


Detailed Listing of the Opinion of Probable Project Cost					
Prepared by: PEI					
Project:	Orchard Woods - Onsite Water				
PEI #	211142				
Last Revised	January 18, 2023				
By:	KAD/DEU				
Notes:	2023 Construction Dollars				
	<u>Item Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Item Total</u>
	1 8" C-900 PVC*	2376	L.F.	\$65.00	\$154,440.00
	2 8"x8"x8" Tee	4	Each	\$600.00	\$2,400.00
	3 8" Gate Valve	12	Each	\$3,100.00	\$37,200.00
	4 Valve Box, Cover, & Lid	4	Each	\$525.00	\$2,100.00
	5 Tap Ex. 8" Main	1	Each	\$1,000.00	\$1,000.00
	6 8" 11.25° Bend W/ Horizontal Thrust Block	12	Each	\$500.00	\$6,000.00
	7 8" 22.5° Bend W/ Horizontal Thrust Block	1	Each	\$500.00	\$500.00
	8 8" 45° Bend W/ Horizontal Thrust Block	3	Each	\$500.00	\$1,500.00
	9 8" 90° Bend W/ Horizontal Thrust Block	1	Each	\$500.00	\$500.00
	10 8" 45° Bend W/ Vertical Thrust Block	14	Each	\$500.00	\$7,000.00
	11 Temporary In-Line Fire Hydrant Assembly	2	Each	\$4,000.00	\$8,000.00
	12 Fire Hydrant Assembly	5	Each	\$7,000.00	\$35,000.00
	13 Remove Existing 8" Gate Valve & Blow Off Assembly	1	Lump Sum	\$500.00	\$500.00
	14 Trench & Backfill Under Pavement	181	L.F.	\$30.00	\$5,430.00
	15 Misc. Fittings	1	Lump Sum	\$5,000.00	\$5,000.00
Total Opinion of Probable Construction Costs:					\$266,570.00


PHELPS ENGINEERING, INC

