

PIPE SIZE (IN)		6	8	10	12	16	20	24	30	36	42	48
EXCAVATION QUANTITIES												
ALL DEPTHS	PIPE AREA (SQ FT)	0.35	0.55	0.79	1.07	1.77	2.64	3.69	5.59	7.88	10.56	13.64
	TRENCH WIDTH (FT)	1.50	2.00	2.17	2.33	2.67	3.00	4.00	4.50	5.00	5.50	6.00
3.0 FT COVER	TRENCH DEPTH (FT)	4.17	4.33	4.50	4.67	5.00	5.33	5.67	6.17	6.67	7.17	7.67
	CU FT PER LF	6.25	8.67	9.75	10.89	13.33	16.00	22.67	27.75	33.33	39.42	46.00
	CU YD PER LF	0.23	0.32	0.36	0.40	0.49	0.59	0.84	1.03	1.23	1.46	1.70
3.5 FT COVER	TRENCH DEPTH (FT)	4.67	4.83	5.00	5.17	5.50	5.83	6.17	6.67	7.17	7.67	8.17
	CU FT PER LF	7.00	9.67	10.83	12.06	14.67	17.50	24.67	30.00	35.83	42.17	49.00
	CU YD PER LF	0.26	0.36	0.40	0.45	0.54	0.65	0.91	1.11	1.33	1.56	1.81
4.0 FT COVER	TRENCH DEPTH (FT)	5.17	5.33	5.50	5.67	6.00	6.33	6.67	7.17	7.67	8.17	8.67
	CU FT PER LF	7.75	10.67	11.92	13.22	16.00	19.00	26.67	32.25	38.33	44.92	52.00
	CU YD PER LF	0.29	0.40	0.44	0.49	0.59	0.70	0.99	1.19	1.42	1.66	1.93
4.5 FT COVER	TRENCH DEPTH (FT)	5.67	5.83	6.00	6.17	6.50	6.83	7.17	7.67	8.17	8.67	9.17
	CU FT PER LF	8.50	11.67	13.00	14.39	17.33	20.50	28.67	34.50	40.83	47.67	55.00
	CU YD PER LF	0.31	0.43	0.48	0.53	0.64	0.76	1.06	1.28	1.51	1.77	2.04
5.0 FT COVER	TRENCH DEPTH (FT)	6.17	6.33	6.50	6.67	7.00	7.33	7.67	8.17	8.67	9.17	9.67
	CU FT PER LF	9.25	12.67	14.08	15.56	18.67	22.00	30.67	36.75	43.33	50.42	58.00
	CU YD PER LF	0.34	0.47	0.52	0.58	0.69	0.81	1.14	1.36	1.60	1.87	2.15
5.5 FT COVER	TRENCH DEPTH (FT)	6.67	6.83	7.00	7.17	7.50	7.83	8.17	8.67	9.17	9.67	10.17
	CU FT PER LF	10.00	13.67	15.17	16.72	20.00	23.50	32.67	39.00	45.83	53.17	61.00
	CU YD PER LF	0.37	0.51	0.56	0.62	0.74	0.87	1.21	1.44	1.70	1.97	2.26
6.0 FT COVER	TRENCH DEPTH (FT)	7.17	7.33	7.50	7.67	8.00	8.33	8.67	9.17	9.67	10.17	10.67
	CU FT PER LF	10.75	14.67	16.25	17.89	21.33	25.00	34.67	41.25	48.33	55.92	64.00
	CU YD PER LF	0.40	0.54	0.60	0.66	0.79	0.93	1.28	1.53	1.79	2.07	2.37
SAND ENCASEMENT QUANTITIES												
ALL DEPTHS	DEPTH (FT)	1.67	1.83	2.00	2.17	2.50	2.83	3.17	3.67	4.17	4.67	5.17
	CU FT PER LF	2.15	3.12	3.55	3.99	4.90	5.86	8.98	10.91	12.96	15.11	17.36
	CU YD PER LF	0.08	0.12	0.13	0.15	0.18	0.22	0.33	0.40	0.48	0.56	0.64

PIPE AREA BASED ON NOMINAL PIPE DIA. PLUS 2" PIPE THICKNESS

SAND DEPTH = NOMINAL PIPE DIA. PLUS 2" PIPE THICKNESS PLUS 6" ABOVE AND BELOW PIPE

	EXCAVATION PAY LIMIT DIMENSIONS		
	DRAWN BY:	D&B GUARINO	DATE: FEB. 2022
	CHECKED BY:	WD	DETAIL ID: INSTALL-04