

ENGINEERING COST ESTIMATE

ENGINEERING SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO

DATE:
10/18/2021

PROJECT NAME:

Chapel Ridge Townhomes, Phase 5

SITE LOCATION:

3701 NE AKIN DR
Lee's Summit, MO

ITEM AND DESCRIPTION	UNIT	ESTIMATED QUANTITY	LABOR AND MATERIAL COST PER UNIT	COST PER ITEM
CONCRETE PAVING	S.Y.	4,270.00	30.00	\$ 128,100.00
4" COMPACTED AGGREGATE BASE	S.Y.	4,750.00	6.50	\$ 30,875.00
CURBING	FT	2,856.00	9.25	\$ 26,418.00
RETAINING WALL	SFF	1,586.00	10.00	\$ 15,860.00
CLEARING, GRADING & GRUBBING	LS	1	35000.00	\$ 35,000.00
STORM PIPE				
15" HDPE	FT	489.21	23.00	\$ 11,251.83
18" HDPE	FT	49.70	30.50	\$ 1,515.85
24" HDPE	FT	207.61	40.30	\$ 8,366.68
CONNECTION TO EX. INLET	UNIT	1.00	600.00	\$ 600.00
8" PVC SDR 26	LF	1,406.02	32.00	44992.64
6" PVC SDR 26 Service Line	LF	1,590.00	23.60	37524.00
TRACER WIRE AND EQUIPMENT	FT	1,590.00	1.00	\$ 1,590.00
1" Type K Soft Copper Water Service Line	FT	900.00	15.00	\$ 13,500.00
2" Type K Soft Copper Water Service Line	FT	1,222.00	20.00	\$ 24,440.00
WATER METER	UNIT	1	150.00	150.00
8" C900 PVC CLASS 200	FT	473.00	32.00	\$ 15,136.00
8" TAPPING SLEEVE & VALVE	UNIT	1.00	1,800.00	\$ 1,800.00
THRUST BLOCKS	UNIT	1.00	400.00	\$ 400.00
FIRE HYDRANT ASEMBLY	UNIT	1.00	3800.00	3800.00
BACKFLOW VAULT	UNIT	4.00	7,500.00	\$ 30,000.00
TOTAL COST =				\$ 431,320.00