

Engineer's Estimate of Construction Costs
SANITARY SEWER AND WATER SYSTEMS
PHASE 1C - SECOND PHASE
SHEA HOMES
THE DUNES ON MONTEREY BAY
MARINA, CA

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
<u>Water</u>					
1.	8" PVC Water Pipe <i>(Including all appurtenances)</i>	3,334	LF	\$44.00	\$146,696.00
2.	12" PVC Water Pipe <i>(Including all appurtenances)</i>	773	LF	\$74.00	\$57,202.00
3.	1" Water Service	89	EA	\$2,500.00	\$222,500.00
4.	2" Water Service (Split Services)	4	EA	\$5,668.00	\$22,672.00
5.	4" Water Service (Vault Services)	2	EA	\$17,000.00	\$34,000.00
6.	Fire Hydrants	9	EA	\$8,850.00	\$79,650.00
7.	2" Irrigation Service	1	EA	\$2,900.00	\$2,900.00
	Water Subtotal				<u>\$565,620.00</u>
<u>Reclaimed Water</u>					
1.	8" Reclaimed Water Pipe <i>(Including all appurtenances)</i>	1,252	LF	\$55.00	\$68,860.00
2.	2" Irrigation Service from Reclaimed Water Line	3	EA	\$2,900.00	\$8,700.00
3.	Recycled Water to Domestic Water Connection	1	EA	\$20,000.00	\$20,000.00
	Reclaimed Water Subtotal				<u>\$97,560.00</u>
<u>Sanitary Sewer</u>					
1.	8" PVC Sanitary Sewer Pipe	2,655	LF	\$44.00	\$116,820.00
2.	15" PVC Sanitary Sewer Pipe	437	LF	\$75.00	\$32,775.00
3.	Sanitary Sewer Manhole	20	EA	\$6,186.00	\$123,720.00
4.	Sanitary Sewer Service	71	EA	\$1,175.00	\$83,425.00
	Sanitary Sewer Subtotal				<u>\$356,740.00</u>
	Total Construction Costs				<u>\$1,019,920</u>