



CLASS	RCP	
	MIN (ft)	MAX (ft)
III	2	20
IV	1	30

Pipe Diameter (in)	PP		CSP		CAAP	
	MIN (in)	MAX (ft)	MIN (in)	MAX (ft)	MIN (in)	MAX (ft)
15	12	28	12	158	12	98
18	12	28	12	131	12	81
21			12	113	12	69
24	12	26	12	98	12	60
30	12	26	12	79	12	57
36	12	20	12	65	12	47
42	12	20	12	55	12	40
48	12	20	12	48	12	35
54			12	56	15	31
60	24	20	12	50	15	28

NOTES:

1. EXCAVATE TO 6 INCHES BELOW THE PROPOSED PIPE ELEVATION.
2. PROVIDE 6 INCHES STONE BEDDING.
3. WHERE BELL AND SPIGOT PIPE IS USED, PROVIDE RECESSES TO RECEIVE PIPE BELL.
4. UNDERCUT UNSUITABLE MATERIAL AS DIRECTED BY THE ENGINEER AND BACKFILL WITH STONE OR OTHER APPROVED MATERIAL.
5. BACKFILL MATERIAL SHALL BE APPROVED SUITABLE MATERIAL.
6. MAX. BACKFILL LIFTS ARE STATED IN UNCOMPACTED DEPTHS.
7. WHERE NECESSARY, TEMPORARILY DIVERT SURFACE WATER TO MAINTAIN A DRY CONDITION IN THE PIPE FOUNDATION. DIRECT THIS TEMPORARY FLOW INTO SUITABLE EROSION CONTROL DEVICES.

TOWN OF APEX
STANDARDS

EFFECTIVE: AUGUST 12, 2025

STORM DRAIN PIPE BEDDING & BACKFILLING

STD. NO.

500.09

SHEET 1 OF 1