



A
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 697.3 SF



B
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 697.3 SF



M
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 697.3 SF



N
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 697.3 SF

EAST ELEVATION 1 - 10AM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

1



C
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF



D
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF



E
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF



CLUB
TOTAL GLAZING: 516.3 SF
SHADED GLAZING: 399.2 SF



J
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF



K
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF



L
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 110.0 SF

EAST ELEVATION 2 - 10AM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



F
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 204.1 SF



G
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 291.9 SF



H
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 291.9 SF



I
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 204.1 SF

EAST ELEVATION 3 - 10AM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - EAST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	697.3	697.3	110.0	110.0	110.0	204.1	291.9	291.9	204.1	110.0	110.0	110.0	697.3	697.3	399.2
Glazing Area @ 12PM	1,141.1	1,141.1	209.5	209.5	209.5	508.1	633.3	633.3	508.1	209.5	209.5	209.5	1,141.1	1,141.1	514.5
Glazing Area @ 3PM	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Average Glazing Area	1,004.2	1,004.2	192.1	192.1	192.1	427.4	541.0	541.0	427.4	192.1	192.1	192.1	1,004.2	1,004.2	476.7
Total Glazing Area	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Glazing Area %	85.5%	85.5%	74.8%	74.8%	74.8%	75.0%	77.5%	77.5%	75.0%	74.8%	74.8%	74.8%	85.5%	85.5%	92.3%
Weighted Average	81.6%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	



Architecture + Planning
217 N Jefferson Street,
Suite #400
Chicago, IL 60661
888.456.5849
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ATAVIA - ONE SCOTTSDALE
NORTH SCOTTSDALE, AZ # 2022-0690

DRB SUBMITTAL 3
JULY 26, 2024

SOLAR STUDY - EAST ELEVATION
SUMMER SOLSTICE - 10AM

A3.10



A
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1141.1 SF



B
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1141.1 SF



M
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1141.1 SF



N
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1141.1 SF

EAST ELEVATION 1 - 12PM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

1



C
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF



D
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF



E
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF



CLUB
TOTAL GLAZING: 516.3 SF
SHADED GLAZING: 514.5 SF



J
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF



K
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF



L
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 209.5 SF

EAST ELEVATION 2 - 12PM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



F
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 508.1 SF



G
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 633.3 SF



H
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 633.3 SF



I
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 508.1 SF

EAST ELEVATION 3 - 12PM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - EAST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	697.3	697.3	110.0	110.0	110.0	204.1	291.9	291.9	204.1	110.0	110.0	110.0	697.3	697.3	399.2
Glazing Area @ 12PM	1,141.1	1,141.1	209.5	209.5	209.5	508.1	633.3	633.3	508.1	209.5	209.5	209.5	1,141.1	1,141.1	514.5
Glazing Area @ 3PM	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Average Glazing Area	1,004.2	1,004.2	192.1	192.1	192.1	427.4	541.0	541.0	427.4	192.1	192.1	192.1	1,004.2	1,004.2	476.7
Total Glazing Area	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Glazing Area %	85.5%	85.5%	74.8%	74.8%	74.8%	75.0%	77.5%	77.5%	75.0%	74.8%	74.8%	74.8%	85.5%	85.5%	92.3%
Weighted Average	81.6%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	



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ATAVIA - ONE SCOTTSDALE
NORTH SCOTTSDALE, AZ # 2022-0690

DRB SUBMITTAL 3
JULY 26, 2024

SOLAR STUDY - EAST ELEVATION
SUMMER SOLSTICE - 12PM

A3.11



A
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF



B
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF



M
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF



N
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF

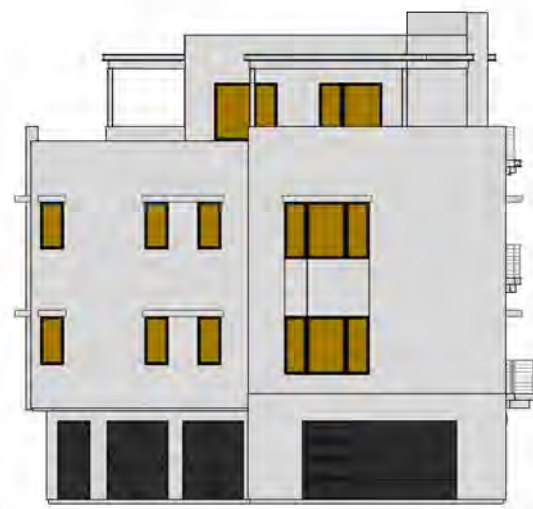
EAST ELEVATION 1 - 3PM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

1



C
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF



D
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF



E
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF



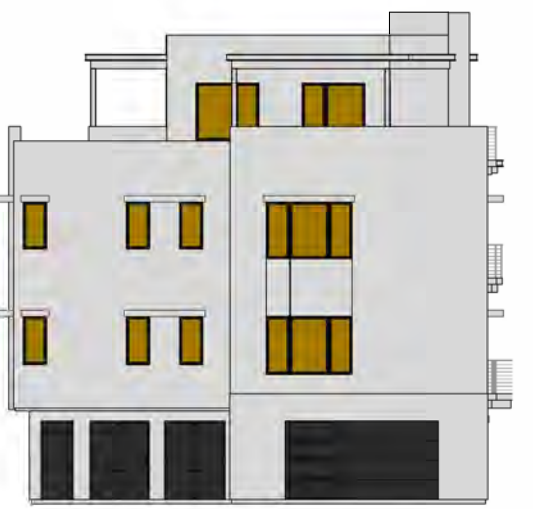
CLUB
TOTAL GLAZING: 516.3 SF
SHADED GLAZING: 516.3 SF



J
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF



K
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF



L
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 256.7 SF

EAST ELEVATION 2 - 3PM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



F
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



G
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 697.7 SF



H
TOTAL GLAZING: 697.7 SF
SHADED GLAZING: 697.7 SF



I
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF

EAST ELEVATION 3 - 3PM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - EAST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	697.3	697.3	110.0	110.0	110.0	204.1	291.9	291.9	204.1	110.0	110.0	110.0	697.3	697.3	399.2
Glazing Area @ 12PM	1,141.1	1,141.1	209.5	209.5	209.5	508.1	633.3	633.3	508.1	209.5	209.5	209.5	1,141.1	1,141.1	514.5
Glazing Area @ 3PM	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Average Glazing Area	1,004.2	1,004.2	192.1	192.1	192.1	427.4	541.0	541.0	427.4	192.1	192.1	192.1	1,004.2	1,004.2	476.7
Total Glazing Area	1,174.3	1,174.3	256.7	256.7	256.7	570.1	697.7	697.7	570.1	256.7	256.7	256.7	1,174.3	1,174.3	516.3
Glazing Area %	85.5%	85.5%	74.8%	74.8%	74.8%	75.0%	77.5%	77.5%	75.0%	74.8%	74.8%	74.8%	85.5%	85.5%	92.3%
Weighted Average	81.6%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	





D
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 554.9 SF



F
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



C
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1164.9 SF



A
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

SOUTH ELEVATION 2 - 10AM - BLDG D

SCALE:
1" = 20'-0"

2

SOUTH ELEVATION 1 - 10AM - BLDG A, C, F

SCALE:
1" = 20'-0"

1



CLUB
TOTAL GLAZING: 50.5 SF
SHADED GLAZING: 50.5 SF



G
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 243.4 SF



E
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1164.9 SF



B
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 243.4 SF

SOUTH ELEVATION 4 - 10AM - BLDG CLUB

SCALE:
1" = 20'-0"

4

SOUTH ELEVATION 3 - 10AM - BLDG B, E, G

SCALE:
1" = 20'-0"

3



K
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1164.9 SF



H
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 243.4 SF



J
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 554.9 SF



M
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

SOUTH ELEV. 6 - 10AM - BLDG K

SCALE:
1" = 20'-0"

6

SOUTH ELEVATION 5 - 10AM - BLDG H, J, M

SCALE:
1" = 20'-0"

5



SUMMER SOLSTICE - SOUTH ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	209.5	243.4	1,164.9	554.9	1,164.9	209.5	243.4	243.4	243.4	554.9	1,164.9	554.9	209.5	243.4	50.5
Glazing Area @ 12PM	172.1	170.3	1,072.5	450.8	1,072.5	172.1	170.3	170.3	170.3	450.8	1,072.5	450.8	172.1	170.3	44.0
Glazing Area @ 3PM	209.5	247.7	1,171.8	556.8	1,171.8	209.5	247.7	247.7	247.7	556.8	1,171.8	556.8	209.5	247.7	50.5
Average Glazing Area	197.0	220.5	1,136.4	520.8	1,136.4	197.0	220.5	220.5	220.5	520.8	1,136.4	520.8	197.0	220.5	48.3
Total Glazing Area	209.5	256.7	1,174.3	570.1	1,174.3	209.5	256.7	256.7	256.7	570.1	1,174.3	570.1	209.5	256.7	50.5
Glazing Area %	94.0%	85.9%	96.8%	91.4%	96.8%	94.0%	85.9%	85.9%	85.9%	91.4%	96.8%	91.4%	94.0%	85.9%	95.7%
Weighted Average	93.3%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	



I
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 243.4 SF



L
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 554.9 SF



N
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 243.4 SF

SOUTH ELEVATION 7 - 10AM - BLDG I, L, N

SCALE:
1" = 20'-0"

7



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Suite #400
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ATAVIA - ONE SCOTTSDALE
NORTH SCOTTSDALE, AZ # 2022-0690

DRB SUBMITTAL 3
JULY 26, 2024

SOLAR STUDY - SOUTH ELEVATION
SUMMER SOLSTICE - 10AM

A3.13



D
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 450.8 SF



F
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 172.1 SF



C
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1072.5 SF



A
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 172.1 SF

SOUTH ELEVATION 2 - 12PM - BLDG D

SCALE:
1" = 20'-0"

2

SOUTH ELEVATION 1 - 12PM - BLDG A, C, F

SCALE:
1" = 20'-0"

1



CLUB
TOTAL GLAZING: 50.5 SF
SHADED GLAZING: 44.0 SF



G
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 170.3 SF



E
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1072.5 SF



B
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 170.3 SF

SOUTH ELEVATION 4 - 12PM - BLDG CLUB

SCALE:
1" = 20'-0"

4

SOUTH ELEVATION 3 - 12PM - BLDG B, E, G

SCALE:
1" = 20'-0"

3



K
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1072.5 SF



H
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 170.3 SF



J
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 450.8 SF



M
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 172.1 SF

SOUTH ELEV. 6 - 12PM - BLDG K

SCALE:
1" = 20'-0"

6

SOUTH ELEVATION 5 - 12PM - BLDG H, J, M

SCALE:
1" = 20'-0"

5



SUMMER SOLSTICE - SOUTH ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	209.5	243.4	1,164.9	554.9	1,164.9	209.5	243.4	243.4	243.4	554.9	1,164.9	554.9	209.5	243.4	50.5
Glazing Area @ 12PM	172.1	170.3	1,072.5	450.8	1,072.5	172.1	170.3	170.3	170.3	450.8	1,072.5	450.8	172.1	170.3	44.0
Glazing Area @ 3PM	209.5	247.7	1,171.8	556.8	1,171.8	209.5	247.7	247.7	247.7	556.8	1,171.8	556.8	209.5	247.7	50.5
Average Glazing Area	197.0	220.5	1,136.4	520.8	1,136.4	197.0	220.5	220.5	220.5	520.8	1,136.4	520.8	197.0	220.5	48.3
Total Glazing Area	209.5	256.7	1,174.3	570.1	1,174.3	209.5	256.7	256.7	256.7	570.1	1,174.3	570.1	209.5	256.7	50.5
Glazing Area %	94.0%	85.9%	96.8%	91.4%	96.8%	94.0%	85.9%	85.9%	85.9%	91.4%	96.8%	91.4%	94.0%	85.9%	95.7%
Weighted Average	93.3%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	



I
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 170.3 SF



L
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 450.8 SF



N
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 170.3 SF

SOUTH ELEVATION 7 - 12PM - BLDG I, L, N

SCALE:
1" = 20'-0"

7



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NORTH SCOTTSDALE, AZ # 2022-0690

DRB SUBMITTAL 3
JULY 26, 2024

SOLAR STUDY - SOUTH ELEVATION
SUMMER SOLSTICE - 12PM

A3.14



D
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 556.8 SF



F
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



C
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1171.8 SF



A
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

SOUTH ELEVATION 2 - 3PM - BLDG D

SCALE:
1" = 20'-0"

2

SOUTH ELEVATION 1 - 3PM - BLDG A, C, F

SCALE:
1" = 20'-0"

1



CLUB
TOTAL GLAZING: 50.5 SF
SHADED GLAZING: 50.5 SF



G
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 247.7 SF



E
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1171.8 SF



B
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 247.7 SF

SOUTH ELEVATION 4 - 3PM - BLDG CLUB

SCALE:
1" = 20'-0"

4

SOUTH ELEVATION 3 - 3PM - BLDG B, E, G

SCALE:
1" = 20'-0"

3



K
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1171.8 SF



H
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 247.7 SF



J
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 556.8 SF



M
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

SOUTH ELEV. 6 - 3PM - BLDG K

SCALE:
1" = 20'-0"

6

SOUTH ELEVATION 5 - 3PM - BLDG H, J, M

SCALE:
1" = 20'-0"

5

SUMMER SOLSTICE - SOUTH ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	209.5	243.4	1,164.9	554.9	1,164.9	209.5	243.4	243.4	243.4	554.9	1,164.9	554.9	209.5	243.4	50.5
Glazing Area @ 12PM	172.1	170.3	1,072.5	450.8	1,072.5	172.1	170.3	170.3	170.3	450.8	1,072.5	450.8	172.1	170.3	44.0
Glazing Area @ 3PM	209.5	247.7	1,171.8	556.8	1,171.8	209.5	247.7	247.7	247.7	556.8	1,171.8	556.8	209.5	247.7	50.5
Average Glazing Area	197.0	220.5	1,136.4	520.8	1,136.4	197.0	220.5	220.5	220.5	520.8	1,136.4	520.8	197.0	220.5	48.3
Total Glazing Area	209.5	256.7	1,174.3	570.1	1,174.3	209.5	256.7	256.7	256.7	570.1	1,174.3	570.1	209.5	256.7	50.5
Glazing Area %	94.0%	85.9%	96.8%	91.4%	96.8%	94.0%	85.9%	85.9%	85.9%	91.4%	96.8%	91.4%	94.0%	85.9%	95.7%
Weighted Average	93.3%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	



I
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 247.7 SF



L
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 556.8 SF



N
TOTAL GLAZING: 256.7 SF
SHADED GLAZING: 247.7 SF

SOUTH ELEVATION 7 - 3PM - BLDG I, L, N

SCALE:
1" = 20'-0"

7



Architecture + Planning
217 N Jefferson Street,
Suite #400
Chicago, IL 60661
888.456.5849
ktgy.com



ATAVIA - ONE SCOTTSDALE
NORTH SCOTTSDALE, AZ # 2022-0690

DRB SUBMITTAL 3
JULY 26, 2024

SOLAR STUDY - SOUTH ELEVATION
SUMMER SOLSTICE - 3PM

A3.15



I
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF



H
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 1416.3 SF



G
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 1416.3 SF



F
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF

WEST ELEVATION 1 - 10AM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

1



L
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



K
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



J
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



CLUB
TOTAL GLAZING: 170.8 SF
SHADED GLAZING: 170.8 SF



E
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



D
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



C
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

WEST ELEVATION 2 - 10AM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



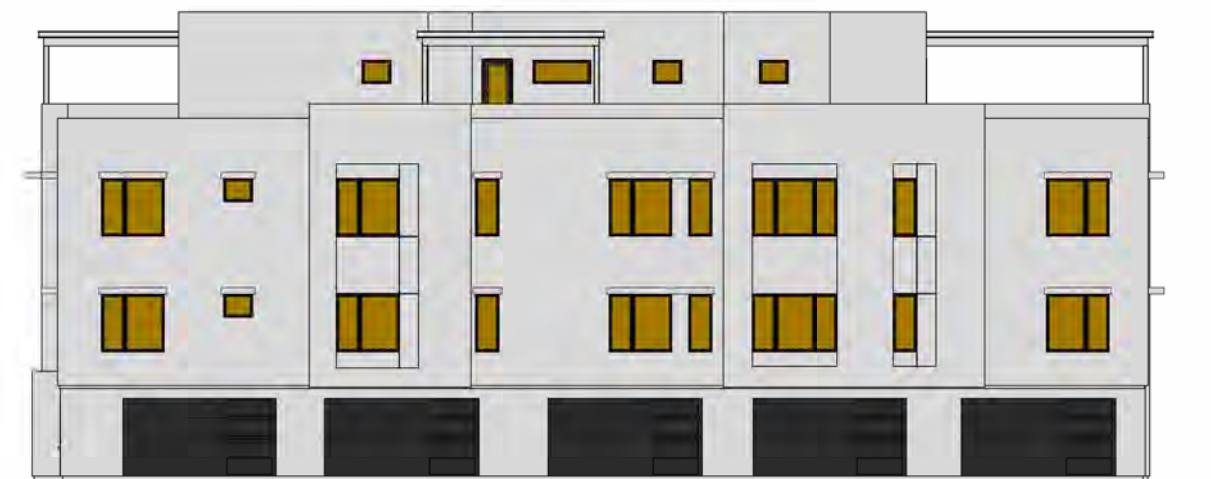
N
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



M
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



B
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



A
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF

WEST ELEVATION 3 - 10AM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - WEST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 12PM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 3PM	199.1	199.1	92.1	92.1	92.1	686.5	774.3	774.3	686.5	92.1	92.1	92.1	199.1	199.1	117.6
Average Glazing Area	446.4	446.4	170.4	170.4	170.4	1,011.7	1,202.3	1,202.3	1,011.7	170.4	170.4	170.4	446.4	446.4	153.1
Total Glazing Area	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area %	78.3%	78.3%	81.3%	81.3%	81.3%	86.2%	84.9%	84.9%	86.2%	81.3%	81.3%	81.3%	78.3%	78.3%	89.6%
Weighted Average	83.1%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	





I
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF



H
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 1416.3 SF



G
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 1416.3 SF



F
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 1174.3 SF

WEST ELEVATION 1 - 12PM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

1



L
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



K
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



J
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



CLUB
TOTAL GLAZING: 170.8 SF
SHADED GLAZING: 170.8 SF



E
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



D
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF



C
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 209.5 SF

WEST ELEVATION 2 - 12PM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



N
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



M
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



B
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF



A
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 570.1 SF

WEST ELEVATION 3 - 12PM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - WEST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 12PM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 3PM	199.1	199.1	92.1	92.1	92.1	686.5	774.3	774.3	686.5	92.1	92.1	92.1	199.1	199.1	117.6
Average Glazing Area	446.4	446.4	170.4	170.4	170.4	1,011.7	1,202.3	1,202.3	1,011.7	170.4	170.4	170.4	446.4	446.4	153.1
Total Glazing Area	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area %	78.3%	78.3%	81.3%	81.3%	81.3%	86.2%	84.9%	84.9%	86.2%	81.3%	81.3%	81.3%	78.3%	78.3%	89.6%
Weighted Average	83.1%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	





I
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 686.5 SF



H
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 774.3 SF



G
TOTAL GLAZING: 1416.3 SF
SHADED GLAZING: 774.3 SF



F
TOTAL GLAZING: 1174.3 SF
SHADED GLAZING: 686.5 SF

WEST ELEVATION 1 - 3PM - BLDG F, G, H, I

SCALE:
1" = 20'-0"

1



L
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF



K
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF



J
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF



CLUB
TOTAL GLAZING: 170.8 SF
SHADED GLAZING: 117.6 SF



E
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF



D
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF



C
TOTAL GLAZING: 209.5 SF
SHADED GLAZING: 92.1 SF

WEST ELEVATION 2 - 3PM - BLDG C, D, E, CLUB, J, K, L

SCALE:
1" = 20'-0"

2



N
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 199.1 SF



M
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 199.1 SF



B
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 199.1 SF



A
TOTAL GLAZING: 570.1 SF
SHADED GLAZING: 199.1 SF

WEST ELEVATION 3 - 3PM - BLDG A, B, M, N

SCALE:
1" = 20'-0"

3

SUMMER SOLSTICE - WEST ELEVATION SUN SHADING MATRIX (UNITS IN SQ. FT.)

	BLDG A (6-Plex)	BLDG B (6-Plex)	BLDG C (6-Plex)	BLDG D (6-Plex)	BLDG E (6-Plex)	BLDG F (6-Plex)	BLDG G (8-Plex)	BLDG H (8-Plex)	BLDG I (6-Plex)	BLDG J (6-Plex)	BLDG K (6-Plex)	BLDG L (6-Plex)	BLDG M (6-Plex)	BLDG N (6-Plex)	CLUB HOUSE
Glazing Area @ 10AM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 12PM	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area @ 3PM	199.1	199.1	92.1	92.1	92.1	686.5	774.3	774.3	686.5	92.1	92.1	92.1	199.1	199.1	117.6
Average Glazing Area	446.4	446.4	170.4	170.4	170.4	1,011.7	1,202.3	1,202.3	1,011.7	170.4	170.4	170.4	446.4	446.4	153.1
Total Glazing Area	570.1	570.1	209.5	209.5	209.5	1,174.3	1,416.3	1,416.3	1,174.3	209.5	209.5	209.5	570.1	570.1	170.8
Glazing Area %	78.3%	78.3%	81.3%	81.3%	81.3%	86.2%	84.9%	84.9%	86.2%	81.3%	81.3%	81.3%	78.3%	78.3%	89.6%
Weighted Average	83.1%														

Legend	
Front Elevation	
Back Elevation	
Side Elevation	
Side Elevation 2	
Shaded Glazing Area	

