.M. :-
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-23
SCALE :-	NORTH :-
DEALT BY PRASHU VERMA (B.Arch, M.Plan) (B.Arch, M.Plan) ARCHITECTURAL CONSULTANT PRASHU VERMA (B.Arch, M.Plan) ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-4 AGF-110 SECTOR-D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226025, MOBILE-9793435111 swastikaarchitect@gmail.com	



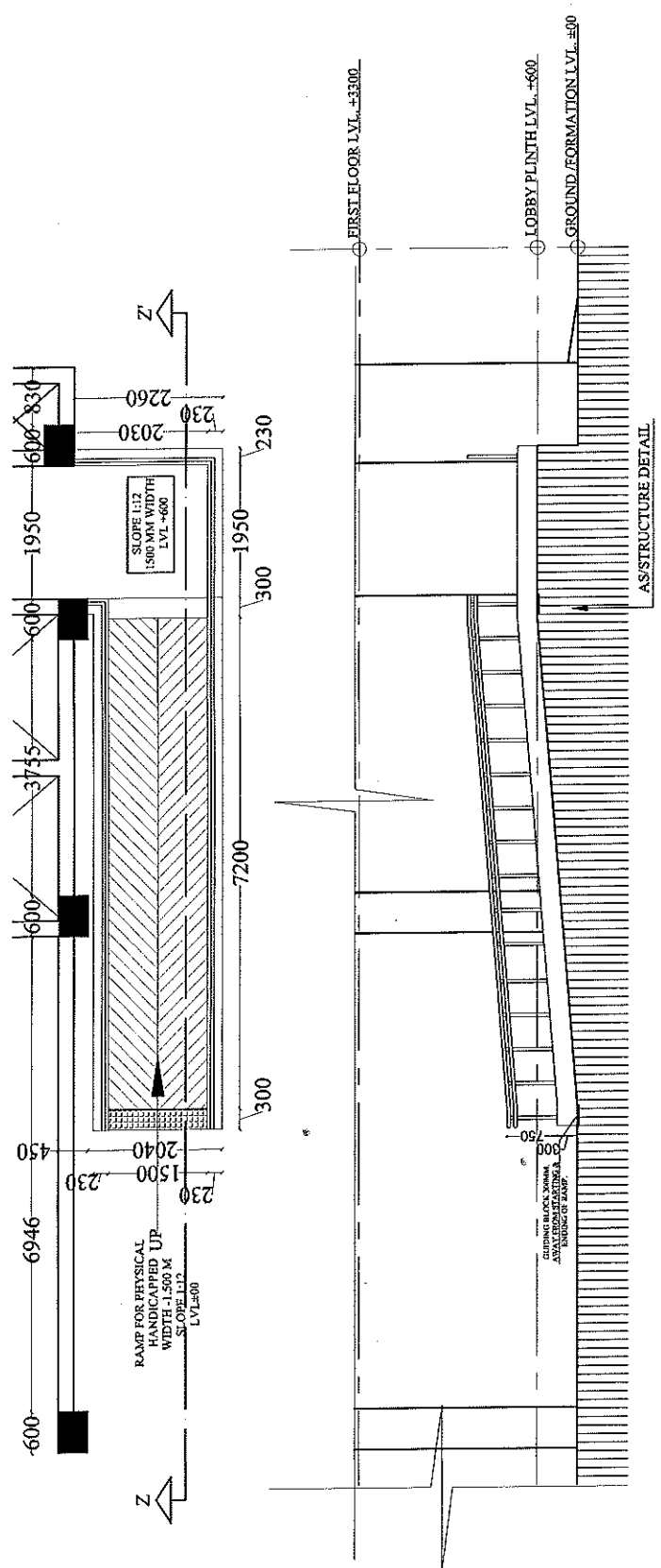
ELEVATION

RAILING DETAIL

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई अगरा

80 प्र० पुलिस आवास निगम
निर्माण इकाई अगरा

PROJECT :-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANJ (U.P.)
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	RAMP DETAIL
NOTES :-	<p>1. ALL DIMENSIONS ARE IN MM.</p> <p>2. THIS Dwg. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT.</p> <p>3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION.</p> <p>4. THE DRAWING IS FOR PRELIMINARY & TENDER DRAWINGS.</p> <p>5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR THE STRUCTURE CONSULTANT.</p> <p>6. OTHER ANY REQUIRED DUCT/OTHER SERVICES CHUTE FOR THE STRUCTURE CONSULTANT.</p> <p>7. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>8. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>9. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>10. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>11. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>12. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>13. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>14. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>15. PLINTH AREA CALCULATED ON PERIS CUBE.</p> <p>16. 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MANAGER (ARCH) :	G.M. :
CONSTRUCTION AGENCY	U.P. POLICE AWAS NIGAM LTD.
DATE :-	DRG. NO. :- AR-24
SCALE :	NORTH :-
DESIGNED BY :	ARCHITECT & INTERIOR DESIGNERS
ARCHITECTURAL CONSULTANT	PRANSHU VERMA ARCHITECTS
SWASTIKA	ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY	SHAHEED PATH LUCKNOW-226029,
MOBILE-9793455511	swastikaarchitect@gmail.com.



RAMP DETAIL

अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

50 प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

BUILDING :-

Notes:-
[Continued]

3) Do not accept any written dimensions are to be followed.

Q6. Clear cover of main reinforcement shall be as follows (a) Cast = 75 mm (b) column = 40 mm

9. Development length (L_d) for different dia meter of bars for concrete grade 30.3 & 40

excavation is per relevant depth.

[2] The structure has been designed for G.F. + 9 = 11 storey & Seismic zone - IV.

(1) The amount of business will be given later this week after

[Columns]

(d) For an portion of cost, below the beam shall be having as end, now.

(e) Vertical beam of rest position at top shall be extended upto top of beam as beam into beam.

11] For location of beams refer slab plan.

166] Overlaid in lines here shall be cement ridge beam & in bottom bars shall be reinforcement at 12" max. 3 feet of bars shall be provided in a layer of 230 mm wide beam.

10. How does the structure of beavers' skulls help them survive in their habitat?
The beaver's skull is very strong and has a large, flat surface for chewing.

(2) A licensee because there shall be carried in L 7 of upon its return in type, motion of plate.

which ever is best within the (Act of Oligarchy)

[Masonry work]

o David M. Peters, 661 N. 1st St., Suite 10, Minneapolis, MN 55401, 612-338-1111.

References : IS-456 - 2000, IS-13920 : 2016, IS-1893 Part (I) : 2016, SP-16, S.

[illegible]

Sheet Title:

[illegible]

U.P. POLICE AWAS NIGAM LTD.

SWASTIKA

SHAHEED PATH LUCKNOW-226079,

Vacuum Pump **Microswitch**

Designed:	WILLIAM A. ELLIOT '17
Checked:	FR. SIMEON KUMAR

Scale	NTS
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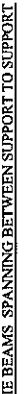
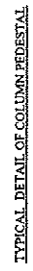
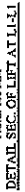
STRUCTURAL CONSULTANTS:-

STRUCTURAL ENGINEERS COUNCIL OF SOUTHERN CALIFORNIA

Ph: 09475 088199, 400950209, email:- marketing@mgm.com
web site:- www.mgmconstruction.co.in

Figure 1. The effect of the concentration of the polymer on the gelation time of the polymer solution. The concentration of the polymer was 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0, 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8, 3.9, 4.0, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 5.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 9.0, 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8, 9.9, 10.0, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11.0, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 12.0, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.9, 13.0, 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0, 15.1, 15.2, 15.3, 15.4, 15.5, 15.6, 15.7, 15.8, 15.9, 16.0, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 16.8, 16.9, 17.0, 17.1, 17.2, 17.3, 17.4, 17.5, 17.6, 17.7, 17.8, 17.9, 18.0, 18.1, 18.2, 18.3, 18.4, 18.5, 18.6, 18.7, 18.8, 18.9, 19.0, 19.1, 19.2, 19.3, 19.4, 19.5, 19.6, 19.7, 19.8, 19.9, 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 20.6, 20.7, 20.8, 20.9, 21.0, 21.1, 21.2, 21.3, 21.4, 21.5, 21.6, 21.7, 21.8, 21.9, 22.0, 22.1, 22.2, 22.3, 22.4, 22.5, 22.6, 22.7, 22.8, 22.9, 23.0, 23.1, 23.2, 23.3, 23.4, 23.5, 23.6, 23.7, 23.8, 23.9, 24.0, 24.1, 24.2, 24.3, 24.4, 24.5, 24.6, 24.7, 24.8, 24.9, 25.0, 25.1, 25.2, 25.3, 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 26.0, 26.1, 26.2, 26.3, 26.4, 26.5, 26.6, 26.7, 26.8, 26.9, 27.0, 27.1, 27.2, 27.3, 27.4, 27.5, 27.6, 27.7, 27.8, 27.9, 28.0, 28.1, 28.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.9, 29.0, 29.1, 29.2, 29.3, 29.4, 29.5, 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, 31.0, 31.1, 31.2, 31.3, 31.4, 31.5, 31.6, 31.7, 31.8, 31.9, 32.0, 32.1, 32.2, 32.3, 32.4, 32.5, 32.6, 32.7, 32.8, 32.9, 33.0, 33.1, 33.2, 33.3, 33.4, 33.5, 33.6, 33.7, 33.8, 33.9, 34.0, 34.1, 34.2, 34.3, 34.4, 34.5, 34.6, 34.7, 34.8, 34.9, 35.0, 35.1, 35.2, 35.3, 35.4, 35.5, 35.6, 35.7, 35.8, 35.9, 36.0, 36.1, 36.2, 36.3, 36.4, 36.5, 36.6, 36.7, 36.8, 36.9, 37.0, 37.1, 37.2, 37.3, 37.4, 37.5, 37.6, 37.7, 37.8, 37.9, 38.0, 38.1, 38.2, 38.3, 38.4, 38.5, 38.6, 38.7, 38.8, 38.9, 39.0, 39.1, 39.2, 39.3, 39.4, 39.5, 39.6, 39.7, 39.8, 39.9, 40.0, 40.1, 40.2, 40.3, 40.4, 40.5, 40.6, 40.7, 40.8, 40.9, 41.0, 41.1, 41.2, 41.3, 41.4, 41.5, 41.6, 41.7, 41.8, 41.9, 42.0, 42.1, 42.2, 42.3, 42.4, 42.5, 42.6, 42.7, 42.8, 42.9, 43.0, 43.1, 43.2, 43.3, 43.4, 43.5, 43.6, 43.7, 43.8, 43.9, 44.0, 44.1, 44.2, 44.3, 44.4, 44.5, 44.6, 44.7, 44.8, 44.9, 45.0, 45.1, 45.2, 45.3, 45.4, 45.5, 45.6, 45.7, 45.8, 45.9, 46.0, 46.1, 46.2, 46.3, 46.4, 46.5, 46.6, 46.7, 46.8, 46.9, 47.0, 47.1, 47.2, 47.3, 47.4, 47.5, 47.6, 47.7, 47.8, 47.9, 48.0, 48.1, 48.2, 48.3, 48.4, 48.5, 48.6, 48.7, 48.8, 48.9, 49.0, 49.1, 49.2, 49.3, 49.4, 49.5, 49.6, 49.7, 49.8, 49.9, 50.0, 50.1, 50.2, 50.3, 50.4, 50.5, 50.6, 50.7, 50.8, 50.9, 51.0, 51.1, 51.2, 51.3, 51.4, 51.5, 51.6, 51.7, 51.8, 51.9, 52.0, 52.1, 52.2, 52.3, 52.4, 52.5, 52.6, 52.7, 52.8, 52.9, 53.0, 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7, 53.8, 53.9, 54.0, 54.1, 54.2, 54.3, 54.4, 54.5, 54.6, 54.7, 54.8, 54.9, 55.0, 55.1, 55.2, 55.3, 55.4, 55.5, 55.6, 55.7, 55.8, 55.9, 56.0, 56.1, 56.2, 56.3, 56.4, 56.5, 56.6, 56.7, 56.8, 56.9, 57.0, 57.1, 57.2, 57.3, 57.4, 57.5, 57.6, 57.7, 57.8, 57.9, 58.0, 58.1, 58.2, 58.3, 58.4, 58.5, 58.6, 58.7, 58.8, 58.9, 59.0, 59.1, 59.2, 59.3, 59.4, 59.5, 59.6, 59.7, 59.8, 59.9, 60.0, 60.1, 60.2, 60.3, 60.4, 60.5, 60.6, 60.7, 60.8, 60.9, 61.0, 61.1, 61.2, 61.3, 61.4, 61.5, 61.6, 61.7, 61.8, 61.9, 62.0, 62.1, 62.2, 62.3, 62.4, 62.5, 62.6, 62.7, 62.8, 62.9, 63.0, 63.1, 63.2, 63.3, 63.4, 63.5, 63.6, 63.7, 63.8, 63.9, 64.0, 64.1, 64.2, 64.3, 64.4, 64.5, 64.6, 64.7, 64.8, 64.9, 65.0, 65.1, 65.2, 65.3, 65.4, 65.5, 65.6, 65.7, 65.8, 65.9, 66.0, 66.1, 66.2, 66.3, 66.4, 66.5, 66.6, 66.7, 66.8, 66.9, 67.0, 67.1, 67.2, 67.3, 67.4, 67.5, 67.6, 67.7, 67.8, 67.9, 68.0, 68.1, 68.2, 68.3, 68.4, 68.5, 68.6, 68.7, 68.8, 68.9, 69.0, 69.1, 69.2, 69.3, 69.4,

1



BEAM	LONGITUDINAL REINFORCEMENT	STRUTS
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SR. NO.	BEAM NO.	BEAM SIZE		TOP FACE REINFORCEMENT			LONGITUDINAL REINFORCEMENT			STIRRUPS			SIDE FACE REINFORCEMENT (ON FACE PAGES)
		W	D	As1 (Thru at Top)	As2 (Extra at Top)	As3 (Extra at Bottom)	As4 (Thru at support)	As5 (Extra at middle)	END ZONE 21 STPS	MIDDLE ZONE	START ZONE 48 @ 100c/c		
1	TB1	230	450	3#160	-	2#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	
2	TB2	230	450	3#160	-	3#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	
3	TB3	230	450	2#160	-	2#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	
4	TB4	230	450	3#160	-	3#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	
5	TB5	230	450	3#160	-	3#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	
6	TB6	230	450	3#160	-	3#160	-	-	48 @ 100c/c	48 @ 150c/c	-	-	

CONFIRMING TO IS 456 - 2000

S.N.	ITEM	GRADE OF CONCRETE
1	Foundation & Column Foundations 1st to Third Floor 1st	M 35
2	Column Fourth floor 1st, to above all floor 1st	M 30
3	Beams & Slab of Ground, First & Second floor Roof 1st	M 35
4	Beams & Slab of Third floor roof & above all floors roof	M 30



प्रगरी सहायक अभियन्ता
ब०प्र० पुलिस आवस निगम
निर्याण इकाई आगरा

पुलिस आवास निगम
पुलिस आवास निगम

DETAIL OF COLUMN REINFORCEMENT

(1) COL. AT GROUND & FIRST FLOOR CONC. MDX M 35)

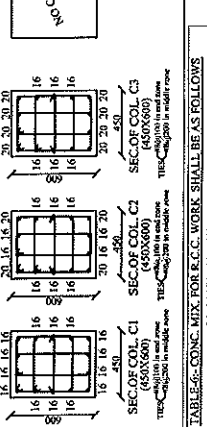
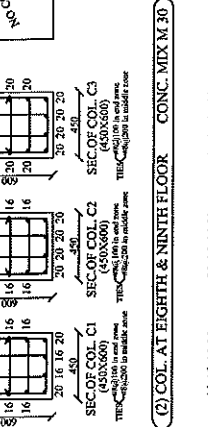
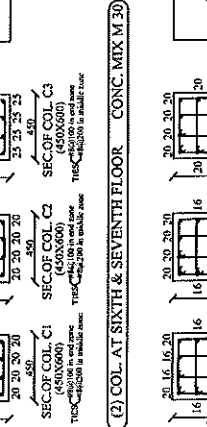
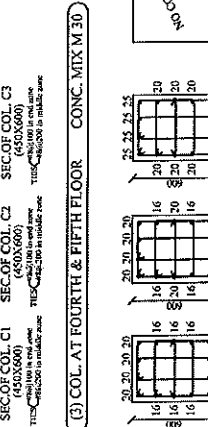
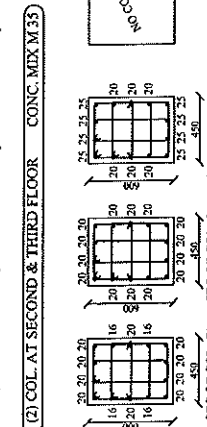
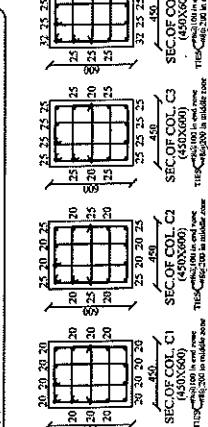
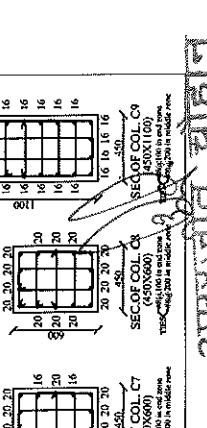
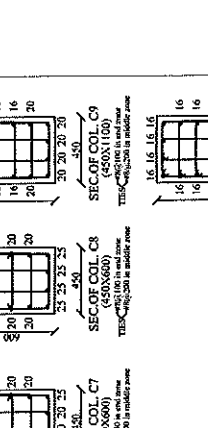
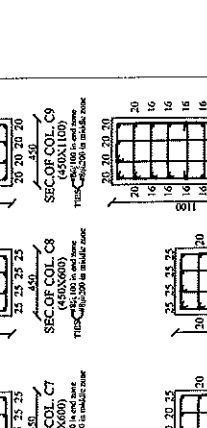
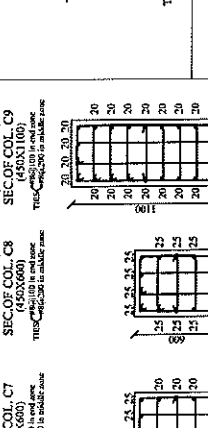
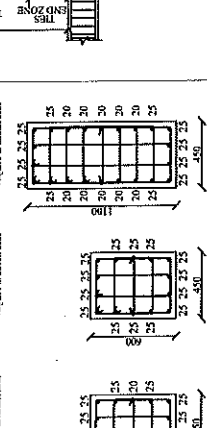
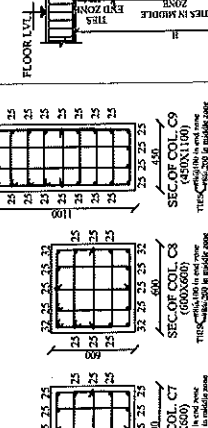


TABLE 6-CONC. MIX. FOR R.C.C. WORK SHALL BE AS FOLLOWS

CONFORMING TO IS 456 - 2000			GRADE OF CONC
S.N.	ITEM		
1	Foundations & Columns	Foundation to 1st Floor	M 35
2	Column	4th floor to 1st floor	M 30
3	Beams & Slab	Ground, 1st & 2nd floor	M 35
4	Beams & Slab	3rd floor to 1st floor	M 30

[illegible]

1



100

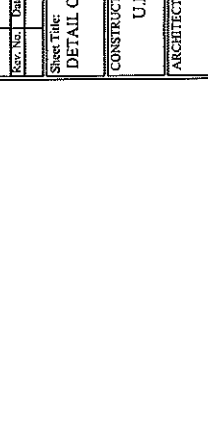
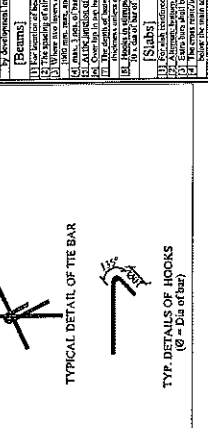
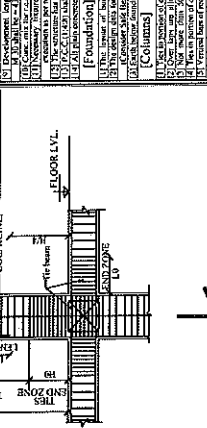
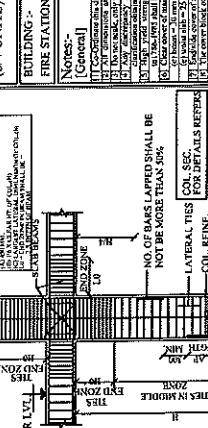
अमरजात वाहन
प्रभारी सहायक अभियन्ता
ड0प्र0 पुलिस आवास निगम
डिप्टी कमिश्नर, अमरावती

Figure 1. The distribution of the number of children in the family. The x-axis represents the number of children (0 to 10), and the y-axis represents the percentage of families (0% to 100%). The distribution is skewed to the right, with a peak at 1 child (approximately 45%).

PROPOSED

(3/4 UNITS)

**GROUND ZERO OF COTL SHALL BE LARGELY
OF POLYETHYLENE**



二

Subject No. _____
STRUCTURE


प्रकार प्रमाण
७० प्र० पुलिस आवास निष्कर्ष आग

PROJECT

PROPOSED CONSTRUCTION OF FIRE STATION
(3/4 UNITS) AT SARON DISTT. - KASGANJ I.P.

[illegible][illegible][illegible][illegible]

Rev. No.	Date	By	For	Issued to
REVISIONS				
Sheet Title: DETAIL OF COLUMN				
CONSTRUCTION AGENCY: U.P. POLICE AWAS NIGAM LTD.				
ARCHITECT SWASTIKA				

Drawn By	Himanshu		SURNAME & STAMP OF CONSULTANT
Designed:	Er. Priya Verma		
Checked:	Er. Surpreet Kumar		
Dated	5th 2026		
Scale	N T S		
Sheet No.	ST-03		

STN		
STN		

Project No.	ST-03	(SIGNATURE & STAMP OF CONSULTANT)
-------------	-------	-----------------------------------

STRUCTURAL CONSULTANTS:-

PRATAP MATRIX STRUCTURAL ENGINEERS CONSULTANTS

(STRUCTURAL ENGINEERS CONSULTANTS)

1/125, Vikram Khand, Gomi Nagar, Lucknow-226 001 Uttar Pradesh.

ph. - 09473708819, 07007905269, email:- matrixstructure@gmail.com
web site:- www.matrixstructure.co.in

PROJECT
PROPOSED CONSTRUCTION OF FIRE STATION
(3/4 UNITS) AT SARON DISTT. - KASGANJ, U.P.

BUILDING :-
FIRE STATION

Notes:-
[General]

[illegible]

[Foundation]

(3) The design and the construction shall be determined through the report prepared by the contractor.

[Columns]
(1) Use as pointer of cell & beam function that is active in the cell.
(2) Overlaps are utilized only at middle zone of the columns.

- 3) Not more than 50 % of barn shall be lapped at a section and laps shall be staggered.
- 4) Ties in portions of oak, below two barns shall be using steel rods.
- 5) Vertical beams of roof columns at top slab shall be extended upto top of beam & bent into beam.

[Beams]
of seven/pouch eight.

2) The spacing of stopwings at crosshairs should not exceed 1/10 mm, etc.

(c) max. 3 nos. of bars shall be provided in a layer of 2.0 mm wide beam.

(2) The depth of beam notched with slots as specified in schedule shall be inclusive of slots thickness unless otherwise specified.

(3) Holes in members of beams shall be permitted inside of 1.5" & length of holes shall be

10 x dia of bar of stirrups

[Slabs]

21. The above information shall not be used for any other purpose.

22. A legible bottom line shall be supplied at 7.7 if it is shown in typ. section of slab.

23. Extra bars shall be provided at top face as shown in typ. section of slab.

24. The cross reinforcement shall be provided at top face of slab. The reinforcement is to be provided in the

(5) The first main bar of a slab shall be placed at 16" r/c, or half the spacing specified, whichever is less, from the face of support.

[Masonry work]

2) The vertical face of connection at junction of wall & rcc member shall be raised to give a

Please indicate on the questionnaire during which time the individuals who submitted the information were present.
 back of this moment.

10

References : IS 456 - 2000, IS - 13920 : 2016, IS - 1893 Part (I) : 2016, SP-16, SP-34

[illegible]

Rev. No.	Date	Brief Record	Issued to

DIVISIONS

Sheet Title:	REVISIONS
--------------	-----------

DETAIL OF FOURTH & FIFTH FLOOR
ROOF SLAB

CONSTRUCTION AGENCY:

U.P. POLICE AWAS NIGAM LTD.

ARCHITECT
CIVIL & STRUCTURAL

SWAS IINA
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR-D SUSHANT GULF CITY
SHAHEED PATH LUCKNOW-226029,
MOBILE 9782452511

MOBILE: 9793433511
swastikaarchitect@gmail.com,

Drawn By	Humanshu
----------	----------

Designed:	Er. Priya Varma
Checked:	Er. Surjeet Kumar

	Dated	Feb. 2026
--	-------	-----------

Scale	NTS
Sheet No.	1 of 1
(SIGNATURE & STAMP OF CONSULTANT)	

STRUCTURAL CONSULTANTS:-

FRAME MATRIX STRUCTURE

STRUCTURAL ENGINEERS CONSULTANTS

TEL: +91 7707905269, email:- matrixstructures@gmail.com
web site:- www.matrixstructures.co.in

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

www.biodidactic.org

BEAM FRAMING PLAN & DETAIL OF SLAB AT FOURTH FLOOR ROOF LVL.
(i.e. slab at fifth floor lvl.)

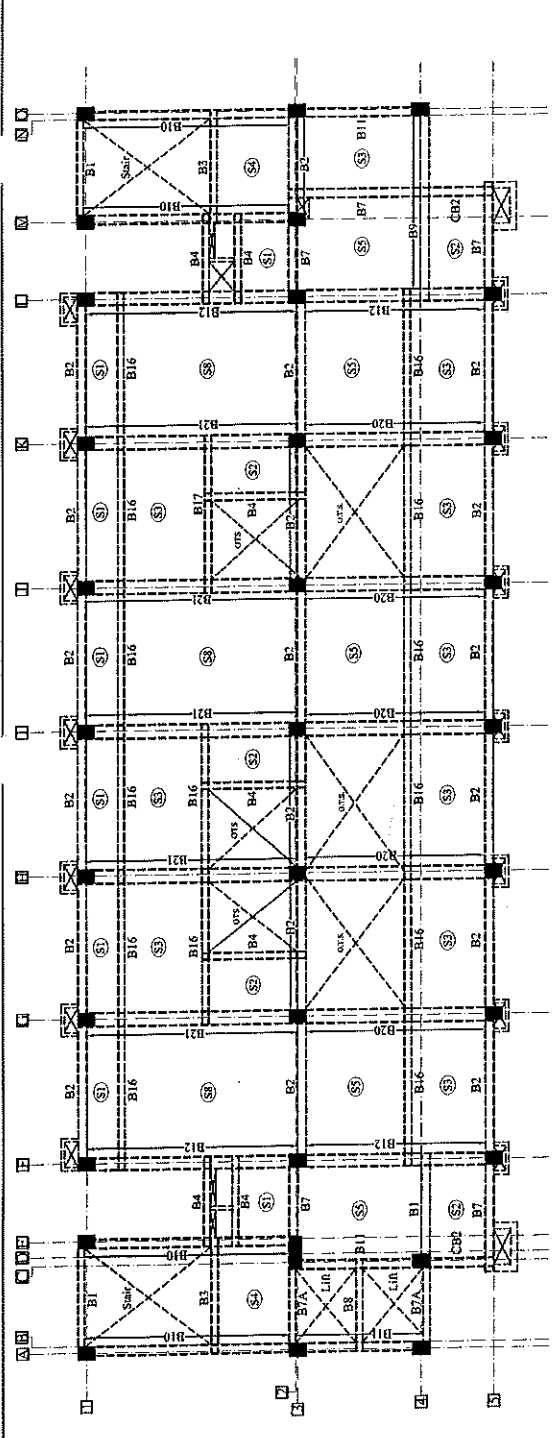
BEAM FRAMING PLAN & DETAIL OF SLAB AT FIFTH FLOOR ROOF LVL.
(i.e. slab at sixth floor lvl.)

अमरजित चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण ब्रकाई आफिस

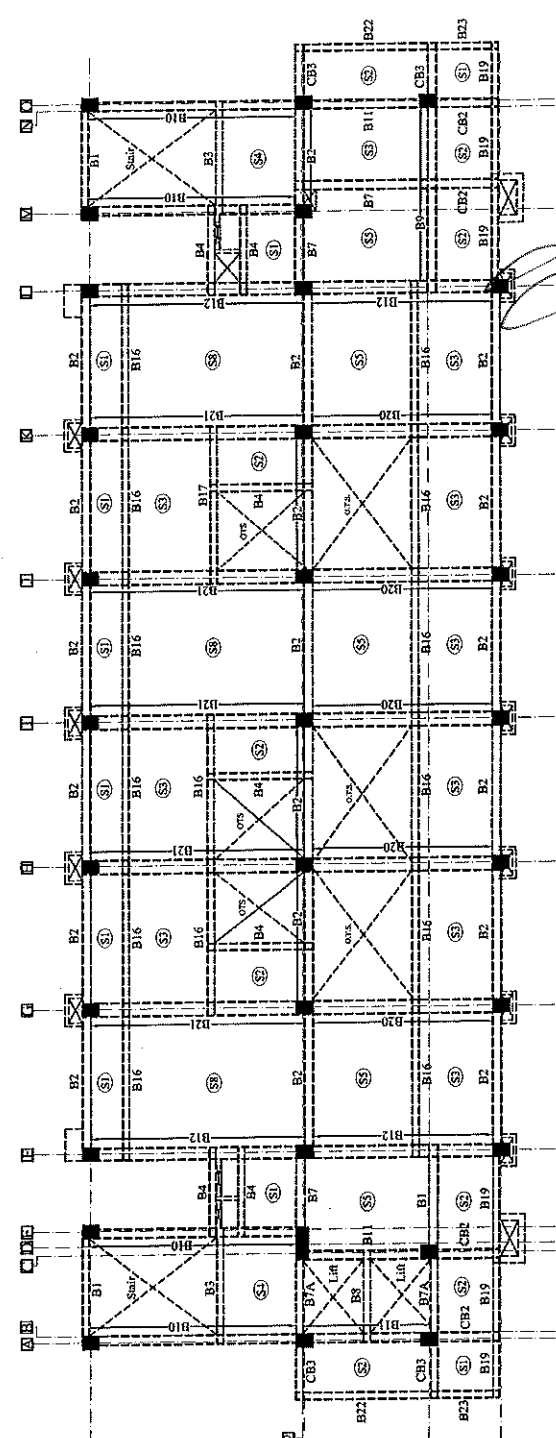
प्रकाश वाचस्पति
कार अमियन्ता (सिविल)
पतिस वाचस्पति

सिद्धांत - भाग

S.N.	ITEM	GRADE OF CONC
1	Foundations & Column Foundation 1st. to Third Floor 1st.	M 35
2	Column Fourth floor 1st. to above all floors 1st.	M 30
3	Beams & Slab of Ground, First & Second floor Roofs 1st.	M 35
4	Beams & Slab of Third floor roof & above all floors roof	M 30



BEAM FRAMING PLAN & DETAIL OF SLAB AT SIXTH FLOOR ROOF LVL.
(i.e. slab at seventh floor lvl.)

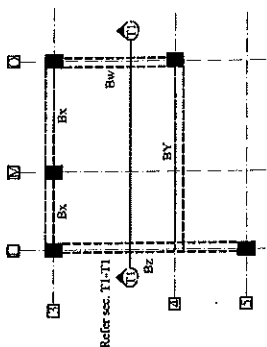


BEAM FRAMING PLAN & DETAIL OF SLAB AT SEVENTH FLOOR ROOF LVL.
(i.e. slab at eighth floor lvl.)

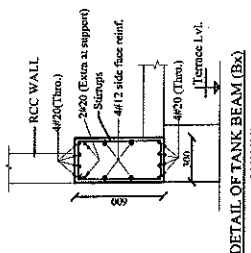
S.N.	ITEM	GRADE OF CONC
1	Foundation & Columns Foundations 1st to Third Floor 1st.	M 25
2	Column Beams 1st to 3 above all floor 1st.	M 30
3	Beams & Slab of Ground, First & Second floor 1st.	M 25
4	Beams & Slab of floor roof & above all floors 1st.	M 30

प्रकाश विमर्शक
प्रकाश विमर्शक (सिबिल)
प्रकाश विमर्शक (सिबिल)
प्रकाश विमर्शक (सिबिल)

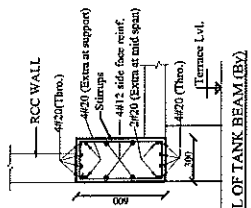
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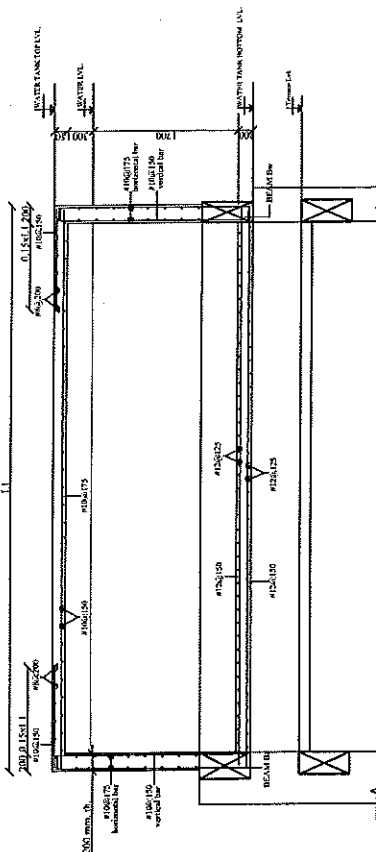
BOTTOM PLAN OF TANK



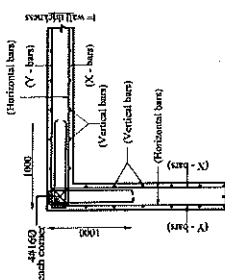
DETAIL OF TANK BEAM (Bx)



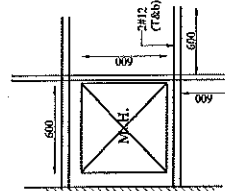
DETAIL OF TANK BEAM (BY)



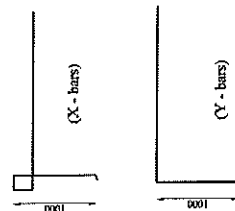
SEC. AT T1-T1



**DETAIL OF CORNER OF
R.C.C. RETAINING WALL**



TYP. DETAILS OF MANHOLE
(600X600)

 $(\bar{X} - \bar{Y})$ $(Y - \text{bars})$ 

बुध प्र० पुलिस आवास निर्माण इकाई अगर

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
ल०३३० पुलिस आवास निगम
निर्मण इकाई आगरा

(चन्द्र प्रयमसि राजवर्मा)
अदर अरियन्ता (सिविल)
आ ५० पुलिस आवास निगम

MATRIX STRUCTURES
[STRUCTURAL ENGINEERS CONSULTANT]

1/125, Vikrant Khand, Gomti Nagar, Lucknow, Uttar Pradesh- 226010
Ph. -05437370889, 07007905569, email- matrixstructures@gmail.com
www.matrixstructures.co.in

Project:

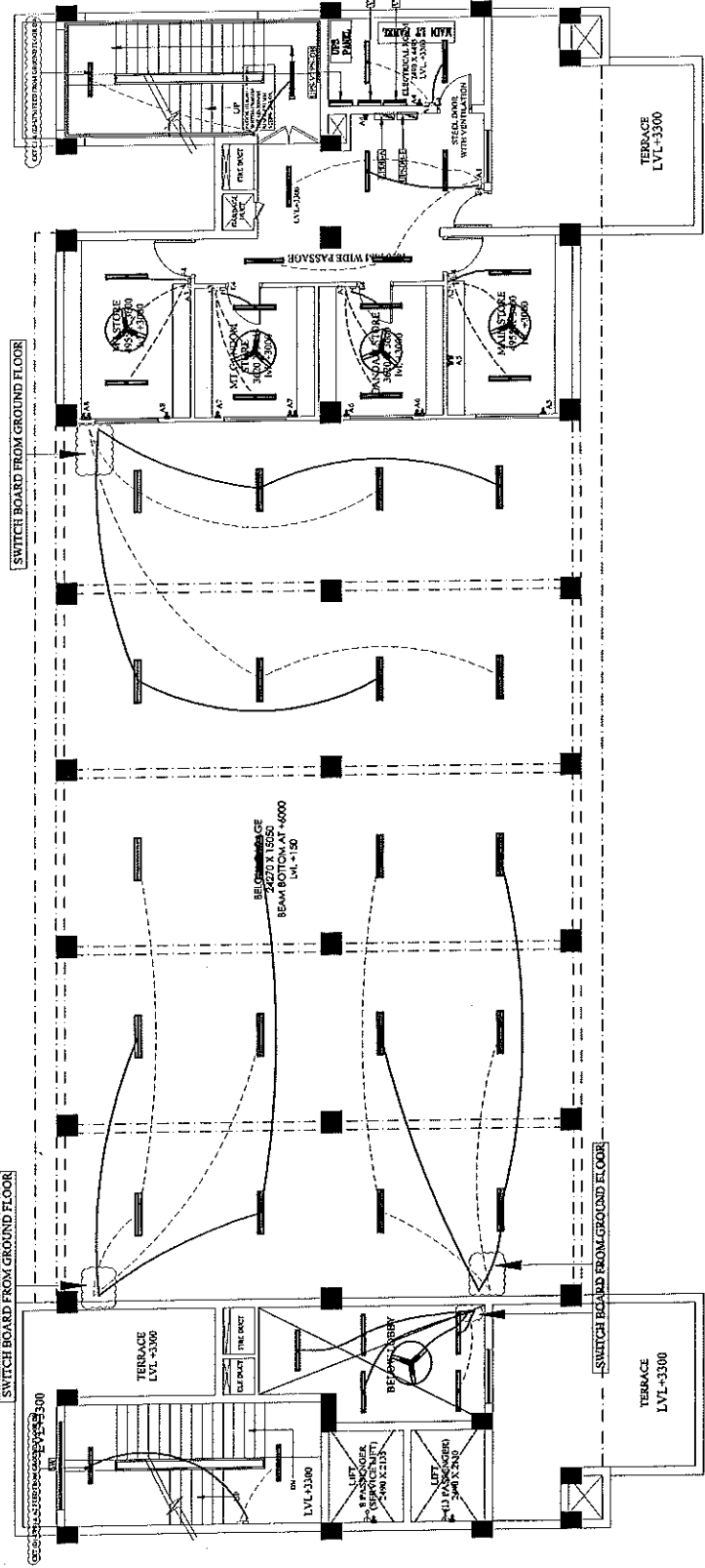
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency:

UPPAN

LEGEND - ELECTRICAL

SYMBOL	DESCRIPTION	NOTES
	SWITCH	
	LIGHT	
	FAN	
	MOTOR	
	TRANSFORMER	
	CABLE	
	CONDUIT	
	JUNCTION BOX	
	EARTHING	
	FIRE ALARM	
	FIRE EXTINGUISHER	
	FIRE HOSE	
	FIRE ALARM BELL	
	FIRE ALARM CONTROL PANEL	
	FIRE ALARM SOUNDER	
	FIRE ALARM MANUAL CALL POINT	
	FIRE ALARM RESET BUTTON	
	FIRE ALARM TEST BUTTON	
	FIRE ALARM SILENCE BUTTON	
	FIRE ALARM ALARM BELL	
	FIRE ALARM ALARM SIREN	
	FIRE ALARM ALARM HORN	
	FIRE ALARM ALARM BELL AND SIREN	
	FIRE ALARM ALARM BELL AND HORN	
	FIRE ALARM ALARM SIREN AND HORN	
	FIRE ALARM ALARM BELL, SIREN AND HORN	



FIRE STATION (3 UNIT)

Dir. Title:

FIRST FLOOR PLAN
(ELECTRICAL)

Project Manager:

Dir. No.:

SPECIFICATIONS

Scale:

1:100

Checked By:

FEB-2025

JB SHARMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

85/2, JALAN KOTA KINERJA, KUALA LUMPUR, MALAYSIA

STANDARD PAPER LK-00000-2000

MOBILE: 979345311

swastikaarchitect@gmail.com

Services Consultants:

SHAH & PAINT

CONSULTING ENGINEER (P. LTD.)

1, 4th FLOOR, JALAN KOTA KINERJA, KUALA LUMPUR, MALAYSIA

STANDARD PAPER LK-00000-2000

MOBILE: 979345311

अमरजति चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

शुभम ई प्रभारी
प्र० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा

PRAPNULLA NUMAR GUPTA
(B Arch, M Plan)
CA/009/43652

FIRST FLOOR PLAN

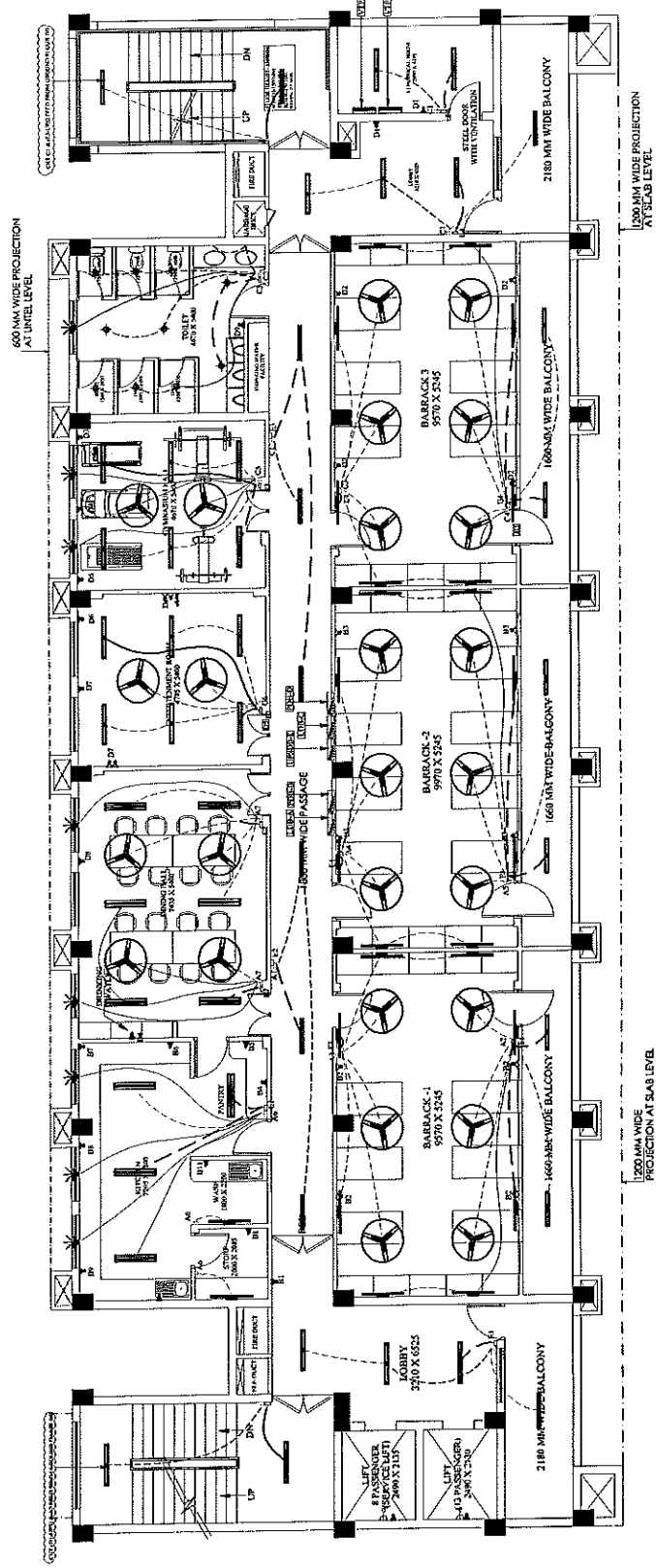
Project

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency **UPPAN**

LEGEND - ELECTRICAL

SYMBOL	DESCRIPTION	UNIT
	1500 MM WIDE PROJECTION AT 3RD LEVEL	1500
	1000 MM WIDE PROJECTION AT 3RD LEVEL	1000
	600 MM WIDE PROJECTION AT 3RD LEVEL	600
	2180 MM WIDE BALCONY	2180
	1660 MM WIDE BALCONY	1660
	1000 MM WIDE BALCONY	1000
	970 MM WIDE BALCONY	970
	750 MM WIDE BALCONY	750
	400 MM WIDE BALCONY	400
	2180 MM WIDE BALCONY	2180
	1660 MM WIDE BALCONY	1660
	1000 MM WIDE BALCONY	1000
	970 MM WIDE BALCONY	970
	750 MM WIDE BALCONY	750
	400 MM WIDE BALCONY	400
	2180 MM WIDE BALCONY	2180
	1660 MM WIDE BALCONY	1660
	1000 MM WIDE BALCONY	1000
	970 MM WIDE BALCONY	970
	750 MM WIDE BALCONY	750
	400 MM WIDE BALCONY	400



FIRE STATION (3 UNIT)

Project Manager:

THIRD FLOOR PLAN
(ELECTRICAL)

Project No.:

SPCERUFSUPELEB04

Scale: 1:100

Checked By: S. KUMAR

Date: FEB-2025

Architectural Consultant: JB SHARMA

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

SS-2, 1ST FLOOR, 1ST CROSSING, CITY

SHARMA PATH, LUCKNOW-226002

MOBILE: 9793453111

swastikaarchitect@gmail.com

Services Consultants:

SHARMA & PRATI

CONSULTING ENGINEERS (P. LTD)

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SHARMA PATH, LUCKNOW-226002

MOBILE: 9793453111

swastikaarchitect@gmail.com

PRAPHULLA KUMAR GUPTA
(B.Arch, M.Plan)
CA/2008/45652

THIRD FLOOR PLAN

अमरजीत चौहान
प्रवासी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

विनय प्रकाश बाजपय्यी
अभर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इमरान प्रभासी
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency: UPPAAV

[illegible]

PLANTH AREA 45 PER 50,000
GROUND FLOOR AREA -
SINGLE HEIGHTED AREA - 107.78-322.23 - 423.61 SQ.MT.
DOUBLE HEIGHTED AREA - 210.41 SQ.MT.

FIRST FLOOR AREA -
SINGLE HEIGHTED AREA - 83.94 x 323.31 = 27,25 SQ. MT.
SECOND FLOOR AREA - 362.2 SQ. MT.
THIRD FLOOR AREA - 507.96 SQ. MT.
FOURTH FLOOR AREA - 506.42 SQ. MT.
FIFTH FLOOR AREA - 566.42 SQ. MT.
SIXTH FLOOR AREA - 509.21 SQ. MT.
TOTAL SINGLE HEIGHT FLOOR AREA - 318.58 SQ. MT.
DOUBLE HEIGHT FLOOR AREA - 212.21 SQ. MT.

FIRE STATION (3 UNIT)

Org. Title:-

Project Manager:-

Drig. No. :-

SPCEPLFS-UP/ELE/06

Scale:-

1:100

Date: 04/20

FEB.-2026	J.B SHARMA
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ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGE-110 SECTOR-D SUSHANT GOLF CITY
SHAAHEED PATH LUCKNOW-226029,
MOBILE-9793453511

Services Consultants :-



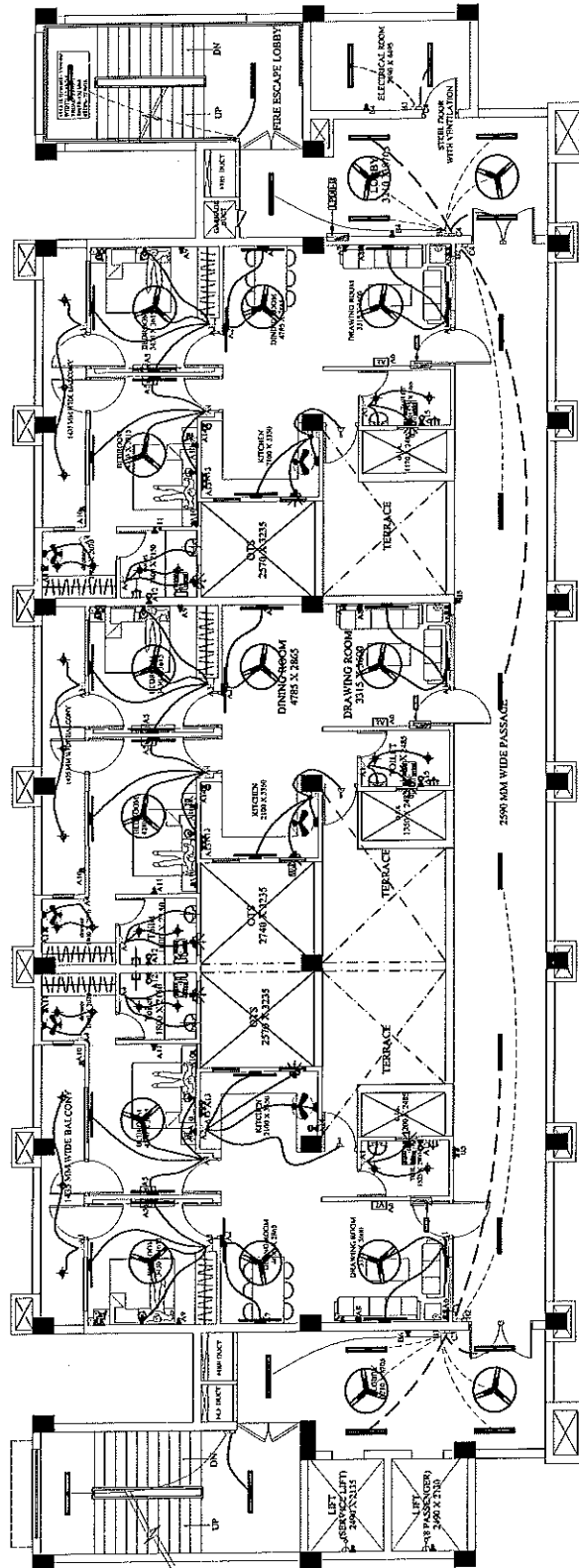
SHAH & PRANT

CONSULTING ENGINEERS (P) LTD.
AN ISO 9001 REGISTERED COMPANY

and *Phyllanthus* (*Phyllanthus* family) *Phyllanthus* spp.

[illegible]

TEL: +352 22 24 24 24 FAX: +352 22 24 24 24 E-MAIL: info@paulsen.lu
 WWW: www.paulsen.lu




PRAPHULLA KUMAR GUPTA
(B.Tech. M.Phil)
CA/208143652

FIFTH FLOOR PLAN
TYPE B (UNIT AREA

१८० प्रकाश बाजपय्या) अमरजीत चौहान
अवर अभियन्ता (सिविल) अमरी सहायक अभियन्ता
२०० प्र० पुलिस आवास निगम २०५० पुलिस आवास निगम
निर्माण इकाई आगरा

DATE SEP 5 1970

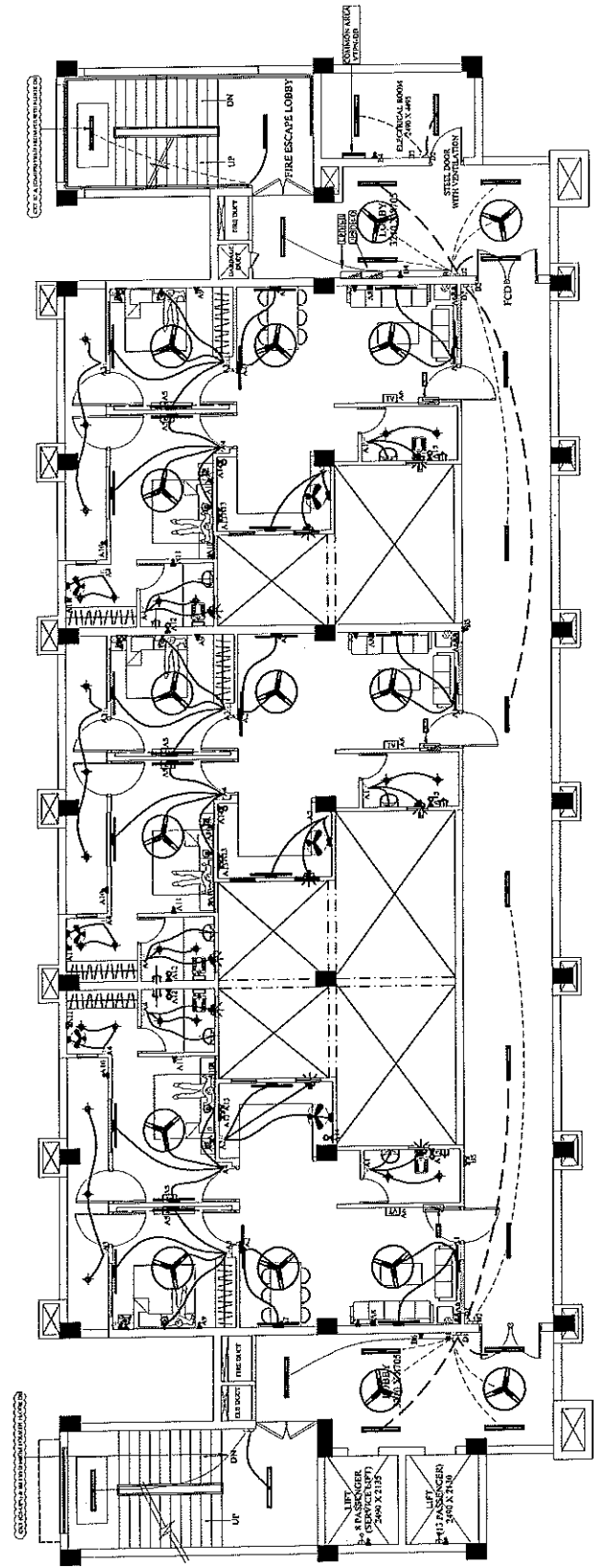

सुभाष प्रसाद
#6 प्र० पुलिस आवस निग
निर्माण इकाई अगर

Project:

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency: **UPPAN**

LEGEND - ELECTRICAL	
SYMBOL	DESCRIPTION
	MAIN SWITCH
	MCB
	DB
	FAN
	LIGHT
	BELL
	ALARM
	FIRE ALARM
	FIRE ALARM BELL
	FIRE ALARM CONTROL PANEL
	FIRE ALARM SOUNDER
	FIRE ALARM MANUAL CALL POINT
	FIRE ALARM RESET BUTTON
	FIRE ALARM TEST BUTTON
	FIRE ALARM SILENCE BUTTON
	FIRE ALARM ALARM BELL
	FIRE ALARM ALARM SOUNDER
	FIRE ALARM ALARM MANUAL CALL POINT
	FIRE ALARM ALARM RESET BUTTON
	FIRE ALARM ALARM TEST BUTTON
	FIRE ALARM ALARM SILENCE BUTTON



PLAN AREA & PERIMETER
PLAN AREA - 90.00 SQ. MT.
PERIMETER - 100.00 M.
TOTAL FLOOR AREA - 90.00 SQ. MT.
TOTAL FLOOR PERIMETER - 100.00 M.
TOTAL FLOOR AREA - 90.00 SQ. MT.
TOTAL FLOOR PERIMETER - 100.00 M.
TOTAL FLOOR AREA - 90.00 SQ. MT.
TOTAL FLOOR PERIMETER - 100.00 M.

FIRE STATION (3 UNIT)

SIXTH TO SEVENTH FLOOR PLAN

Project Manager:-

Scale:-

Date:-

Architectural Consultant

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

85-2 ANANDAPURAM, CHENNAI - 600 029

MOBILE: 9793453511

swastikaarchitects@gmail.com

SHAH & PAINT

CONSULTING ENGINEERS (P) LTD.

10, ANANDAPURAM, CHENNAI - 600 029

MOBILE: 9793453511

अमरजीत चौहान

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवस निगम
निर्माण इकाई आगरा

वन्द प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवस निगम
निर्माण इकाई - आगरा

PRANHULLA KUMAR GUPTA
(B. Arch, M. Plan)
C-2003/43652

SIXTH TO SEVENTH FLOOR PLAN -
TYPE B (UNIT AREA- 90.00 SQ.MT.)

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency UPPAN

[illegible]

PLANTS AREA AS PER IS 3461:2001
GROUND FLOOR AREA - 102.76 SQ.MT.
SINGLE HEIGHTED AREA - 102.76 SQ.MT.
DOUBLE HEIGHTED AREA - 212.41 SQ.MT.
FIRST FLOOR AREA -
SINGLE HEIGHTED AREA - 13.94 SQ.MT.
SECOND FLOOR AREA - 48.53 SQ.MT.
THIRD FLOOR AREA - 54.36 SQ.MT.
FOURTH FLOOR AREA - 50.47 SQ.MT.
FIFTH FLOOR AREA - 50.47 SQ.MT.
SIXTH FLOOR AREA - 50.47 SQ.MT.
SEVENTH FLOOR AREA - 50.47 SQ.MT.
EIGHTH FLOOR AREA - 50.47 SQ.MT.
TOTAL FLOOR AREA - 212.41 SQ.MT.
TOTAL FLOOR AREA - 377.00 SQ.MT.

FIRE STATION (3 UNIT)

-Copy To:-

8TH FLOOR PLAN
(ELECTRICAL)

Project Manager:-

Drug. No. 28

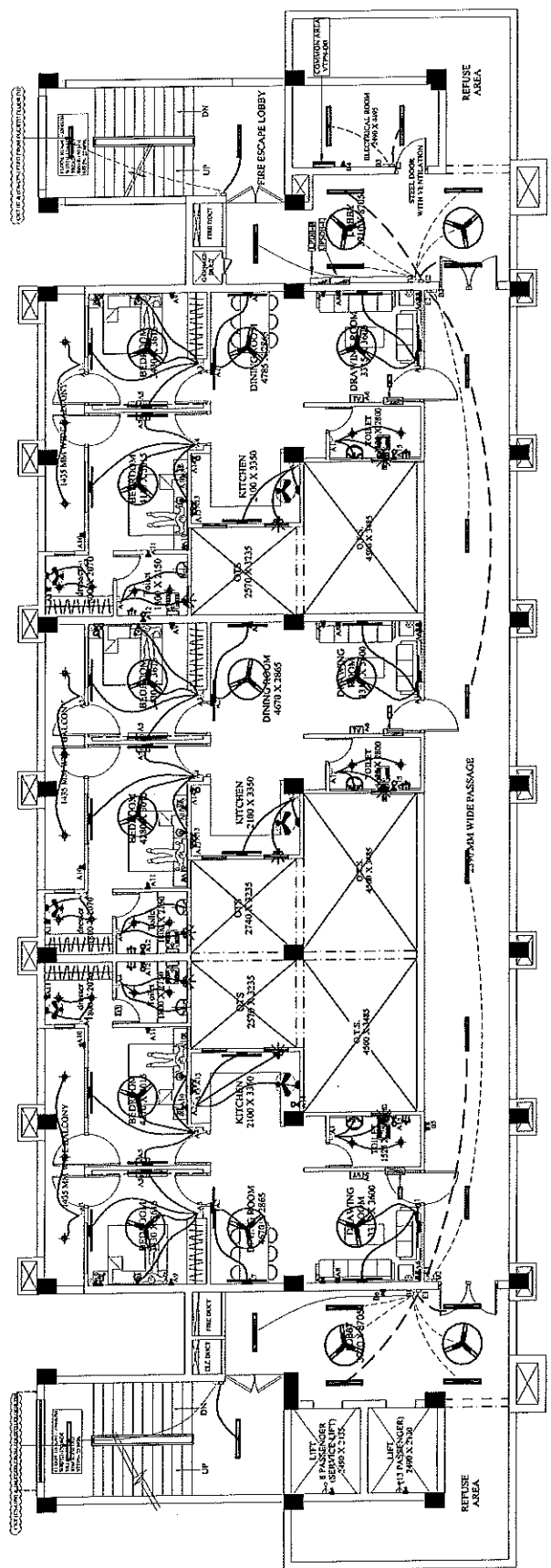
Scale:-	1:100	Drn by:-	S.KUMAR
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Date:-	1:100	Checked By:-	JB SHARMA
ARCHITECTURAL CONSULTANT			

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGE-110 SECTOR -D SUSHANT GOLF CITY
SHAHED PATH LUCKNOW-226029,
MOBILE-9793453511
swastikaarchitect@gmail.com,


Shah & Pant
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1A, 50, WEST STREET, CHENNAI - 600 003

1, 405 N.W. REAL WAXYIA COURT, LUMBERG, NC 27040-9011
 TEL: 703-223-2424 FAX: 703-223-2424 CIG: 403-223-2424
 E-MAIL: info@realwaxyia.com Web: www.realwaxyia.com



TRAPHILLAKUMAR GUPTA
(B.Arch, M.Plan)
CA/2088/A43652

8TH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)


 (वर्द्ध प्रकाश बाजपय्यी)
 अध्यक्ष अभियन्ता (सिविल)
 ३०० प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा

Project:

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency UPPAA

SYMBOL	DESCRIPTION	NOTES
	120/240V 1-PHASE 3-WIRE SERVICE	120
	277/480V 3-PHASE 4-WIRE SERVICE	277
	480Y/277V 3-PHASE 4-WIRE SERVICE	480Y
	480V 3-PHASE 3-WIRE SERVICE	480
	208Y/120V 3-PHASE 4-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208
	120/208V 3-PHASE 4-WIRE SERVICE	120/208Y
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
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	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
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	120/240V 1-PHASE 2-WIRE SERVICE	120/240
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	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208
	120/240V 1-PHASE 2-WIRE SERVICE	120/240
	277/480V 3-PHASE 3-WIRE SERVICE	277/480
	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
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	120/240V 1-PHASE 2-WIRE SERVICE	120/240
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	480Y/277V 3-PHASE 3-WIRE SERVICE	480Y/277
	480V 3-PHASE 3-WIRE SERVICE	480/277
	208Y/120V 3-PHASE 3-WIRE SERVICE	208Y
	208V 3-PHASE 3-WIRE SERVICE	208/277
	120/208V 3-PHASE 3-WIRE SERVICE	120/208

PLANTY AREA AS PER IS 840:2002
 GROUND FLOOR AREA -
 CIRCULAR HEIGHTED AREA - 102.79 - 22.22 = 80.57 SQ.MT.
 DOUBBLE HEIGHTED PERMITTED AREA - 212.41 SQ.MT.
 THIRD FLOOR AREA -
 CIRCULAR HEIGHTED AREA - 83.94 - 30.33 = 53.61 SQ.MT.
 SECOND FLOOR AREA - 26.2 SQ.MT.
 THIRD FLOOR AREA - 50.46 SQ.MT.
 FOURTH FLOOR AREA - 36.47 SQ.MT.
 FIFTH FLOOR AREA - 36.47 SQ.MT.
 SIXTH FLOOR AREA - 36.47 SQ.MT.
 TOTAL SINGLE HEIGHT FLOOR AREA - 519.28 SQ.MT.
 TOTAL DOUBLE HEIGHT FLOOR AREA - 212.41 SQ.MT.
 TOTAL FLOOR AREA - 731.69 SQ.MT.

FIRE STATION (3 UNIT)

Dr. Title:-

NINTH FLOOR PLAN
(ELECTRICAL)

Project Manager:-

Drug, No. 2nd

Dr. by: _____

1:100	S.KUMAR
-------	---------

Checked By:-	DATE
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FEB.-2020

INVESTED CAPITAL
AND DEBT

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGE-110 SECTOR-D SUSHANT GOLF CITY

SHANEED FATHI LUCKNOW-226026.
MOBILE-9793453511

aw@ukadarchitect@gmail.com,

Surficial Comments :-

SHAH & PANT

CONSULTING ENGINEERS (P) LTD.
AN ISO 9001:2004 CERTIFIED

[illegible]

3, 4th Floor, HALWASIYA COLONY, ILAKHAPOL, LUDHIANA (PUNJ)
Telle. No. : 0322-2236023, Fax : 0322-2236023, Cell : 993613294, 9939977194
E-mail : pari@halwasicolony.com, Web : www.halwasicolony.com

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PRAPHULLA KUMAR GUPTA
(B.Arch, MPlan)
CA/2598/43652


NINTH FLOOR PLAN
TYPE B (UNIT AREA- 90.00 SQ.MT.)

श्री अन्तर प्रकाश बाजपेयी
श्री अमियन्ता (सिविल)
श्री प्र० पुलिस आवास निगम
विर्माण इकाई - आग

१०. अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

Value \$1000



SHAH & PANT
CONSULTING ENGINEERS (P) LTD.

AN ISO 9001:2004 CERTIFIED

1. 40) Name, title, waste's collector, hazardous waste

|| While patrick@hugoboss.com, the CEO: www.hugoboss.com/en/eng/management was

2015年12月15日 星期三 12:15:15

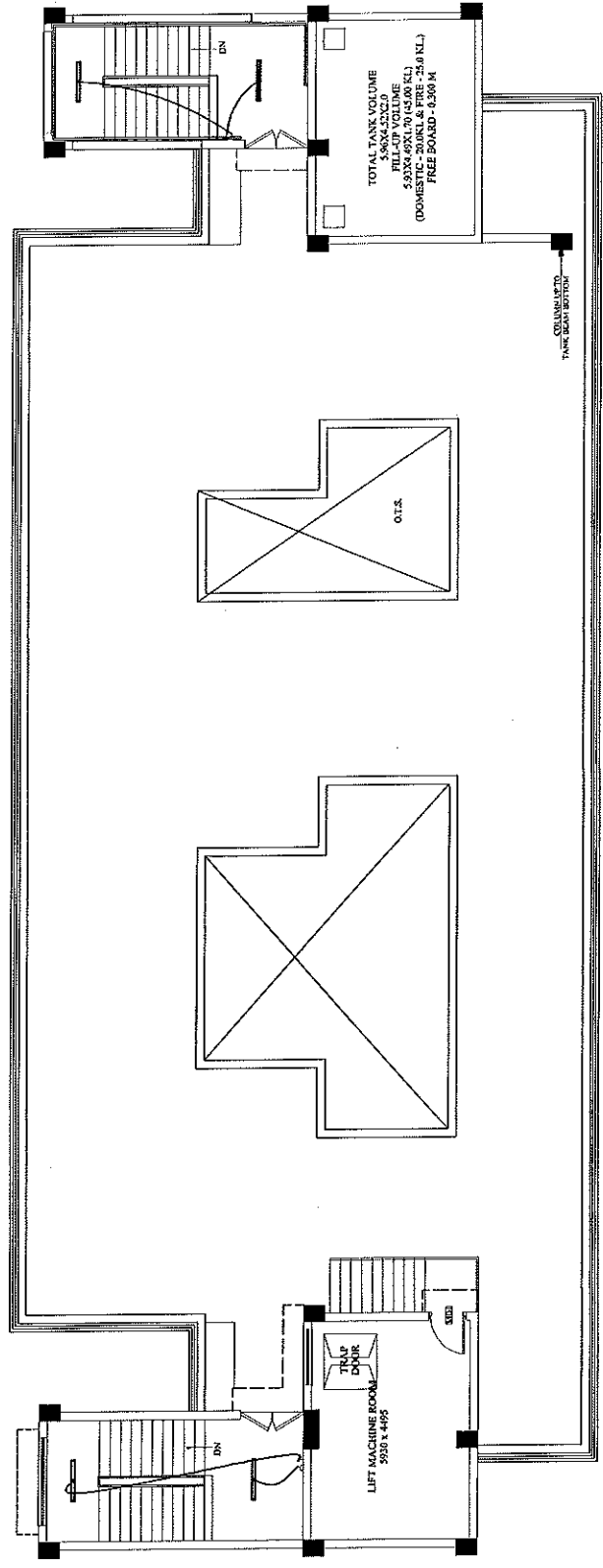
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Project:
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT DIFFERENT PLACES IN U.P.

Agency: **UPPAN**

LEGEND - ELECTRICAL

1	1. LIGHT
2	2. FAN
3	3. FAN
4	4. FAN
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96	96. FAN
97	97. FAN
98	98. FAN
99	99. FAN
100	100. FAN



PLANT AREA AS PER I.S. 800:2002
GROUND FLOOR AREA - 187.79-223.37-426.68 SQ.MT.
ROOF AREA - 11.24 SQ.MT.
TOTAL PLANT AREA - 199.03 SQ.MT.
SECOND FLOOR AREA - 182.50 SQ.MT.
THIRD FLOOR AREA - 182.50 SQ.MT.
FOURTH FLOOR AREA - 182.50 SQ.MT.
FIFTH FLOOR AREA - 182.50 SQ.MT.
TOTAL FLOOR AREA - 738.50 SQ.MT.
TOTAL ROOF AREA - 11.24 SQ.MT.
TOTAL PLANT AREA - 199.03 SQ.MT.

FIRE STATION (3 UNIT)

NINTH FLOOR PLAN
(ELECTRICAL)

Project Manager:-

Dwg. No. :-

Scale:-	1:100
Date:-	FEB-2025
Checked By:-	S. KUMAR
Project Manager:-	J.B. SHARMA

SWASTIKA
ARCHITECTURAL CONSULTANTS
S-2 AGF-116 SECTOR-30 BISHANPUR CITY
SHARAD PATH LUCKNOW-226002.
MOBILE: 9795435111
www.swastikaarchitects.com

SHAH & PAINT
CONSULTANTS
ARCHITECTURAL CONSULTANTS
S-2 AGF-116 SECTOR-30 BISHANPUR CITY
SHARAD PATH LUCKNOW-226002.
MOBILE: 9795435111
www.shahpaint.com

प्रकाश बाजपेयी
अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

बुकाई प्रभारी
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

निर्माण इकाई आगरा

PRANULLA KUMAR GUPTA
(Architect, M. Plan)
CAN/008/43652

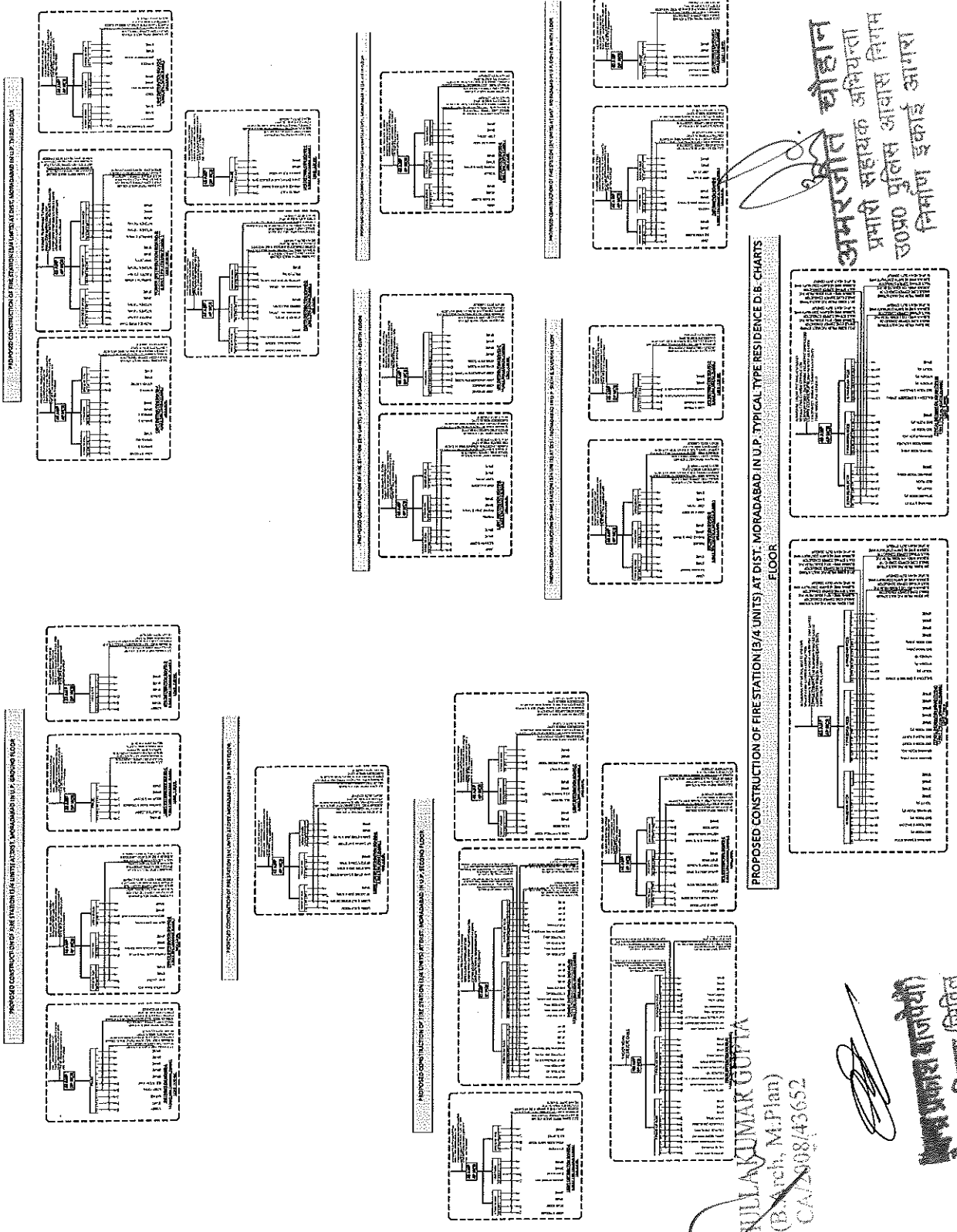
TERRACE PLAN

Project: PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT DIFFERENT PLACES IN U.P.	
Agency: UPPAN	
Project Manager:- DB DETAILS ELECTRICAL	
Project Manager:- SPECPUPS-UP/EL/011	
Scale:- 1:100	
Date:- APRIL-2025	
Checked By:- JB SHARMA	
Architectural Consultant: SUSHIL GUPTA ARCHITECTS 2878 INEX HANDEL GORTI NAGAR KANOOR, PH. 0226565535 Email: sushilgupta@gmail.com	
Services Conditions:- SHAH & PANT CONSULTING ENGINEERS (P. LTD.) 1, 100, INEX HANDEL GORTI NAGAR, KANOOR, PH. 0226565535 Email: shahpant@gmail.com	

प्रकाश प्रभास
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

CURTAIN AREA STATEMENT SHEET

GROUND FLOOR AREA:-	230.45 SQ.MT.
FIRST FLOOR AREA:-	69.85 SQ.MT.
SECOND FLOOR AREA:-	61.15 SQ.MT.
THIRD FLOOR AREA:-	51.75 SQ.MT.
FOURTH FLOOR AREA:-	51.75 SQ.MT.
FIFTH FLOOR AREA:-	51.75 SQ.MT.
SIXTH FLOOR AREA:-	51.75 SQ.MT.
SEVENTH FLOOR AREA:-	51.75 SQ.MT.
EIGHTH FLOOR AREA:-	51.75 SQ.MT.
NINTH FLOOR AREA:-	51.75 SQ.MT.
TENTH FLOOR AREA:-	51.75 SQ.MT.
MULTI AREA X1:-	58.45 SQ.MT.
MACHINE ROOM:-	31.62 SQ.MT.
TOTAL FLOOR AREA:-	886.51 SQ.MT.

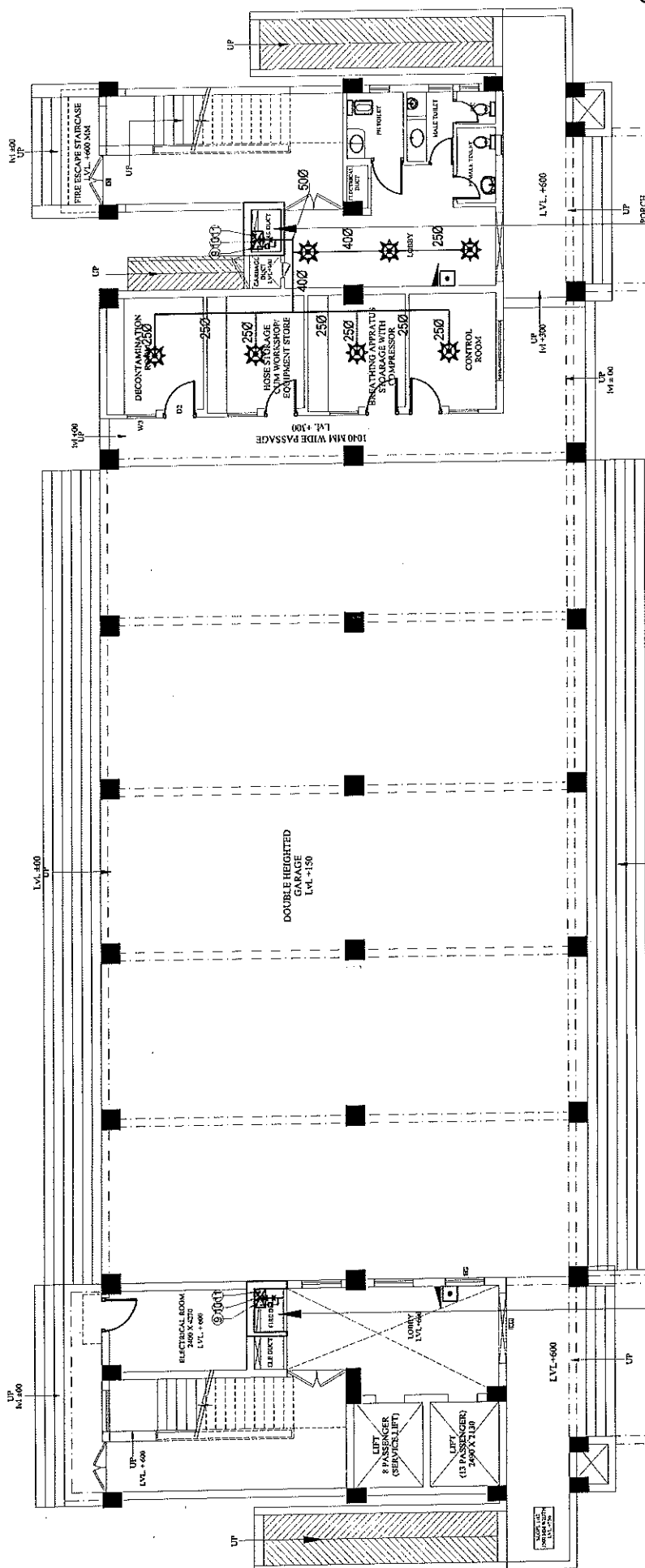


अमरजीत चौहान
प्रमोद सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

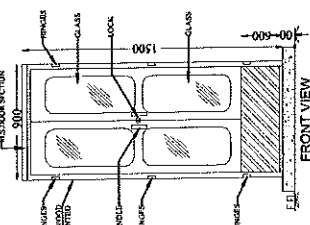
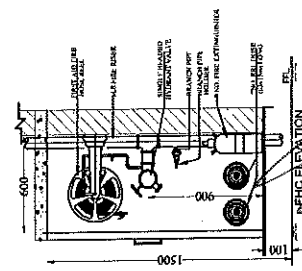
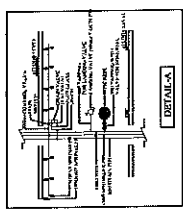
PRAPNILLA KUMAR GUPTA
(B.Arch, M.Plan)
CA/2008/43652

प्रकाश प्रभास
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

इकाई प्रभारी
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई अंगरा



SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMER WET RISER
WITH 150 MM DIA SINGLE HEADED HYDRANT VALVE
a) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
b) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
c) ONE NOS. BRANCH PIPE



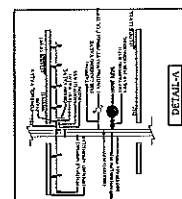
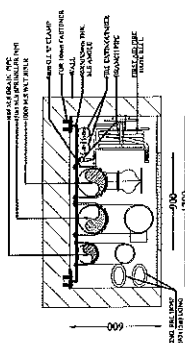
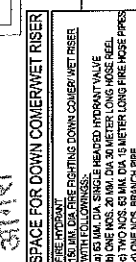
SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMER WET RISER
WITH 150 MM DIA SINGLE HEADED HYDRANT VALVE
a) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
b) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
c) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
a) 4.5 Kg. C-2 type fire extinguishers
b) 6 Kg. A.B.C. type fire extinguishers
c) 1.5 Kg. C-2 type fire extinguishers
d) 1.5 Kg. A.B.C. type fire extinguishers
(Gas pressure) fire extinguishers
complete with bracket, Bells and initial
charge as per IS 940.

S.NO	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	—	800 DRAIN PIPE
7	—	1500 SPRINKLER PIPE
8	—	1600 HYDRANT PIPE
9	—	BUTTERFLY VALVE
10	—	TEST ASSEMBLY
11	—	FLOW SWITCH
12	—	FIRE ROSE CABINET
13	—	PHC

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (34 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)	AGENCY:- U.P. POLICE AWAS NIGAM LTD. CLIENT:- HOME DEPARTMENT	BUILDING:- FIRE STATION (34 UNITS)	DRAWING TITLE:- GROUND FLOOR PLAN (FIRE FIGHTING)	Drawn by M. PANT	Checked By M. PANT	ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS S-2 AGF-110 SECTOR-3, SUSHANT GOLF CITY SHAHED PATH, LUCKNOW-226024. MOBILE: 9794545454 swastikaarchitects@gmail.com	Service Consultant:- SHAH & PRATI

प्रमाणित किया गया
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई अंगरा
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई अंगरा
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई अंगरा



LEGEND:	NO.	SYMBOL	DESCRIPTION
	1		PENDANT SPRINKLER
	2		UPRIGHT SPRINKLER
	3		SIDE WALL SPRINKLER
	4		BRANCH PIPE
	5		MAIN SPRINKLER PIPE
	6		800 DRAIN PIPE
	7		1500 SPRINKLER PIPE
	8		1000 HYDRANT PIPE
	9		BUTTERFLY VALVE
	10		TEST ASSEMBLY
	11		FLOW SWITCH
	12		FIRE HOSE CABINET

FIRE EXTINGUISHERS COMPRISING OF

- a) 4.5 Kg. Co2 type fire extinguishers
I.S.I marked.
- b) 6 Kg. A.B.C. type fire extinguishers
I.S.I marked.

(Gas pressure) fire extinguishers
equipped with bracket, Bolts and initial

DETAIL A-A

Services Card Number :

NATURAL CONSULTANTS :-

by _____

Doc. No.

G.M. :-

DRAWING TITLE:-

ILONG-

AGENCY:

PROJECT.

SHAH & PANT
CONSTRUCTING PAPERLESS (P) LTD
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-11-2018 BY 60322 UCBAW

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
GIE 110, SECTOR D, SUSHANT COLE CITY

ASIF

Checked By _____

UJ/PS/SEP-04

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FLOOR PLAN

FIRST

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References

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U.P. P.

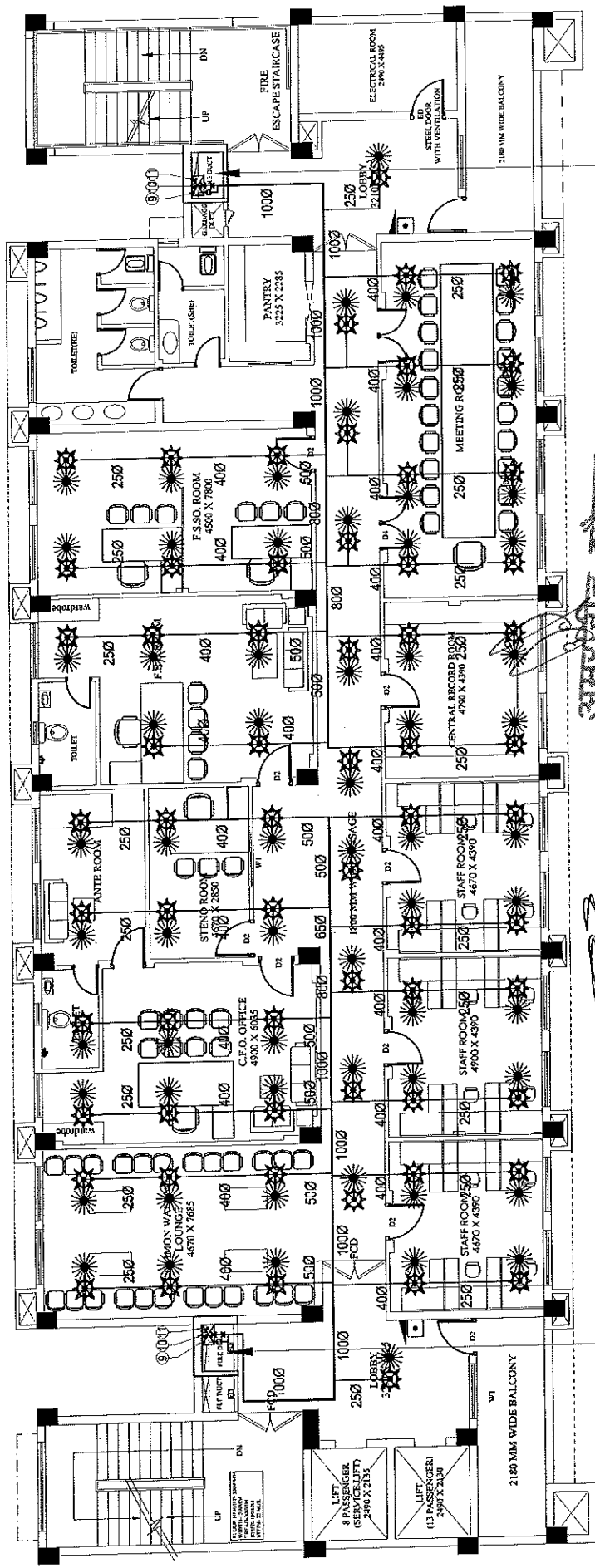
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SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

S.NO	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	☼	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	☼	800 DRAIN PIPE
7	☼	1500 SPRINKLER PIPE
8	☼	1000 HYDRANT PIPE
9	☼	1000 HYDRANT PIPE
10	☼	BUTTERFLY VALVE
11	☼	TEST ASSEMBLY
12	☼	FLOW SWITCH
13	☼	FIRE HOSE CABINET

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA. FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:
a) 15 MM DIA. SINGLE HEADED HYDRANT VALVE
b) ONE NOS. 20 MM DIA. 15 METER LONG FIRE HOSE REEL
c) TWO NOS. 63 MM DIA. 15 METER LONG FIRE HOSE
d) ONE NOS. BRANCH PIPE

PROJECT:-
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT
SORON, DISTRICT KASGANJ (U.P.)

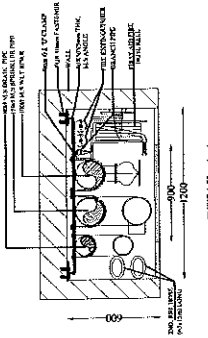
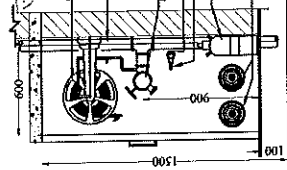
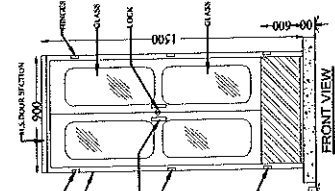
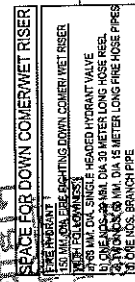
AGENCY:-
U.P. POLICE AWAS NIGAM LTD.
CLIENT:-
HOME DEPARTMENT

BUILDING:-
FIRE STATION (3/4 UNITS)

DRAWING TITLE:-
SECOND FLOOR PLAN
(FIRE FIGHTING SERVICES)

ARCHITECTURAL CONSULTANTS:-
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-116 SECTOR - D SURYANAGAR CITY
SHAHED PATH LUCKNOW-226009,
MOBILE-9794535111
swastikaarchitects@gmail.com

SHAH & PROTI
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AGF-116 SECTOR - D SURYANAGAR CITY
SHAHED PATH LUCKNOW-226009,
MOBILE-9794535111
swastikaarchitects@gmail.com



FIRE HYDRANT
SPACE FOR DOWN COMER/WET RISER
 150 MM. DIA. FIRE FIGHTING DOWN COMER WET RISER
 WITH FOLLOWINGS:-
 (1) 63 MM. DIA. SINGLE HEADED HYDRANT VALVE
 (2) ONE NOS. 20 MM. DIA. 30 METER LONG HOSE REEL
 (3) TWO NOS. 63 MM. DIA. 15 METER LONG FIRE HOSE PIPES
 (4) ONE NOS. BRANCH PIPE













FIRE EXTINGUISHERS COMPRISING OF

(32323)

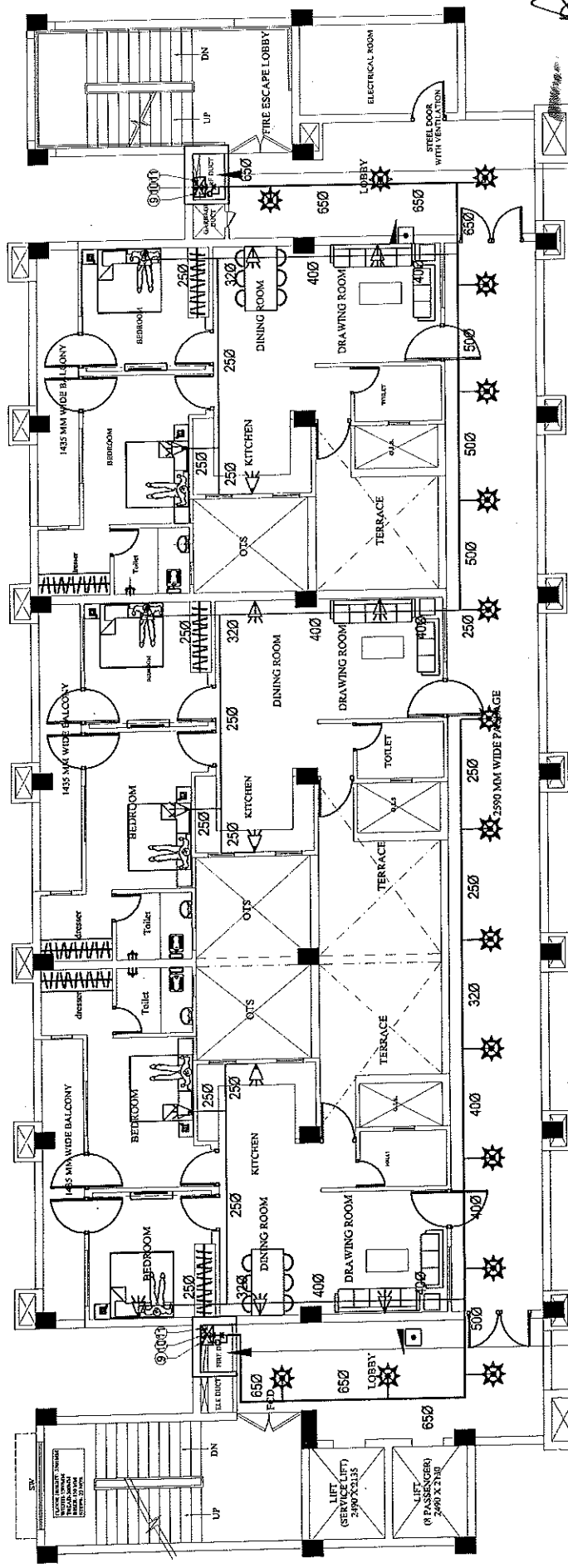
a) 4.5 Kg. Co2 type fire extinguishers
15.1 marked.

b) 6 Kg. A.B.C. type fire extinguishers
15.1 marked.

(Gas pressure) fire extinguishers
complete with bracket. Bolts and initial
change as per IS 940.—

LEGEND:		SYMBOL	DESCRIPTION
1		1	PENDENT SPRINKLER
2		2	UPRIGHT SPRINKLER
3		3	SIDE WALL SPRINKLER
4		4	BRANCH PIPE
5		5	MAIN SPRINKLER PIPE
6		6	800 DRAIN PIPE
8		8	1500 SPRINKLER PIPE
9		9	1000 HYDRANT PIPE
10		10	BUTTERFLY VALVE
11		11	TEST ASSEMBLY
12		12	FLOW SWITCH
13		13	FIRE HOSE CABINET

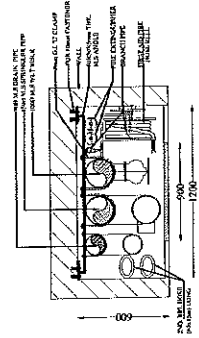
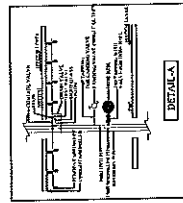
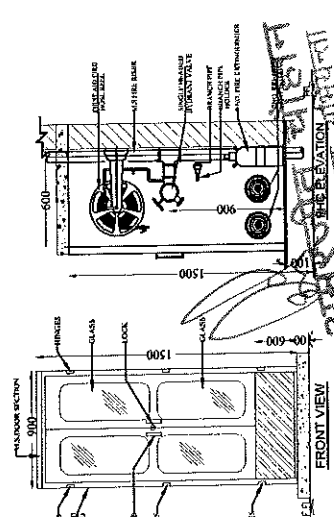
PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- THIRD FLOOR PLAN (FIRE FIGHTING SERVICES)	G.M. :-	P.M. :-	G.M. :-	P.M. :-	Drawn by ASIF Checked By At-100 Date FEB / 2026 M. PANT
			Scale :- FS/34/UP/SEP/06 Date				
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-118 SECTOR -D SUSTANT GOLF CITY SHAHEDUL ALAM ROAD -228426, GHAZIABAD DISTRICT, UTTAR PRADESH MOBILE 9794353531 Email: swastikaarchitect@gmail.com							
SERVICE CHARTER :-  SHR & PANT CONSULTANTS 10, KAILASH NAGAR, KAILASH NAGAR, KAILASH NAGAR, GHAZIABAD DISTRICT, UTTAR PRADESH MOBILE 9794353531 Email: swastikaarchitect@gmail.com							



SPACE FOR DOWN CORNERWET RISER
 FIRE HYDRANT
 150 MM DIA. FIRE FIGHTING DOWN CORNER WET RISER
 WITH FOLLOWING:
 a) 45 MM DIA. SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
 c) TWO NOS. 15 MM DIA. 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN CORNERWET RISER
 FIRE HYDRANT
 150 MM DIA. FIRE FIGHTING DOWN CORNER WET RISER
 WITH FOLLOWING:
 a) 45 MM DIA. SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA. 30 METER LONG HOSE REEL
 c) TWO NOS. 15 MM DIA. 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
 a) 4.5 Kg. Co2 type fire extinguishers
 1.51 marked.
 b) 6 Kg. A.B.C. type fire extinguishers
 1.51 marked.
 c) 3.6 Kg. A.B.C. type fire extinguishers
 complete with bracket. Bells and initial
 charge as per IS 940.



LEGEND:-

S.NO.	SYMBOL	DESCRIPTION
1	☼	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	—	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	—	200 DRAIN PIPE
7	—	1500 SPRINKLER PIPE
8	—	1000 HYDRANT PIPE
9	—	BUTTERFLY VALVE
10	—	TEST ASSEMBLY
11	—	FLOW SWITCH
12	—	FIRE HOSE CABINET

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)

CLIENT:- HOME DEPARTMENT

ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS S-2 ACF-110 SECTOR-D SURRANT GOLF CITY SHAHEED PATH LUCKNOW-226009. MOBILE: 979345311 swastikaarchitect@gmail.com

SHR & PNT

Drawn by: ASIE **Checked By:** M. PANTI **Date:** FEB / 2026

Scale: A1:100

Project No.: FS-34/MS/SEP-2026

DRAWING TITLE: FIFTH FLOOR PLAN (FIRE FIGHTING SERVICES)

Author: SHR & PNT

Project No.: FS-34/MS/SEP-2026

Scale: A1:100

Date: FEB / 2026

Project No.: FS-34/MS/SEP-2026

Scale: A1:100

Date: FEB / 2026

Project No.: FS-34/MS/SEP-2026

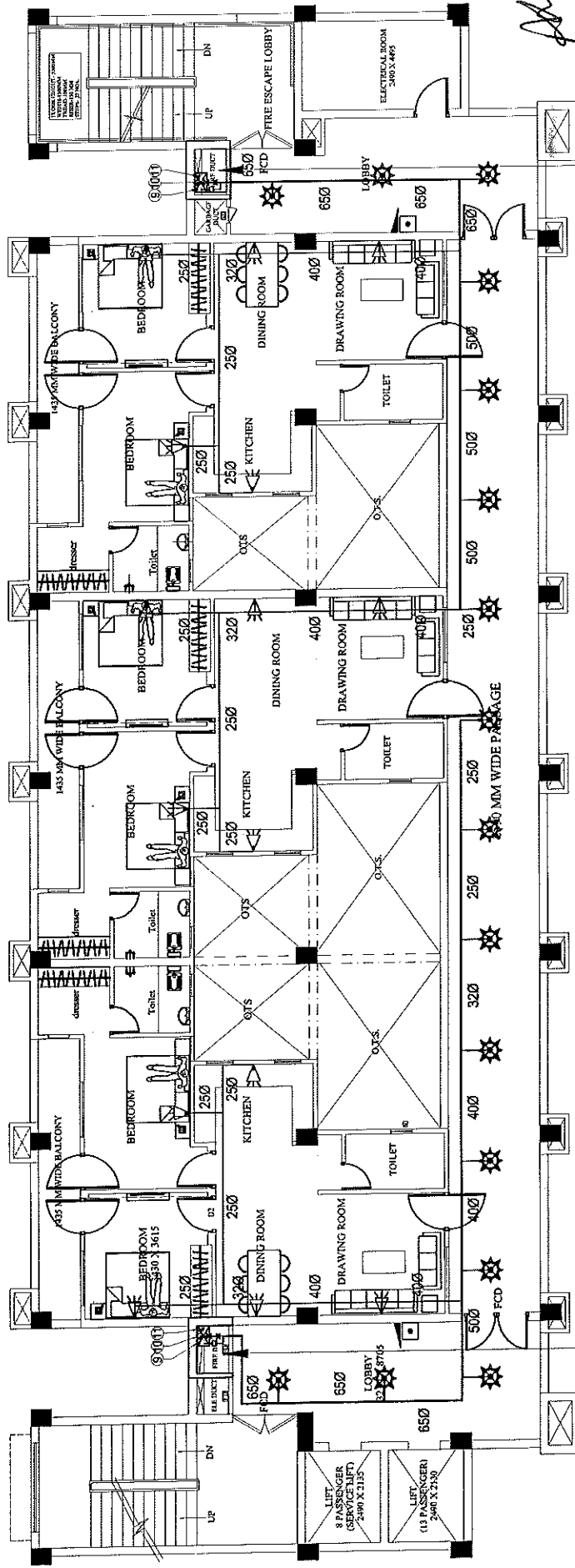
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Date: FEB / 2026

हकाई प्रमारी
 ७० प्रो पुलिस आवास निगम
 निर्माण इकाई आगरा

प्रकाश बाजपेयी
 अमर अभियन्ता (सिविल)
 ७० प्रो पुलिस आवास निगम
 निर्माण इकाई आगरा

प्रकाश बाजपेयी
 अमर अभियन्ता (सिविल)
 ७० प्रो पुलिस आवास निगम
 निर्माण इकाई आगरा

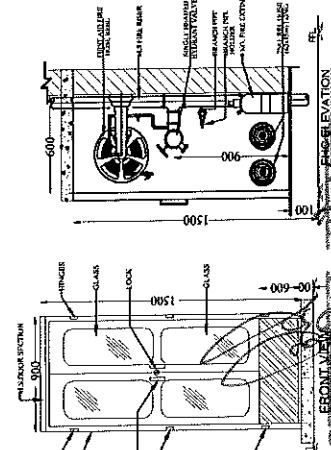


इकाई प्रमारी
80 प्रो पुलिस आवास निगम लि.
निर्माण इकाई आगरा

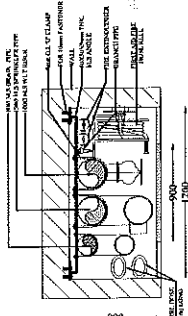
SPACE FOR DOWN CORNER WET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN CORNER WET RISER
WITH FOLLOWINGS:
a) 4.5 KG. CO2 TYPE FIRE EXTINGUISHERS
b) 15 LIT. MARKED
c) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
d) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE

SPACE FOR DOWN CORNER WET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN CORNER WET RISER
WITH FOLLOWINGS:
a) 4.5 KG. CO2 TYPE FIRE EXTINGUISHERS
b) 15 LIT. MARKED
c) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
d) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE

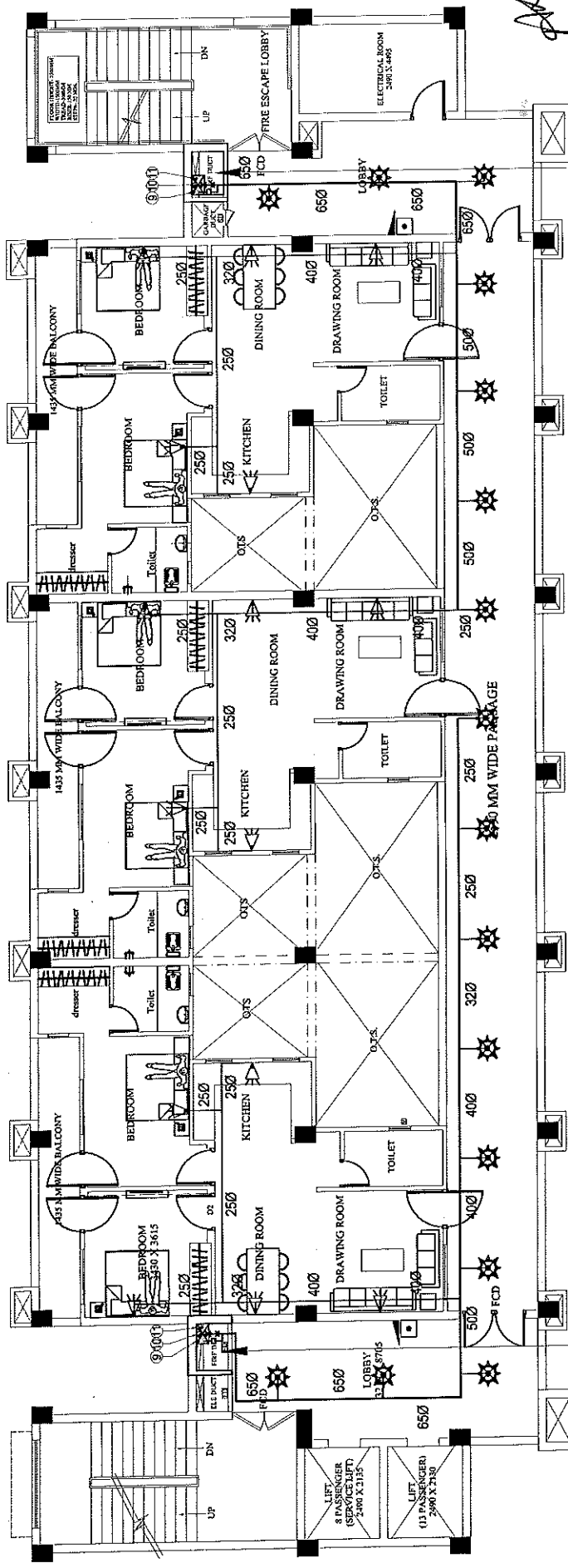
LEGEND:-	S.NO.	SYMBOL	DESCRIPTION
1	1	☼	PENDENT SPRINKLER
2	2	☼	UPRIGHT SPRINKLER
3	3	☼	SIDE WALL SPRINKLER
4	4	—	BRANCH PIPE
5	5	—	MAIN SPRINKLER PIPE
6	6	☼	800 DRAIN PIPE
7	7	☼	1500 SPRINKLER PIPE
8	8	☼	1500 HYDRANT PIPE
9	9	☼	BUTTERFLY VALVE
10	10	☼	TEST ASSEMBLY
11	11	☼	FLOW SWITCH
12	12	☼	FIRE HOSE CABINET
13	13	☼	FIRE



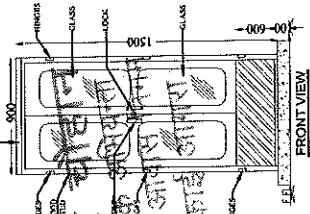
FIRE EXTINGUISHERS COMPRISING OF
a) 4.5 KG. CO2 TYPE FIRE EXTINGUISHERS
b) 15 LIT. MARKED
c) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
d) TWO NOS. 63 MM DIA 15 METER LONG FIRE HOSE PIPES
e) ONE NOS. BRANCH PIPE



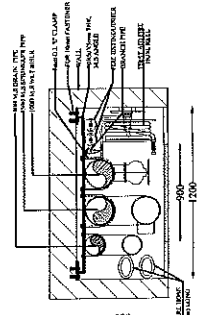
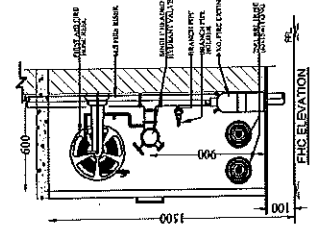
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)		CLIENT:- HOME DEPARTMENT, KUNAR GUPTA	
PROJECT:-		BUILDING:-	
ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSSANT GOLF CITY SHAHEED PATH LUCKNOW-226007. MOBILE-9799455171 swastikaarchitect@gmail.com		Drawn by ASSE Checked By AL-100 Date FEB / 2026	
Dig. No. PS-MUP/STEP-40 SC-06		Scale:- S.F.E.:-	
U.P. POLICE AWAS NIGAM LTD.		U.P. POLICE AWAS NIGAM LTD.	



SPACE FOR DOWN COMERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
 WITH FOLLOWINGS:-
 1) 150 MM DIA SINGLE BRASS HYDRANT VALVE
 2) 150 MM DIA SINGLE BRASS LONG HOSE REEL
 3) TWO NOS 63 MM DIA 15 METER LONG FIRE HOSE PIPES
 4) ONE NOS BRANCH PIPE



FIRE EXTINGUISHERS COMPRISING
 4) 4.5 Kg. CO2 type fire extinguishers
 5) 5 Kg. B.C. type fire extinguishers
 6) 1.5 Kg. B.C. type fire extinguishers
 (Gas pressure) fire extinguishers
 complete with bracket, Bolt and initial
 charge as per IS 940.

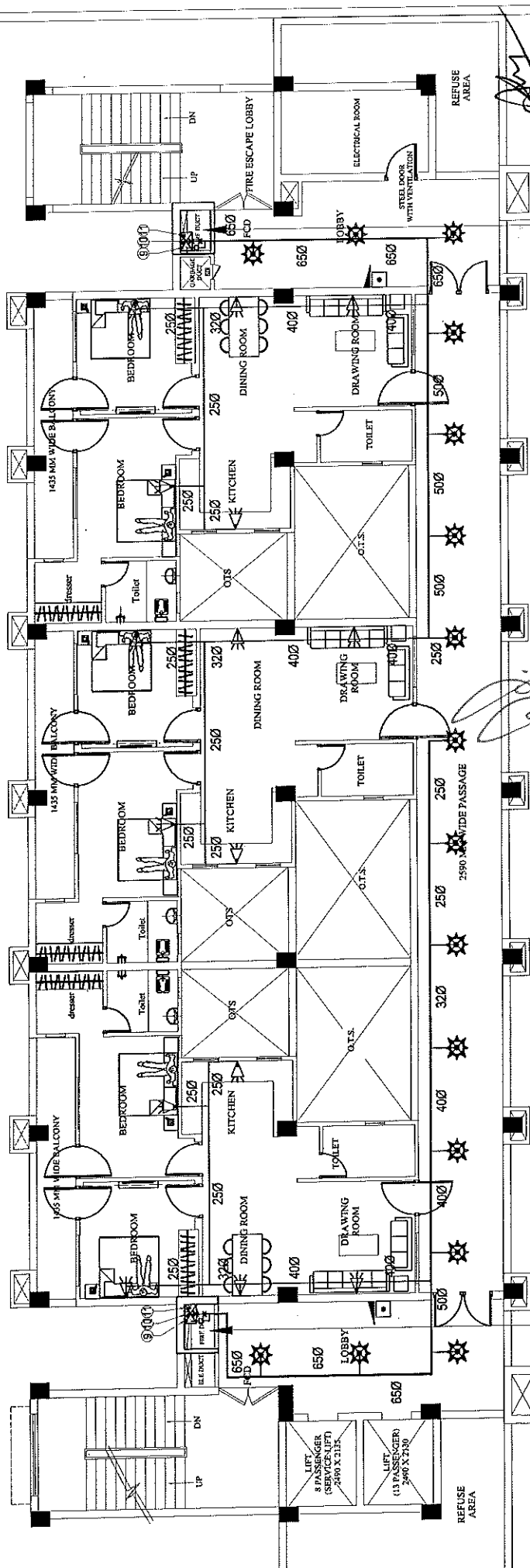


LEGEND:-	SNO	SYMBOL	DESCRIPTION
1	1	☼	PENDENT SPRINKLER
2	2	☼	UPRIGHT SPRINKLER
3	3	☼	SIDE WALL SPRINKLER
4	4	—	BRANCH PIPE
5	5	—	MAIN SPRINKLER PIPE
6	6	—	800 DRAIN PIPE
7	7	—	1500 SPRINKLER PIPE
8	8	—	1000 HYDRANT PIPE
9	9	—	BUTTERFLY VALVE
10	10	—	TEST ASSEMBLY
11	11	—	FLOW SWITCH
12	12	—	FIRE ROSE CABINET
13	13	—	FIRE ROSE CABINET

हकाई प्रमारी
 प्रमारी सहायक
 प्रमारी सहायक
 प्रमारी सहायक

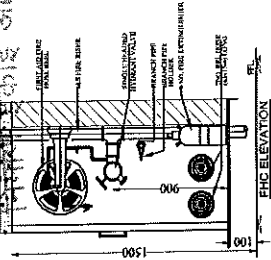
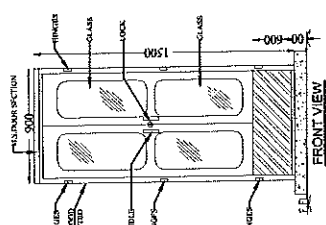
PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (34 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)		BUILDING:- FIRE STATION (34 UNITS)		DRAWING TITLE:- SEVENTH FLOOR PLAN (FIRE FIGHTING SERVICES)		Dwg. No. PS-11/PS-12/PS-13		Drawn by ASH		Checked By M. PANT		ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 APT-110 SECTOR-D SURSHANT GOLF CITY SHAHEED PATH LUCKNOW-226009, MOBILE-979933311 swastikaarchitects@gmail.com		SHAH & PAUL CONSULTING ENGINEERS (P) LTD. 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	
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प्रकाश राजपूत
 प्रमारी सहायक
 प्रमारी सहायक
 प्रमारी सहायक

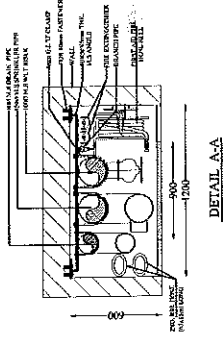
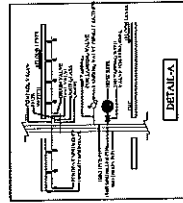


SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:-
a) 150 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS 20 MM DIA 30 METER LONG FIRE HOSE
c) ONE NOS 20 MM DIA 30 METER LONG FIRE HOSE PRES
d) ONE NOS BRANCH PIPE

FIRE EXTINGUISHERS COMPRISING OF
a) 4.5 Kg. CO2 type fire extinguishers
1.51 marked
b) 8 Kg. A.L.C. type fire extinguishers
1.51 marked
(Gas pressure) fire extinguishers
complete with brackets, bolts and initial
charge as per IS 940,-



SPACE FOR DOWN COMERWET RISER
FIRE HYDRANT
150 MM DIA FIRE FIGHTING DOWN COMERWET RISER
WITH FOLLOWINGS:-
a) 150 MM DIA SINGLE HEADED HYDRANT VALVE
b) ONE NOS 20 MM DIA 30 METER LONG FIRE HOSE
c) ONE NOS 20 MM DIA 30 METER LONG FIRE HOSE PRES
d) ONE NOS BRANCH PIPE

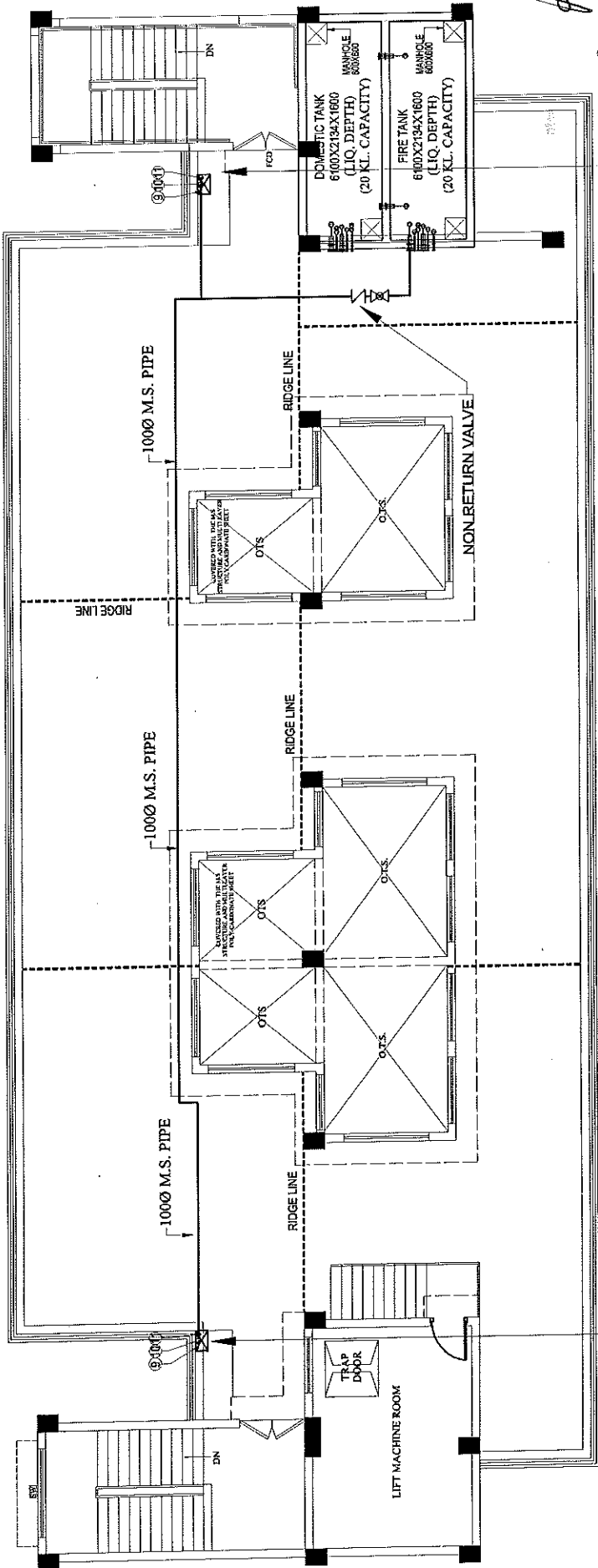


S.NO	SYMBOL	DESCRIPTION
1	1	PENDENT SPRINKLER
2	2	UPRIGHT SPRINKLER
3	3	SIDE WALL SPRINKLER
4	4	BRANCH PIPE
5	5	MAIN SPRINKLER PIPE
6	6	800 DRAIN PIPE
7	7	1500 SPRINKLER PIPE
8	8	1500 HYDRAANT PIPE
9	9	BUTTERFLY VALVE
10	10	TEST ASSEMBLY
11	11	FLOW SWITCH
12	12	FIRE NOSE CABINET
13	13	FIRE

अमरजीत चौहान
अमरजीत अभियन्ता
प्रमरी सहायक आवास निगम
रजप्रो पुलिस आवास निगम
निर्माण इकाई आगरा

रजप्रो पुलिस आवास निगम लि.
निर्माण इकाई आगरा

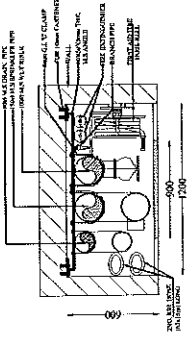
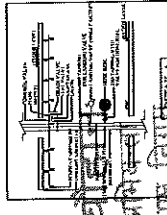
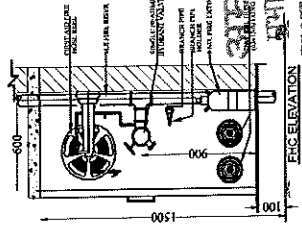
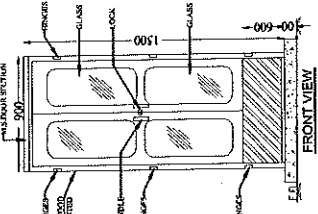
PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)		BUILDING:- FIRE STATION (3/4 UNITS)		DRAWING TITLE:- EIGHTH FLOOR PLAN (FIRE FIGHTING SERVICES)		Dwg. No. FS-3/4U/P5/SP-11		Drawn by ASF		Checked By ASF		ARCHITECTURAL CONSULTANTS :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY SHABED PATH LUCKNOW-226009, MOBILE-979345311 swastikaarchitects@gmail.com		SHRAB & PRIT ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY SHABED PATH LUCKNOW-226009, MOBILE-979345311 swastikaarchitects@gmail.com	
CLIENT:- U.P. POLICE AWAS NIGAM LTD.		HOME DEPARTMENT		DATE FEB / 2026		SCALE AS/100		DATE FEB / 2026		SCALE AS/100		DATE FEB / 2026		SCALE AS/100	



SPACE FOR DOWN CORNERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN CORNERWET RISER
 WITH FOLLOWINGS:
 a) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 c) TWO NOS. 83 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

SPACE FOR DOWN CORNERWET RISER
 FIRE HYDRANT
 150 MM DIA FIRE FIGHTING DOWN CORNERWET RISER
 WITH FOLLOWINGS:
 a) 150 MM DIA SINGLE HEADED HYDRANT VALVE
 b) ONE NOS. 20 MM DIA 30 METER LONG HOSE REEL
 c) TWO NOS. 83 MM DIA 15 METER LONG FIRE HOSE PIPES
 d) ONE NOS. BRANCH PIPE

FIRE EXTINGUISHERS COMPOSING OF
 a) 4.5 Kg. CO2 type fire extinguishers
 b) 6 Kg. A.S.C. type fire extinguishers
 c) 1.5 L. hand. (Gas pressure) fire extinguishers
 complete with bracket. Bolt and initial
 change as per IS 940, --



LEGEND:-	SYMBOL	DESCRIPTION
1	✕	PENDENT SPRINKLER
2	☼	UPRIGHT SPRINKLER
3	➤	SIDE WALL SPRINKLER
4	—	BRANCH PIPE
5	—	MAIN SPRINKLER PIPE
6	⊙	800 DRAIN PIPE
7	⊙	1500 SPRINKLER PIPE
8	⊙	1000 HYDRANT PIPE
9	⊙	BUTTERFLY VALVE
10	⊙	TEST ASSEMBLY
11	⊙	FLOW SWITCH
12	⊙	FIRE HOSE CABINET

PROPOSED CONSTRUCTION OF
 FIRE STATION (3/4 UNITS) AT
 SORON, DISTRICT KASGANJ (U.P.)

U.P. POLICE AWAS NIGAM LTD.
 FIRE STATION (3/4 UNITS)
 CLIENT:-

HOME DEPARTMENT
 RAJNIL KUMAR GUPTA
 (B.Arch, M.Plan)

TERRACE FLOOR PLAN
 (FIRE FIGHTING SERVICES)

DRAWING TITLE:-

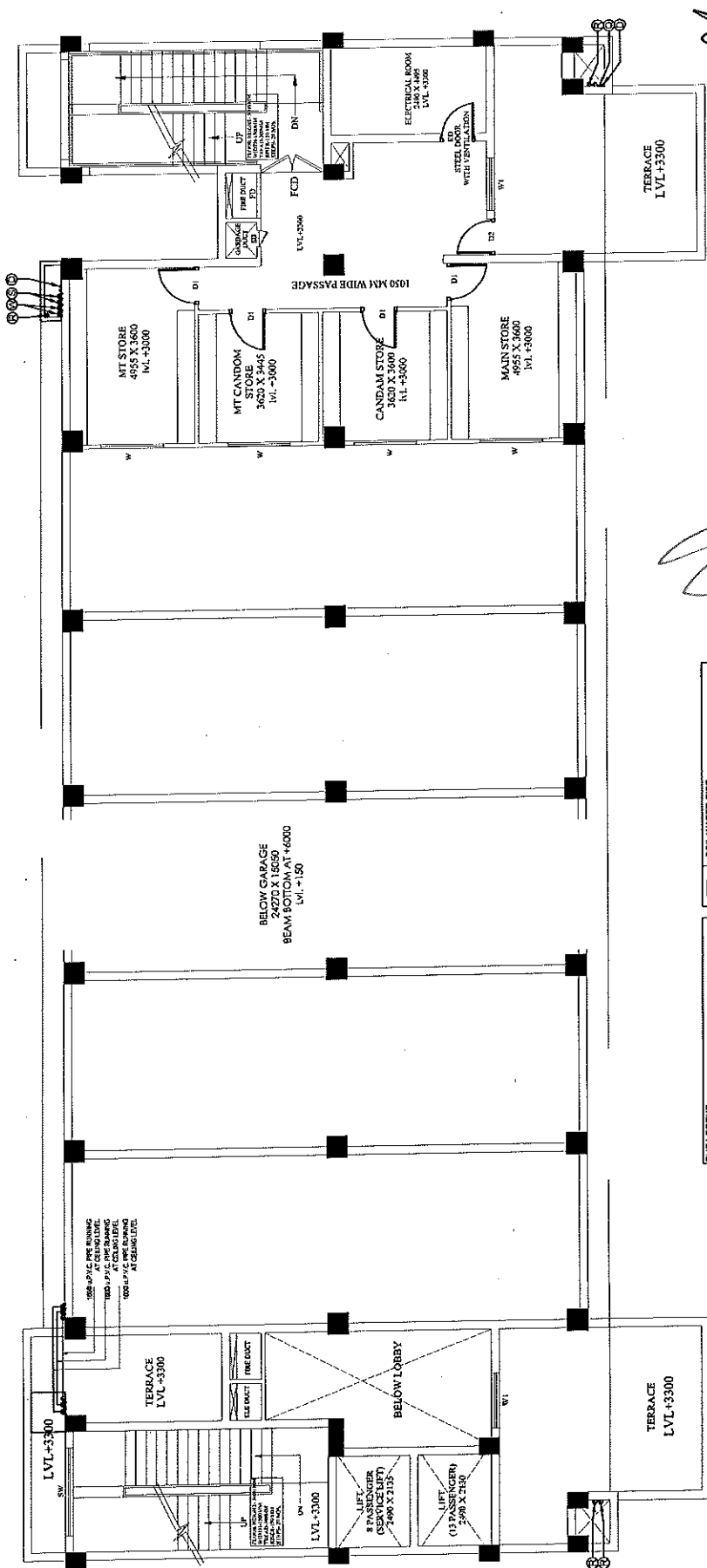
Building:-

ARCHITECTURAL CONSULTANTS:-
 SWASTIKA
 ARCHITECTS & INTERIOR DESIGNERS
 SS-2 AGF-115 SECTOR-10 SURYANAGAR CITY
 SHABED PATHI (DCKN-22007)
 MOBILE: 9868888888
 email: shabedpathi@gmail.com

SHR & PRIIT
 CONSULTING ENGINEERS (P. LTD)
 A-10, INDUSTRIAL AREA, PHASE-1, GATE NO. 1
 SURYANAGAR, DISTRICT KASGANJ, U.P. 201001

इकाई प्रभारी
 ४० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

निर्माण प्रभारी
 ४० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

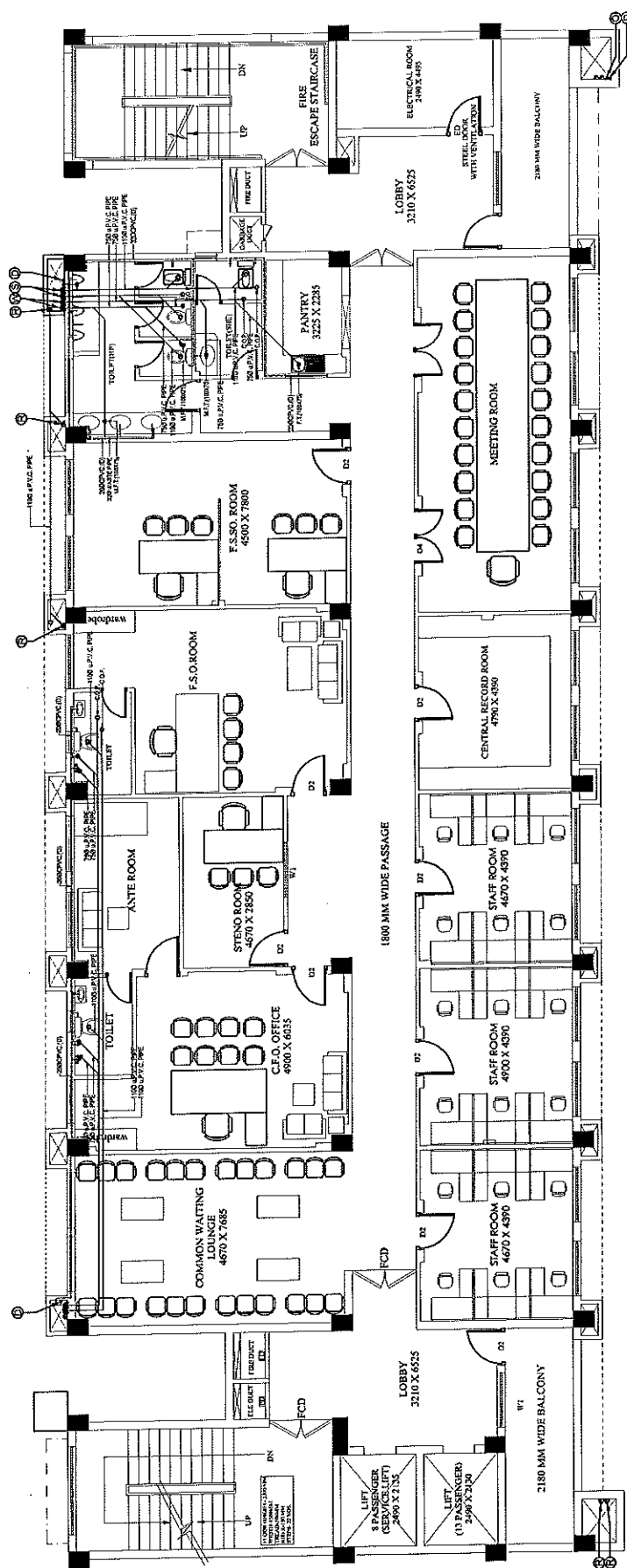


SYMBOL	DESCRIPTION
1	1000 UPVC PIPE FOR SOIL AND VENT
2	1000 UPVC PIPE FOR WASTE AND VENT
3	1000 UPVC PIPE FOR WASTE AND VENT
4	1000 UPVC PIPE FOR WASTE AND VENT
5	1000 UPVC PIPE FOR WASTE AND VENT
6	1000 UPVC PIPE FOR WASTE AND VENT
7	1000 UPVC PIPE FOR WASTE AND VENT
8	1000 UPVC PIPE FOR WASTE AND VENT
9	1000 UPVC PIPE FOR WASTE AND VENT
10	1000 UPVC PIPE FOR WASTE AND VENT
11	1000 UPVC PIPE FOR WASTE AND VENT
12	1000 UPVC PIPE FOR WASTE AND VENT
13	1000 UPVC PIPE FOR WASTE AND VENT
14	1000 UPVC PIPE FOR WASTE AND VENT
15	1000 UPVC PIPE FOR WASTE AND VENT
16	1000 UPVC PIPE FOR WASTE AND VENT
17	1000 UPVC PIPE FOR WASTE AND VENT
18	1000 UPVC PIPE FOR WASTE AND VENT
19	1000 UPVC PIPE FOR WASTE AND VENT
20	1000 UPVC PIPE FOR WASTE AND VENT
21	1000 UPVC PIPE FOR WASTE AND VENT
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99	1000 UPVC PIPE FOR WASTE AND VENT
100	1000 UPVC PIPE FOR WASTE AND VENT

अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई अग्रा

शिव प्रकाश बाजपेयी
अवर अभियन्ता (सिविल),
उ० प्र० पुलिस आवास निगम

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	CLIENT:- HOME DEPARTMENT	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- FIRST FLOOR PLAN (PLUMBING SERVICES)	G.M.:- P.M.:- S.R.E.:-	Dwg. No. Scale Date	Drawn by P-15 Checked by A1200 Date FEB/2023	ARCHITECTURAL CONSULTANTS:- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2, 3RD FLOOR, SECTOR-D, SUKANT GOLF CITY MOBILE-9799453111 swastikaarchitects@gmail.com	SHR & PROI CONSULTING ENGINEERS P. LTD. A-10, JALPAKAR NAGAR, SURAT, GUJARAT-395007 Tel: 0261-2541111, 0261-2541112, 0261-2541113 www.shrproi.com
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३०.३० प्रभारी
पुलिस आवास निगम लि.
बिमल इकाई आवास

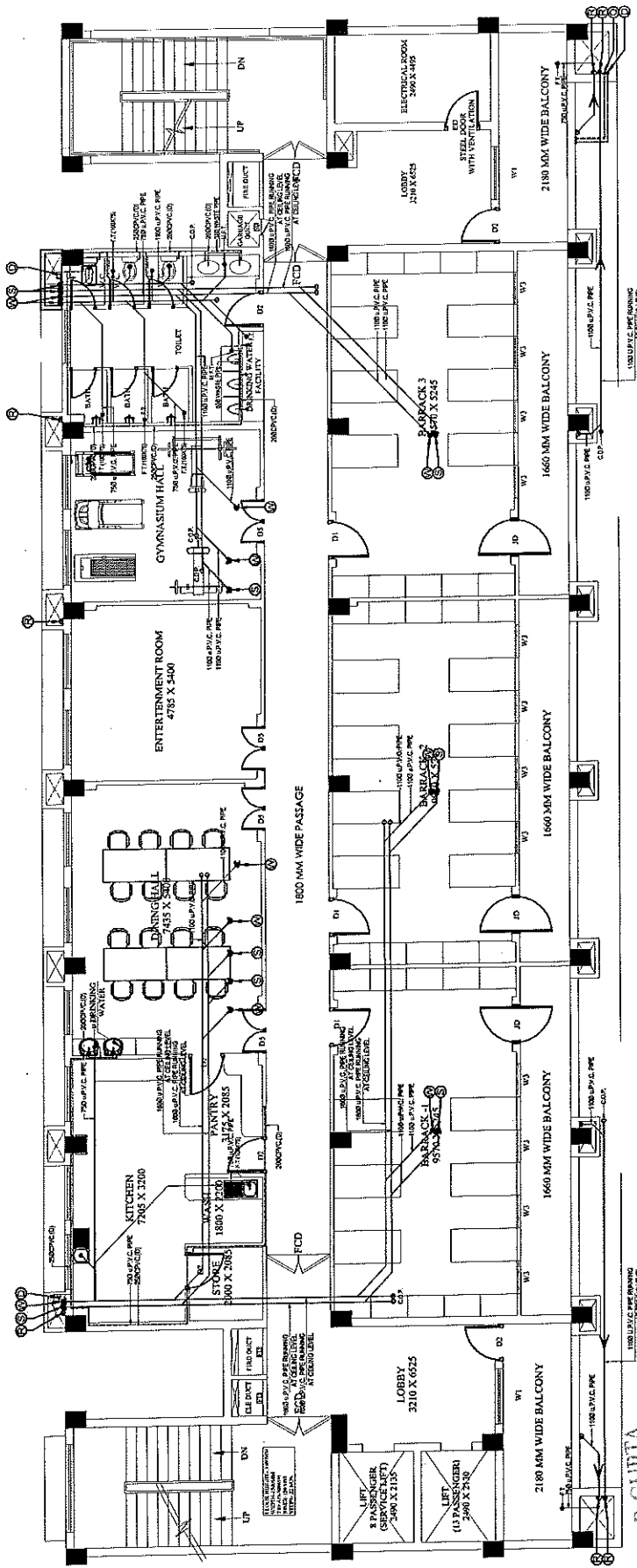
अमरजीत चौहान
प्रभारी सहायक अभियन्ता
BOMD पुलिस आवास निर्माण
निर्माण इकाई आपरा

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श्री प्रकाश वाजपेयी
अवर अभियन्ता (सिविल),
प्र० पुलिस आवारस निगम
सिर्फास बकाई - आगरा

PROJECT:-	AGENCY:-	BUILDING:-	DRAWING TITLE:-	G.M. :- P.M. :- S.E. :-	Dwg. No. Scale Date	Drawn by Checked by Approved by	ARCHITECTURAL CONSULTANTS :- SWASTIKA ARCHITECTS & ENGINEERS 8552 AGT-106 STREET 10 SUSHANT GOLE CITY SHREE PATH LUCKNOW-226026. MOBILE-9795433111 swastikaarchitects@gmail.com.	SHEET & PART CONSULTING ENGINEERS LTD. 101/102, 103/104, 105/106, 107/108, 109/110, 111/112, 113/114, 115/116, 117/118, 119/120, 121/122, 123/124, 125/126, 127/128, 129/130, 131/132, 133/134, 135/136, 137/138, 139/140, 141/142, 143/144, 145/146, 147/148, 149/150, 151/152, 153/154, 155/156, 157/158, 159/160, 161/162, 163/164, 165/166, 167/168, 169/170, 171/172, 173/174, 175/176, 177/178, 179/180, 181/182, 183/184, 185/186, 187/188, 189/190, 191/192, 193/194, 195/196, 197/198, 199/200, 201/202, 203/204, 205/206, 207/208, 209/210, 211/212, 213/214, 215/216, 217/218, 219/220, 221/222, 223/224, 225/226, 227/228, 229/230, 231/232, 233/234, 235/236, 237/238, 239/240, 241/242, 243/244, 245/246, 247/248, 249/250, 251/252, 253/254, 255/256, 257/258, 259/260, 261/262, 263/264, 265/266, 267/268, 269/270, 271/272, 273/274, 275/276, 277/278, 279/280, 281/282, 283/284, 285/286, 287/288, 289/290, 291/292, 293/294, 295/296, 297/298, 299/300, 301/302, 303/304, 305/306, 307/308, 309/310, 311/312, 313/314, 315/316, 317/318, 319/320, 321/322, 323/324, 325/326, 327/328, 329/330, 331/332, 333/334, 335/336, 337/338, 339/340, 341/342, 343/344, 345/346, 347/348, 349/350, 351/352, 353/354, 355/356, 357/358, 359/360, 361/362, 363/364, 365/366, 367/368, 369/370, 371/372, 373/374, 375/376, 377/378, 379/380, 381/382, 383/384, 385/386, 387/388, 389/390, 391/392, 393/394, 395/396, 397/398, 399/400, 401/402, 403/404, 405/406, 407/408, 409/410, 411/412, 413/414, 415/416, 417/418, 419/420, 421/422, 423/424, 425/426, 427/428, 429/430, 431/432, 433/434, 435/436, 437/438, 439/440, 441/442, 443/444, 445/446, 447/448, 449/450, 451/452, 453/454, 455/456, 457/458, 459/460, 461/462, 463/464, 465/466, 467/468, 469/470, 471/472, 473/474, 475/476, 477/478, 479/480, 481/482, 483/484, 485/486, 487/488, 489/490, 491/492, 493/494, 495/496, 497/498, 499/500, 501/502, 503/504, 505/506, 507/508, 509/510, 511/512, 513/514, 515/516, 517/518, 519/520, 521/522, 523/524, 525/526, 527/528, 529/530, 531/532, 533/534, 535/536, 537/538, 539/540, 541/542, 543/544, 545/546, 547/548, 549/550, 551/552, 553/554, 555/556, 557/558, 559/560, 561/562, 563/564, 565/566, 567/568, 569/570, 571/572, 573/574, 575/576, 577/578, 579/580, 581/582, 583/584, 585/586, 587/588, 589/590, 591/592, 593/594, 595/596, 597/598, 599/600, 601/602, 603/604, 605/606, 607/608, 609/610, 611/612, 613/614, 615/616, 617/618, 619/620, 621/622, 623/624, 625/626, 627/628, 629/630, 631/632, 633/634, 635/636, 637/638, 639/640, 641/642, 643/644, 645/646, 647/648, 649/650, 651/652, 653/654, 655/656, 657/658, 659/660, 661/662, 663/664, 665/666, 667/668, 669/670, 671/672, 673/674, 675/676, 677/678, 679/680, 681/682, 683/684, 685/686, 687/688, 689/690, 691/692, 693/694, 695/696, 697/698, 699/700, 701/702, 703/704, 705/706, 707/708, 709/710, 711/712, 713/714, 715/716, 717/718, 719/720, 721/722, 723/724, 725/726, 727/728, 729/730, 731/732, 733/734, 735/736, 737/738, 739/740, 741/742, 743/744, 745/746, 747/748, 749/750, 751/752, 753/754, 755/756, 757/758, 759/760, 761/762, 763/764, 765/766, 767/768, 769/770, 771/772, 773/774, 775/776, 777/778, 779/780, 781/782, 783/784, 785/786, 787/788, 789/790, 791/792, 793/794, 795/796, 797/798, 799/800, 801/802, 803/804, 805/806, 807/808, 809/810, 811/812, 813/814, 815/816, 817/818, 819/820, 821/822, 823/824, 825/826, 827/828, 829/830, 831/832, 833/834, 835/836, 837/838, 839/840, 841/842, 843/844, 845/846, 847/848, 849/850, 851/852, 853/854, 855/856, 857/858, 859/860, 861/862, 863/864, 865/866, 867/868, 869/870, 871/872, 873/874, 875/876, 877/878, 879/880, 881/882, 883/884, 885/886, 887/888, 889/890, 891/892, 893/894, 895/896, 897/898, 899/900, 901/902, 903/904, 905/906, 907/908, 909/910, 911/912, 913/914, 915/916, 917/918, 919/920, 921/922, 923/924, 925/926, 927/928, 929/930, 931/932, 933/934, 935/936, 937/938, 939/940, 941/942, 943/944, 945/946, 947
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93-362-3143652



RAHUL LAKSHAR GUPTA
C.A. (M.P. Plan)
CA 308000000

PIPE LEGEND	SYMBOL	DESCRIPTION
(A) (B)	1100 UPVC PIPE FOR SOIL AND VENT	
(A) (C)	1100 UPVC PIPE FOR RAIN WATER	
(A) (D)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (E)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (F)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (G)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (H)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
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(A) (J)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (K)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (L)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (M)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (N)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (O)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (P)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (Q)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (R)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (S)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (T)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (U)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (V)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (W)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
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(A) (Y)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	
(A) (Z)	1100 UPVC PIPE FOR DOMESTIC DOWNTAKE	

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SHAH & PRATI
CONSULTANTS

SHAH & PRATI
CONSULTANTS
30 PRO पुलिस आवास निगम लि.
निर्माण इकाई आगरा

अमरजीत चौहान
प्रमोद सहायक अभियन्ता
30 PRO पुलिस आवास निगम
निर्माण इकाई आगरा

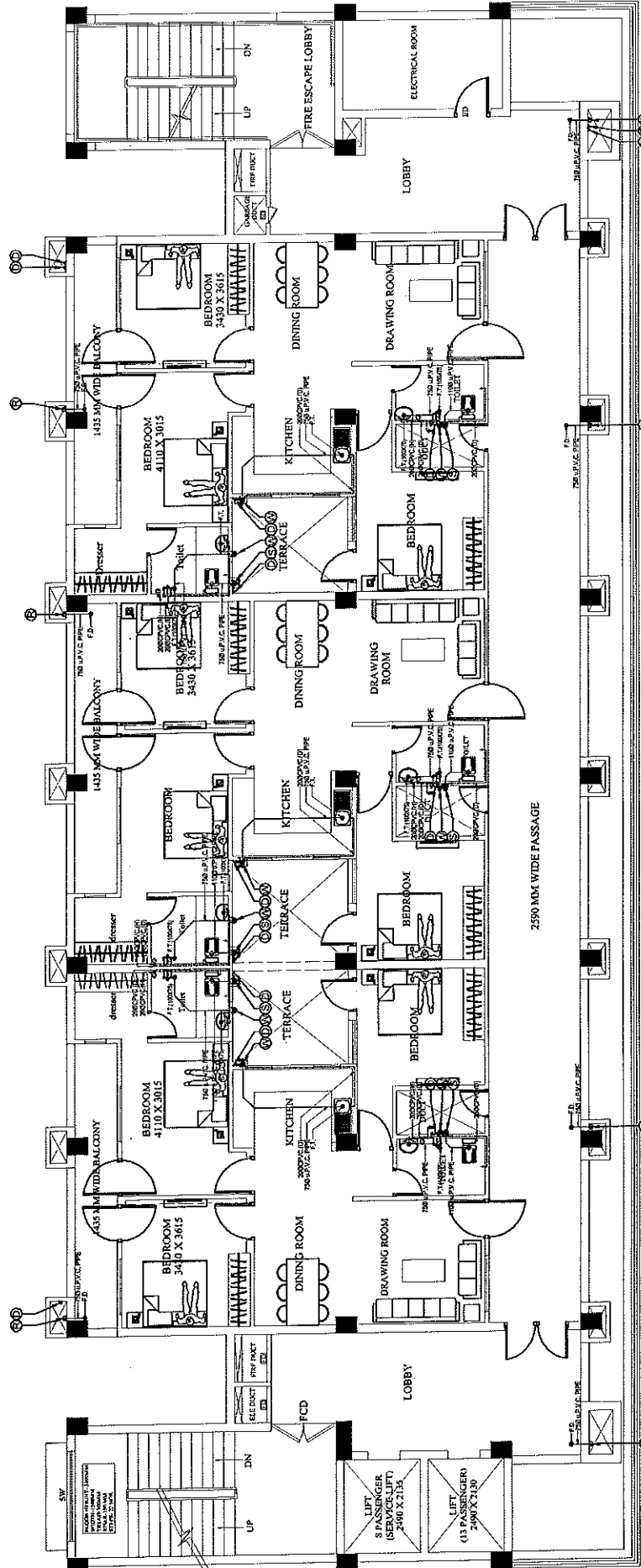
अमरजीत चौहान
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30 PRO पुलिस आवास निगम
निर्माण इकाई आगरा

PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)
AGENCY:-	U.P. POLICE AWAS NIGAM LTD.
CLIENT:-	HOME DEPARTMENT
BUILDING:-	FIRE STATION (3/4 UNITS)
DRAWING TITLE:-	THIRD FLOOR PLAN (PLUMBING SERVICES)
G.M.:-	P.M.:-
DESIGNED BY:-	CHECKED BY:-
DATE:-	DATE:-
ARCHITECTURAL CONSULTANTS:-	SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-10 SECTOR-D SURYANANT GOLF CITY SHAHED PURI, GATE NO. 103/311 swastikaarchitects@gmail.com
Drawn by	ES-3/4/175/25-17
Checked by	A1-100
Date	FEB / 2026
Signature	M. PANT



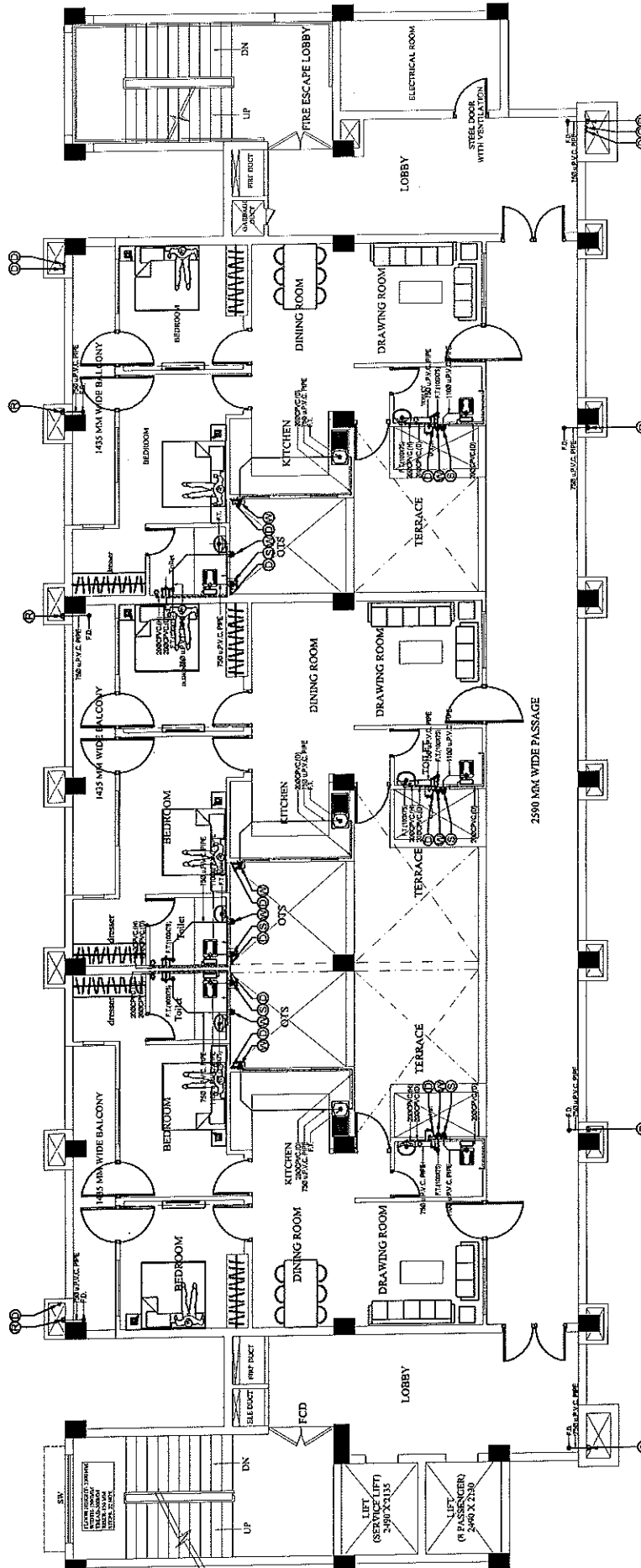

 डॉ. प्रकाश बाजपेयी
 सवर अभियन्ता (सिविल)
 ४० प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा

अमरजीत चौहान
 प्रमारी सहायक अभियन्ता
 ४० प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा


 डॉ. प्रकाश बाजपेयी
 ४० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

PRAPHULLA NIMAR GUPTA
 (Baron M.Plan)
 ४० प्र० पुलिस आवास निगम लि.
 निर्माण इकाई आगरा

PROJECT:-		AGENCY:-		BUILDING:-		DRAWING TITLE:-		G.M. :-		Drg. No.		ARCHITECTURAL CONSULTANTS :-	
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)		U.P. POLICE AWAS NIGAM LTD.		FIRE STATION (3/4 UNITS)		FOURTH FLOOR PLAN (PLUMBING SERVICES)		P.M. :-		ES-3/A/JES/SIP - 18		SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGP-I LG SECTOR-2 SUKHANUT GOLF CITY SHAHED PATH LUCKNOW-226029, swastikaandshd@gmail.com	
CLIENT:-		HOME DEPARTMENT						S.R.E. :-		Scale		ASIE	
										Date		Checked By	
										A1-100		M. PANT	
										FEB / 2026			



SYMBOL	DESCRIPTION
(A) (1)	100 UPVC PIPE FOR SOIL AND VENT
(A) (2)	100 UPVC PIPE FOR WASTE AND VENT
(A) (3)	100 UPVC PIPE FOR DOMESTIC WATER
(A) (4)	100 UPVC PIPE FOR DOMESTIC DRAINAGE
(A) (5)	100 UPVC PIPE FOR DOMESTIC WASTE FILLING
(A) (6)	100 UPVC PIPE FOR DOMESTIC WASTE FILLING
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(A) (100)	100 UPVC PIPE FOR DOMESTIC WASTE FILLING

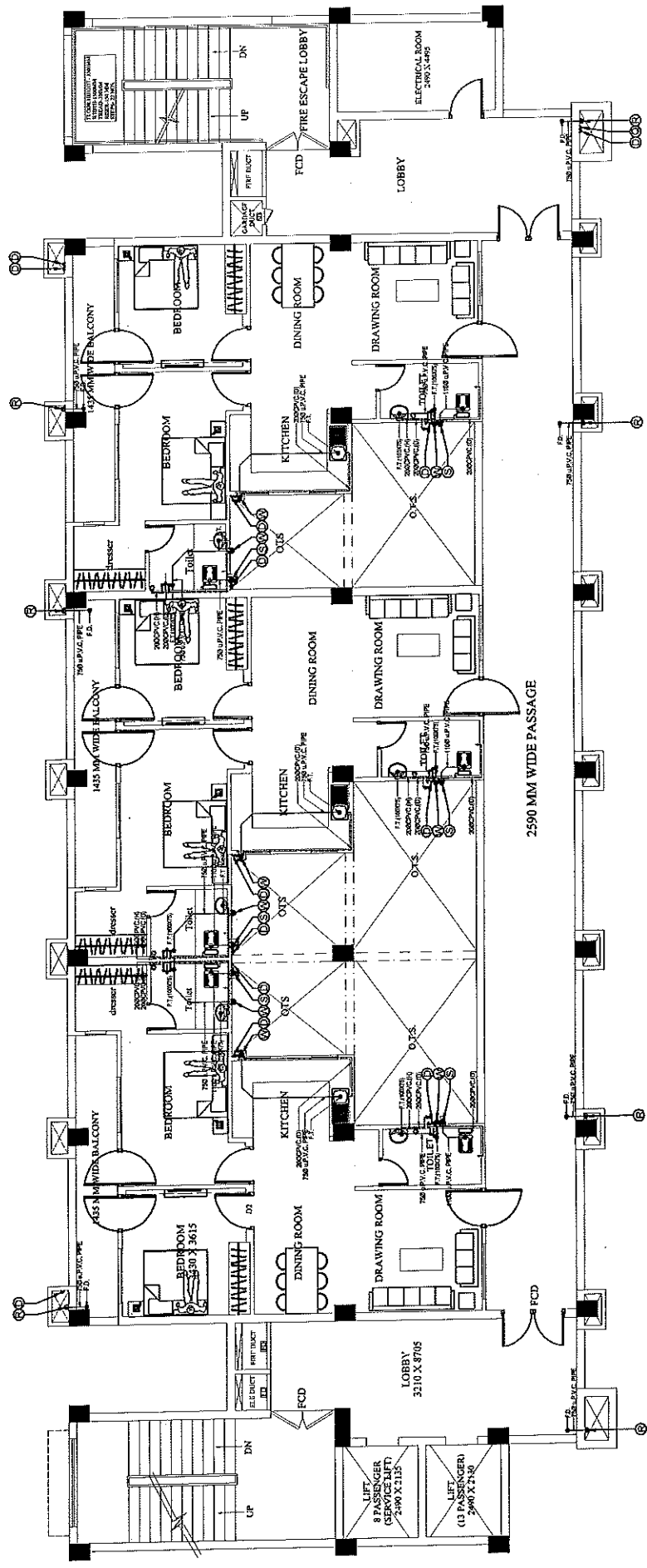
PRABHUPAL KUMAR GUPTA
D. ARCH. M.P. (2011)
C.A. 2003/243652

इकाई प्रमारी
80 प्र0 पुलिस आवास निगम लि.
निर्माण इकाई आगरा


अमरजीत चौहान
प्रमारी सहायक अभियन्ता
80 प्र0 पुलिस आवास निगम
निर्माण इकाई आगरा


वन्दन प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
80 प्र0 पुलिस आवास निगम
निर्माण इकाई आगरा

PROJECT:-		PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANI (U.P.)		AGENCY:-		U.P. POLICE AWAS NIGAM LTD.		BUILDING:-		DRAWING TITLE:-		G.M. :-		Dwg. No.		Drawn by		ARCHITECTURAL CONSULTANTS :-		UPVCE Consultant	
CLIENT:-		HOME DEPARTMENT						FIRE STATION (3/4 UNITS)		FIFTH FLOOR PLAN (PLUMBING SERVICES)		P.M. :-		ES-3/111/25/ASP-19		Checked By		SWASTIKA		SHR 4. PRIT	
												S.R.E. :-		Scale		ASPE		ARCHITECTURAL CONSULTANTS		CONSULTING ENGINEERS (P. LTD.)	
														Date		A-100		SS2 AGF-16 SECTOR-12 SURYANT GOLF CITY		SHAHADAT KHAN, P.O. (B) KASGANI, DISTRICT KASGANI, U.P.	
														FEB / 2026		M. PANT		MOBILE 9795453511		SHAHADAT KHAN, P.O. (B) KASGANI, DISTRICT KASGANI, U.P.	
																		swastikaarchitects@gmail.com		SHAHADAT KHAN, P.O. (B) KASGANI, DISTRICT KASGANI, U.P.	
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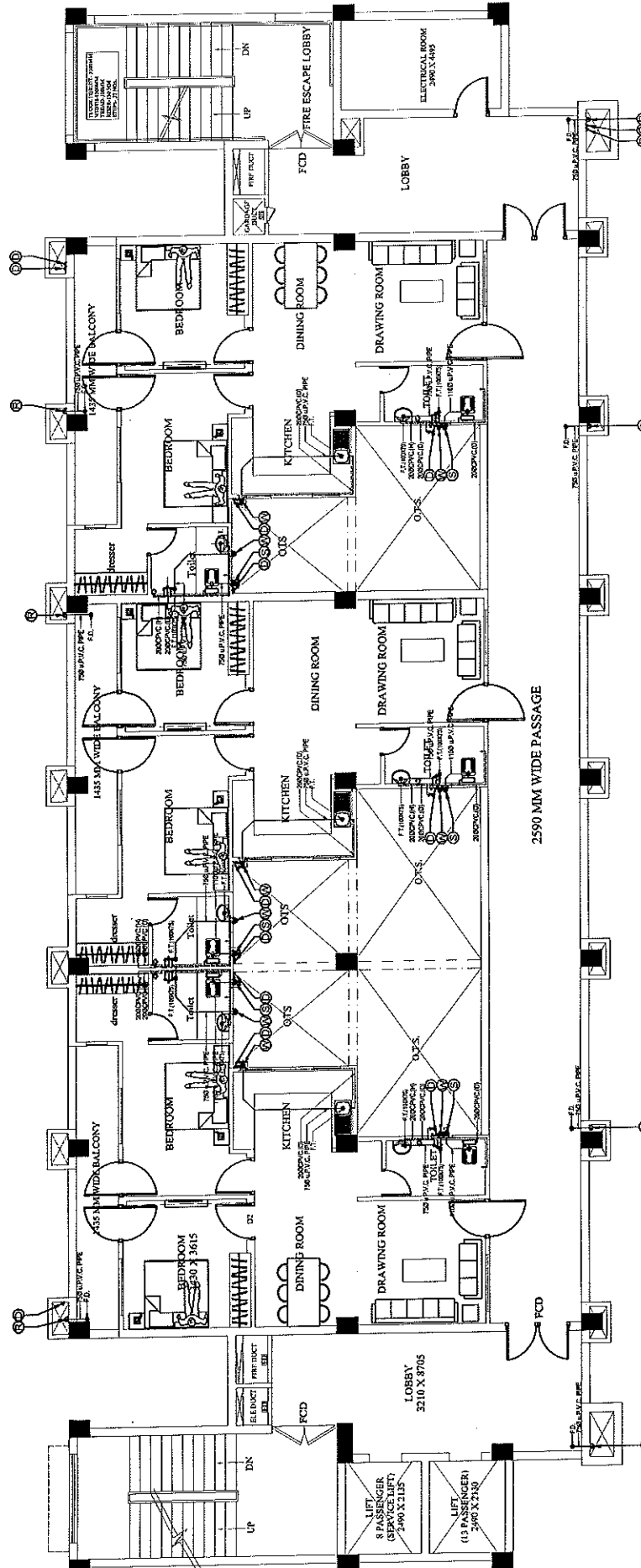
30 प्रो पुलिस आवास निगम लि.
निर्माण इकाई आगरा


अमरजीत चौहान
प्रभारी सहायक अभियन्ता
HOD/प्र० पुलिस आवास विभाग
निर्माण इकाई आगरा


 (श्री. प्रकाश राजपुरोहित)
 अवर कमिश्नर (सिविल),
 २०० प्र० पुलिस आवारास निगम
 निर्माण दुकान - आगरा

SYMBOL	DESCRIPTION
1	1" GALV. CORR. STEEL
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100	100" GALV. CORR. STEEL

<div>  <div> <div>U.P. POLICE AWANS NIGAM LTD.</div> <div> <div>PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)</div> </div> </div> </div>	<div> <div>AGENCY:-</div> <div>U.P. POLICE AWANS NIGAM LTD.</div> <div>CLIENT:-</div> <div>HOME DEPARTMENT</div> </div>	<div> <div>BUILDING:-</div> <div>FIRE STATION (3/4 UNITS)</div> </div>	<div> <div>DRAWING TITLE:-</div> <div>SIXTH FLOOR PLAN (PLUMBING SERVICES)</div> </div>	<div> <div>G.M. :-</div> <div>P.M. :-</div> <div>S.R.E. :-</div> </div>	<div> <div>Fig. No.</div> <div>Scale</div> <div>Date</div> </div>	<div> <div>Drawn by</div> <div>Checked By</div> </div>	<div> <div>ARCHITECTURAL CONSULTANTS :-</div> <div> <div>SWASTIKA</div> <div>ARCHITECTURAL CONSULTANTS</div> <div>SS-46F-11 SECTOR, LUCKNOW GOLF CITY</div> <div>SHAHJEED PATH, LUCKNOW-226029.</div> <div>MOBILE-9793453511</div> <div>swastikaarch@gmail.com.</div> </div> </div>	<div> <div>Services Creditable</div> <div>  <div> <div>SHAH & PANTI</div> <div>CONSULTANTS IN ARCHITECTURE</div> <div>101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 80</div></div></div></div>
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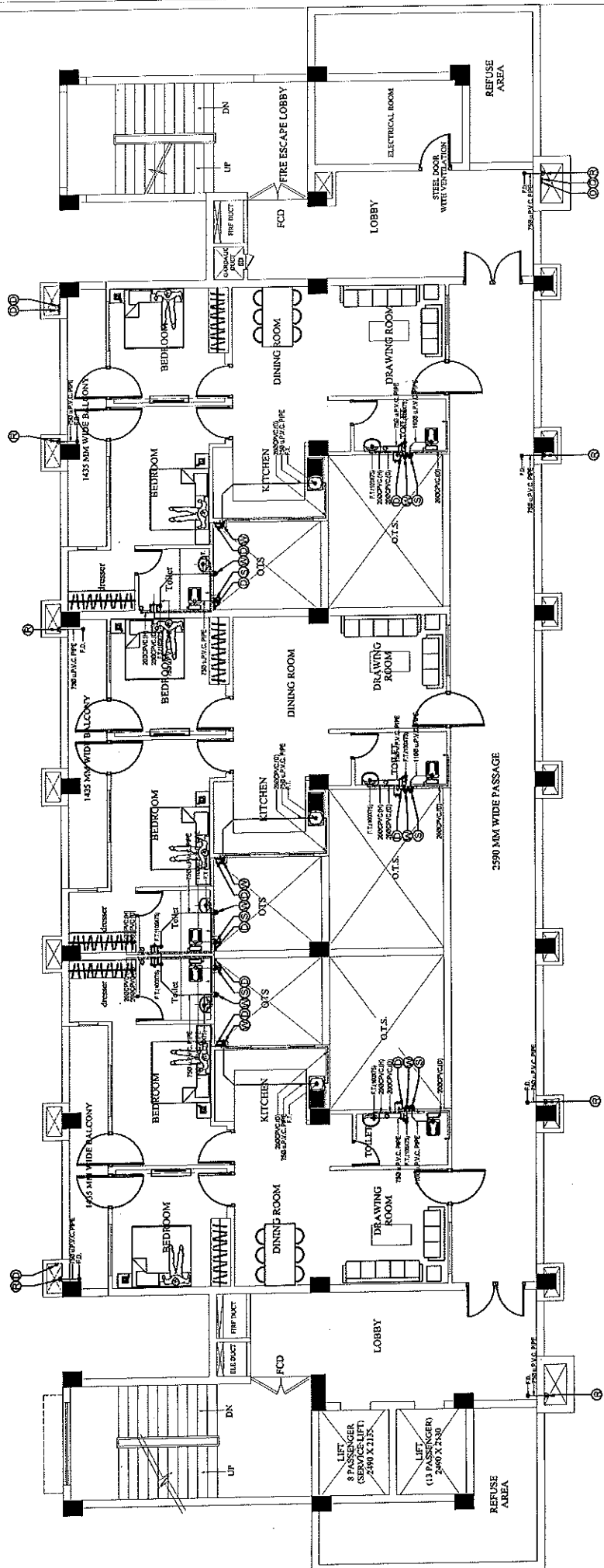
SYMBOL	DESCRIPTION
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प्रकाश बाजपेयी
अमरजीत चौहान
प्रमोद सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई अग्रा

प्रमोद प्रमोदी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई अग्रा

PRAPHULLAKUMAR GUPTA
(B.Arch, M.Planner)
CA/2008/43652

PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANI (U.P.)
AGENCY:-	U.P. POLICE AWAS NIGAM LTD.
CLIENT:-	HOME DEPARTMENT
BUILDING:-	FIRE STATION (3/4 UNITS)
DRAWING TITLE:-	SEVENTH FLOOR PLAN (PLUMBING SERVICES)
G.M.:-	P.M.:-
Dwg. No.	FS-3/4/PS-2/P-21
Scale	AS-100
Checked By	AS-100
Date	FEB / 2026
Drawn By	M. PANT
ARCHITECTURAL CONSULTANTS:-	SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY SHAIKHEED 74TH LUCKNOW-226009, MOBILE-9799453111 www.swastikaarchitects@gmail.com
Service Consultant	SHBH & PRADI CONSULTING ENGINEERS (P) LTD. A-10, KALKAJI MARG, KALKAJI, NEW DELHI-110019 MOBILE-9811000000, 9811000001



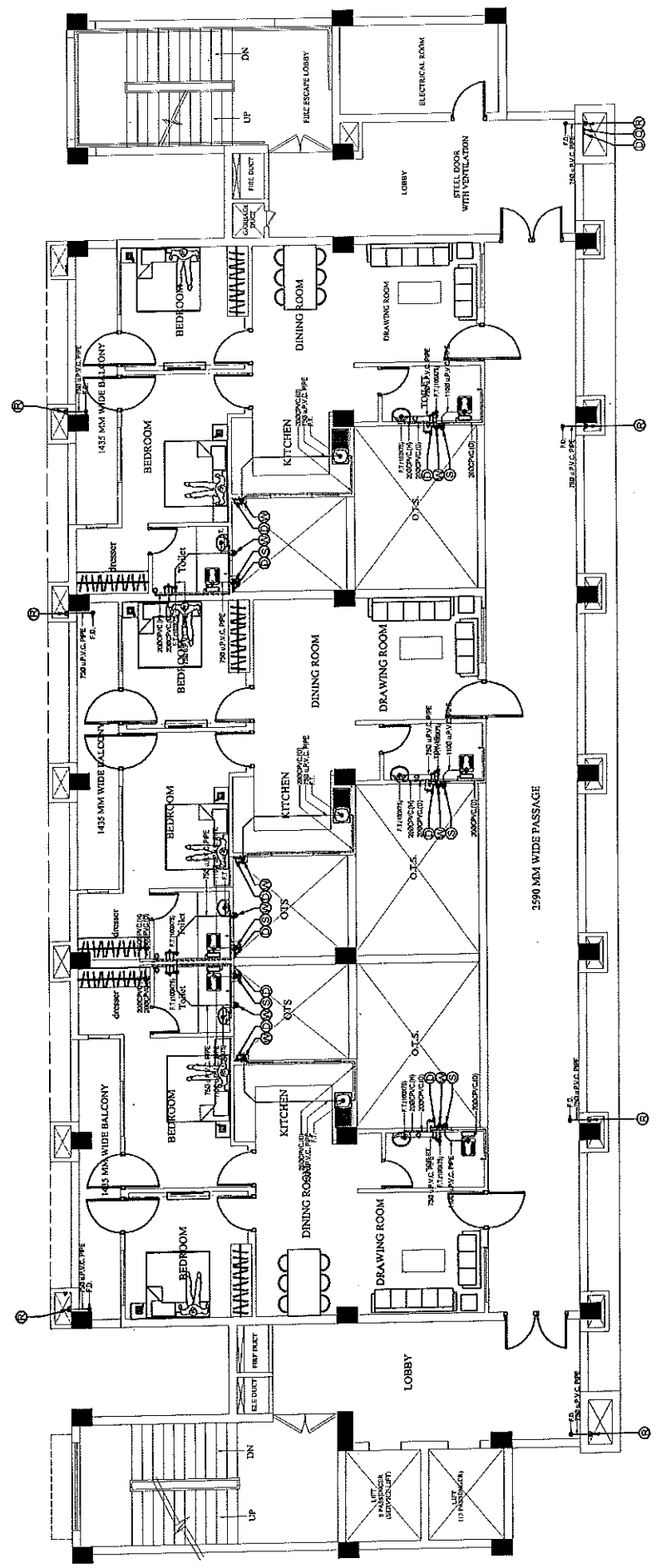
SYMBOL	DESCRIPTION
(1)	1000MM DIA. R/W FOR SANITARY
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(85)	1000MM DIA. R/W FOR WASTE AND VENT
(86)	1000MM DIA. R/W FOR WASTE AND VENT
(87)	1000MM DIA. R/W FOR WASTE AND VENT
(88)	1000MM DIA. R/W FOR WASTE AND VENT
(89)	1000MM DIA. R/W FOR WASTE AND VENT
(90)	1000MM DIA. R/W FOR WASTE AND VENT
(91)	1000MM DIA. R/W FOR WASTE AND VENT
(92)	1000MM DIA. R/W FOR WASTE AND VENT
(93)	1000MM DIA. R/W FOR WASTE AND VENT
(94)	1000MM DIA. R/W FOR WASTE AND VENT
(95)	1000MM DIA. R/W FOR WASTE AND VENT
(96)	1000MM DIA. R/W FOR WASTE AND VENT
(97)	1000MM DIA. R/W FOR WASTE AND VENT
(98)	1000MM DIA. R/W FOR WASTE AND VENT
(99)	1000MM DIA. R/W FOR WASTE AND VENT
(100)	1000MM DIA. R/W FOR WASTE AND VENT

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा


श्री प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

प्राणलाल कुमार गुप्ता
(अधीक्षक, म.प्रा.)
CA/309/43652


PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)
AGENCY:-	U.P. POLICE AWAS NIGAM LTD.
BUILDING:-	FIRE STATION (3/4 UNITS)
DRAWING TITLE:-	EIGHTH FLOOR PLAN (PLUMBING SERVICES)
GM:-	P.M.:-
Drawn by	SC/1/54/PS/22
Checked By	AS/1/100
Date	FEB/2028
ARCHITECTURAL CONSULTANTS:-	SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR - D SUSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029. MOBILE 9795493111 swastikaarchitects@gmail.com
SUPPLY CONTRACT:-	SHR & PROIT CONSULTING ENGINEERS (P) LTD. A-10, SECTOR-10, INDUSTRIAL AREA, LUCKNOW-226017. MOBILE 9795493111 shraproit@gmail.com

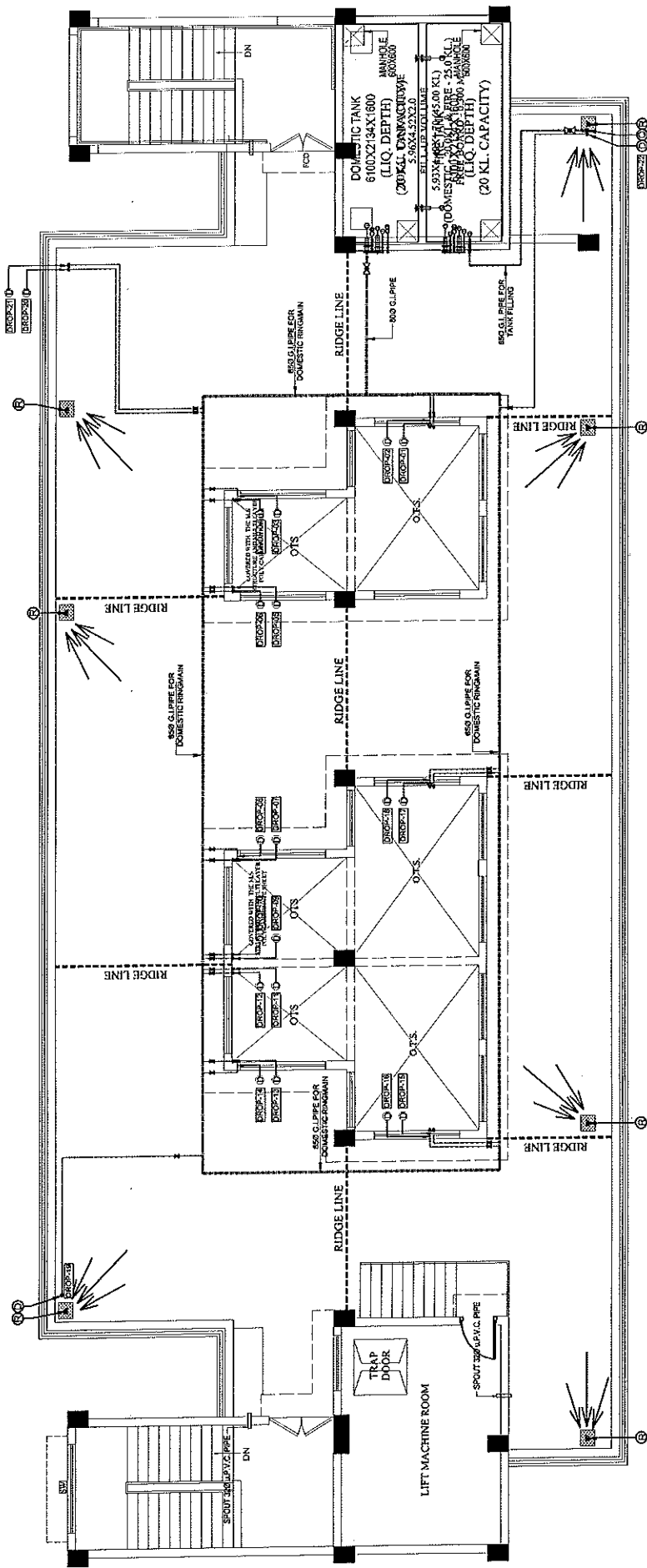


७० प्र० पुलिस आवारा निगम लि.
निमाण इकाई अगल


 डॉ. प्रकाश बाजपेयी
 अध्यक्ष अभियन्ता (सिविल)
 एन. एन. पुलिस आवास निगम

PIPE LEGEND	
SYMBOL	DESCRIPTION
1" Ø	1" Ø SPW PIPE FOR SOIL AND VENT
2" Ø	2" Ø SPW PIPE FOR SOIL AND VENT
1" Ø	1" Ø UPW PIPE FOR WATER AND VENT
2" Ø	2" Ø UPW PIPE FOR WATER AND VENT
Ø	Ø PVC PIPE FOR DOMESTIC TO DOWNTAKE
Ø	Ø PVC PIPE FOR DOMESTIC TO DOWNTAKE
Ø	Ø GLUP PIPE FOR DOMESTIC TANK FILLING
Ø	Ø GLUP PIPE FOR DOMESTIC TANK FILLING
Ø	Ø HOT WATER BUTTERFLY VALVES
Ø	Ø HOT WATER SUPPLY (GEYSER)
Ø	Ø DOMESTIC TO WATER SUPPLY PIPE
Ø	Ø FLUSHING WATER SUPPLY PIPE
Ø	Ø WASTE WATER PIPE
Ø	Ø SOIL WATER PIPE
Ø	Ø RAIN WATER PIPE
Ø	Ø HEAT EXCHANGER WITH 2-WAY BB COCK
Ø	Ø FLOOR TRAP (110/70)
Ø	Ø FLOOR TRAP (110/70) GRATING
Ø	Ø MULTI FLOOR TRAP (110/70/350/400)
Ø	Ø C.O.F
Ø	Ø CLEAN OUT PLUG
Ø	Ø STONE/DRAIN PIPE (Ø W. PIPE)
Ø	Ø 400/500 MANHOLE
Ø	Ø 300/500 GULLY TRAP
Ø	Ø 900/1200 MAN HOLE
Ø	Ø 900/1200 MAN HOLE


PROJECT:-	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- NINTH FLOOR PLAN (PLUMBING SERVICES)	G.M. :- P.M. :- S.E. :-	Dig. No. Scale Date	Drawn by Checked By	ARCHITECTURAL CONSULTANTS :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR -D BUSHANT GOLF CITY SHAHRAD PATEL LUCKNOW-226007, MOBILE-979945511 swastikaarchitect@gmail.com	Service Conditions :  SHRIL & PRIYI ARCHITECTS & INTERIORS C/O. RAJ KUMAR SINGH, 1ST FLOOR, KALKAJI MANSION, 10/10, JALPAKOTA ROAD, NEW DELHI-110014, INDIA TEL: +91 11 26123456, FAX: +91 11 26123456 E.C.: SWASTIKAA@GMAIL.COM Email: swastikaarchitect@gmail.com
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANI (U.P.)	CLIENT:- HOME DEPARTMENT				FEB / 2026	M. PANI		

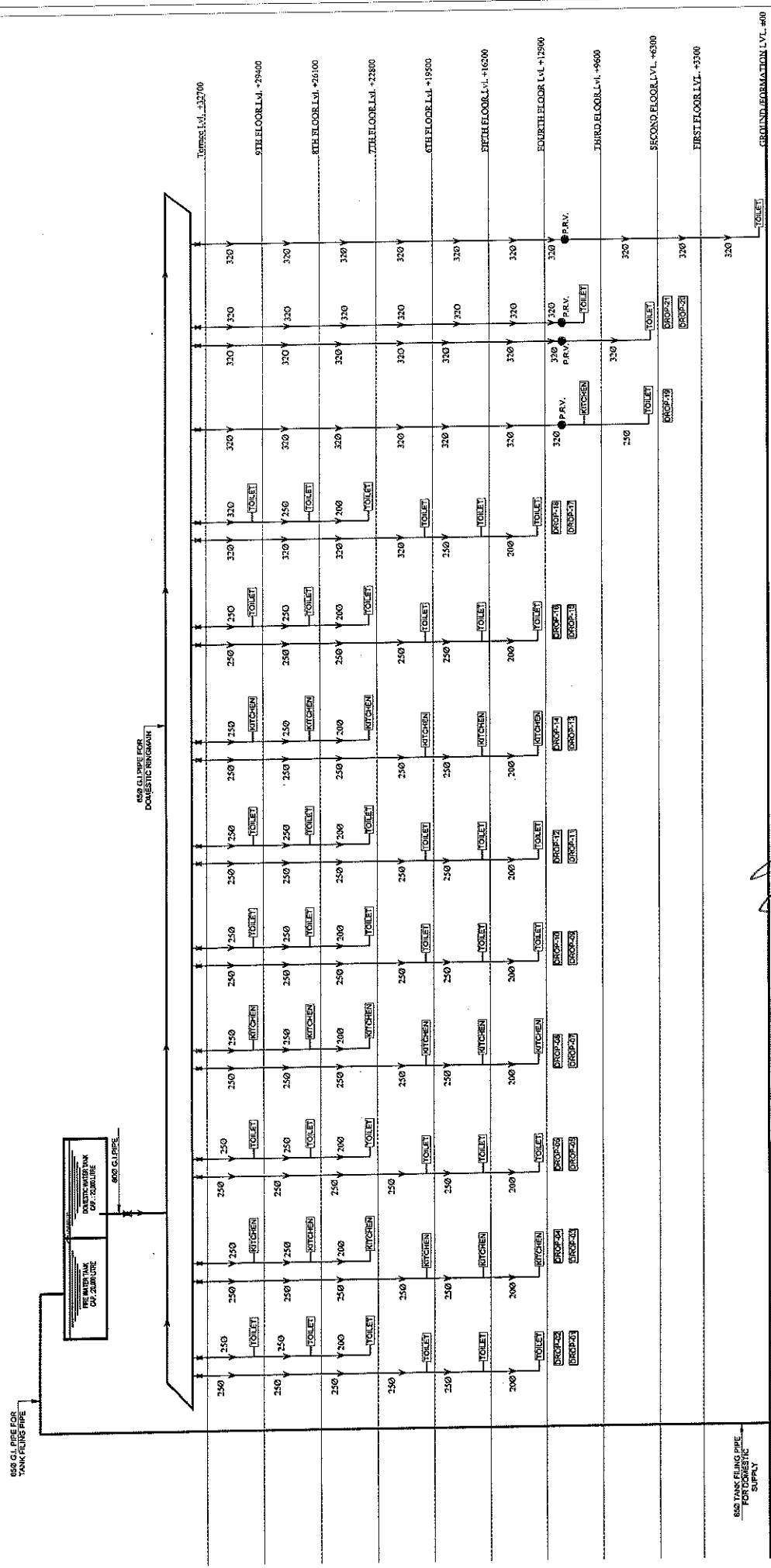


सुवर्गई प्रमारी
४० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगण

अमरजीत चौहान
प्रगरी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

बुद्ध प्रकाश बाजपय्यी
बुद्ध अभियन्ता (सिविल,
पाठ पुनिस आवास निगम
निर्माण इकाई - आ

PROJECT:-		AGENCY:-	BUILDING:-	DRAWING TITLE:-	G.M. :-	Eng. No.	Drawn by	ARCHITECTURAL CONSULTANTS :-	<div><div>SHRIH & PRATI CONSULTANTS C-107, PLOT NO. 10, INDUSTRIAL AREA PHASE II GATEWAY, GATEWAY, GATEWAY, GATEWAY, GATEWAY P.O. BOX NO. 10, GATEWAY, GATEWAY, GATEWAY, GATEWAY</div><div>SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-I IS SECTOR - 9 SURSHANT GOLF CITY SHAHEED PATH LUCKNOW-226029, swastikaarchitect@gmail.com,</div></div>
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SOKRON, DISTRICT KASGANJ (U.P.)		U.P. POLICE AWAS NIGAM LTD. HOME DEPARTMENT	FIRE STATION (3/4 UNITS)	TERRACE FLOOR PLAN (PLUMBING SERVICES)	P.M. :-	ES-3/H/L/S/SEP - 24	Checked By	ASIE	
					S.R.E. :-	Scale			
						Date			
						Feb / 2026			



WATER SUPPLY SCHEMATIC

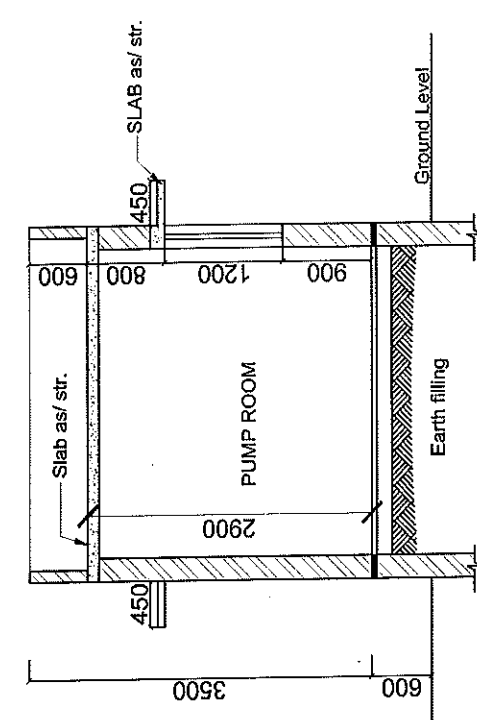
अमरजीति चौहान
प्रमारी सहायक अभियन्ता
उपप्रमो पुलिस आवास निगम
निर्माण इकाई अमरा

PAULANILAKSHMI GUPTA
(Architect, M. Plan)
0989843652

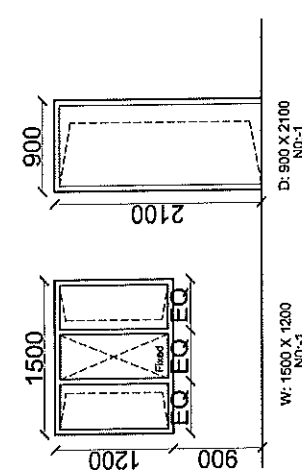
श्रीकाई प्रमारी
उपप्रमो पुलिस आवास निगम
निर्माण इकाई अमरा

PROJECT:- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANI (U.P.)	AGENCY:- U.P. POLICE AWAS NIGAM LTD.	CLIENT:- HOME DEPARTMENT	BUILDING:- FIRE STATION (3/4 UNITS)	DRAWING TITLE:- WATER SUPPLY SCHEMATIC (PLUMBING SERVICES)	G.M. :- P.M. :- S.R.I. :-	Dwg. No. PS-3/41/PS/25 SC-06 A1-100 Date FEB/2025	Drawn by Checked By M. PANT	ARCHITECTURAL CONSULTANTS :-	SHR & PANT
								ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-30 SUSHANT GOLF CITY SHAHED PATH LUCKNOW-226025, MOBILE-9794-93511 swastikaarchitects@gmail.com	

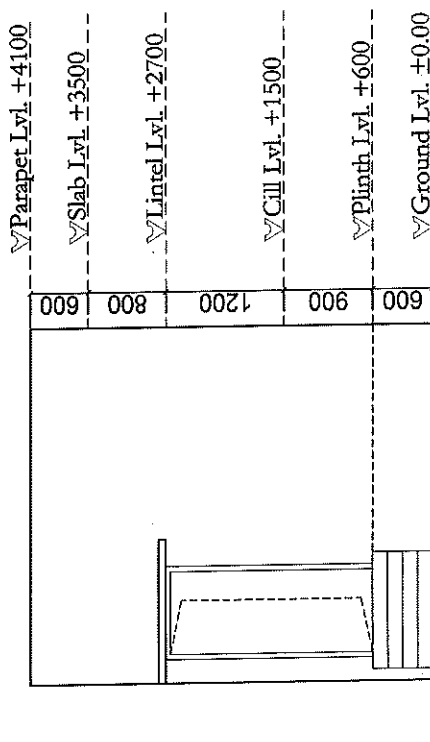
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANJ (U.P.)		CLIENT :- HOME DEPARTMENT	
BUILDING :-		DRG. TITLE :- PUMP ROOM DETAIL	
<div>NOTES :- 1. DRAWING AND PLAN. 2. ALL DIMENSIONS ARE IN MM. 3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE FOR WHICH IT IS PREPARED. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR COPIED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. 4. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA OR INFORMATION PROVIDED BY THE CLIENT OR ANY OTHER SOURCE. 5. THESE ARE ONLY THE CONCEPT PLANS. THE ACTUAL AREA MAY VARY AT THE TIME OF CONSTRUCTION. 6. ALL THE COLLASION SIZE SHOWN IN THE DRAWING ARE ONLY INDICATIVE. THE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENT OF THE CLIENT. 7. OTHER ANY REQUIRED DIRECT OTHER SERVICES CHUTE WILL BE PROVIDED AS PER THE REQUIREMENT OF THE CLIENT. 8. THE DRAWING IS BASED ON THE DATA PROVIDED BY THE CLIENT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA OR INFORMATION PROVIDED BY THE CLIENT OR ANY OTHER SOURCE. 9. THE DRAWING IS BASED ON THE DATA PROVIDED BY THE CLIENT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA OR INFORMATION PROVIDED BY THE CLIENT OR ANY OTHER SOURCE. 10. THE DRAWING IS BASED ON THE DATA PROVIDED BY THE CLIENT. THE ARCHITECT IS NOT RESPONSIBLE FOR THE ACCURACY OF THE DATA OR INFORMATION PROVIDED BY THE CLIENT OR ANY OTHER SOURCE.</div>			
MANAGER/ARCHT :-		G.M. :-	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM			
DATE :-	DRG. NO. :-	AR-01	
SCALE :-	NORTH :-		
DEALT BY :-	ARCHITECT :-		
TRANSMAN ERVA		AS. PRAPHULLA GUPTA	
ARCHITECTURAL CONSULTANT			
SWASTIKA			
ARCHITECTS & INTERIOR DESIGNERS			
SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY			
SHAHED PATH LUCKNOW-226009,			
MOBILE-979433511			
swastikarchitects@gmail.com			



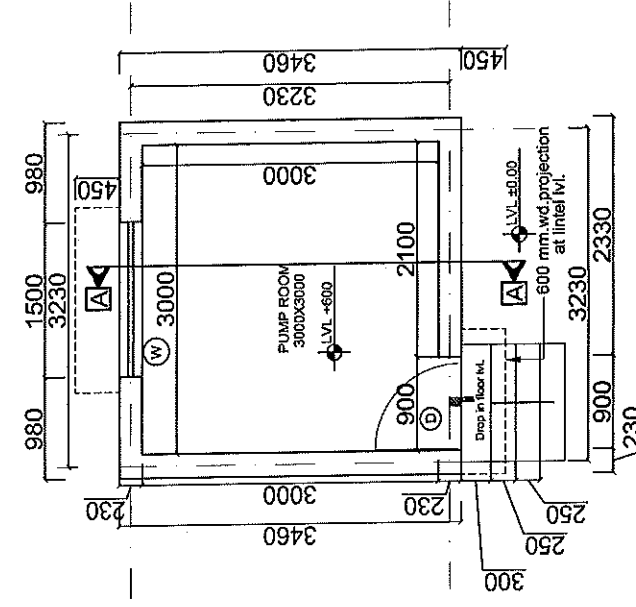
SECTION AT AA'



DOOR WINDOW DETAIL



FRONT ELEVATION



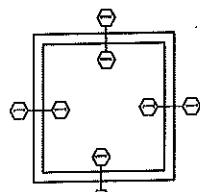
GROUND FLOOR PLAN
AREA-11.97 SQM

PRAPHULLA KUMAR GUPTA
(B.Arch/M.Arch)

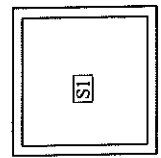
प्रकाश बाजपेयी
अर सभियन्ता (सिविल),
प्रो पुलिस आवास निगम,
सोरन, जिला - काशी

अमरजीत चौहान
प्रभारी सहायक अभियन्ता,
उप्र प्रो पुलिस आवास निगम,
निर्माण इकाई आगरा

इकाई प्रभारी
प्रो पुलिस आवास निगम,
निर्माण इकाई आगरा



FOUNDATION PLAN



DETAIL OF GROUND FLOOR SLAB
(i.e. terrace lvl.)

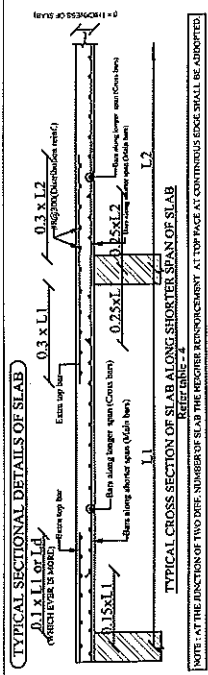
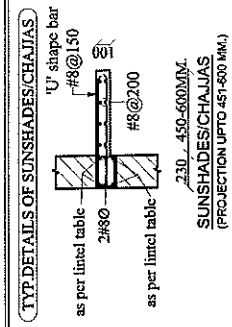
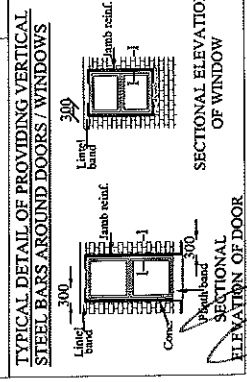
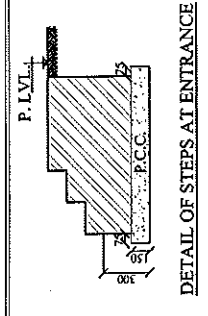
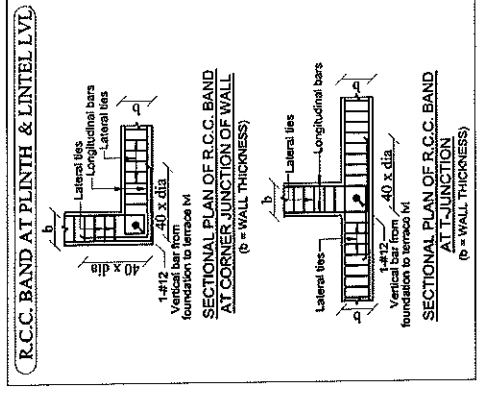
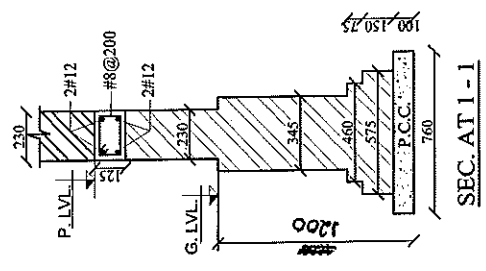
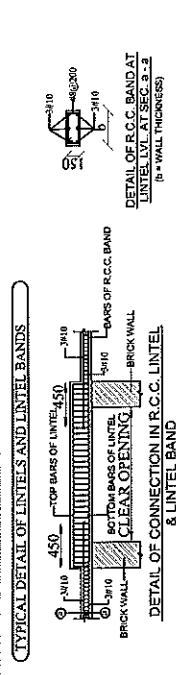


Table-4, Details of slab reinforcement.

Slab Numbers	Slab Type	Slab Depth (mm)	REINFORCEMENT		DESIGNED LIVE LOAD (KN/m ²)
			Parallel to Shorter Span (Main bars)	Parallel to Longer Span (Cross bars)	
S1	2-way	125	At Bottom face (Mid Span) #8@150cc	At Top face (Mid Span) #8@150cc At Top face (Extra bars at support) #8@150cc	0.75



(FOR LINTEL REFER TABLE-1)

TABLE-1, DETAIL OF LINTELS FOR DOOR / WINDOW LINTELS:

Slab No.	Slab Type	Slab Depth (mm)	FOR 230 TH WALL		FOR 150 TH WALL	
			Bottom Bars	Top Bars	Bottom Bars	Top Bars
1	2-way	125	2#10	2#10	2#10	2#10
2	2-way	125	2#10	2#10	2#10	2#10
3	2-way	125	2#10	2#10	2#10	2#10

PROJECT
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT
SARON, DISTT. - KASGANI, U.P.

BUILDING:-
PUMP ROOM

No.033-
(General)

1. The design is based on the following assumptions:-
a) The structure is designed for a service life of 50 years.
b) The structure is designed for a seismic zone of II.
c) The structure is designed for a wind speed of 40 m/sec.
d) The structure is designed for a maximum ground reaction of 100 kN/m².
e) The structure is designed for a maximum ground reaction of 100 kN/m².
f) The structure is designed for a maximum ground reaction of 100 kN/m².
g) The structure is designed for a maximum ground reaction of 100 kN/m².
h) The structure is designed for a maximum ground reaction of 100 kN/m².
i) The structure is designed for a maximum ground reaction of 100 kN/m².
j) The structure is designed for a maximum ground reaction of 100 kN/m².
k) The structure is designed for a maximum ground reaction of 100 kN/m².
l) The structure is designed for a maximum ground reaction of 100 kN/m².
m) The structure is designed for a maximum ground reaction of 100 kN/m².
n) The structure is designed for a maximum ground reaction of 100 kN/m².
o) The structure is designed for a maximum ground reaction of 100 kN/m².
p) The structure is designed for a maximum ground reaction of 100 kN/m².
q) The structure is designed for a maximum ground reaction of 100 kN/m².
r) The structure is designed for a maximum ground reaction of 100 kN/m².
s) The structure is designed for a maximum ground reaction of 100 kN/m².
t) The structure is designed for a maximum ground reaction of 100 kN/m².
u) The structure is designed for a maximum ground reaction of 100 kN/m².
v) The structure is designed for a maximum ground reaction of 100 kN/m².
w) The structure is designed for a maximum ground reaction of 100 kN/m².
x) The structure is designed for a maximum ground reaction of 100 kN/m².
y) The structure is designed for a maximum ground reaction of 100 kN/m².
z) The structure is designed for a maximum ground reaction of 100 kN/m².

CONSTRUCTION AGENCY:
U.P. POLICE AWAS NIGAM LTD.

ARCHITECT
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AG-110 SECTOR-D SUSANT GOLF COURSE
SHAHED PATH LUCKNOW-226001
MOBILES: 9770433101
swastikaarchitects@gmail.com

Drawn By: Himanshu
Designed By: Dr. Shant Kumar
Checked By: Dr. Shant Kumar
Date: Feb. 2016
Scale: N.T.S.
Sheet No.: ST-01 (REINFORCEMENT & STRUCTURE)

STRUCTURAL CONSULTANTS:-
MATRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)
1/12, Vardaan, Ganga Nagar, Lucknow-226010
Ph. - 0522710819, 0710790209, email - matrixstructures@gmail.com
web site - www.matrixstructures.com

Sheet Title:
DETAIL OF FOUNDATION & SLAB

REVISIONS

Rev.	No.	Date	By	For
1	1			

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आपरा

स्वाकई प्रभासी
उ०प्र० पुलिस आवास निगम लि
निर्माण इकाई आपरा

अश्व प्रकाश बाजपेयी
अवर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आपरा

PROJECT :-

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNIT)
AT DIFFERENT PLACES IN U.P.

CLIENT :-

HOME DEPARTMENT

BUILDING :-

DWG. TITLE :-

U.G. TANK(225 KL)

NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. THE DRAWING IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT.
3. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY VARY AT THE TIME OF PREPARING A DETAILED DRAWING. ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENT OF THE CLIENT.
4. OTHER ANY REQUIRED DUCT (OTHER SERVICES) CHUTE WILL BE PROVIDED AS PER REQUIREMENT.
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MANAGER (ARCH)

G.M. :-

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM

DATE :-

DRG. NO. :-

AR-01

SCALE :-

NORTH :-

DEALTY PRAPNULAKSHMI GUPTA

ARCHITECT

(BATCH M. Plan)

PRANSHU VERMA

ARCHITECTURAL CONSULTANT

SWASTIKA

ARCHITECTS & INTERIOR DESIGNERS

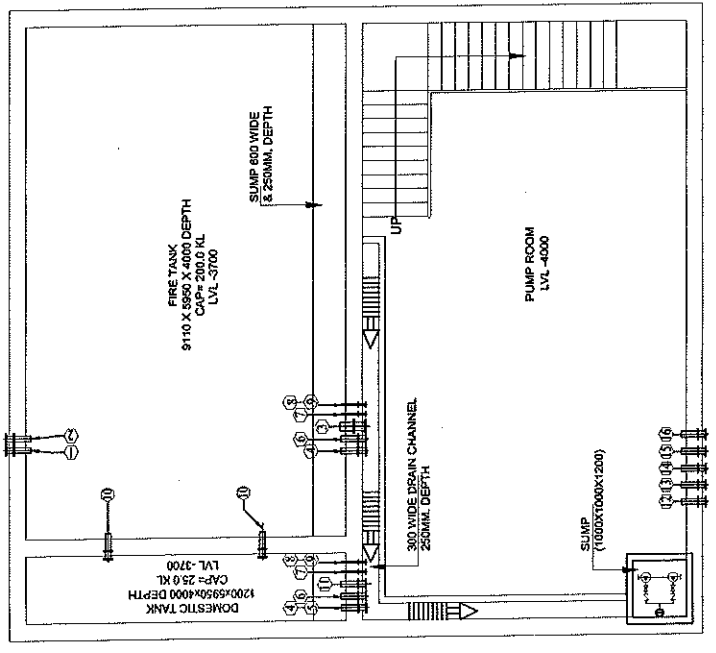
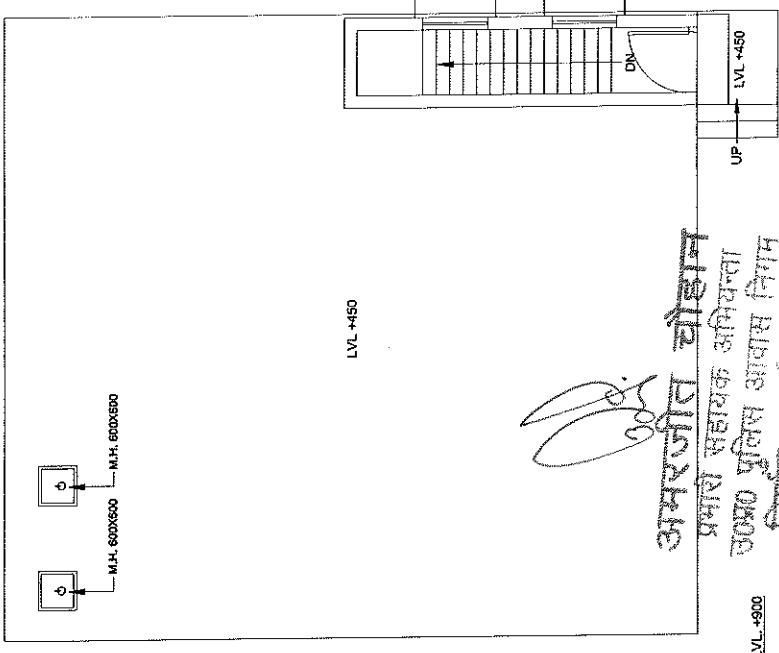
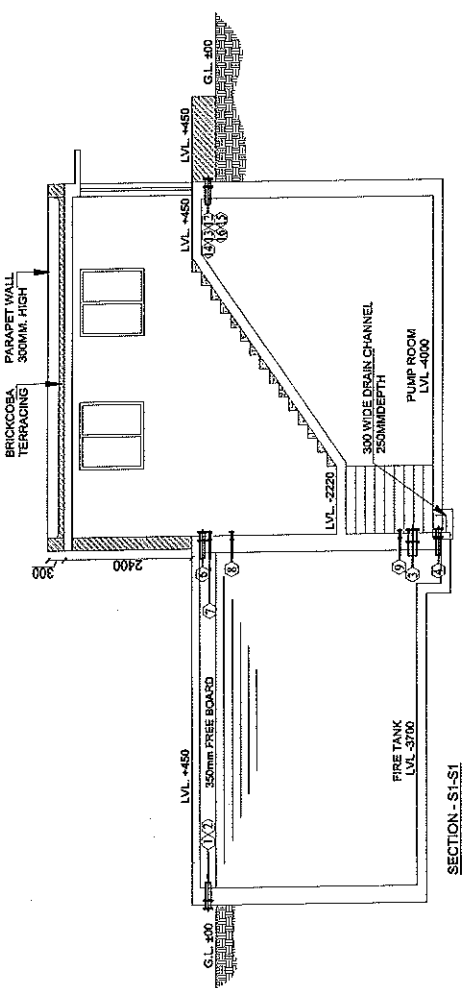
SS-2 AGF-110 SECTOR-20 SUSHANT GOLF CITY

SHARAD PATEL LUCKNOW-226005

MOBILE-9795453511

swastikaarchitects@gmail.com

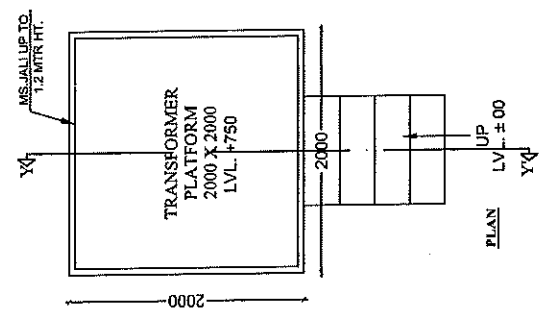
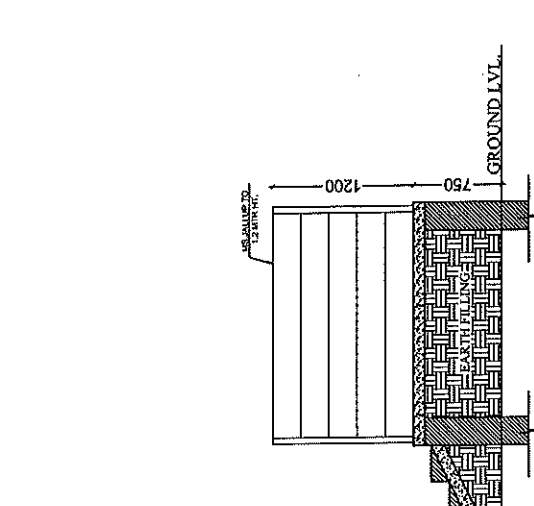
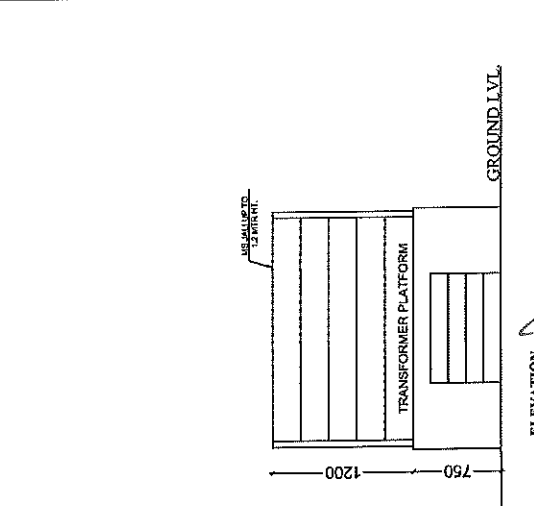
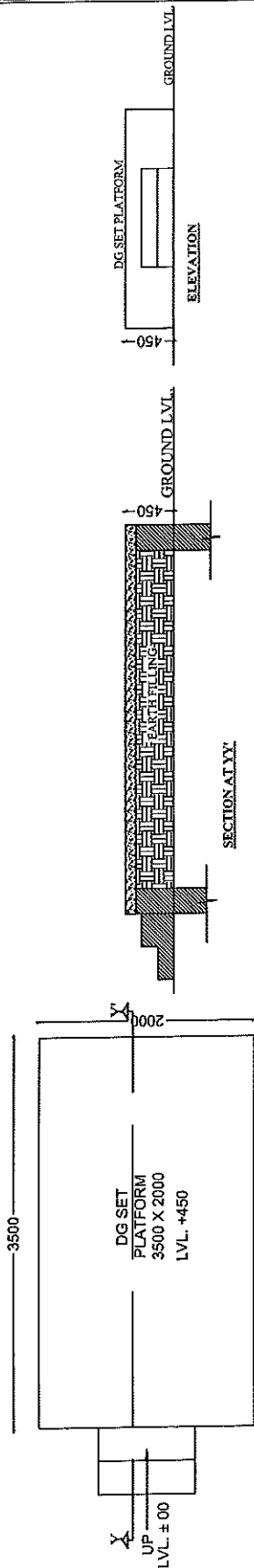
S.N.	UNDERGROUND WATER TANK	DIA	QTY.	LVL.
1.	Puddle flange for bore well connection	800	1 Nos.	+100
2.	Puddle flange for fire brigade connection	1500	1 Nos.	+100
3.	Puddle flange for suction pipe	2000	1 Nos.	-3700
4.	Puddle flange for drain out	800	2 Nos.	-4150
5.	Puddle flange for over flow to plant room	1500	2 Nos.	+00
6.	Puddle flange for vent	800	2 Nos.	+200
7.	Puddle flange for level controller	500	2 Nos.	+100
8.	Puddle flange for level indicator (TOP)	500	2 Nos.	-300
9.	Puddle flange for level indicator (BOTTOM)	500	2 Nos.	-3400
10.	Over flow pipe fire tank to domestic tank	1500	2 Nos.	+00
11.	Puddle flange for domestic suction pipe	1000	1 Nos.	-3700
12.	Puddle flange for sump discharge pipe	1000	1 Nos.	+100
13.	Puddle flange for domestic pump pipe	1000	1 Nos.	+100
14.	Puddle flange for hydrant pipe	1500	1 Nos.	+100
15.	Puddle flange for sprinkler pipe	1500	1 Nos.	+100
16.	Puddle flange for spare	1500	1 Nos.	+100



अमरजीत चौहान
प्रमोद सहायक अभियन्ता
उपमो प्रो पुलिस आवास निगम
निर्माण इकाई आगरा

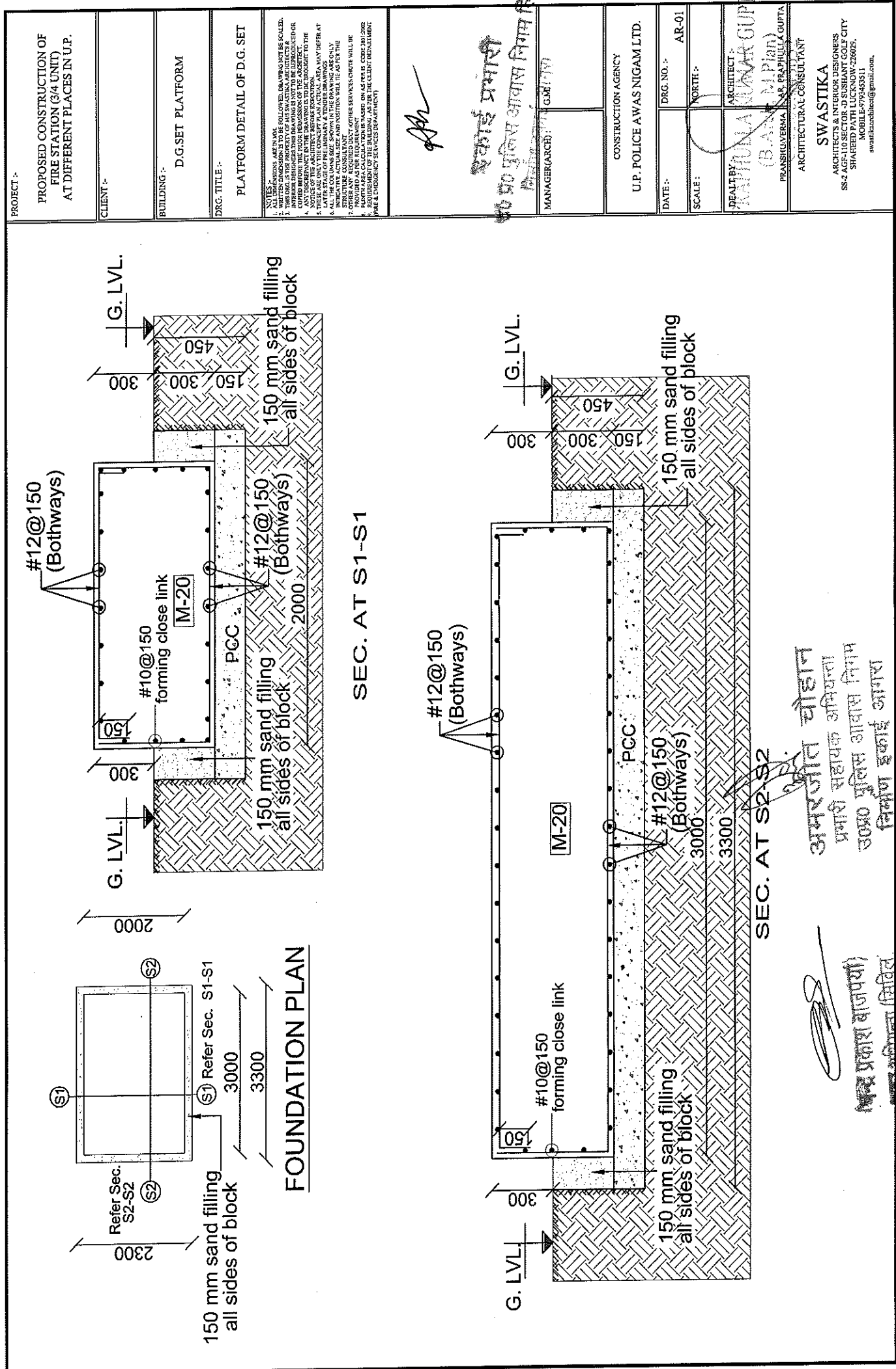
विमल प्रकाश बाजपेयी
स्वर अभियन्ता (सिविल)
उपमो प्रो पुलिस आवास निगम
निर्माण इकाई - आगरा

PROJECT :-	
PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :-	HOME DEPARTMENT
BUILDING :-	FIRE STATION (3/4 UNIT)
DRG. TITLE :-	
WORKING DRAWING DETAIL (DG SET & TRANSFORMER PLATFORM)	
<small>NOTES</small> 1. ALL DIMENSIONS ARE IN MM. 2. WRITTEN DIMENSION IS TO BE FOLLOWED, DRAWING NOT BE SCALED. 3. THIS DRAWING IS THE PROPERTY OF MS SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. THIS DRAWING IS NOT TO BE REPRODUCED OR COPIED BEFORE THE PRIOR PERMISSION OF THE ARCHITECT. 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE NOTICE OF THE ARCHITECT BEFORE EXECUTION. THERE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY BE DIFFERENT AFTER STAGE OF FILLIMINARY & TENDER DRAWINGS. 5. ALL THE COLUMNS SIZE SHOWN IN THE DRAWING ARE FOR THE STRUCTURAL CONSULTANT. 6. FOR THE ELECTRICAL CONSULTANT POSITION WILL BE AS PER THE ELECTRICAL CONSULTANT. 7. OTHER ANY REQUIRED DUCT, OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 8. ALL THE DIMENSIONS CALCULATION IS BASED ON AT PER IS CODE 3461:2003. 9. REQUIREMENT OF THE BUILDING, AS PER THE CLIENT (DEPARTMENT (HOME & BUILDING SERVICES DEPARTMENT)).	
MADE FOR THE U.P. POLICE AWAS NIGAM LTD. प्रमाणित पुलिस आवास निगम लि. निर्माण इकाई आगरा	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM LTD.	
DATE :-	DRG. NO. :- AR-01
SCALE :-	NORTH :-
DESIGNED BY :-	ARCHITECT :-
DEEPAK KUMAR GUPTA (B.TECH. M.PAN)	PRANSHU VERMA (B.TECH. M.PAN)
ARCHITECTURAL CONSULTANT :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR - D SUSHANT GOLF CITY SHARDEE PATH LUCKNOW-226039. MOBILE-9795453511 www.swastikaarchitects@gmail.com	



अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

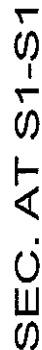
प्रकाश राजपूत
अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - आगरा



PROJECT :-		PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT DIFFERENT PLACES IN U.P.	
CLIENT :-			
BUILDING :-		D.G.SET PLATFORM	
DWG. TITLE :-		PLATFORM DETAIL OF D.G. SET	
<p>NOTES:-</p> <ol style="list-style-type: none">1. ALL DIMENSIONS ARE IN MM.2. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIORS. IT IS NOT TO BE REPRODUCED OR COPIED IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.4. PRIOR TO ANY CONSTRUCTION, THE ARCHITECT MUST BE CONSULTED.5. PRIOR TO ANY CONSTRUCTION, THE ARCHITECT MUST BE CONSULTED.6. LATER STAGE OF PRELIMINARY & TENDER DRAWINGS.7. INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE ARCHITECT'S DISCRETION.8. PROVIDE AS PER REQUIREMENT.9. REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT).			
MANAGER (ARCH):		प्रकाश बाजपेयी	
CONSTRUCTION AGENCY		U.P. POLICE AWAS NIGAM LTD.	
DATE :-		DWG. NO. :-	AR-01
SCALE :-		NORTH :-	
DEALT BY		ARCHITECT :-	SWASTIKA
PRANSHUVERMA		ARCHITECTS & INTERIOR DESIGNERS	
ARCHITECTURAL CONSULTANT		SS-4 AGF-110 SECTOR - D SUKHANT GOLF CITY	
		SHARAD PATH, LUCKNOW-226029.	
		MOBILE-9795433111	
		swastikaarchitect@gmail.com	



FOUNDATION PLAN



अमरजीत चौहान
प्रभारी सहायक अभियन्ता
जयपुर एडिंस आण्ड ग्राम
निर्माण इकाई आगरा

उ० प्र० वि० संस्कृत विश्वविद्यालय
निर्माण सं. पुनर्विभागा

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178

PROJECT :-

PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS)
AT SARON,
DISTT. - KASGANJ, U.P.

CLIENT :-

HOME DEPARTMENT

BUILDING :-

DRG. TITLE :-

BOUNDARY WALL

NOTES :-
1. ALL DIMENSIONS ARE IN METERS.
2. THIS DRAWING IS TO BE FOLLOWED, DRAWING NOT BE SCALED.
3. THIS DRAWING IS THE PROPERTY OF MR. SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT.
4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
5. THESE ARE ONLY THE CONCEPT PLAN ACTUAL AREA MAY VARY AT THE TIME OF CONSTRUCTION.
6. ALL THE COLLISIONS SHOWN IN THE DRAWING ARE ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENT OF THE BUILDING.
7. OTHER ANY REQUIRED DIST. OTHER SERVICES UNIT WILL BE PROVIDED AS PER REQUIREMENT.
8. THE BUILDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (HOME & ENVIRONMENT DEPT. U.P. GOVT.)

[Signature]

स्वास्ती प्रभाशरी

उ० प्र० पुलिस आवास निगम लि.

MANAGER (निर्माण) इकाई आगरा

CONSTRUCTION AGENCY

U.P. POLICE AWAS NIGAM LTD.

DATE :-

DRG. NO. :-

AR-01

SCALE :-

NORTH :-

DEALT BY

ARCHITECT :-

PRASHU VERMA (Rajendra Prasad)

PRASHU VERMA (Rajendra Prasad)

ARCHITECTURAL CONSULTANT

SWASTIKA

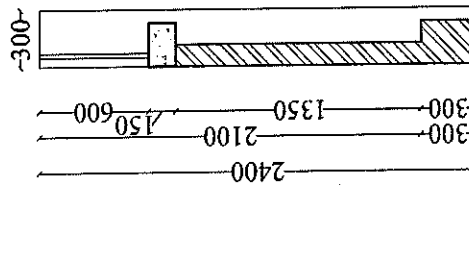
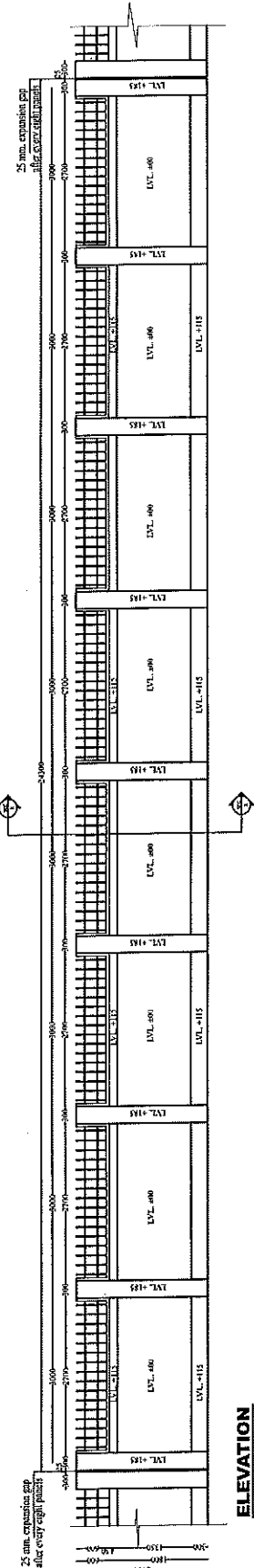
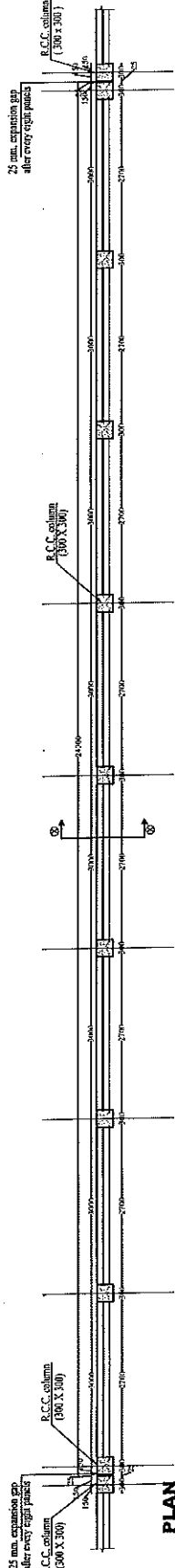
ARCHITECTS & INTERIOR DESIGNERS

SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY

SHARDA PATH LUCKNOW-226029.

MOBILE-9794343511

swastikaarchitect@gmail.com



GROUND LVL +00

अमरजीत चौहान
प्रभाशरी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

[Signature]
निर्माण इकाई - आगरा
उ० प्र० पुलिस आवास निगम
अमरजीत चौहान (सिविल)
निर्माण इकाई - आगरा

PROJECT
PROPOSED CONSTRUCTION OF
FIRE STATION (V4 UNITS) AT
SARON, DISTT. - KASGANI, U.P.

BUILDING :-
BOUNDARY WALL

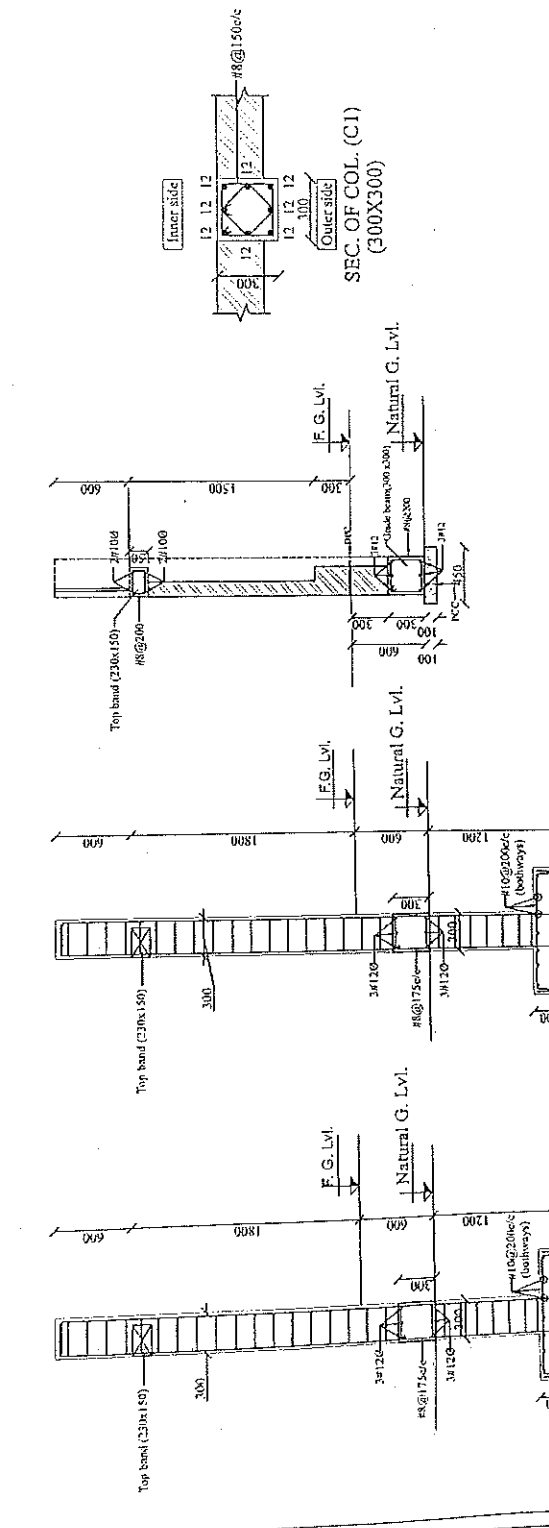
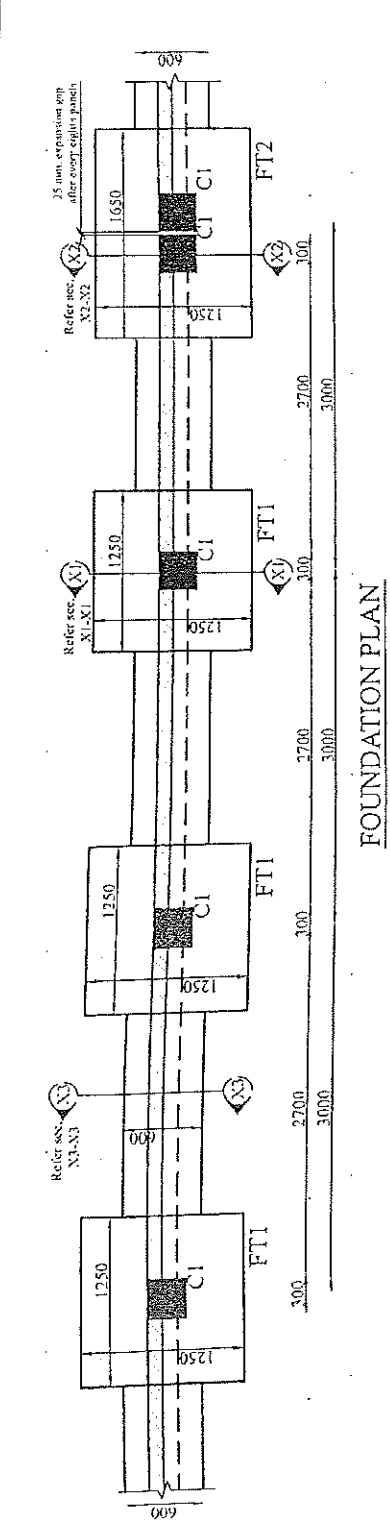
Notes:-
(1) The foundation shall be designed for the full service load of the structure.
(2) The foundation shall be designed for the full service load of the structure.
(3) The foundation shall be designed for the full service load of the structure.
(4) The foundation shall be designed for the full service load of the structure.
(5) The foundation shall be designed for the full service load of the structure.
(6) The foundation shall be designed for the full service load of the structure.
(7) The foundation shall be designed for the full service load of the structure.
(8) The foundation shall be designed for the full service load of the structure.
(9) The foundation shall be designed for the full service load of the structure.
(10) The foundation shall be designed for the full service load of the structure.

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CONSTRUCTION AGENCY:
U.P. POLICE AWAS NIGAM LTD.

ARCHITECT
SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2 AND-110 SECTOR-13 SUSHANT GOLF CITY
SIMLIED PATIL LUCKNOW-226001
MOB: 9794943311
www.swastikaarchitects.com

Structural Consultant:
MATRIX STRUCTURES
(STRUCTURAL ENGINEERS CONSULTANT)
P123, Vikram Vihar, Gurgaon, Haryana
Ph: 0126-2333444, 0126-2333445
www.matrixstructures.com



DETAIL OF SEC. AT X3 - X3

DETAIL OF FOOTING FT2 AT SEC. X2 - X2
(1250X1650)

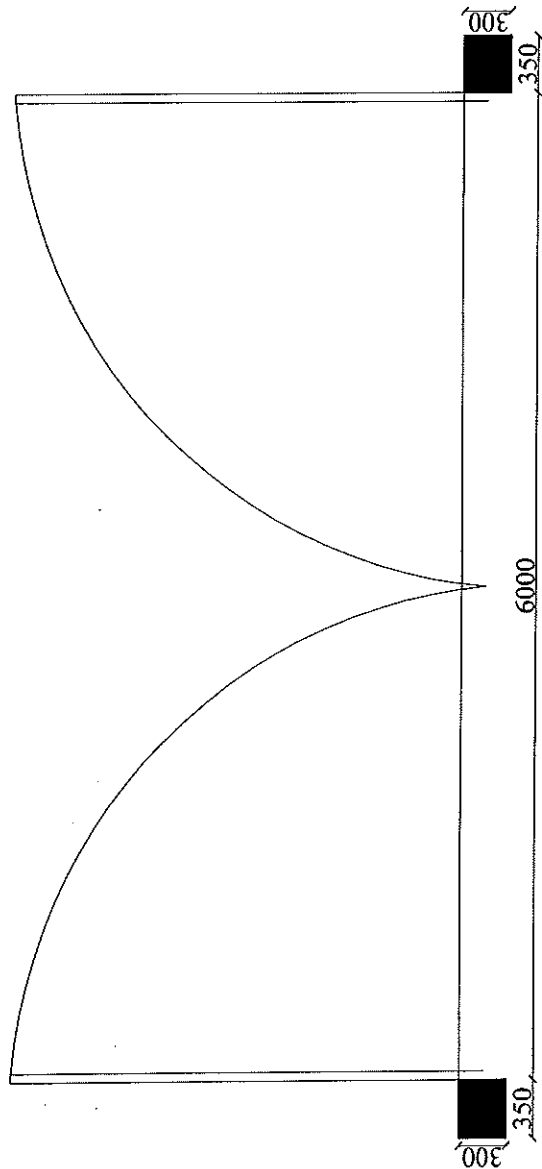
DETAIL OF FOOTING FT2 AT SEC. X1 - X1
(1250X1250)

अमरश्रीत चौहान
प्रभारी सहायक अभियन्ता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

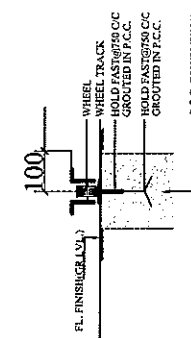
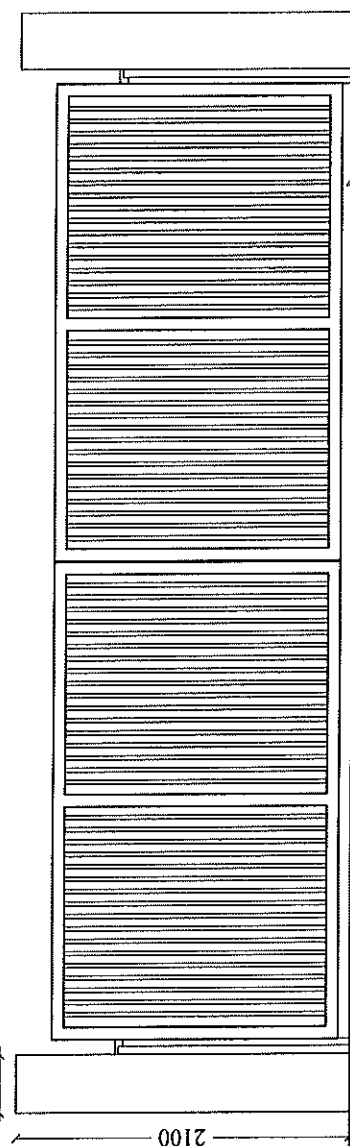
इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

(बन्धु प्रकाश वाजपेयी)
अवर अभियन्ता (सिविल)
उ० प्र० पुलिस आवास निगम
निर्माण इकाई-आगरा

PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST. - KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :-	
DRG. TITLE :- 6 MT. WIDE GATE	
<small>NOTES:- 1. ALL DIMENSIONS ARE IN MM. 2. WORKMANSHIP TO BE FOLLOWED DRAWING NOT BE SCALED. 3. THIS DRG. IN THE PROGRESS OF CONSTRUCTION IS NOT TO BE REPRODUCED OR INTERIOR DISSEMINATION DRAWING IS NOT TO BE REPRODUCED OR 4. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE 5. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT & WILL REMAIN AT 6. LATER STAGE OF PRELIMINARY & TENDER DRAWINGS 7. INDICATIVE ACTUAL SIZE AND POSITION SHALL BE AS PER THE 8. STRUCTURE CONSULTANT. OTHER SERVICES OFFICE WILL BE 9. PROVIDED AS PER REQUIREMENT. THE ARCHITECT IS NOT RESPONSIBLE FOR 10. REQUIREMENT OF THE BUILDING. AS PER THE BUILDING DEPARTMENT 11. (P.W.D. & EMERGENCY SERVICES DEPARTMENT)</small>	
MANAGER (ARCH):- G.M.	अमरजीत प्रमोदी
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-	DRG. NO. :- AR-01
SCALE :-	NORTH :-
DEALT BY :-	ARCHITECT NIGAM Pranhu Akumar Gupta U.P. OP
PRANSHU VERMA	AR. PRANHULLA GUPTA
ARCHITECTURAL CONSULTANT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGT-110 SECTOR-D SUSHANT GOLF CITY SHARAD PATH LUCKNOW-220029. MOBILE-979453511 swastikaarchitect@gmail.com	

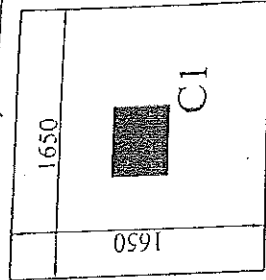


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अमरजीत चौहान
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई - ३०८०८/३६५२

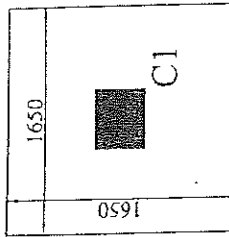
निर्माण इकाई - ३०८०८/३६५२
प्रमोदी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम



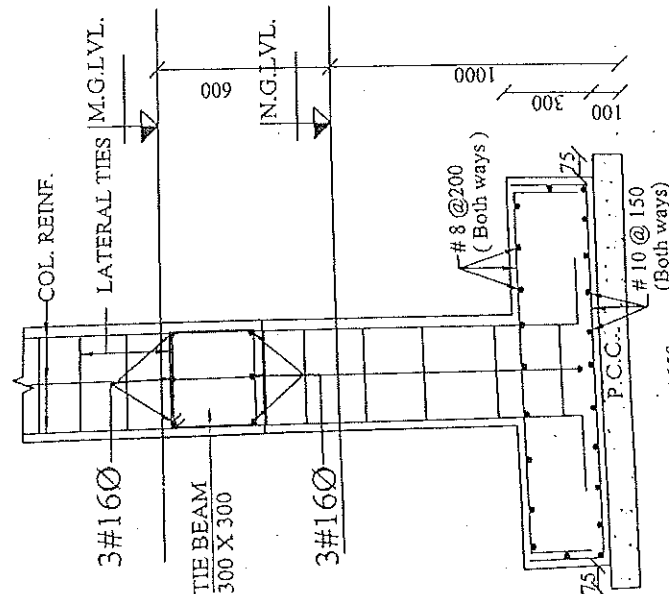
FT1

FOUNDATION PLAN

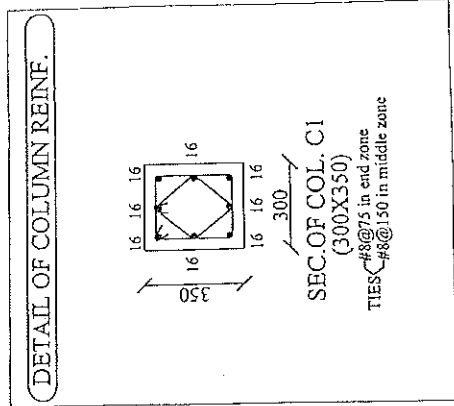
[GATE]



FT1



DETAILS OF FOOTING FT1
(1650X1650)



SEC. OF COL. C1
(300X300)
TIES #8@75 in end zone
#8@150 in middle zone



PROJECT PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SARON, DISTT. - KASGANJ, U.P.	
BUILDING 6 MT. WIDE GATE	
NOTES: (1) Co-ordinate this drawing with relevant architectural and service drawings. (2) All dimensions are in mm, unless otherwise indicated. (3) For notations and symbols, refer to the relevant Indian Standards. (4) Reinforcement shall be provided in the footing as per the detail of the column and shall be provided in the footing as per the detail of the column. (5) Clear cover of main reinforcement shall be as follows: (a) Footing - 50 mm (b) Column - 40 mm (6) Development length (Ld) for different diameter of bars for concrete of grade M20 shall be as per IS 456:2000. (7) Necessary provision for electrical, plumbing, etc. shall be provided in the footing. (8) The reinforcement shall be provided in the footing as per the detail of the column. (9) All dimensions shall be in mm, unless otherwise indicated. (10) All dimensions shall be in mm, unless otherwise indicated.	
REVISIONS Rev. No. Desc. Date Revised By	
Sheet Title: DETAIL OF 6 MT. WIDE GATE	
CONSTRUCTION AGENCY: U.P. POLICE AWAS NIGAM LTD.	
ARCHITECT SWASTIKA ARCHITECTS & INTERIOR DESIGNERS AGF-110, SES SUSHANT ANSAL COLONY LUCKNOW, PIN-226011 E-Mail: swastikaarchitects@gmail.com	
Drawn By: Jyoti	Designed: Dr. Shashi Kumar
Checked: Dr. Shashi Kumar	Date: Feb. 2025
Scale: N.T.S.	Sheet No. ST 01
STRUCTURAL CONSULTANTS: MATRIX STRUCTURES (STRUCTURAL ENGINEERS CONSULTANT) 1113, Vishnu Nagar, Ganga Nagar, Lucknow-226011 Pin: 226011 Ph: 0522-2222222, 0522-2222222 Web: www.matrixstructures.com	

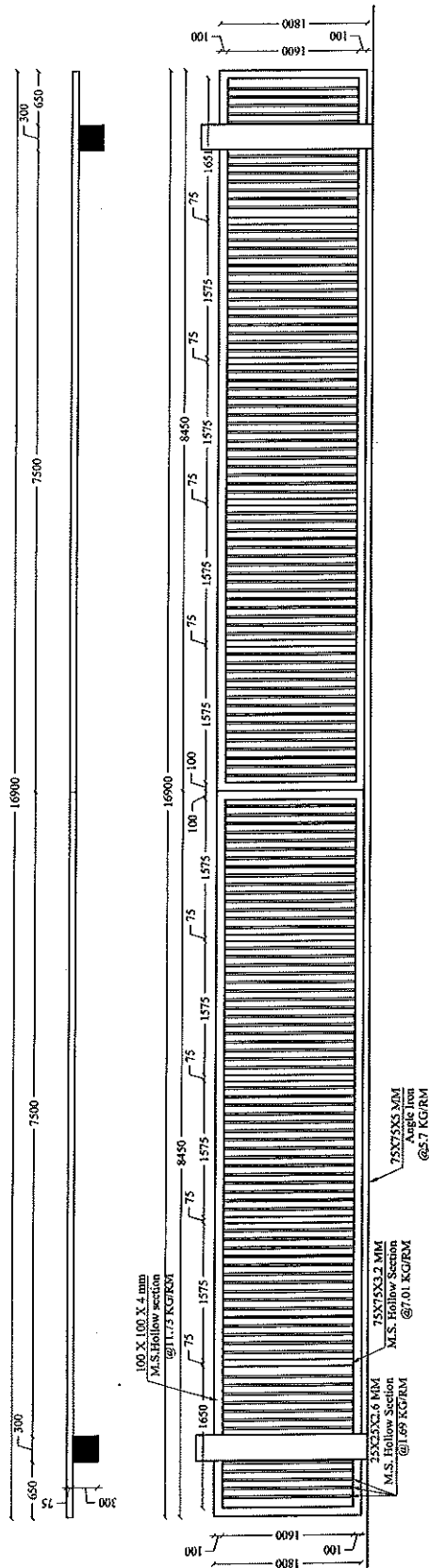
अमरेश्वर चौहान
प्रमारी सहायक अभियंता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरेश्वर चौहान

इकाई प्रमारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा

(चन्द्र प्रमारी चौहान)
प्रमारी सहायक अभियंता
उ० प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

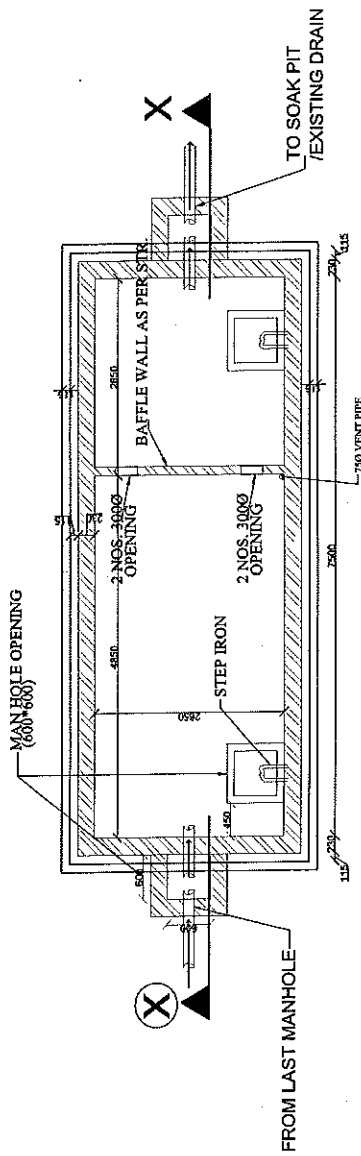
PROJECT :- PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNIT) AT SORON, DIST.- KASGANJ (U.P.)	
CLIENT :- HOME DEPARTMENT	
BUILDING :-	
DRG. TITLE :- 15 MT. WIDE GATE	
NOTES :- 1. ALL DIMENSIONS ARE IN MM. 2. THIS DRG. IS THE PROPERTY OF M/S SWASTIKA ARCHITECTS & INTERIOR DESIGNERS. IT IS TO BE USED ONLY FOR THE PROJECT FOR WHICH IT IS PREPARED. NO PART OF THIS DRG. IS TO BE REPRODUCED OR COPIED WITHOUT THE PRIOR PERMISSION OF THE ARCHITECT. 3. ANY DISCREPANCY IN THE DRAWING IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. 4. THESE ARE ONLY THE CONCEPT PLAN. ACTUAL AREA MAY DIFFER AT THE TIME OF PREPARATION OF THE FINAL DRAWING. 5. ALL THE COLLISIONS ARE SHOWN IN THE DRAWING. ONLY INDICATIVE ACTUAL SIZE AND POSITION WILL BE AS PER THE REQUIREMENT OF THE PROJECT. 6. OTHER ANY REQUIRED DUTY OTHER SERVICES CHUTE WILL BE PROVIDED AS PER REQUIREMENT. 7. THE CONSTRUCTION OF THE BUILDING AS PER THE CODE MAKING REQUIREMENT OF THE BUILDING AS PER THE CLIENT DEPARTMENT (FIRE & EMERGENCY SERVICES DEPARTMENT)	
MANAGEMENT :- प्रमाण इकाई प्रमारी	
CONSTRUCTION AGENCY U.P. POLICE AWAS NIGAM	
DATE :-	DRG. NO. :- AR-02
SCALE :- NORTH :-	
DESIGNED BY :- PRATHUL KUMAR GUPTA (B.Arch, M.Plan)	
SIRECHA SRIVASTAVA PRATHULLA GUPTA ARCHITECTURAL CONSULTANT	
SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGF-110 SECTOR-D SUSHANT GOLF CITY SHAHED PATH LUCKNOW-226029, MOBILE-979543511 swastikaarchitect@gmail.com	



प्रमाण इकाई प्रमारी
अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

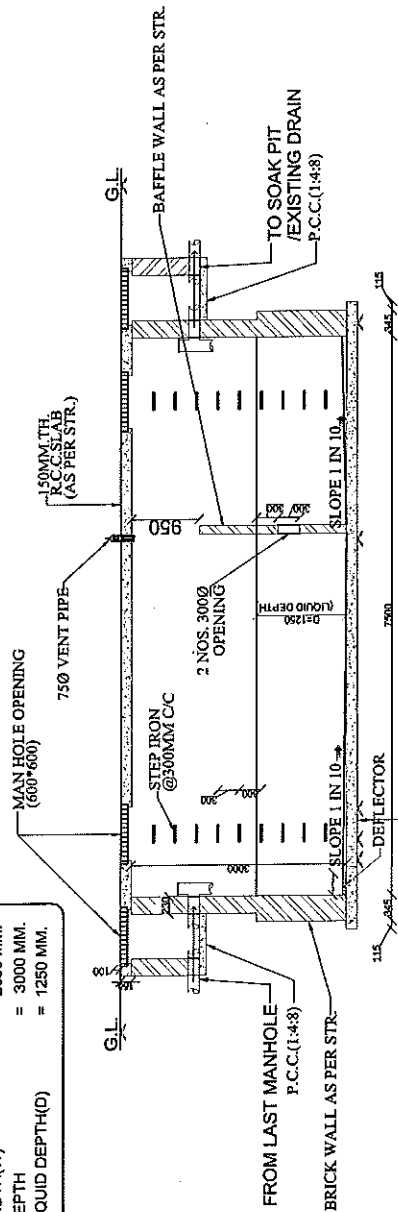
प्रकाश धानपर्वी
अमर अभियन्ता (सिविल)
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

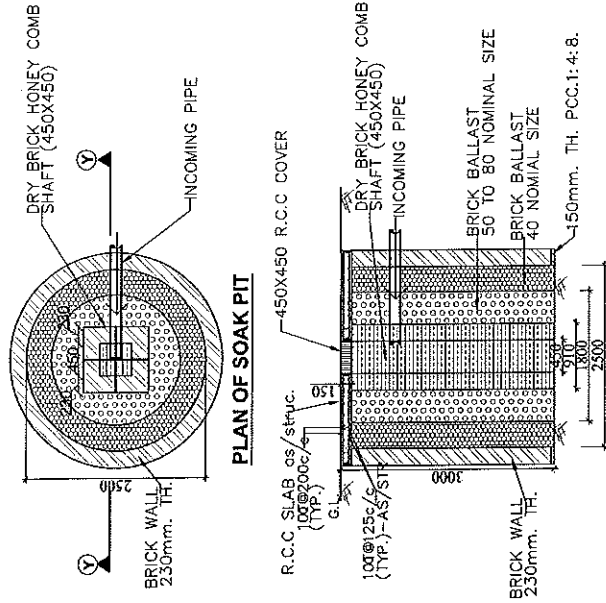


PLAN OF SEPTIC TANK


SIZES OF SEPTIC TANK	
LENGTH(L)	= 7500 MM.
WIDTH(W)	= 2650 MM.
DEPTH	= 3000 MM.
LIQUID DEPTH(D)	= 1250 MM.







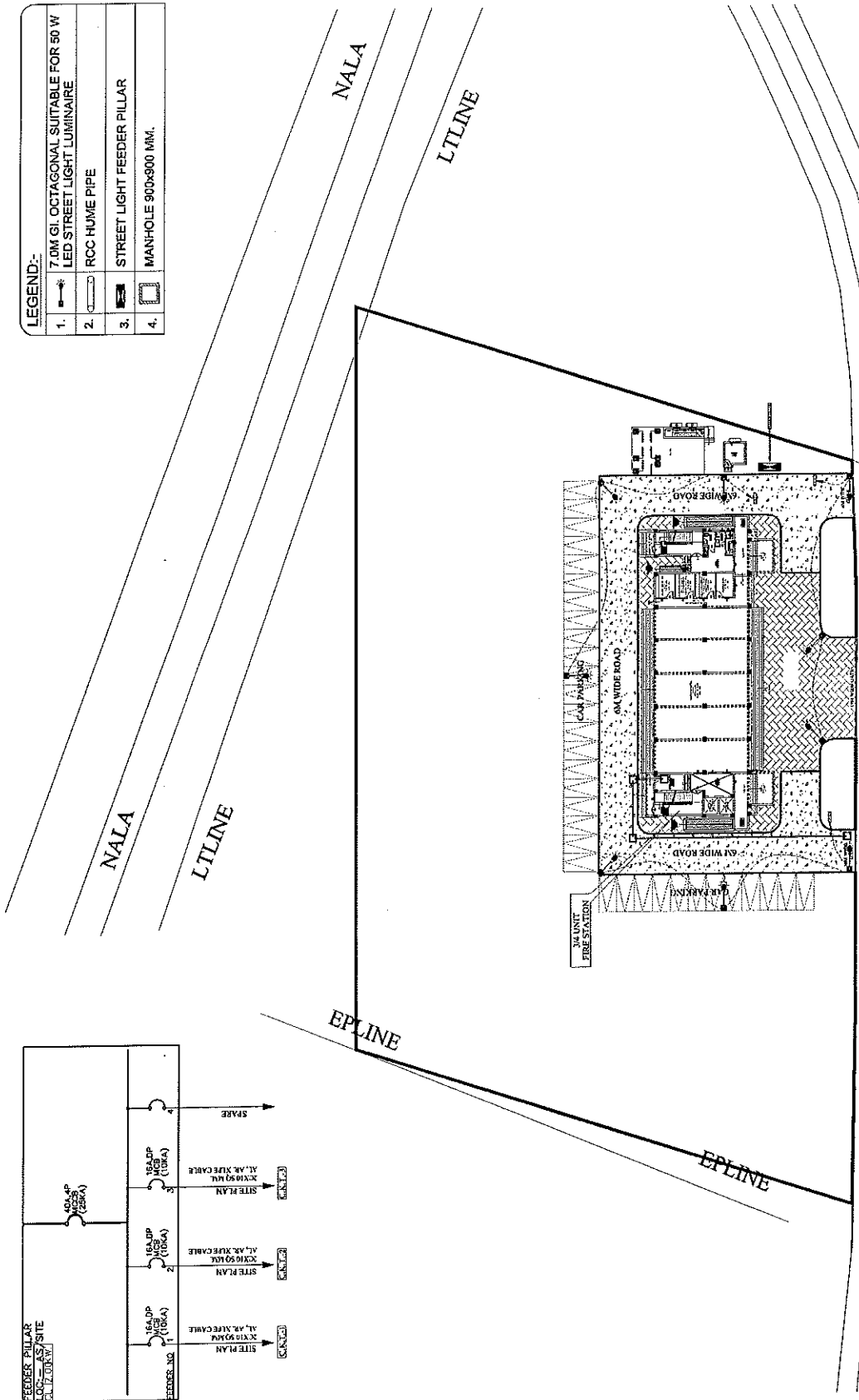
SECTION AT X-X

SECTION AT $Y - Y$ [illegible]

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास नियम
निर्माण इकाई आगरा

PROJECT:-	1. PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.) 2. PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.) 3. PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)	BUILDING:-	FIRE STATION (3/4 UNITS)	DRAWING TITLE:-	SEPTIC TANK & SOAK PIT DETAIL	G.M. :- P.M. :- S.R.E. :- Date:	Dwg. No. Scale A1-100 Date	Drawn by Checked By M. PANT	ARCHITECTURAL CONSULTANTS :- SWASTIKA ARCHITECTS & INTERIOR DESIGNERS SS-2 AGH-118 SECTOR -D SURSHANT GOLF CITY SHARADEE PATH LUCKNOW-226029, MOBILE-979343311 swastikarchitect@gmail.com	Services Consultant :-  SHR & PART CONSULTANTS 110, KANPUR ROAD, LUCKNOW-226001 Tel: 0522-2222222 Fax: 0522-2222222 Email: shr@shrp.com
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LEGEND:-	
1.	 7 MW GL OCTAGONAL SUITABLE FOR 50 W LED STREET LIGHT LUMINAIRE
2.	 RCC HUMPE PIPE
3.	 STREET LIGHT FEEDER PILLAR
4.	 MANHOLE 900x900 MM.




~~DRAIN~~

<--TO KASGANJ

अमरजीत चौहान
प्रभारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई आगरा

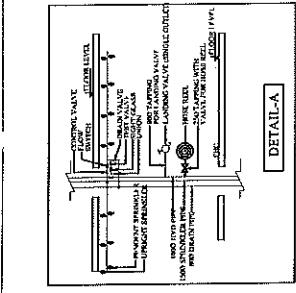
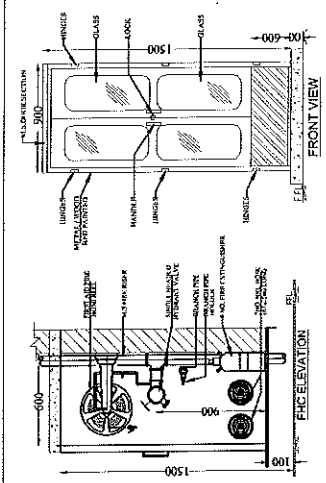
~~FRANKLIN ADAMS COPY~~
~~(Bart, M. Phil)~~
~~C/2008/4362~~

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बन्धु प्रकाश बाजपेयी)
बन्धु अग्रियन्ता (सिविल,
२००५० पुलिस आवास निर्माण इकाई - ३०००


 प्र. प्रकाश बाजपय्यी
 अध्यक्ष, अमियन्ता (सिविल)
 ७७ प्र० पुलिस आवास निगम
 निर्माण इकाई - आगरा

अमरजीत चौहान
 प्रभारी सहायक अमियन्ता
 ७७ प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा

इकाई प्रभारी
 ७७ प्र० पुलिस आवास निगम
 निर्माण इकाई आगरा

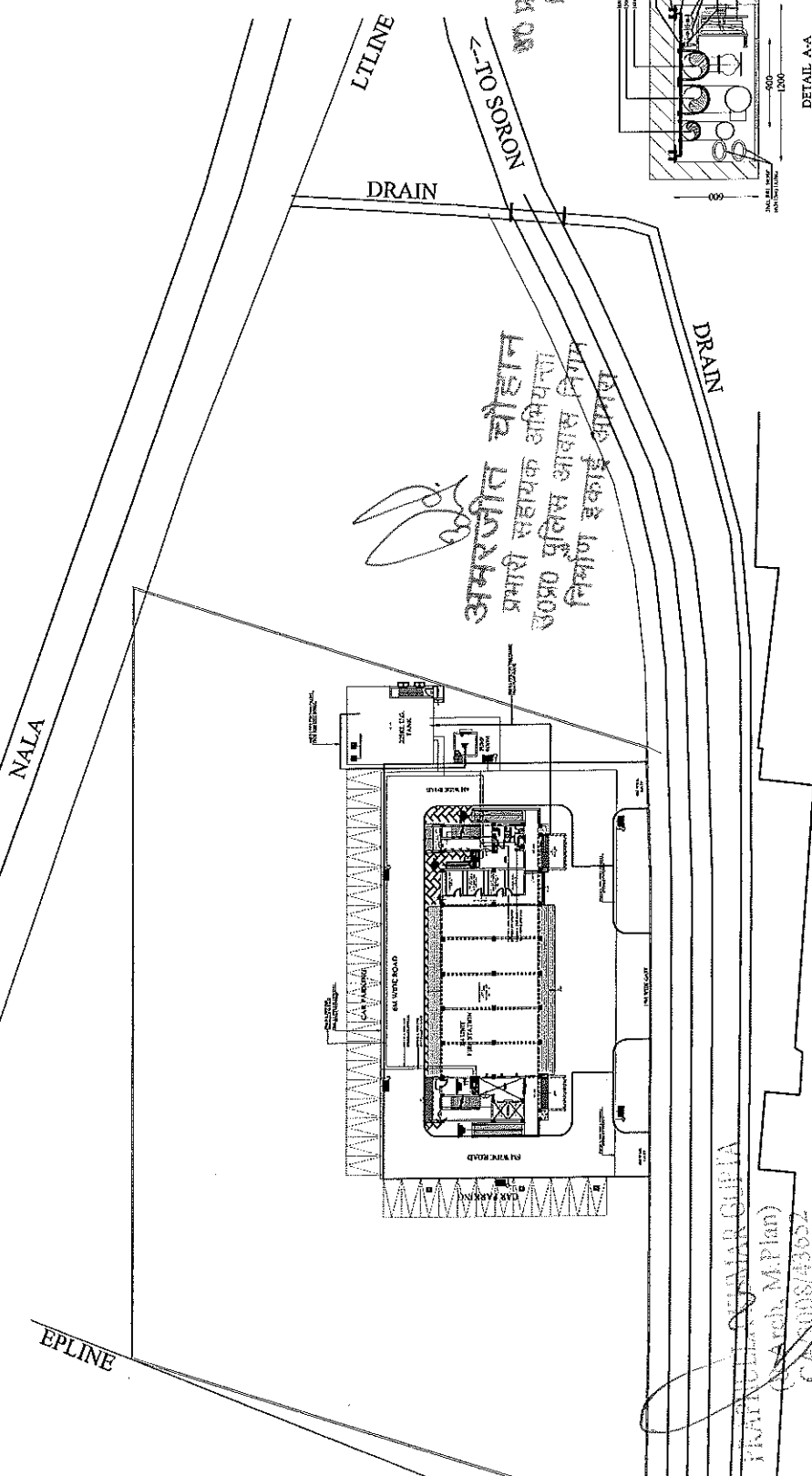
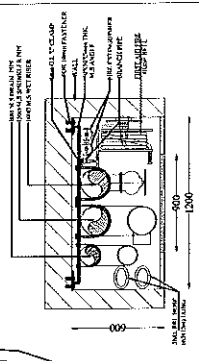


FIRE EXTINGUISHERS COMPRISING OF


1) 4.5 Kg. Co2 type fire extinguishers
1.5:1 marked.

2) 6 Kg. A.B.C. type fire extinguishers
1.5:1 marked.

(Gas pressure) fire extinguishers
complete with bracket, Baffle and initial
charge as per IS 540...



प्रकाश राजपुष्पा /
अध्यक्ष (सिविल
सर्विस आवास नियंत्रण
आयोग)

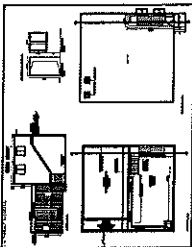

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
ए००२० पुलिस आवास निगम
निर्माण इकाई, लाहौर

WALLS PLASTERED
WITH PLASTER
ON
BRICK
WORK

PROJECT:-	PROPOSED CONSTRUCTION OF FIRE STATION (3/4 UNITS) AT SORON, DISTRICT KASGANJ (U.P.)					
AGENCY:-	U.P. POLICE AWAS NIGAM LTD.					
BUILDING:-	FIRE STATION (3/4 UNITS)					
DRAWING TITLE:-	LAY-OUT PLAN (FIRE FIGHTING SERVICES)					
Drg. No.			G.M. :-			
Drawn by			P.M. :-			
ARCHITECTURAL CONSULTANTS :-			S.C.E. :-			
SWASTIKA			S.R.L. :-			
ARCHITECTS & DESIGNERS			Date			
SS-2 ACB-10 SECTOR-D SUSHANT GOLF CITY			Scale			
SHAHEED PATH LUCKNOW-224029,			A-109			
MOBILE E-9793453511			M. PAINT			
swastikamarchitect@gmail.com,			FEB / 2028			

SIZE OF SEPTIC TANK

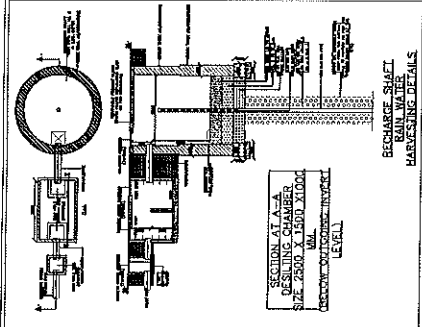
ST.	L (m)	W (m)	H (Liquid Depth)
	7.50	2.65	1.30



- NOTES:-**
1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS NOTED OTHERWISE.
 2. FOR PIPES SIZE, SLOPE, LEVELS ETC. REFER DRAWINGS.
 3. ANY CORRECTION TO THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECTURAL CONSULTANT.
 4. PIPES LAYOUT IS INDICATIVE PIPES SHALL BE Laid AND PLACED AS PER ACTUAL ROAD SECTION AND LEVEL.
 5. PIPES SHALL BE Laid IN SUCH A MANNER AS TO AVOID ANY OBSTACLE TO THE ROAD OR TO THE LAND UNDER THE ROAD.
 6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER DRAWINGS OF THE PROJECT.
 7. ALL WATER SUPPLY PIPES SHALL BE Laid IN CONJUNCTION WITH THE WATER SUPPLY PIPES.
 8. ALL WASTE WATER PIPES SHALL BE Laid IN CONJUNCTION WITH THE WASTE WATER PIPES.
 9. ALL PIPES SHALL BE Laid IN SUCH A MANNER AS TO AVOID ANY OBSTACLE TO THE ROAD OR TO THE LAND UNDER THE ROAD.

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EPLINE

NALA

LTLINE

EPLINE

EPLINE

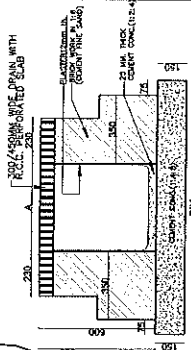
DRAIN

अमरजीत चौहान
प्रमारी सहायक अभियन्ता
उ०प्र० पुलिस आवास निगम
निर्माण इकाई अंगर

इकाई प्रमारी
उ० प्र० पुलिस आवास निगम
निर्माण इकाई अंगर

DRAIN

DR. KUNAR GUPTA
(B.Arch M.Phil)



PROJECT:-
PROPOSED CONSTRUCTION OF
FIRE STATION (3/4 UNITS) AT
SORON, DISTRICT KASGANJ (U.P.)

BUILDING:-
FIRE STATION (3/4 UNITS)

DRAWING TITLE:-
LAY-OUT PLAN
(PLUMBING SERVICES)

Drg. No. FS-3/4/PS/SEP-01
Scale A=1:100
Date FEB / 2026

Drawn by BHUVAN
Checked By M. PANT

SWASTIKA
ARCHITECTS & INTERIOR DESIGNERS
SS-2, 1ST FLOOR, 'SUSANT' GOLF CITY,
SHARDA PALLE, PIN-206027,
MOBILE-979453511
swastikaarchitect@gmail.com

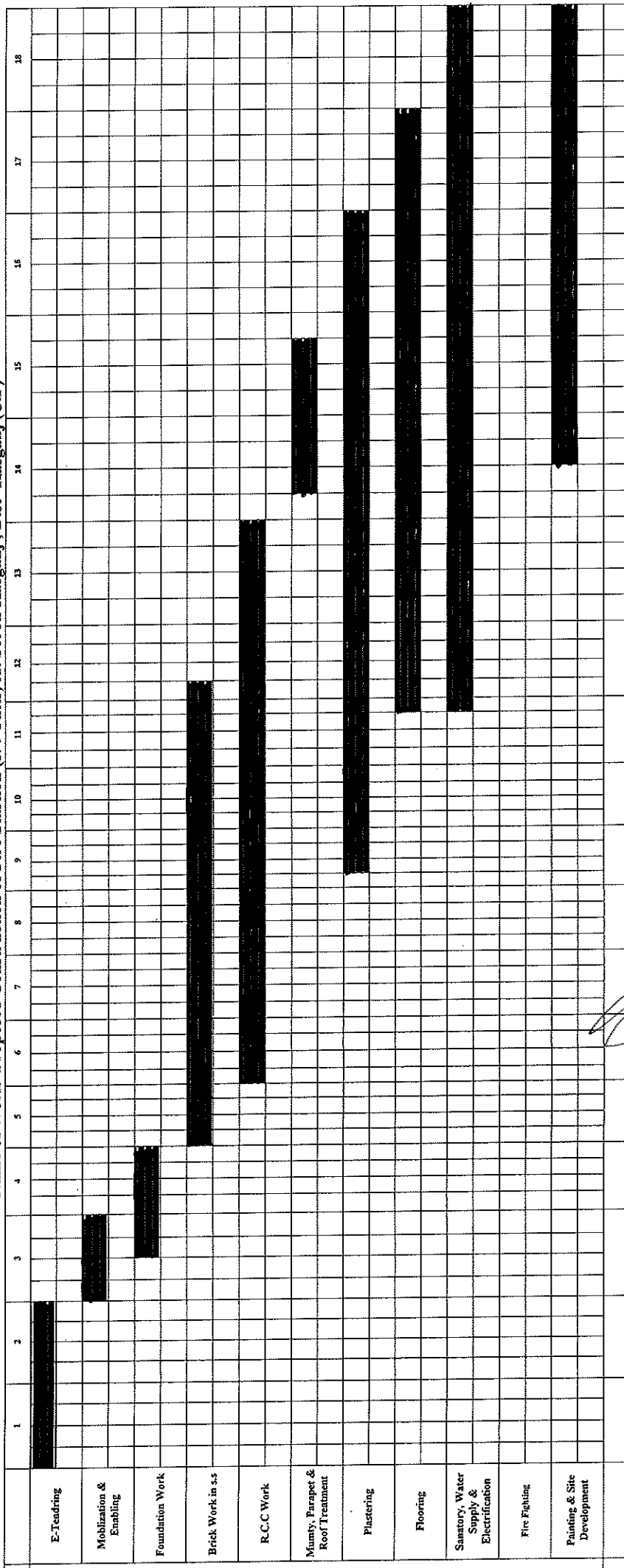
SHRI. I. PARI
SHRI. I. PARI
SHRI. I. PARI

U.P. Police Avas Nigam Ltd., Construction Unit- Agra

Standard Bar Chart / Part Chart

G.O. No. - 261/2026//1281503/2026/001-CN-2032689-6-7099-142-2026, Date- 27-03-2026

Name of Work- Proposed Construction of Fire Station (3/4 Units) At Soron Kasganj , Dist- Kasganj (U.P)



अनुराज चौहान
प्रभारी सहायक अभियन्ता
आवर अभियन्ता (सिविल) उ०प्र० पुलिस आवास निगम
उ०प्र० पुलिस आवास निगम निर्माण इकाई आगरा
निर्माण इकाई - आगरा

इकाई प्रभारी
उ० प्र० पुलिस आवास निगम लि.
निर्माण इकाई आगरा