

➤ External Drainage System (Road Runoff with overflow from Recharge pit)

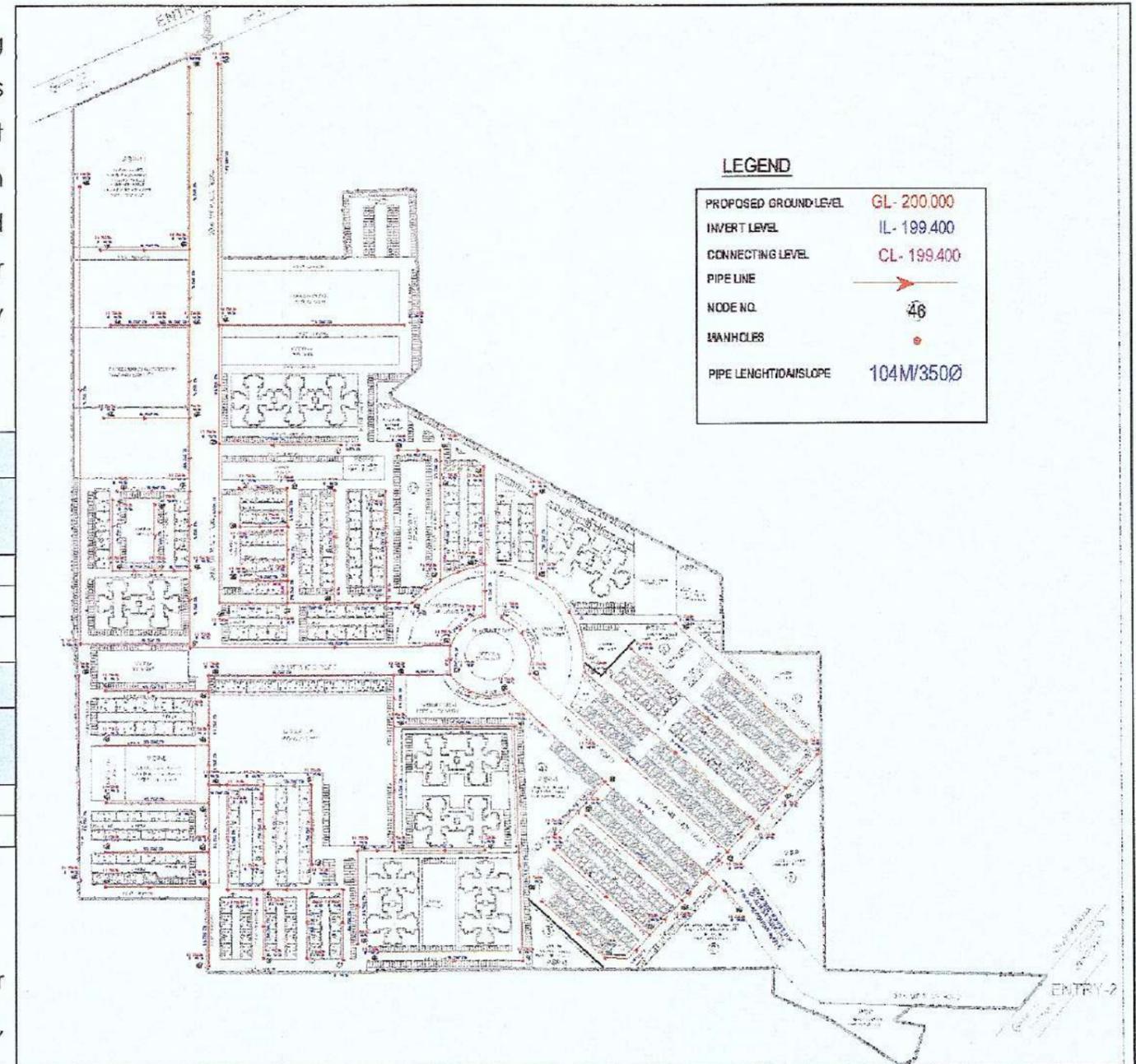
The drainage of this Integrated Township shall be in compliance of the existing natural drainage plain. The rainfall water will be disposed-off in two ways, one is through internal drainage system, which will carry rooftop water to recharge pit "Efficient Water Harvesting system" and second External Drainage system, which will carry road runoff and overflow from recharge pit. The run-off will be discharged in the proposed trunk drains in the master plan prepared by UP Jal Nigam under Yamuna action plan phase-2. (The Master Plan has been approved by Government of India)

Details of Internal Drainage System required in Township				
S. No.	Storm Drains		Manholes No	Gully Pits Nos.
	Size (mm)	Length (Km)		
1.	150-750	7.5	250	250
<b>Total</b>		<b>7.5</b>	<b>250</b>	<b>250</b>

Details of External Drainage System required in Township				
S. No.	Storm Drains		Manholes No	Gully Pits Nos.
	Size (mm)	Length (Km)		
1.	150-750	10.5	350	350
<b>Total</b>		<b>10.5</b>	<b>350</b>	<b>350</b>

5.4.3 Norms Adopted

The entire precipitation over the Township area does not reach storm water drain or sewers. The characteristics of the drainage area such as imperviousness, topography of the area in question including depressions in water pockets, shape of the drainage basis and duration of precipitation determine the fractions known as coefficient of run off as the total precipitation that will reach the point of disposal. In order to determine total Run off, Rational formula has been used.



Approved by Controlling Authority in 71st Board Meeting dated 21/12/2011 as per Recommendations of the Committee Constituted Vide G.O. no. 6168-8-1-2006-53 Vividh / 06 Lucknow Dated 22/03/2006 and G.O. no. 4494/आच-1-07-34 Vividh/08 TC Lucknow Dated 07-12-2007



*Signature*  
RUDRABHISHEK ENTERPRISES PVT.LTD.



OMAXE LTD. निर्विकार ए टी पी

मुख्य अभियन्ता  
श. वृ. वि. प्र.  
सपुरा

सचिव  
सपुरा वृन्दावन विकास प्राधिकरण  
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