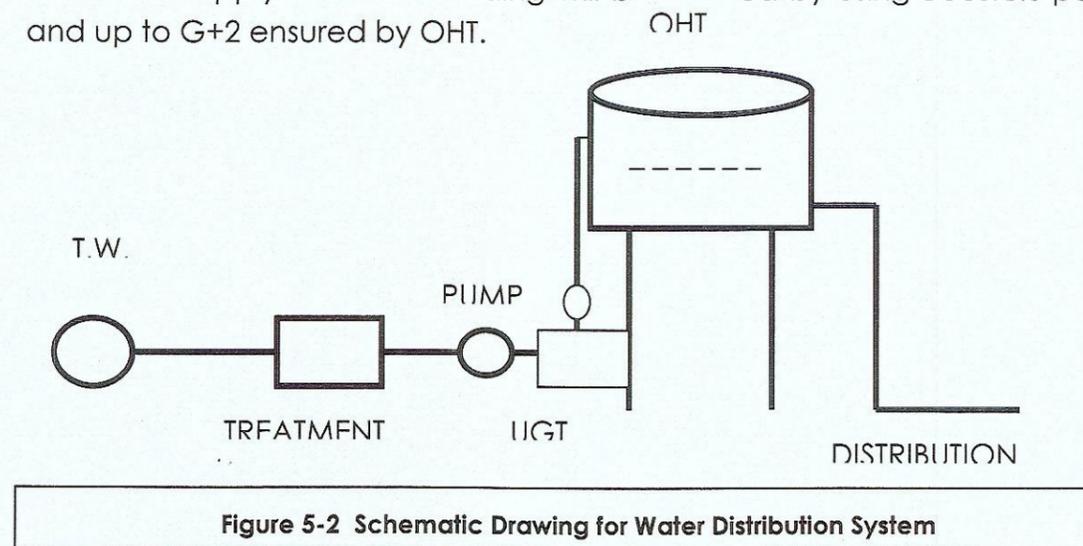


5.2.8 Water Supply Distribution System

- The conveyance of water used in tube wells for trapping ground water will be of size 250mm for single Tube well and 300mm for combined tube well setup.
- The Tube wells will use either CI Pipes or DI Pipes to trap the Ground Water
- The minimum size of pipe considered will be 100mm and maximum size will be 600mm
- The distribution network will use PVC and HDPE pipes in accordance of
 - PVC Pipes will be use up to 150 mm dia
 - HDPE Pipes will be used beyond the 150mm dia
- The water hydrant will be provided at sufficient station to cater fire fighting services
- Sufficient nos. of Valves in accordance of requirement will be provided for efficient control on flow of water in Township
- The water supply for hi rise building will be ensured by using Boosters pumps and up to G+2 ensured by OHT.

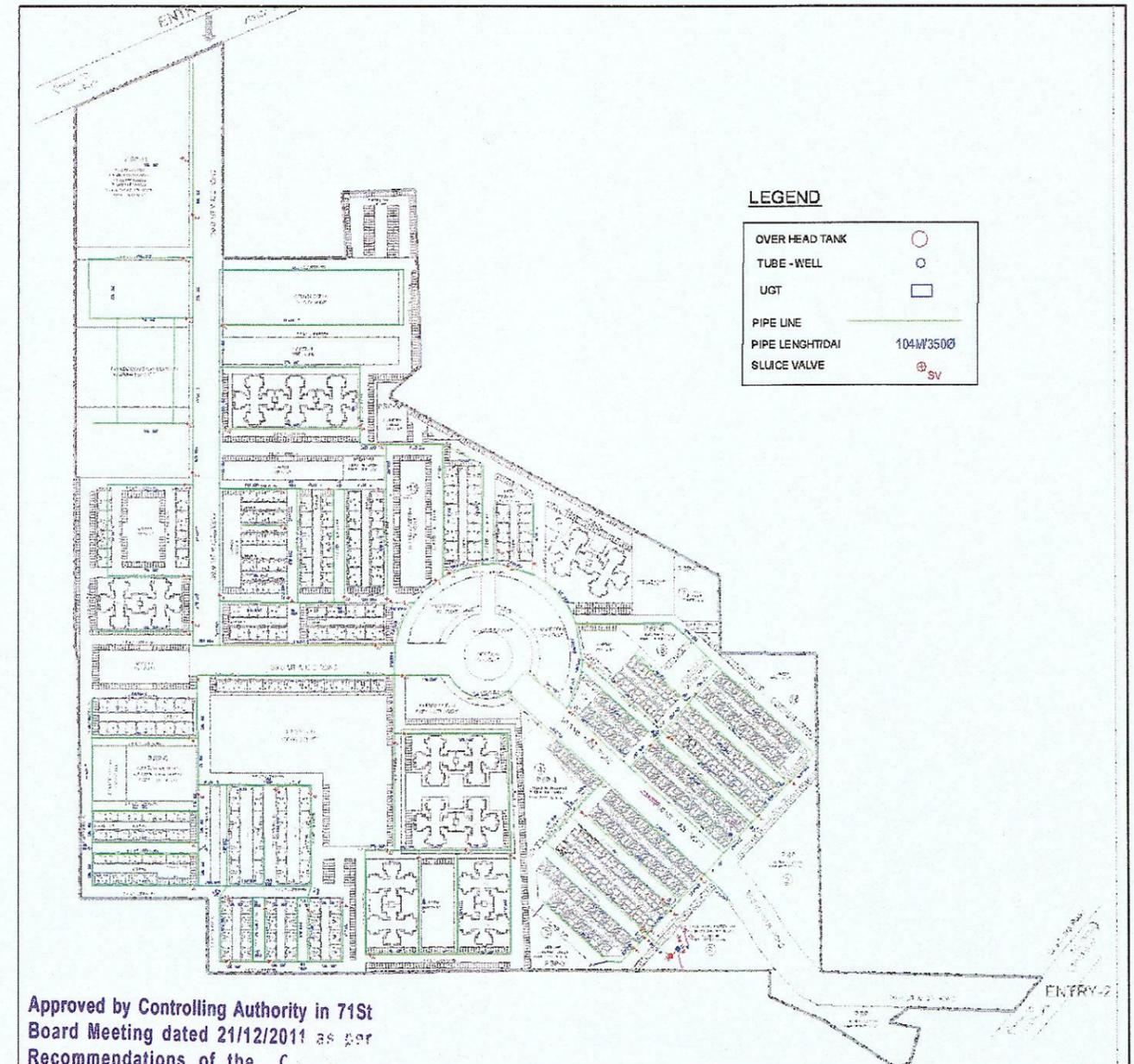


5.2.8 Water supply for Greenery

It is proposed that watering of green covers will be done by using the recycled water from STP. The water demand estimated for maintenance of green covers in

the Township is 0.59 MLD. It is calculated by assuming that 10 liters of water is required to water a sqm of green land. The salient features for the water supply for green covers are as

- Garden hydrants will be provided along the supply line so as to access this water to irrigate the nearby green covers



Approved by Controlling Authority in 71st Board Meeting dated 21/12/2011 as per Recommendations of the C
 Constituted Vide G.O. no. 6163-3-1
 Vividh / 06 Lucknow Dated 22/08/2011
 G.O. no. 4494/आउ-1-07-34 Vividh/08 Lucknow Dated 07-12-2011

Figure 5-3 Water Supply Network

Rudrabhishek
 REGISTERED ARCHITECT
RUDRABHISHEK ENTERPRISES PVT.LTD.



OMAXE LTD. निर्विकार ए टी पी

मुख्य अभियन्ता
 न. वृ. वि. प्रा.
 कथुरा

बिबि
 कथुरा वृन्दावन विकास प्राधिकरण
 कथुरा