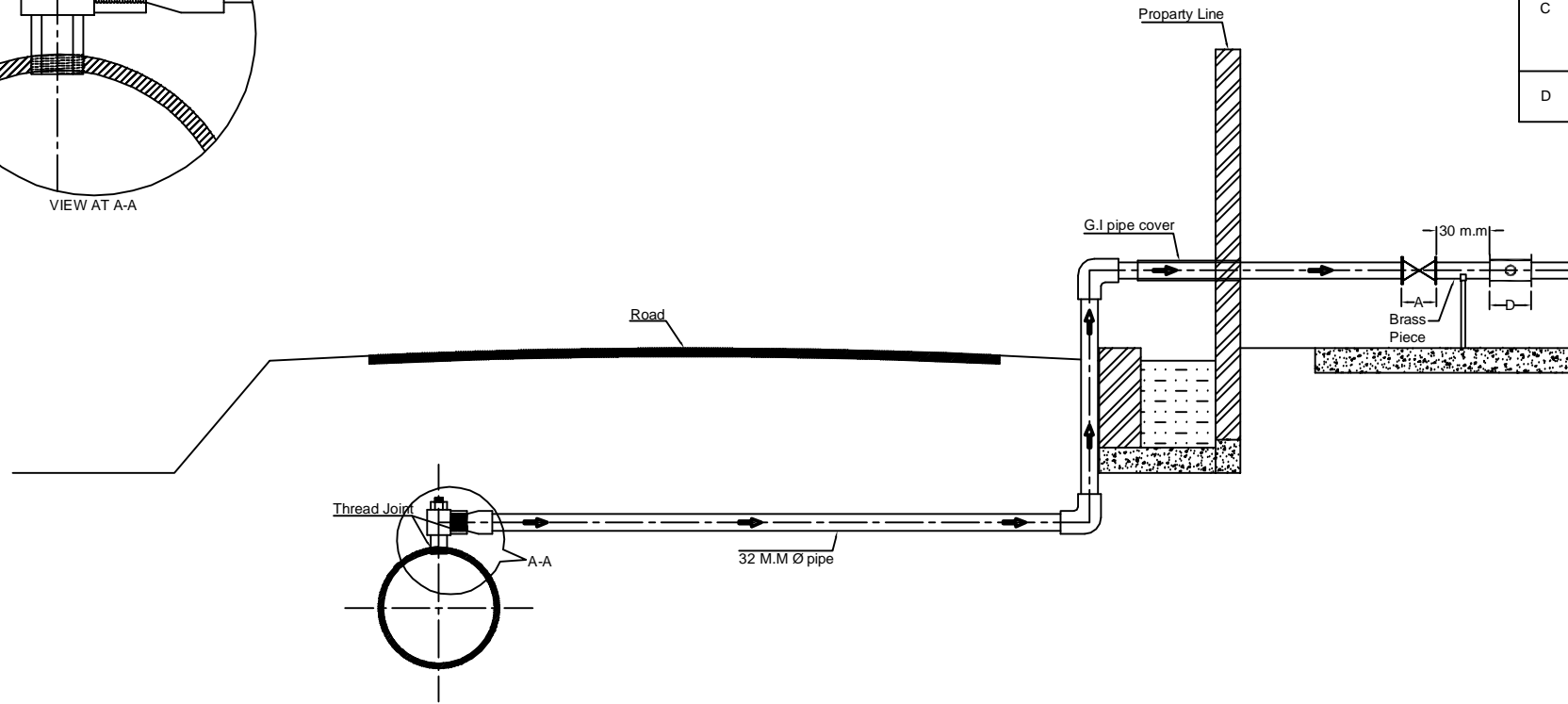


S.I NO	Legend	
A	Gate Valve	
B	Strainer	
C	P.R.V	
D	Meter	



Size of the Connection in Plastic Pipe (PE / PPR)	Bore dia. in Distribution Pipe	Size of Meter
16 mm	12 mm	16 mm
20 mm	15 mm	20 mm
25 mm	20 mm	25 mm
32 mm	25 mm	32 mm
40 mm	32 mm	40 mm
50 mm	40 mm	50 mm

Distribution Pipe dia.	Size of Connection in mm
100 mm	16, 20, 25
150 mm	16, 20, 25, 32, 40
200 mm	16, 20, 25, 32, 40, 50, 65
250 – 300 mm	16, 20, 25, 32, 40, 50, 65, 100

Description	Stop Tap	Strainer	PRV	Meter
High Pressure Zone static head more than 55 m	√	√	√	√
Average Pressure Zone less than 55 m head but more than 12 m	√	√	X	√
Low Pressure Zone i.e. head is less than 12 m	√	X	X	√

Consultants:  
**NJS Consultants Co., Limited-Japan**  
**NJS Engineers India P limited**  
**Exeldea Japan**

Project:  
**INSTITUTIONAL CAPACITY DEVELOPMENT CONSULTANCY**  
**HSC FOR WEST GUWAHATI AREA**

Client:  
**GUWAHATI JAL BOARD**  
 Saikia Commercial Complex, 4th Floor, Christian Basti,  
 GS Road, Guwahati – 781005, Assam, India.

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REV NO.	DATE	REMARKS

Approved by:  
 Checked by:  
 Drawn by: *Dhanjit Deka*  
 Design by:  
 Scale: N.T.S

Title:  
**Option-3**  
**Service connection on D.I pipe**  
**in low pressure zone.**  
 Drg. no:  
 H.S.C.W-03