c. **Responses to 2.h.** We asked for engineering designs or calculations used for air flow rates or volumes. The responsive document DOC # 0009 does not include engineering designs or calculations use for air flow rates or volumes. –

- Chore-time Fans are used in all of our houses. The below sheet has a column that indicates which fan is installed in the house, CTB -48, CTB -52, or CTB-54.
- Please see DOC # 0100 and DOC # 0101, as these will give you the manufacturers engineering designs for air flow rates or volumes, this is what we use as our design and calculation specification, this is a standard within the industry.

LOCATION	W"	D"	HENS PER CAGE	ADJ. HENS PER CAGE	SPACE PER HEN	Date Construction Began	Building Dimensions	Sq Feet	# Fans	Per Fan CFM	Fan Manufacturer	Birds FIRST Installed	MAX. HENS PER HOUSE
rlington South													
House 1	24	20.00	7.16	N/A	67	Feb-98	640' x 60'	38,400	30	23,000	CTB - 48"	Aug-98	107,463
House 2	24	20.00	7.16	N/A	67	Jun-98	640' x 60'	38,400	30	23,000	CTB - 48"	Oct-98	107,463
House 3	24	20.00	7.16	N/A	67	Oct-98	640' x 60'	38,400	30	23,000	CTB - 48"	Feb-99	107,463
House 4	24	20.00	7.16	N/A	67	Feb-99	640' x 60'	38,400	30	23,000	CTB - 48"	Jun-99	107,463
House 5	24	20.00	7.16	N/A	67	Jun-99	640' x 60'	38,400	30	23,000	CTB - 48"	Oct-99	107,463
House 6	24	20.00	7.16	N/A	67	Oct-99	640' x 60'	38,400	30	23,000	CTB - 48"	Feb-00	107,463
House 7	24	20.00	7.16	N/A	67	Feb-00	640' x 60'	38,400	30	23,000	CTB - 48"	Jun-00	107,463
House 8	24	22.00	7.8806	N/A	67.00	Feb-01	545' x 50'	27,250	12	23,000	CTB - 48"	Jun-01	118,997
House 9	24	22.00	7.8806	N/A	67.00	Jun-01	545' x 50'	27,250	12	23,000	CTB - 48"	Oct-01	118,997
House 10	24	22.00	7.8806	N/A	67.00	Oct-01	545' x 50'	27,250	34	23,000	CTB - 48"	Feb-02	118,997
House 11	24	25.34	9.08	9.00	67.57	Feb-07	540' x 60'	32,400	26	28,000	CTB - 52"	Jun-07	189,756
House 12	24	25.34	9.08	9.00	67.57	Apr-07	540' x 60'	32,400	26	28,000	CTB - 52"	Aug-07	189,756
													1,488,742
rlington North													
House 13	24	25.34	9.08	5.00	121.63	Feb-08	545' x 64'	34,880	26	28,000	CTB - 52"	Jul-08	105,420
House 14	24	25.34	9.08	5.00	121.63	Apr-08	545' x 64'	34,880	26	28,000	CTB - 52"	Sep-08	105,420
House15	24	25.34	9.08	9.00	67.57	Jun-08	545' x 64'	34,880	26	28,000	CTB - 52"	Nov-08	189,756
House 16	24	25.34	9.08	9.00	67.57	Aug-08	545' x 64'	34,880	26	28,000	CTB - 52"	Jan-09	189,756
House 17	24	25.34	9.08	9.00	67.57	Oct-08	545' x 64'	34,880	26	28,000	CTB - 52"	Mar-09	189,756
House 18	24	25.34	9.08	9.00	67.57	Feb-09	545' x 64'	34,880	26	28,000	CTB - 52"	May-09	189,756
House 19	24	25.34	9.08	9.00	67.57	Apr-09	545' x 64'	34,880	26	28,000	CTB - 52"	Jul-09	189,756
House 20	24	25.34	9.08	9.00	67.57	Jun-09	545' x 64'	34,880	26	28,000	CTB - 52"	Sep-09	189,756
House 21	47.5	25.00	10.24	16.00	74.22	Feb-10	545' x 64'	34,880	26	28,000	CTB - 52"	Jun-10	166,656
House 22	47.5	25.00	10.24	16.00	74.22	Apr-10	545' x 64'	34,880	26	28,000	CTB - 52"	Aug-10	166,656
House 23	47.5	25.00	10.24	16.00	74.22	Jun-10	545' x 64'	34,880	26	28,000	CTB - 52"	Oct-10	166,656
House 24	47.5	25.00	10.24	16.00	74.22	Aug-10	545' x 64'	34,880	26	28,000	CTB - 52"	Dec-10	166,656
House 25 - top	47	31.50	12.76	12.00	123.38	Apr-11	550' x 83'	45,650	36	28,000	CTB - 52"	Aug-11	98,304
ouse 25 bottom	95	31.50	25.80	24.00	124.69	Apr-11						Aug-11	49,152
House 26 - top	47	31.50	18.51	18.00	82.25	Jun-11	550' x 83'	45,650	36	28,000	CTB - 52"	Oct-11	147,456
ouse 26 bottom	95	31.50	37.41	37.00	80.88	Jun-11						Oct-11	75,776
Tonopah													
House 1	96	31.5	26.07	26.00	116.31	Apr-14	680' x 84'	57,120	48	30,000	CTB - 54"	Sep-14	319,488
House 2	96	31.5	26.07	26.00	116.31	Jun-14	680' x 84'	57,120	48	30,000	CTB - 54"	Nov-14	319,488
House 3	96	31.5	26.07	26.00	116.31	Aug-14	680' x 84'	57,120	48	30,000	CTB - 54"	Jan-15	319,488
House 4	96	31.5	26.07	26.00	116.31	Oct-14	680' x 84'	57,120	48	30,000	CTB - 54"	Mar-15	319,488
House 5	96	31.5	26.07	26.00	116.31	Dec-14	680' x 84'	57,120	48	30,000	CTB - 54"	May-15	319,488
House 6	96	31.5	26.07	26.00	120.96	Feb-15	680' x 84'	57,120	48	30,000	CTB - 54"	Jul-15	307,200
House 7	96	31.5	26.07	26.00	120.96	Apr-15	680' x 84'	57,120	48	30,000	CTB - 54"	Sep-15	307,200
House 8	96	31.5	26.07	26.00	116.31	Jun-15	680' x 84'	57,120	48	30,000	CTB - 54"	Nov-15	319,488
House 9	96	31.5	26.07	26.00	116.31	Aug-15	680' x 84'	57,120	48	30,000	CTB - 54"	Jan-16	319,488
													2,850,816