

**PIPE CROSSING DETAIL**  
NTS

**"X" DIMENSION REQUIREMENTS**

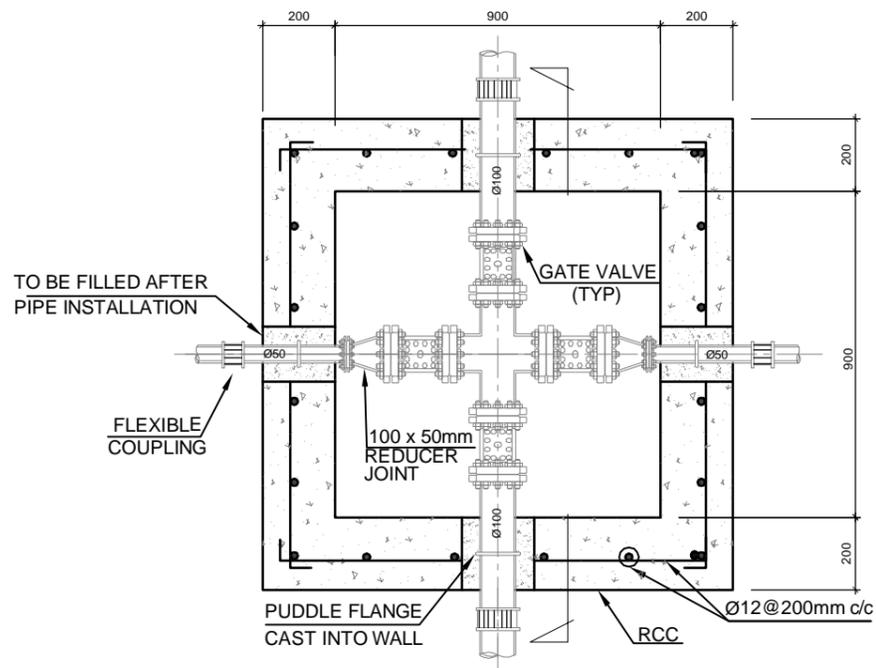
- A - 6" FOR (GAS & OBT LINE CROSSING W/NO CRADLE NEEDED)
- B - 18" FOR STORM SEWER PIPE
- C - IF CROSSING SPACE IS MORE THAN MIN.SPACE OF CRADLE BELOW PIPE BOTTOM PLUS AFORMENTIONED "X" DIMENSION THEN EXTEND "X" DIMENSION TO MAKE UP DIFFERENCE.

**CONCRETE CRADLE CONDITIONS**

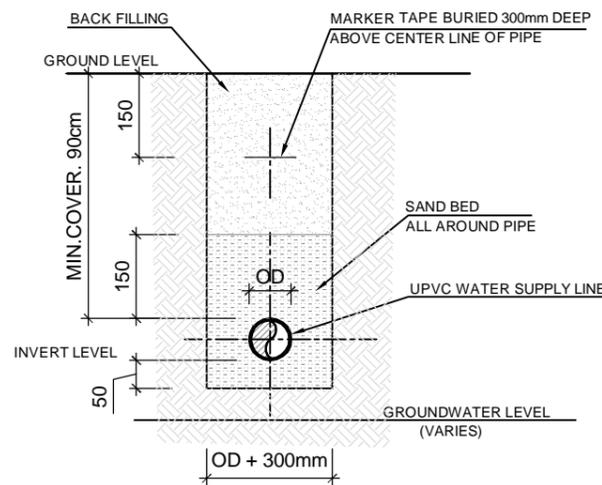
- A - IF SANITARY OR SEWER PIPE JOINT IS WITHIN PROPOSED IMPROVEMENT TRENCH LIMIT
- B - IF CROSSING SPACE IS LESS THAN MIN.SPACE OF CRADLE BELOW PIPE BOTTOM PLUS "X" DIMENSION THEN OMIT SAND FILL AND USE CONCRETE

**NOTE:-**

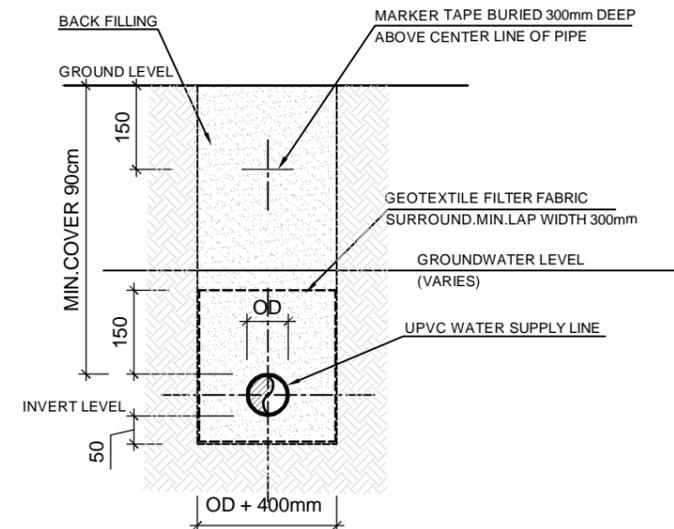
USE OF BENDS & THRUST BLOCKS OR JOINT DEFLECTION TO BE DETERMINED IN FIELD FOR EACH CROSSING



**VALVE CHAMBER**



**TYPICAL PIPE TRENCH DETAIL (WATER TABLE BELOW TRENCH BASE)**  
N.T.S



**TYPICAL PIPE TRENCH DETAIL (WATER TABLE ABOVE TRENCH BASE)**  
N.T.S

**REFERENCE DRAWINGS**

SL.No	DRAWING No.	DESCRIPTION

REV	DATE	DESCRIPTION	DRAWN	CHKD	APPRE
0	15.09.'15	DETAILED DESIGN SUBMISSION	JP	SS	MA

**REVISION**

CLIENT  
**MINISTRY OF ENVIRONMENT & ENERGY**  
**REPUBLIC OF MALDIVES**

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PROJECT:  
 Provision of Water Supply Facilities in 04 islands and Sewerage Facilities in 05 islands - R.Hulhudhuffaar Island - Republic of Maldives

DRAWING TITLE:  
**TYPICAL DETAILS-WATER SUPPLY (SHEET-02)**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SK	JP	SS	MA	AS SHOWN	15.09.'15
PROJECT No.	SHEET No.	DRAWING No.			
K-619	2 OF 4	RH-WS-103			
REV. No.	0				