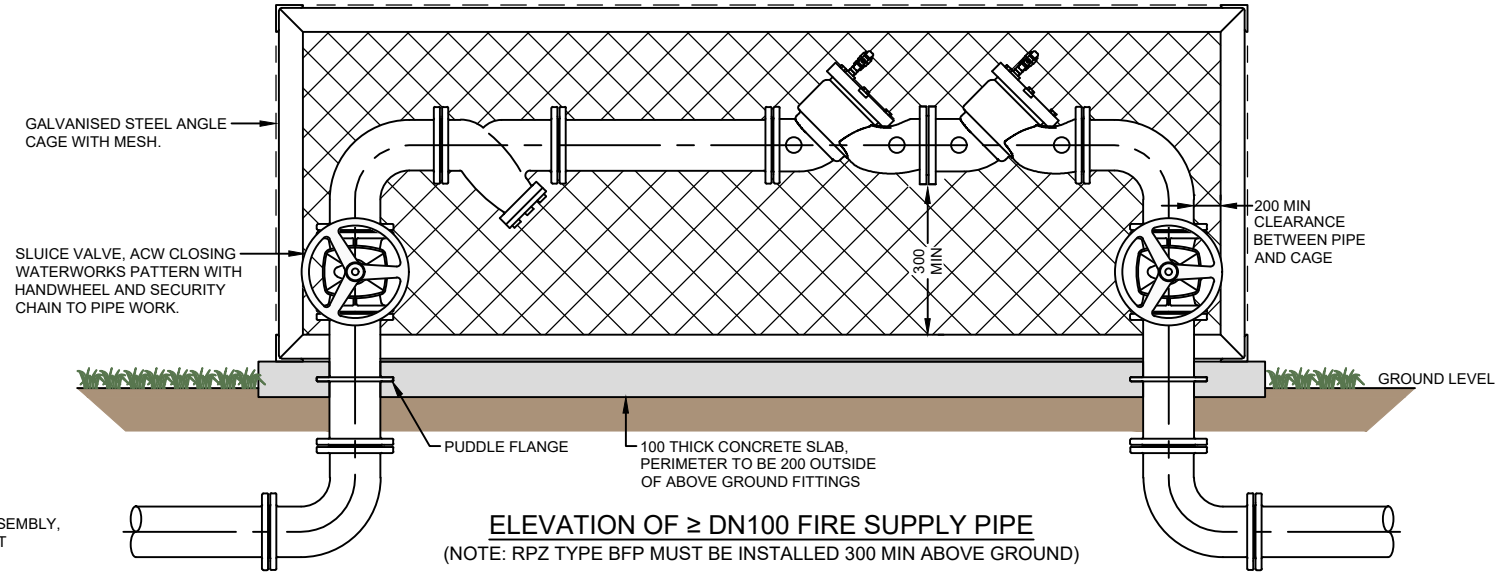


**FIRE SPRINKLER AND METERED SERVICE CONNECTION WITH COMMON PIPE FROM MAIN**  
(NOTE: RPZ TYPE BFP MUST BE INSTALLED 300 MIN ABOVE GROUND)

≥ DN100 FIRE SUPPLY PIPE IF CONNECTION USED FOR BOTH FIRE AND DOMESTIC PURPOSE. SET-UP AS PER DOMESTIC DETAIL BUT WITH A COMBINATION CLASS C METER.



**ELEVATION OF ≥ DN100 FIRE SUPPLY PIPE**  
(NOTE: RPZ TYPE BFP MUST BE INSTALLED 300 MIN ABOVE GROUND)

- NOTE:**
1. ALL DIMENSIONS IN MILLIMETRES.
  2. APPROVED TESTABLE RPZ CHECK VALVE ASSEMBLY, AS PER N.Z. BUILDING CODE G12 TO PREVENT BACKFLOW HAZARD.
  3. RPZ STYLE BACKFLOW PREVENTERS SHALL BE 300mm ABOVE THE GROUND.
  4. UPSTREAM AND DOWNSTREAM METER STRAIGHT LENGTH AS PER MANUFACTURERS SPECIFICATION.
  5. METERS ≤ 50Ø SHALL BE CLASS 'C' (A COMBINATION TYPE ACCEPTABLE).
  6. ALL METER/RPZ PIPEWORK SHALL BE WITHIN A SUITABLY APPROVED PROTECTIVE CAGE/BOX.



**STANDARD DETAILS**  
TYPICAL LAYOUT OF ≥DN100 FIRE INSTALLATION AND DOMESTIC SUPPLIES

Drawn	Designed	
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Approved	Revision Date	
M. COLE	MAY 2021	
Scale	Drawing No.	Revision
NOT TO SCALE	KCDC-WS-016	R1