				Daily				2022 Bar			Total
	3 19.40 Wellpoints		Crew	Output	Hours	Unit	Material	Labor	Equipment	Total	Ind 0&P
1910	the pump operator, and one stand-by pump.									_	
	23 23 - Fill										
. v	3 23.13 Backfill										
0010	BACKFILL	R312323-30									
0015	By hand, no compaction, light soil		1 Clab	14	.571	L.C.Y.		26		26	39
0100	Heavy soil			11	.727	"		33		33	49.5
0300	Compaction in 6" layers, hand tamp, add to above		7.0.104	20.60	.388	E.C.Y.		17.70	1.07	17.70	26.5
0400	Roller compaction operator walking, add		B-10A	100	.120			6.65	1.37	8.02	11.4
0500	Air tamp, add Vibrating plate, add		B-9D A-1D	190	.211			9.70	1.87	11.57	16.4 11.1
0600	Compaction in 12" layers, hand tamp, add to above		1 Clab	34	.235			10.75	1.00	7.98 10.75	16
0900			B-10A	150	.080			4.44	.91	5.35	7.6
1000	Air tamp, add		B-9	285	.140			6.45	1.16	7.61	10.9
1100	Vibrating plate, add		A-1E	90	.089			4.05	1.52	5.57	7.7
1300	Dozer backfilling, bulk, up to 300' haul, no compaction		B-10B	1200	.010	L.C.Y.		55	1.12	1.67	2.0
1400	Air tamped, add		B-11B	80	.200	E.C.Y.		10.25	5.60	15.85	21.5
1600	Compacting backfill, 6" to 12" lifts, vibrating roller		B-10C	800	.015			.83	2.52	3.35	4.0
1700	Sheepsfoot roller		B-10D	750	.016	1 1		.89	2.37	3.26	3.9
1900	Dozer backfilling, trench, up to 300' haul, no compaction		B-10B	900	.013	L.C.Y.		.74	1.50	2.24	2.7
2000	Air tomped, add		B-11B	80	.200	E.C.Y.		10.25	5.60	15.85	21.5
2200	Compacting backfill, 6" to 12" lifts, vibrating roller		B-10C	700	.017			.95	2.88	3.83	4.5
2300	Sheepsfoot roller		B-10D	650	.018	<u> </u>		1.02	2.74	3.76	4.5
2350	Spreading in 8" layers, small dozer		B-10B	1060	.011	L.C.Y.		.63	1.27	1.90	2.3
31 23	3 23.14 Backfill, Structural										
0010	BACKFILL, STRUCTURAL									-	
0011	Dozer or F.E. loader										
0020											
1000	55 HP wheeled loader, 50' haul, common earth		B-11C	200	.080	L.C.Y.		4.24	1.64	5.88	8.1
2000	80 HP, 50' haul, sand & gravel		B-10L	1100	.011			.61	.49	1.10	1.4
2010	Sandy clay & loam			1070	.011			.62	.50	1.12	1.4
2020	Common earth			975	.012			.68	.55	1.23	1.6
2040	Clay			850	.014			.78	.63	1.41	1.8
2400	300' haul, sand & gravel			370	.032			1.80	1.45	3.25	4.2
2410	Sandy clay & loam	,		360	.033			1.85	1.49	3.34	4.3
2420	: Common earth			330	.036			2.02	1.62	3.64	4.7
2440	Clay		÷	290	.041			2.30	1.85	4.15	5.4
3000	105 HP, 50' haul, sand & gravel		B-10W	1350	.009			.49	.49	.98	1.2
3010	Sandy clay & loam			1325	.009			.50	.50	1	1.3
3020	Common earth	-	1.	1225	.010			.54	.54	1.08 1	1.4
3040	Clay			1100	.011			.61	.60	1.21	1.5
3300	300' haul, sand & gravel	;		465	.026			1.43	1.42	2.85	3.6
3310	Sandy clay & loam			455	.026			1.46	1.45	2.91	3.7
3320	Common earth			415	.029			1.60	1.59	3.19	4.1
3340	Clay .		1	370	.032			1.80	1.78	3.58	4.6
4000	200 HP, 50' haul, sand & gravel		B-10B	2500	.005			.27	.54	.81	.9
4010	Sandy clay & loam			2435	.005			.27	.55	.82	1.0
4020	Common earth			2200	.005			.30	.61	.91	1.1
4040	Clay			1950	.006			.34	.69	1.03	1.2
4400	300' haul, sand & gravel			805	.015			.83	1.68	2.51	3.0
4410	Sandy clay & loam			790	.015			.84	1.71	2.55	3.13
4420	Common earth			735	.016			.91	1.83	2.74	3.3
4440	Clay		W	660	.018			1.01	2.04	3.05	3.7

31 23 Excavation and Fill