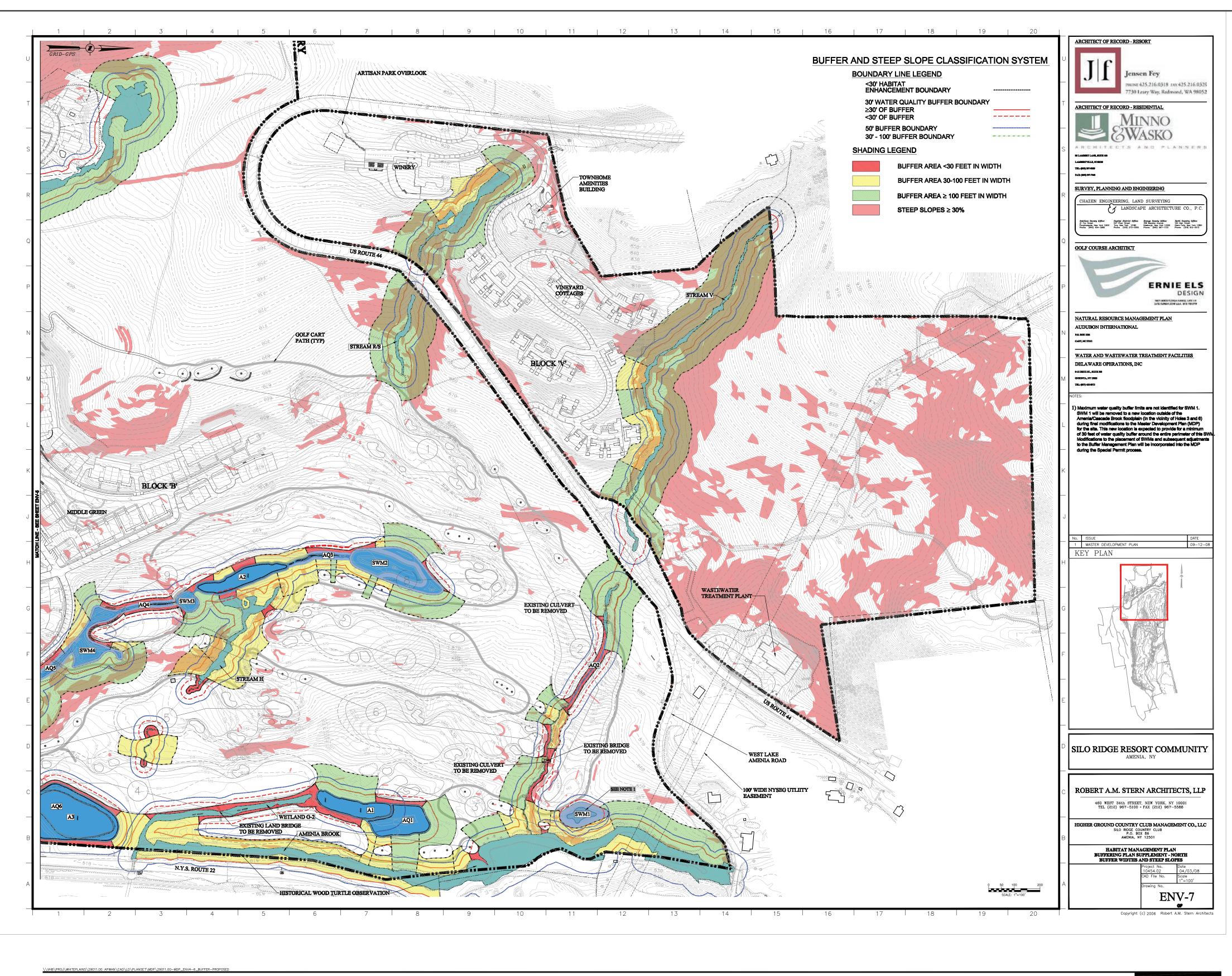
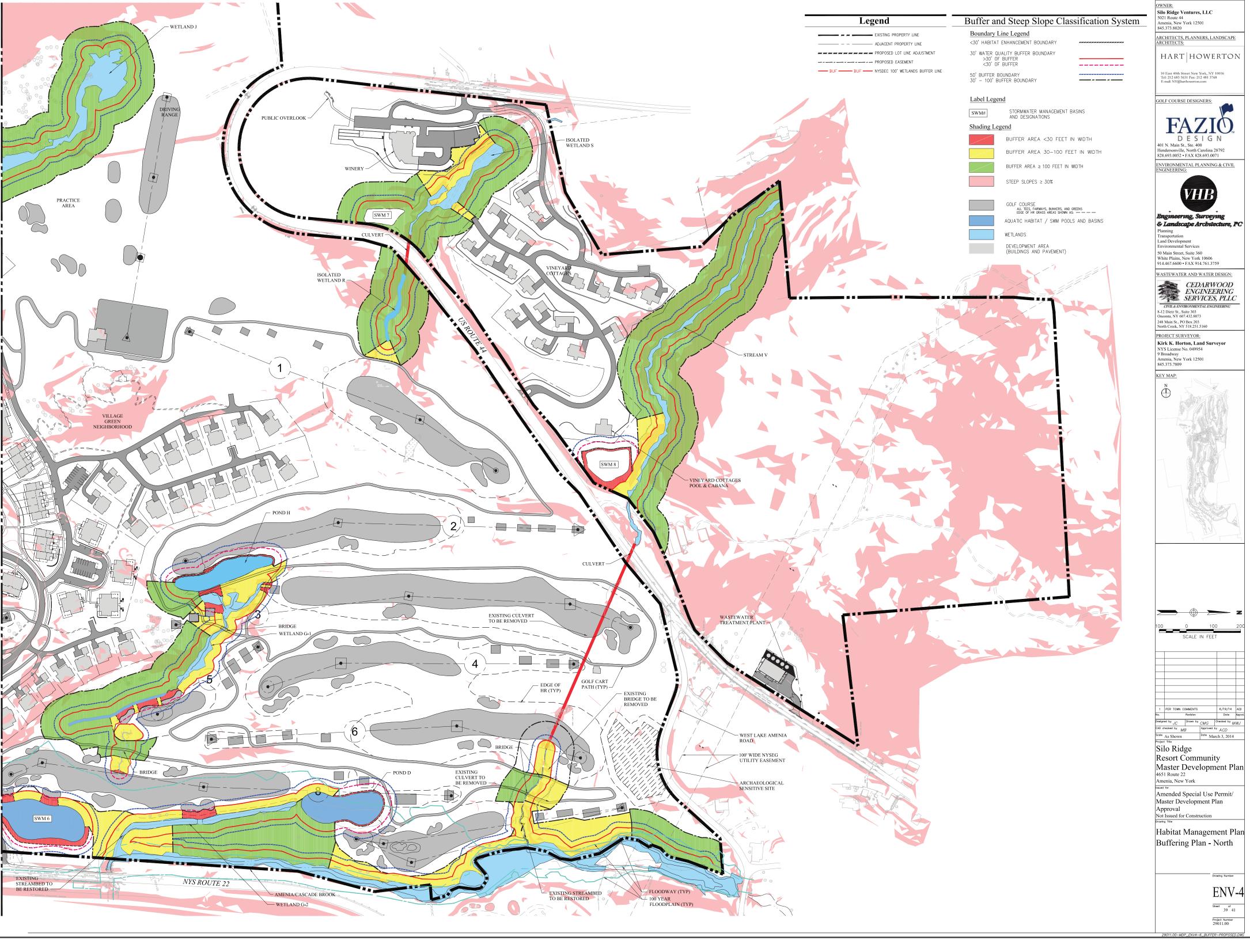
APPENDIX D: WATER RESOURCES

D.5 Buffer Management Comparison Plans





WATER QUALITY BUFFER (30 FEET IN WIDTH) COVERAGE COMPARISON TABLES FOR EXISTING SENSITIVE HABITATS

EXISTING NATURAL HABITATS -

Water Quality Buffer (30 feet in width) Coverage **Natural Sensitive Habitats**

			EXISITNG		APPROVED 2009 MDP			
Location (Map #)	Habitat Unit	Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)		Aquatic Edge (Linear ft.) ¹	•	natic Edge with ≥ 30 ft. Buffer (Linear Feet)	
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered	Approved 2009 Linear Feet	Approved 2009 Linear Feet	% Buffered	
ENV-4	Isolated Wetland S	1368	1368	100%	1368	1368	100%	
ENV-4	Stream V	2903	2903	100%	2903	2903	100%	
ENV-4	Amenia Brook ⁴	7078	3226	46%	7078	5961	84%	
ENV-5	Wetland J	6727	6081	90%	6727	6433	96%	
ENV-5	Stream L	1233	509	41%	1233	1088	88%	
ENV-6	Wetland P	403	403	100%	403	403	100%	
ENV-6	Wetland AM-15	7850	7222	92%	7850	7850	100%	
N/A	Wetland U	2257	2257	100%	2257	2257	100%	
N/A	Wetland X	428	428	100%	428	428	100%	
N/A	Wetland W	3317	3317	100%	3317	3317	100%	
Totals		33,564	27,714	83%	33,564	32,008	95%	

PROPOSED 2014 MDP					
Aquatic Edge (Linear ft.)¹	Aquatic Edge wi (Linea	th ≥ 30 ft. Buffer r Feet)			
Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffered			
1368	1368	100%			
2903	2903	100%			
7078	6947	98%			
6727	6599	98%			
1233	1114	90%			
403	403	100%			
7850	7850	100%			
2257	2257	100%			
428	428	100%			
3317	3317	100%			
33,564	33,186	99%			

<u>NOTES</u>

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

4. Amenia Brook includes Wetland C-1, Wetland C-2, and Wetland C-3

CONSTRUCTED HABITATS -

Water Quality Ruffer (30 feet in width) Coverage

water Quanty Burier (30 feet in width)	Coverage
Constructed Habitats	

			EXISITNG			APPROVED 2009 MDP			PROPOSED 2014 MDP		
Location (Map #)	Habitat Unit	Aquatic Edge (Linear ft.) ¹	Aquatic Edge with (Linear 1		Aquatic Edge (Linear ft.)¹	Aquatic Edge wit (Linear		Aquatic Edge (Linear ft.) ¹	Aquatic Edge wit (Linear		
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered	Approved 2009 Linear Feet	Approved 2009 Linear Feet	% Buffered	Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffered	
ENV-4	Isolated Stream R	712	712	100%	712	712	100%	712	572	80%	
ENV-4	Pond D	696	696	0%	1031	616	60%	740	290	39%	
ENV-4	Pond H	817	0	0%	817	545	67%	807	175	22%	
ENV-4	Stream E-1	472	253	54%	472	394	83%	0	0	0%	
ENV-4	Stream E-2	1206	0	0%	1806	873	48%	808	808	100%	
ENV-4	Isolated Wetland I	242	242	100%	242	0	0%	0	0	0%	
ENV-4	SWM 1 - Approved 2009	0	0	0%	463	463	100%	0	0	0%	
ENV-4	SWM 2 - Approved 2009	0	0	0%	881	440	50%	0	0	0%	
ENV-4	SWM 3 - Approved 2009	0	0	0%	277	153	55%	0	0	0%	
ENV-4	SWM 4 - Approved 2009	0	0	0%	1781	1067	60%	0	0	0%	
ENV-4	SWM 7 - Proposed 2014	0	0	0%	0	0	0%	362	362	100%	
ENV-4	SWM 8 - Proposed 2014	0	0	0%	0	0	0%	489	0	0%	
ENV-5	Wetland G-1	1604	1299	81%	1604	1192	74%	1604	1352	84%	
ENV-5	Wetland G-2	396	0	0%	396	221	56%	396	389	98%	
ENV-5	Pond B (SWM 6 - Proposed 2014)	796	0	0%	796	269	34%	927	342	37%	
ENV-5	Pond A (SWM 6 - Proposed 2014)	631	0	0%	631	592	94%	830	324	39%	
ENV-5	Pond J-1 (SWM 4 - Proposed 2014)	589	0	0%	589	156	26%	644	621	96%	
ENV-5	Pond Z ⁴ (SWM 3 - Proposed 2014)	3210	0	0%	3210	2002	62%	2278	1547	68%	
ENV-5	Pond K ⁴ (SWM 3 - Proposed 2014)	1716	990	58%	1716	1577	92%	1412	1109	79%	
ENV-5	Wetland O	1136	0	0%	1136	0	0%	0	0	0%	
ENV-5	Wetland OO	156	0	0%	156	0	0%	0	0	0%	
ENV-5	SWM 5 - Approved 2009	0	0	0%	375	291	78%	0	0	0%	
ENV-5	SWM 6 - Approved 2009	0	0	0%	602	602	100%	0	0	0%	
ENV-5	SWM 7 - Approved 2009	0	0	0%	840	789	94%	0	0	0%	
ENV-5	SWM 8 - Approved 2009	0	0	0%	690	690	100%	0	0	0%	
ENV-5	SWM 9 - Approved 2009	0	0	0%	660	660	100%	0	0	0%	
ENV-5	SWM 10 - Approved 2009	0	0	0%	801	801	100%	0	0	0%	
ENV-5	SWM 5 - Proposed 2014	0	0	0%	0	0	0%	844	844	100%	
ENV-5	Stream QQ	670	0	0%	670	393	59%	0	0	0%	
ENV-6	Stream N/P	341	0	0%	341	164	48%	525	525	100%	
ENV-6	Wetland N (SWM 2 - Proposed 2014)	390	0	0%	390	205	53%	613	326	53%	
ENV-6	SWM 11 - Approved 2009	0	0	0%	1405	1405	0%		0	0%	
ENV-6	SWM 1 - Proposed 2014	0	0	0%	0	0	0%	404	379	94%	
ENV-6	Water Feature - Proposed 2014	0	0	0%	0	0	0%	709	340	48%	
Totals	1	15,780	4,192	27%	25,490	17,272	68%	15,104	10,305	68%	
TES		-27.00		—· / •	,	- ·			,		

Totals

NOTES

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

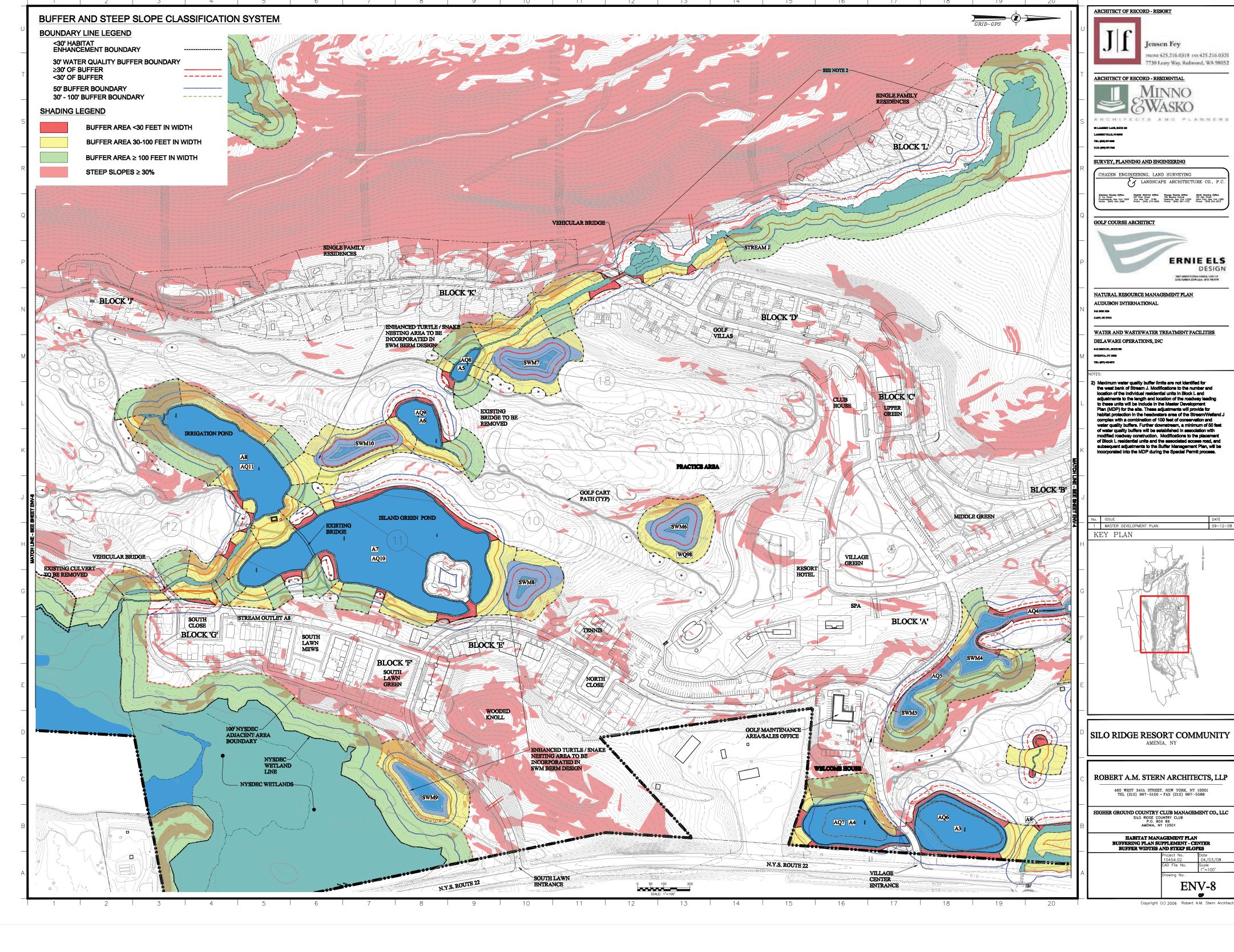
3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

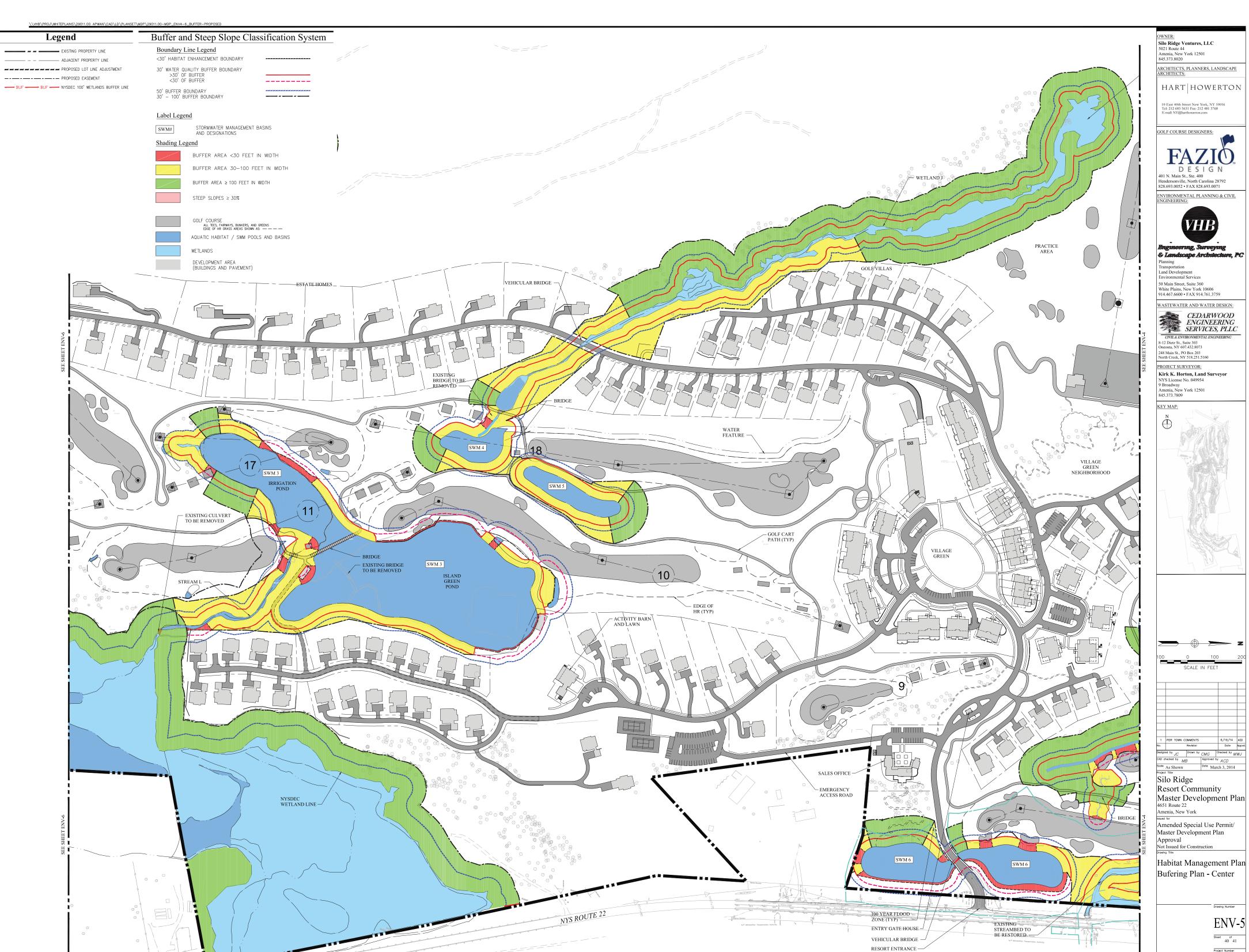
4. The reduction of the aquatic edges for Ponds K and Z is due to the removal of the green island at the northern edge for Pond Z, as well as the connection of Pond K with Pond Z.

TITLE:
BUFFER PLAN COMPARISON -
NORTH

DATE: AUGUST 20TH, 2014

DRAWING #: BC-1





WATER QUALITY BUFFER (30 FEET IN WIDTH) COVERAGE COMPARISON TABLES FOR EXISTING SENSITIVE HABITATS

EXISTING NATURAL HABITATS -

Water Quality Buffer (30 feet in width) Coverage **Natural Sensitive Habitats**

			EXISITNG			APPROVED 2009 MDP			
Location (Map #)	Habitat Unit	Aquatic Edge (Linear ft.) ¹			Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)			
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered	Approved 2009 Linear Feet	Approved 2009 Linear Feet	% Buffered		
ENV-4	Isolated Wetland S	1368	1368	100%	1368	1368	100%		
ENV-4	Stream V	2903	2903	100%	2903	2903	100%		
ENV-4	Amenia Brook ⁴	7078	3226	46%	7078	5961	84%		
ENV-5	Wetland J	6727	6081	90%	6727	6433	96%		
ENV-5	Stream L	1233	509	41%	1233	1088	88%		
ENV-6	Wetland P	403	403	100%	403	403	100%		
ENV-6	Wetland AM-15	7850	7222	92%	7850	7850	100%		
N/A	Wetland U	2257	2257	100%	2257	2257	100%		
N/A	Wetland X	428	428	100%	428	428	100%		
N/A	Wetland W	3317	3317	100%	3317	3317	100%		
Totals	•	33,564	27,714	83%	33,564	32,008	95%		

PF	PROPOSED 2014 MDP				
Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)				
Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffered			
1368	1368	100%			
2903	2903	100%			
7078	6947	98%			
6727	6599	98%			
1233	1114	90%			
403	403	100%			
7850	7850	100%			
2257	2257	100%			
428	428	100%			
3317	3317	100%			
33,564	33,186	99%			

<u>NOTES</u>

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

4. Amenia Brook includes Wetland C-1, Wetland C-2, and Wetland C-3

CONSTRUCTED HABITATS -

Water Quality Buffer (30 feet in width) Coverage **Constructed Habitats**

		EXISITNG				
Location (Map #)	Habitat Unit	Aquatic Edge (Linear ft.)¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)			
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered		
ENV-4	Isolated Stream R	712	712	100%		
ENV-4	Pond D	696	696	0%		
ENV-4	Pond H	817	0	0%		
ENV-4	Stream E-1	472	253	54%		
ENV-4	Stream E-2	1206	0	0%		
ENV-4	Isolated Wetland I	242	242	100%		
ENV-4	SWM 1 - Approved 2009	0	0	0%		
ENV-4	SWM 2 - Approved 2009	0	0	0%		
ENV-4	SWM 3 - Approved 2009	0	0	0%		
ENV-4	SWM 4 - Approved 2009	0	0	0%		
ENV-4	SWM 7 - Proposed 2014	0	0	0%		
ENV-4	SWM 8 - Proposed 2014	0	0	0%		
ENV-5	Wetland G-1	1604	1299	81%		
ENV-5	Wetland G-2	396	0	0%		
ENV-5	Pond B (SWM 6 - Proposed 2014)	796	0	0%		
ENV-5	Pond A (SWM 6 - Proposed 2014)	631	0	0%		
ENV-5	Pond J-1 (SWM 4 - Proposed 2014)	589	0	0%		
ENV-5	Pond Z ⁴ (SWM 3 - Proposed 2014)	3210	0	0%		
ENV-5	Pond K ⁴ (SWM 3 - Proposed 2014)	1716	990	58%		
ENV-5	Wetland O	1136	0	0%		
ENV-5	Wetland OO	156	0	0%		
ENV-5	SWM 5 - Approved 2009	0	0	0%		
ENV-5	SWM 6 - Approved 2009	0	0	0%		
ENV-5	SWM 7 - Approved 2009	0	0	0%		
ENV-5	SWM 8 - Approved 2009	0	0	0%		
ENV-5	SWM 9 - Approved 2009	0	0	0%		
ENV-5	SWM 10 - Approved 2009	0	0	0%		
ENV-5	SWM 5 - Proposed 2014	0	0	0%		
ENV-5	Stream QQ	670	0	0%		
ENV-6	Stream N/P	341	0	0%		
ENV-6	Wetland N (SWM 2 - Proposed 2014)	390	0	0%		
ENV-6	SWM 11 - Approved 2009	0	0	0%		
ENV-6	SWM 1 - Proposed 2014	0	0	0%		
ENV-6	Water Feature - Proposed 2014	0	0	0%		
Totals		15,780	4,192	27%		

APPROVED 2009 MDP				PROPOSED 2014 MD		
Aquatic Edge (Linear ft.) ¹			Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)		
Approved 2009 Linear Feet	Approved 2009 Linear Feet	% Buffered	Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffe	
712	712	100%	712	572	80%	
1031	616	60%	740	290	39%	
817	545	67%	807	175	22%	
472	394	83%	0	0	0%	
1806	873	48%	808	808	100%	
242	0	0%	0	0	0%	
463	463	100%	0	0	0%	
881	440	50%	0	0	0%	
277	153	55%	0	0	0%	
1781	1067	60%	0	0	0%	
0	0	0%	362	362	100%	
0	0	0%	489	0	0%	
1604	1192	74%	1604	1352	84%	
396	221	56%	396	389	98%	
796	269	34%	927	342	37%	
631	592	94%	830	324	39%	
589	156	26%	644	621	96%	
3210	2002	62%	2278	1547	68%	
1716	1577	92%	1412	1109	79%	
1136	0	0%	0	0	0%	
156	0	0%	0	0	0%	
375	291	78%	0	0	0%	
602	602	100%	0	0	0%	
840	789	94%	0	0	0%	
690	690	100%	0	0	0%	
660	660	100%	0	0	0%	
801	801	100%	0	0	0%	
0	0	0%	844	844	100%	
670	393	59%	0	0	0%	
341	164	48%	525	525	100%	
390	205	53%	613	326	53%	
1405	1405	0%		0	0%	
0	0	0%	404	379	94%	
0	0	0%	709	340	48%	
25,490	17,272	68%	15,104	10,305	68%	

<u>NOTES</u>

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

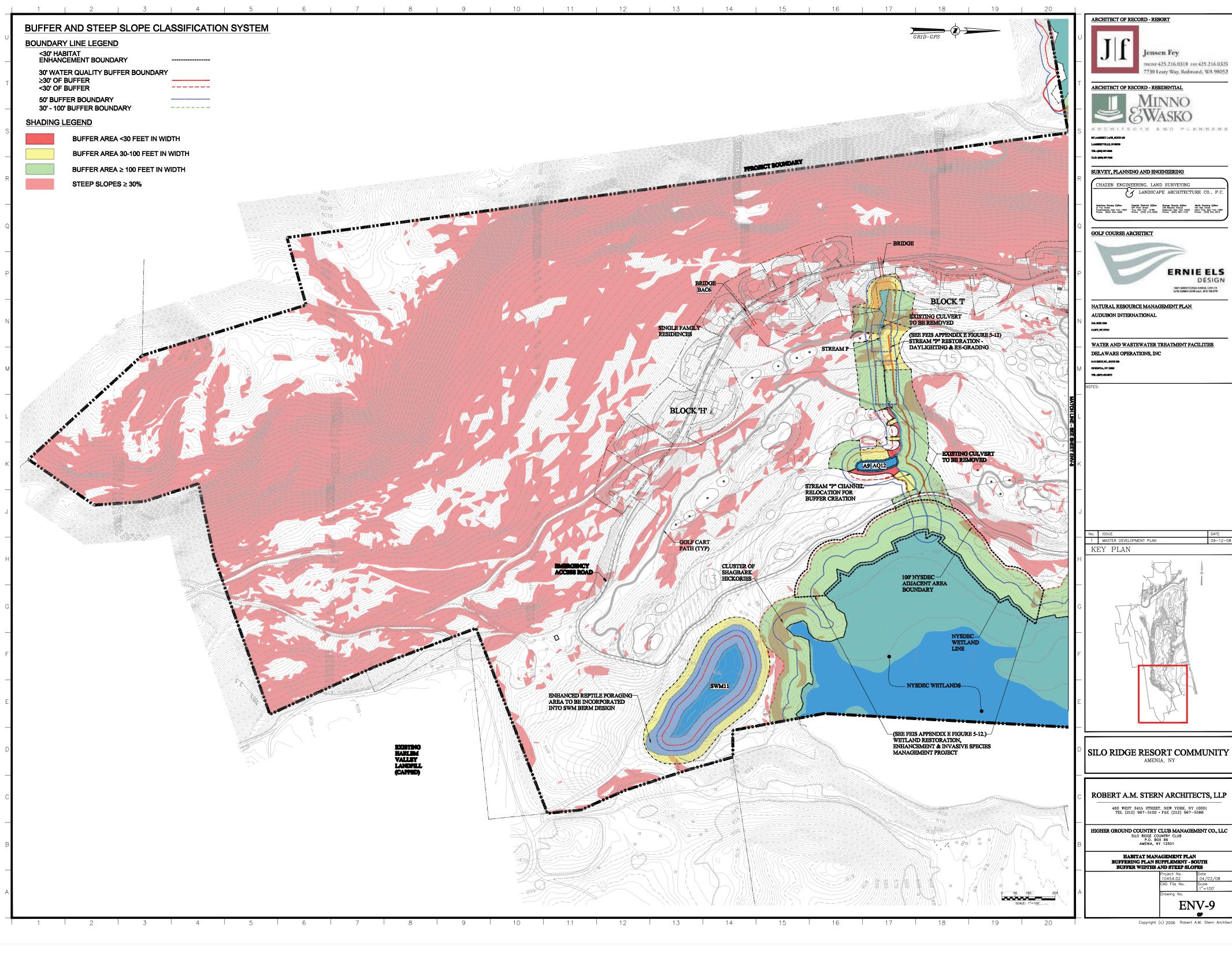
3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

4. The reduction of the aquatic edges for Ponds K and Z is due to the removal of the green island at the northern edge for Pond Z, as well as the connection of Pond K with Pond Z.

TITLE: BUFFER PLAN COMPARISON -CENTER

DATE: AUGUST 20TH, 2014

DRAWING #: BC-2





WATER QUALITY BUFFER (30 FEET IN WIDTH) COVERAGE COMPARISON TABLES FOR EXISTING SENSITIVE HABITATS

EXISTING NATURAL HABITATS -

Water Quality Buffer (30 feet in width) Coverage **Natural Sensitive Habitats**

			EXISITNG			APPROVED 2009 MDP			
Location (Map #)	Habitat Unit	Aquatic Edge (Linear ft.) ¹			Aquatic Edge (Linear ft.) ¹	•	th ≥ 30 ft. Buffer r Feet)		
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered	Approved 200 Linear Feet	^ ^	% Buffered		
ENV-4	Isolated Wetland S	1368	1368	100%	1368	1368	100%		
ENV-4	Stream V	2903	2903	100%	2903	2903	100%		
ENV-4	Amenia Brook ⁴	7078	3226	46%	7078	5961	84%		
ENV-5	Wetland J	6727	6081	90%	6727	6433	96%		
ENV-5	Stream L	1233	509	41%	1233	1088	88%		
ENV-6	Wetland P	403	403	100%	403	403	100%		
ENV-6	Wetland AM-15	7850	7222	92%	7850	7850	100%		
N/A	Wetland U	2257	2257	100%	2257	2257	100%		
N/A	Wetland X	428	428	100%	428	428	100%		
N/A	Wetland W	3317	3317	100%	3317	3317	100%		
Totals		33,564	27,714	83%	33,564	32,008	95%		

	PROPOSED 2014 MDP					
	Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)				
	Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffered			
	1368	1368	100%			
	2903	2903	100%			
	7078	6947	98%			
	6727	6599	98%			
	1233	1114	90%			
	403	403	100%			
	7850	7850	100%			
	2257	2257	100%			
	428	428	100%			
	3317	3317	100%			
	33,564	33,186	99%			

<u>NOTES</u>

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

4. Amenia Brook includes Wetland C-1, Wetland C-2, and Wetland C-3

CONSTRUCTED HABITATS -

Water Quality Buffer ((30 feet in width) Coverag
Constructed Habitats	

		EXISITNG			APPROVED 2009 MDP			PROPOSED 2014 MDP		
Location (Map #)	Habitat Unit	Aquatic Edge Aquatic Edge with ≥ 30 ft. Buffer (Linear ft.)¹ (Linear Feet)			Aquatic Edge (Linear ft.)¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)		Aquatic Edge (Linear ft.) ¹	Aquatic Edge with ≥ 30 ft. Buffer (Linear Feet)	
		Existing Linear Feet	Exisitng Buffered Linear Feet	% Buffered	Approved 2009 Linear Feet	Approved 2009 Linear Feet	% Buffered	Proposed 2014 Linear Feet	Proposed Buffered Linear Feet	% Buffered
ENV-4	Isolated Stream R	712	712	100%	712	712	100%	712	572	80%
ENV-4	Pond D	696	696	0%	1031	616	60%	740	290	39%
ENV-4	Pond H	817	0	0%	817	545	67%	807	175	22%
ENV-4	Stream E-1	472	253	54%	472	394	83%	0	0	0%
ENV-4	Stream E-2	1206	0	0%	1806	873	48%	808	808	100%
ENV-4	Isolated Wetland I	242	242	100%	242	0	0%	0	0	0%
ENV-4	SWM 1 - Approved 2009	0	0	0%	463	463	100%	0	0	0%
ENV-4	SWM 2 - Approved 2009	0	0	0%	881	440	50%	0	0	0%
ENV-4	SWM 3 - Approved 2009	0	0	0%	277	153	55%	0	0	0%
ENV-4	SWM 4 - Approved 2009	0	0	0%	1781	1067	60%	0	0	0%
ENV-4	SWM 7 - Proposed 2014	0	0	0%	0	0	0%	362	362	100%
ENV-4	SWM 8 - Proposed 2014	0	0	0%	0	0	0%	489	0	0%
ENV-5	Wetland G-1	1604	1299	81%	1604	1192	74%	1604	1352	84%
ENV-5	Wetland G-2	396	0	0%	396	221	56%	396	389	98%
ENV-5	Pond B (SWM 6 - Proposed 2014)	796	0	0%	796	269	34%	927	342	37%
ENV-5	Pond A (SWM 6 - Proposed 2014)	631	0	0%	631	592	94%	830	324	39%
ENV-5	Pond J-1 (SWM 4 - Proposed 2014)	589	0	0%	589	156	26%	644	621	96%
ENV-5	Pond Z ⁴ (SWM 3 - Proposed 2014)	3210	0	0%	3210	2002	62%	2278	1547	68%
ENV-5	Pond K ⁴ (SWM 3 - Proposed 2014)	1716	990	58%	1716	1577	92%	1412	1109	79%
ENV-5	Wetland O	1136	0	0%	1136	0	0%	0	0	0%
ENV-5	Wetland OO	156	0	0%	156	0	0%	0	0	0%
ENV-5	SWM 5 - Approved 2009	0	0	0%	375	291	78%	0	0	0%
ENV-5	SWM 6 - Approved 2009	0	0	0%	602	602	100%	0	0	0%
ENV-5	SWM 7 - Approved 2009	0	0	0%	840	789	94%	0	0	0%
ENV-5	SWM 8 - Approved 2009	0	0	0%	690	690	100%	0	0	0%
ENV-5	SWM 9 - Approved 2009	0	0	0%	660	660	100%	0	0	0%
ENV-5	SWM 10 - Approved 2009	0	0	0%	801	801	100%	0	0	0%
ENV-5	SWM 5 - Proposed 2014	0	0	0%	0	0	0%	844	844	100%
ENV-5	Stream QQ	670	0	0%	670	393	59%	0	0	0%
ENV-6	Stream N/P	341	0	0%	341	164	48%	525	525	100%
ENV-6	Wetland N (SWM 2 - Proposed 2014)	390	0	0%	390	205	53%	613	326	53%
ENV-6	SWM 11 - Approved 2009	0	0	0%	1405	1405	0%		0	0%
ENV-6	SWM 1 - Proposed 2014	0	0	0%	0	0	0%	404	379	94%
ENV-6	Water Feature - Proposed 2014	0	0	0%	0	0	0%	709	340	48%
Totals		15,780	4,192	27%	25,490	17,272	68%	15,104	10,305	68%

<u>NOTES</u>

1. Linear aquatic edge for ponds/SWM is measured by the shoreline distance of waterbody. Linear edge habitat for wetlands is determined using the delineated line distance of the wetland. Stream linear edge habitat is calculated according to the linear distance along the top of each bank (2banks) of stream bed. Current and (Proposed) edge habitat distances vary in some instances due to expansion of existing ponds or day-lighting of stream channels for the redesigned golf course (see Figures ENV-4,5,6 for additional detail).

2. The current buffered area represents site conditions and on-site vegetative buffers, in excess of 30 feet in width, presently adjacent to sensitive habitats at the Silo Ridge Site as of August 2008.

3. The proposed buffered area represents all conservation and water quality buffers identified in the Habitat Management Plan in excess of 30 foot in width. When appropriate, percent buffered calculations include the expanded habitat distances identified for total aquatic edge.

4. The reduction of the aquatic edges for Ponds K and Z is due to the removal of the green island at the northern edge for Pond Z, as well as the connection of Pond K with Pond Z.

TITLE:
BUFFER PLAN COMPARISON -
SOUTH

DATE: AUGUST 20TH, 2014

DRAWING #: BC-3