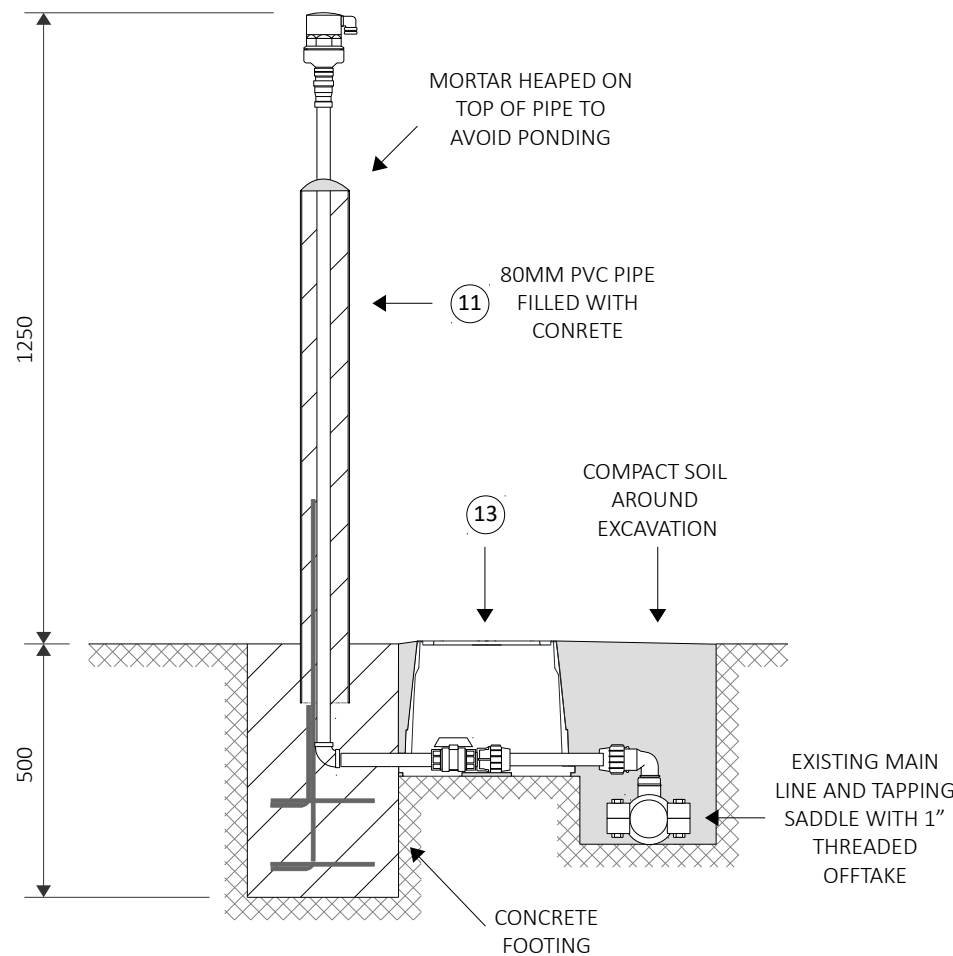
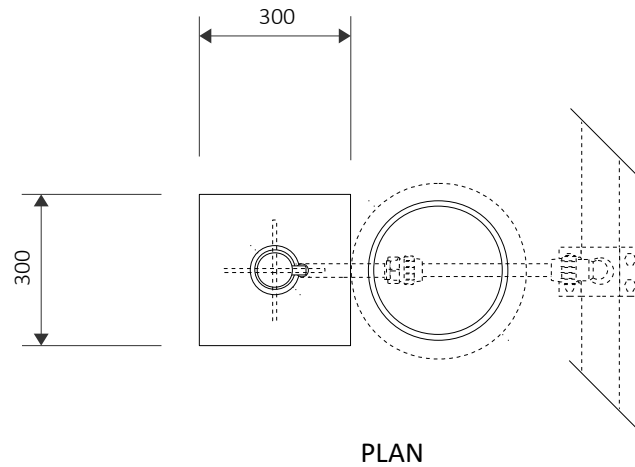


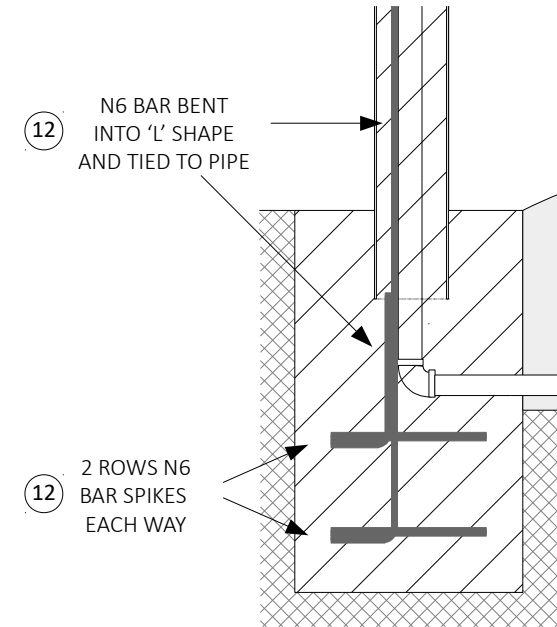
PIPE ASSEMBLY (1:10)

	REF	ITEM	UNIT	QTY
PIPE AND FITTINGS	1	Nylon Combination Air Valve 1"	each	1
	2	Galvanised Iron Reducing Socket 1" x 3/4"	each	1
	3	Galvanised Pipe SCH40 3/4" Threaded Both Ends M-M	1.3m length	1
	4	Galvanised Iron Elbow 90D 3/4"	each	1
	5	Galvanised Pipe SCH40 3/4" Threaded Both Ends M-M	0.2m length	1
	6	Polypropylene Ball Valve 3/4" F-F	each	1
	7	Polypropylene Male Adapter 25mm x 3/4"	each	1
	8	Polyethylene PN10 PE100 Pipe 25mm	0.3m length	1
	9	Polypropylene Male Elbow Adapter 25mm x 1"	each	1
	10	Polypropylene Tapping Saddle ___mm x 1"	each	1
	11	PVC DWV Solvent Cement Joint Pipe 80mm	1m length	1
POST AND FOOTING	12	Deformed Steel Bar 6mm (N6)	3m length	1
	13	Polypropylene Valve Box Round 10"	each	1
	-	Portland GP Cement Bag 40kg	40kg bag	1
	-	Coarse White Sand	kg	24
	-	Stone/Coral Aggregate	kg	62
CONSUMABLES	-	Thread Tape 12mm x 10m White	roll	1
	-	Rebar tie (binding) wire 1.57mm	kg	0.5



SECTION THROUGH POST AND MAIN LINE


REINFORCEMENT BENDING SCHEDULE	
ITEM	QTY
N6 BAR - L-SHAPE 300mm x 100mm	3
N6 BAR - L-SHAPE 600mm x 100mm	1
N6 BAR - LENGTH 200mm	4



FOOTING DETAIL (1:10)

**NOTES:**

- AIR VALVE TO BE RETROFITTED AFTER FINAL PIPELINE CONNECTION TO ENSURE INSTALLATION AT THE HIGHEST LOCAL ELEVATION IN THE PIPELINE SECTION OR AS SPECIFIED BY AN ENGINEER
- AIR VALVE TO BE A NYLON, AUTOMATIC COMBINATION (WITH AIR-RELEASE AND AIR/VACUUM FUNCTION) VALVE RATED TO PN10 UNLESS OTHERWISE SPECIFIED BY AN ENGINEER
- AIR VALVE CAN BE SUBSTITUTED WITH A HIGHER CAPACITY OR LARGER THREAD IF SPECIFIED BY CHANGING SIZE OF REDUCING SOCKET
- FOR CONCRETE SPECIFICATIONS SEE DGF – 1.01
- ENSURE PVC PIPE IS RAMMED CONTINUOUSLY WHEN FILLING TO REMOVE ENTRAPPED AIR

REVISION	Date	Name	Description	Owner: Vanuatu Department of Water Resources		Drawing Name : <b>AIR VALVE POST</b>		Drawing No. : <b>DGF – 1.05</b>	
	25/10/18	K.D.	BALL VALVE AND BOX	Project Name : DGF Standard Drawings				Paper Size & Scale	
						A3		1:15	REV 2
				Drafter: K. Davis 15/07/18	G. Longman 24/08/18	Plot Date :			