

SECTION 00 4100 - 5
STOLTE RANCH UNIT 8

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>STREET/LOT IMPROVEMENTS</u>					
1.	Mobilization	LS	1		\$
2.	Excavation	CY	16,443		\$
3.	Embankment	CY	28,586		\$
4.	Import (From Unit 7)	CY	12,142		\$
5.	2" Type D Asphalt (Local A & B)	SY	11,952		\$
6.	2" Type C Asphalt (Local B)	SY	7,460		\$
7.	8.5" Flex Base (Local A)	SY	4,845		\$
8.	14.5" Flex Base (Local B)	SY	8,112		\$
9.	6" Lime Stabilized Subgrade (Local A)	SY	4,845		\$
10.	8" Lime Stabilized Subgrade (Local B)	SY	8,112		\$
11.	4' Concrete Sidewalk	SY	516		\$
12.	7" Concrete Standard Curb	LF	5,170		\$
13.	Barricade Posts	EA	8		\$
14.	Header Curb	LF	40		\$
15.	TPDES	LS	1		\$
16.	Signage	LS	1		\$
17.	Retaining Wall	FF	2,560		\$
				SUBTOTAL	\$
<u>DRAINAGE IMPROVEMENTS</u>					
1.	Reinforced Concrete Class 'A'				
	a. (5) ~ 8'X4' MBC	LF	97		\$
	b. 5' Sidewalk Box	EA	5		\$
2.	6" Concrete Rip Rap	SY	6,782		\$
3.	6"-8" Rock Rubble 18" Deep	SY	73		\$
4.	Baffle Blocks	CY	3.4		\$
5.	Headwalls	CY	18.8		\$
6.	Pipe Handrail	LF	32		\$
7.	Revegetation	SY	13,099		\$
				SUBTOTAL	\$

NOTES

- Embankment does not include a soils shrinkage factor.***
- Contractor shall install tree protection for the areas outlined to be saved on the approved tree plan per the standard COSA Tree Protection Detail.***
- Excess material generated from site grading and utility spoils will be needed for detailed lot grading. Excess material will need to be evaluated per geotechnical recommendations for use as lot fill.***
- Revegetation (sod/seed/hydromulch) includes area within 900 series lots and additional grading outside of platting lots, and alignment of offsite utility extensions.***
- Contractor to field verify mass grading within the Unit has been sufficiently completed per plan and make adjustments as needed to bring the site to finished grade. Additionally, contractor to field verify construction of earthen interceptor channels "A" and "B" included with mass grading of Units 5,6 & 7 have been constructed per plan, and make any adjustments necessary to ensure the channels are constructed per plan.***
- Remove header curb and barricade posts have been removed from quantities since it is an intermediate item between Units 7 and 8. This bid assumes that Units 7 and 8 will be built concurrently.***

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ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
<u>SANITARY SEWER IMPROVEMENTS</u>					
1.	8" Sanitary Sewer Pipe (SDR-26)				
	b. (8' - 10')	LF	1,641		\$
	c. (10' - 12')	LF	250		\$
	d. (12' - 14')	LF	100		\$
	e. (14' - 16')	LF	150		\$
2.	Standard Sanitary Sewer Manhole	EA	13		\$
3.	Standard Manhole Extra Depth	VF	54		\$
4.	Tie Into Existing Fiberglass Manhole	EA	1		\$
5.	8"x6" Wye	EA	54		\$
6.	6" Sanitary Sewer Lateral (SDR-26 Pipe)	LF	2,868		\$
7.	Vertical Stack	VF	43		\$
8.	Trench Excavation Protection	LF	2,141		\$
9.	TV Video Sewer Line	LF	2,141		\$
				SUBTOTAL	\$

NOTES

- Tie into existing manhole and adjust manhole top to include matching proposed grading and recoat manhole per SAWS specifications.*
- 8"x6" Wye quantity excludes all saintary sewer laterals that tie directly in to manholes.*

WATER IMPROVEMENTS

1.	2" HDPE Pipe, DR 9	LF	960		\$
2.	8" PVC C900, DR 18	LF	967		\$
3.	8" Gate Valve, MJ w/Valve Box	EA	7		\$
4.	8" Division Valve, MJ w/Valve Box	EA	6		\$
5.	12" PVC C900, DR 18	LF	1,509		\$
6.	12" Gate Valve, MJ w/Valve Box	EA	4		\$
7.	Standard Fire Hydrant Assembly	EA	5		\$
8.	Cast Iron Fittings	Ton	3.9		\$
9.	Tie Into Existing 4" Main	EA	1		\$
10.	Tie Into Existing 12" Main	EA	1		\$
11.	3/4" Single Service, Short (5/8" Meter)	EA	52		\$
12.	3/4" Single Service, Long (5/8" Meter)	EA	14		\$
13.	3/4" Irrigation Service (5/8" Meter)	EA	2		\$
14.	2" Temporary Blowoff	EA	1		\$
15.	2" Permanent Blowoff	EA	3		\$
16.	Joint Restraints	LS	1		\$
17.	Hydrostatic Pressure Test	EA	4		\$
18.	Trench Excavation Protection	LF	3,436		\$
19.	Chlorination	LF	3,436		\$
20.	Meter Box	EA	68		\$
				SUBTOTAL	\$
				TOTAL	\$