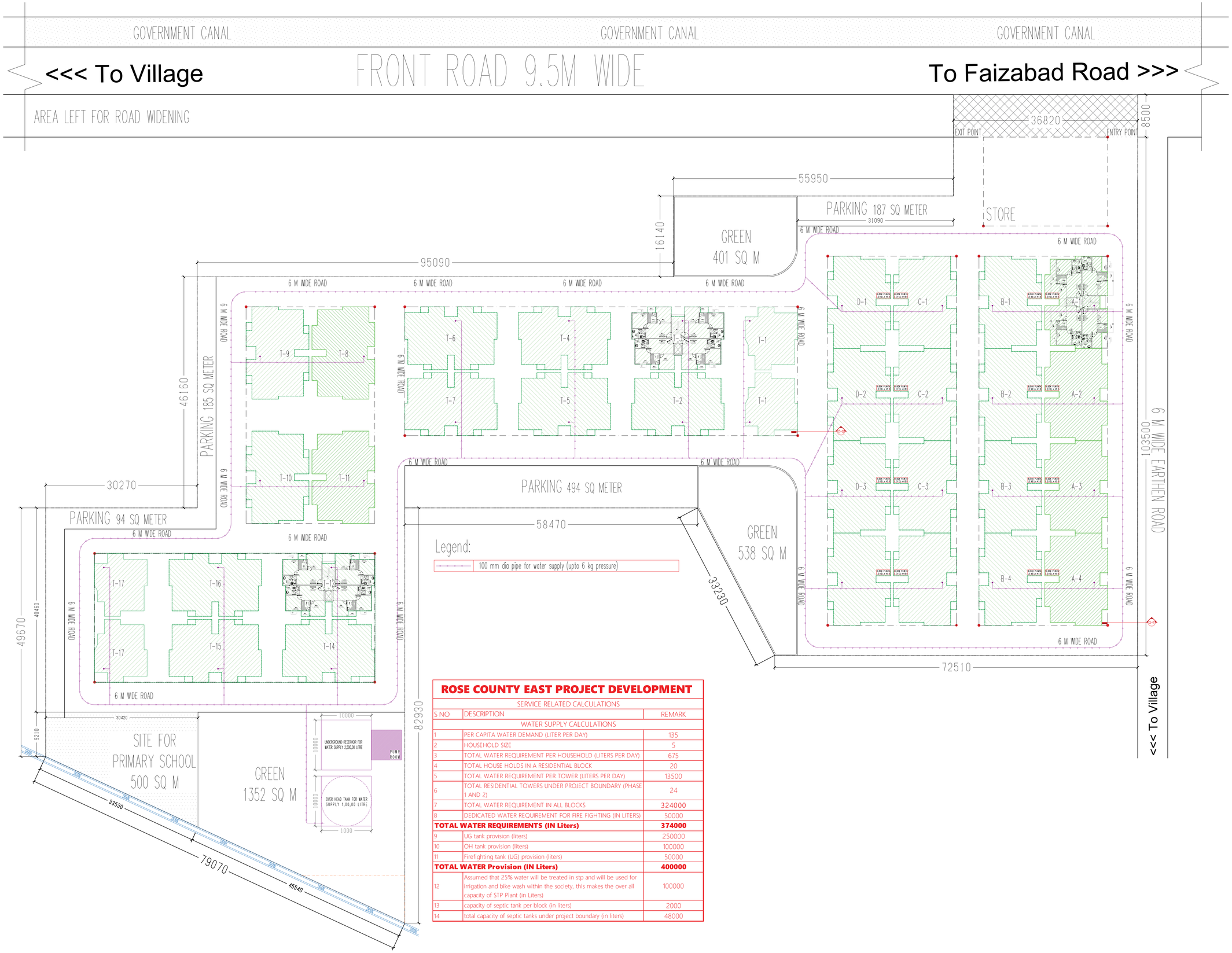

ROSE COUNTY EAST PROJECT DEVELOPMENT

S NO	DESCRIPTION	REMARK
	SERVICE RELATED CALCULATIONS	
	WATER SUPPLY CALCULATIONS	
1	PER CAPITA WATER DEMAND (LITER PER DAY)	135
2	HOUSEHOLD SIZE	5
3	TOTAL WATER REQUIREMENT PER HOUSEHOLD (LITERS PER DAY)	675
4	TOTAL HOUSE HOLDS IN A RESIDENTIAL BLOCK	20
5	TOTAL WATER REQUIREMENT PER TOWER (LITERS PER DAY)	13500
6	TOTAL RESIDENTIAL TOWERS UNDER PROJECT BOUNDARY (PHASE 1 AND 2)	24
7	TOTAL WATER REQUIREMENT IN ALL BLOCKS	324000
8	DEDICATED WATER REQUIREMENT FOR FIRE FIGHTING (IN LITERS)	50000
TOTAL WATER REQUIREMENTS (IN Liters)		**374000**
9	UG tank provision (liters)	250000
10	OH tank provision (liters)	100000
11	Firefighting tank (UG) provision (liters)	50000
TOTAL WATER Provision (IN Liters)		**400000**
12	Assumed that 25% water will be treated in stp and will be used for irrigation and bike wash within the society, this makes the over all capacity of STP Plant (in Liters)	100000
13	capacity of septic tank per block (in liters)	2000
14	total capacity of septic tanks under project boundary (in liters)	48000

PROPOSED APARTMENTS
ROSE COUNTY (EAST)
AN AFFORDABLE HOUSING VENTURE BY ARG INFRASTRUCTURE PVT LTD
ON KHASRA NO.695, 697,698,700,701,711, 712,713,714,715,722,723

EXTERNAL DEVELOPMENT
1. WATER SUPPLY

(AUTHORIZED SIGNATORY)
ARG INFRASTRUCTURE
Co. Off.: SAMIAH HOUSE (BASEMENT), A-35, Sector- 63 Noida,
TELE FAX: 0120-6783699; PH- 0120-6783600-10

ARCHITECT

FARHAN AHMAD KHAN
CA/2014-63798

SUBMISSION DRAWING

SITE LEVEL DEVELOPMENT PLAN

SCALE 1:500

NORTH

SHEET 17