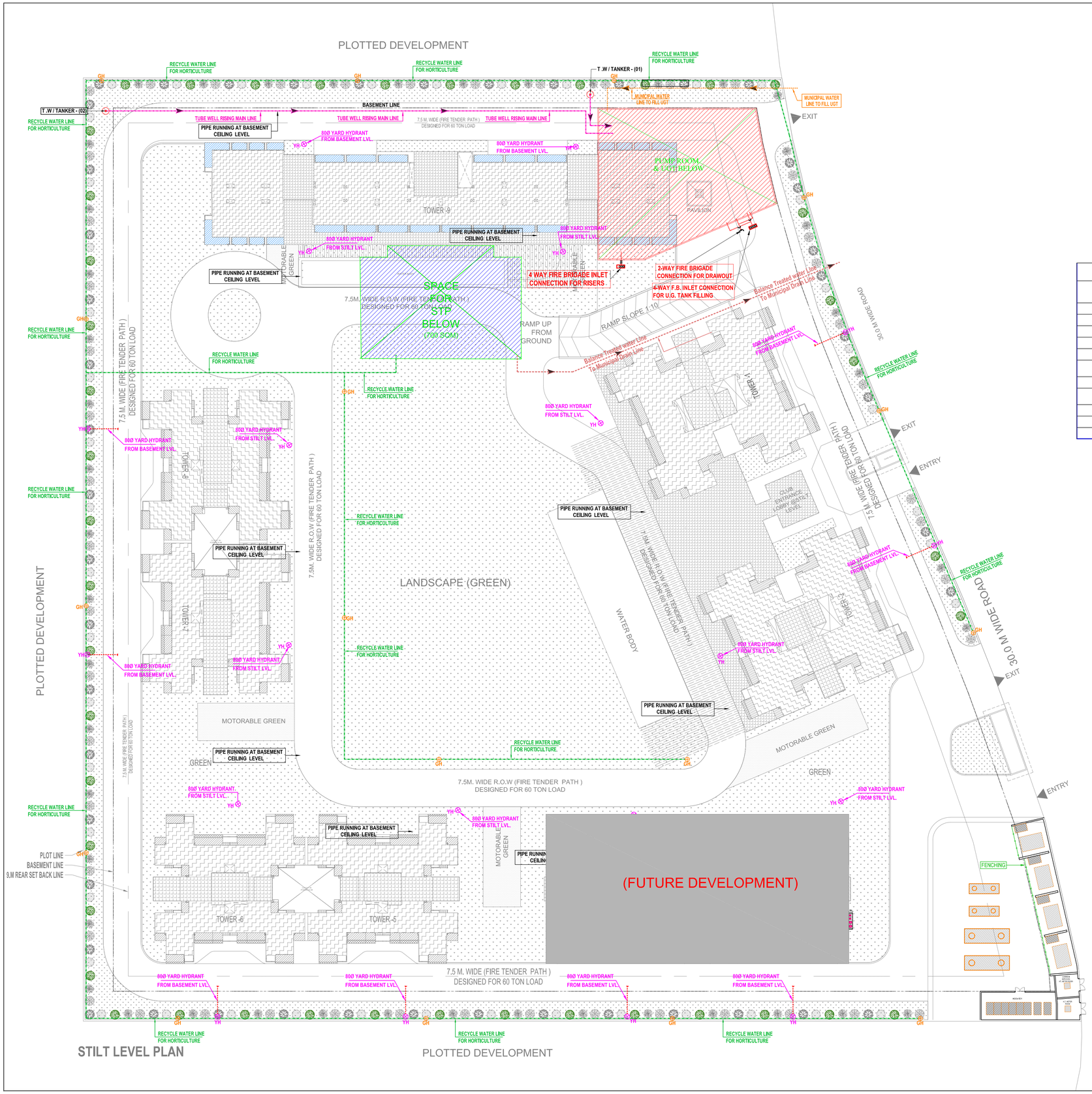

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.		RECYCLED WATER SUPPLY PIPE LINE.
2.		RISING MAIN WATER PIPE LINE.
3.		MUNICIPAL WATER SUPPLY PIPE LINE.
4.		ISOLATING VALVE
5.		MASONRY CHAMBER FOR ISOLATING VALVE
6.		PROPOSED TUBE WELL
7.		BASEMENT LINE
8.	GH	GARDEN HYDRANT

LEGEND : FIRE SYSTEM

S. No.	SYMBOL	DESCRIPTION
1.		FIRE LINE
2.	YH	YARD HYDRANT 63 M.M. DIA. SINGLE HEADED HYDRANT VALVE WITH 2 NOS. 15 M. LONG, 63 M.M. DIA. FIRE HOSE PIPE & 1 NO. BRANCH PIPE WITH NOZZLE
3.		FIRE BRIGADE CONNECTION
4.		BUTTERFLY VALVE
5.		NONRETURN VALVE (CHECK VALVE)
6.		ISOLATING VALVE WITH MASONARY CHAMBER

SUMMARY OF WATER REQUIREMENT / UGT & STP CAPACITY CALCULATION

	Description	Water Requirement (KLD)
	Domestic Fresh Water Requirement	735
	Recycle Water Requirement	378
	Flow to Sewer	931
	STP Capacity required	**930**
	Say _ STP Capacity	**930**
	Net water balance (to discharge into external municipal system)	553
	UGT Capacity	
	For Domestic Use (1 day storage)	800 KL
	For Fire Fighting	400 KL
	For Water Curtain	170 KL
	Total UGT Capacity	**1370 KL**

N

VISHAL SHARMA ARCHITECT CA-98/23261 9310164966 NEW DELHI

THREE C HOMES PVT. LTD.
Authorised Signatory

Rev. no.	Date	Revision
..	..	..

Project
PROPOSED GROUP HOUSING AT PLOT NO. GH-01 IN PLOT NO. TS - 01, SECTOR 22-A, YAMUNA EXPRESSWAY, (U.P.) FOR M/S THREE C HOMES PVT. LTD.

Title
SITE PLAN

Subtitle
WATER SUPPLY PLAN

Drawing released for
- [ ] APPROVAL
- [x] SUBMISSION
- [ ] ADVANCE COPY
- [ ] CONSTRUCTION

Drg. no. EX / S-03	Drawn by Kulwant
Scale 1 : 400	Designed by R.K.
Date Nov. 2024	Checked by Anand Havelia

OWNER
M/S THREE C HOMES PVT. LTD.

Architects
Confluence
NEW DELHI , INDIA
F-1, FIRST FLOOR, MIRA CORPORATE SUITES, ISHWAR NAGAR, NEW DELHI 110065
Ph- +91-11-26925684 cce@inconfluence.com Member of IGBC
Ph- +91-11-40564768 www.inconfluence.com ISO - 9001 : 2000
architecture urban design hospitality interiors

Services Consultant
Cespl Consultants Pvt. Ltd.
B - 67, Sector - 67, Noida - 201 301
Tel : (0120) 3225400 / 3225401
e mail : mail@cespl.in, website : www.cespl.in