

		SWALE #																								TOTAL SF								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24									
		TOTAL SWALE AREA (SF)																								12699								
ROCK TYPE	% TOTAL OF SWALE AREA	DESCRIPTION	SIZE (FOOT DIMENSION)	1CY=1.4 TONS CONVERSION FACTOR	QTY OF EACH TYPE ROCK PER SWALE IN TONS																								TOTAL TONS PER ROCK TYPE	TOTAL ROCK TYPES ALL SWALES				
W 1, 2, 3	15%	NATIVE ROCKFORD LIMESTONE ROCK	2	0.21	18.04	15.31	11.82	14.00	12.69	27.38	28.62	24.89	20.66	15.06	20.04	28.50	25.51	9.46	21.96	28.06	10.64	14.06	16.80	19.48	41.19	131.29	86.80	147.90	790.16	790.16				
		PLACE ONE LAYER OF 2" ROCK PER AREA			9.02	7.65	5.91	7.00	6.35	13.69	14.31	12.44	10.33	7.53	10.02	14.25	12.76	4.73	10.98	14.03	5.32	7.03	8.40	9.74	20.60	65.64	43.40	75.95			395.08			
		NOTE TONNAGE CALCULATION IS BASED UPON 2ft x 2ft. x 2ft. STONE DIMENSION.			4.51	3.83	2.96	3.50	3.17	6.84	7.16	6.22	5.16	3.76	5.01	7.12	6.38	2.36	5.49	7.02	2.66	3.52	4.20	4.87	10.30	32.82	21.70	36.98				197.54		
X	35%	NATIVE ROCKFORD LIMESTONE ROCK	1	0.05	5.26	4.46	3.45	4.08	3.70	7.99	8.35	7.26	6.03	4.39	5.84	8.31	7.44	2.76	6.41	8.18	3.10	4.10	4.90	5.68	12.01	38.29	25.32	43.14	230.46	230.46				
		PLACE ONE LAYER OF 1" ROCK PER AREA																																
		NOTE TONNAGE CALCULATION IS BASED UPON 1ft x 1ft. x 1ft. STONE DIMENSION.																																
Y	20%	NATIVE ROCKFORD LIMESTONE ROCK	0.5	0.03	0.75	0.64	0.49	0.58	0.53	1.14	1.19	1.04	0.86	0.63	0.83	1.19	1.06	0.39	0.92	1.17	0.44	0.59	0.70	0.81	1.72	5.47	3.62	6.16	32.92	32.92				
		PLACE TWO LAYERS OF 6" ROCK PER AREA																																
		NOTE TONNAGE CALCULATION IS BASED UPON .5ft x .5ft. STONE DIMENSION.																																
Z	15%	NATIVE ROCKFORD LIMESTONE GRAVEL MULCH	0.25	1.4	0.56	0.48	0.37	0.44	0.40	0.86	0.89	0.78	0.65	0.47	0.63	0.89	0.80	0.30	0.69	0.88	0.33	0.44	0.53	0.61	1.29	4.10	2.71	4.62	24.69	24.69				
		PLACE 3" DEPTH LAYER OF CA7 STONE MULCH IN BETWEEN X,Y,Z, STONE TYPES.																																
		15% COVERAGE AMOUNT IS ESTIMATED AS NEEDED TO PLACE BETWEEN W,X,Y ROCK TYPES																																
TOTAL TONS PER SWALE:					42.67	36.19	27.95	33.10	30.01	64.74	67.68	58.85	48.85	35.61	47.38	67.39	60.32	22.36	51.94	66.36	25.16	33.25	39.73	46.05	97.40	310.44	205.25	349.73	1868.40	1868.40				

1
L-7 PLANTING TYPE 2 BOULDER AND ROCK SCHEDULE
NTS

		SWALE #																								TOTAL SF			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				
		TOTAL SWALE AREA (SF)																								12699			
SEDGE GROUP	% OF TOTAL SWALE AREA	SPECIES	RATE	8" O.C. SPACING = 2.6 PLUGS/SF	QTY OF EACH TYPE PLANT PER PLANTING GROUP																								TOTALS:
A	7%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	5	4	3	4	4	8	8	7	6	4	6	8	7	3	6	8	3	4	5	6	12	38	25	43	231
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	8	7	5	6	6	12	13	11	9	7	9	13	11	4	10	12	5	6	7	9	18	58	38	65	347
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	5	4	3	4	4	8	8	7	6	4	6	8	7	3	6	8	3	4	5	6	12	38	25	43	231
B	9%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	7	6	4	5	5	10	11	9	8	6	8	11	10	4	8	11	4	5	6	7	15	49	33	56	297
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	14	12	9	11	10	21	22	19	16	11	15	21	19	7	17	21	8	11	13	15	31	99	65	111	594
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	10	9	7	8	7	15	16	14	12	8	11	16	14	5	12	16	6	8	9	11	23	74	49	83	446
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	7	6	4	5	5	10	11	9	8	6	8	11	10	4	8	11	4	5	6	7	15	49	33	56	297
C	14%	CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	10%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
		CAREX BEBII (BEBB'S OVAL SEDGE)	20%	2.6	21	18	14	16	15	32	33	29	24	18	23	33	30	11	26	33	12	16	20	23	48	154	102	173	924
		CAREX COMOSA (LONG HAIR SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX HYSTRICINA (BOTTLE BRUSH SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX LACUSTRIS (LAKE BANK SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX PELLITA (WOOLY SEDGE)	15%	2.6	16	13	10	12	11	24	25	22	18	13	18	25	22	8	19	25	9	12	15	17	36	115	76	130	693
		CAREX STRICTA (TUSSOCK SEDGE)	10%	2.6	11	9	7	8	7	16	17	15	12	9	12	17	15	6	13	16	6	8	10	11	24	77	51	87	462
TOTAL PLUGS PER SWALE:					226	192	148	176	159	343	359	312	259	189	251	357	320	119	275	352	133	176	211	244	516	1646	1088	1854	9905

NOTE: QTY OF EACH TYPE PLANT IN PLUGS PER PLANTING GROUP = SF SWALE AREA x GROUP ABC% x RATE% x 2.6 PLANTS/SF

2
L-7 PLANTING TYPE 2 PERENNIAL PLANT SCHEDULE
NTS