



- NOTE**
- REFER TO STANDARD DRAWINGS 2-4-2 FOR DETAILS AND GENERAL NOTES ON TYPICAL 125mm DIAMETER LATERAL CONNECTIONS TO THE SEWER MAIN. ALTERNATE VERTICAL RISER CONNECTION DETAILS ARE SHOWN FOR FLEXIBLE PIPE.
 - ALL INSULATION TO BE RIGID TYPE EXTRUDED POLYSTYRENE FOAM DOW HI-40 OR HI-100 OR APPROVED EQUAL. ALL CHAMBER INSULATION TO BE INSTALLED WITH CONSTRUCTION ADHESIVE AND TAPCON ANCHORS AT MAX. 600mm SPACING IN ALL DIRECTIONS (MIN. 2 ANCHORS PER SHEET OF INSULATION).
 - ALL PIPE, JOINTS, AND APPURTENANCES MUST EXCEED MAXIMUM OPERATIONAL PRESSURE OF GRINDER PUMP BY A FACTOR OF 1.5.
 - ALL JOINTS WITHIN CHAMBER TO BE MECHANICAL TO ALLOW FOR EASY SERVICING OR REPLACEMENT OF BALL VALVE.



**PUBLIC WORKS
STANDARD DRAWING**

**SERVICE CONNECTIONS FOR GRINDER PUMP
FORCEMAIN TO GRAVITY SEWER DETAIL
FOR MULTI-RESIDENTIAL OR INDUSTRIAL,
COMMERCIAL, INSTITUTIONAL**

REV. DATE: AUGUST 2020	
REVISION NUMBER:	FOR REVISION TRACKING REFER TO STD. DWG. 2-4-2
APPROVED BY	DRAWN BY
A.P.	AINLEY GROUP
STD. DWG. NUMBER	SCALE
2-4-7B	N.T.S.