



Ivy  
BASE

MIDWEST ZONE  
1900 E. GOLF RD. - SUITE 300 - SCHAUMBURG, IL 60173

ARCHITECT OF RECORD	MUNICIPALITY
STRUCT. ENGINEER	BUILDING CODE ANALYSIS
Mulhern & Kulp Engineers 300 Brookside Ave., Building 4, Suite 150 Ambler, PA 19002 215.646.8001 www.mulhernkulp.com	ZONING ORDINANCE: One & Two Family dwelling USE GROUP: Unprotected Frame CONSTRUCTION CLASS: HEIGHT & AREA: OTHER REQUIREMENTS:
MECH. ENGINEER	APPLICABLE CODES
	BUILDING CODE: FIRE CODE: ELECTRICAL CODE: ENERGY CODE: PLUMBING CODE: MECHANICAL CODE: MUNICIPAL CODE:

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CZ 0.20	Cover Sheet / General Notes / Abbreviations	A4 SR6L.1	Sunroom Option - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 0.50	Finished Basement Utility Plans / Options / All Walls	TR 6-2.1	Second Floor Plan / Trim Option Layouts / 2x6 Exterior Walls
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A2 S.1	Building Sections 1 & 2 / _ / Slab Foundation	<b>FLOORING DRAWINGS</b>					
A2 B.1	Building Sections 1 & 2 / _ / Basement Foundation	U0 B-1.10	Basement Utility Plan / _ / All Basement Walls	FL 0.1	Finished Basement Flooring Plan / _ / All Basement Walls		
A3 HR101 2FB.1	Heartland 101 / 2 Car Front Entry / Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule	U1 0.10	Finished Basement Utility Plans / _ / All Basement Walls	FL 0.2	Finished Basement Flooring Plan / Options / All Basement Walls		
A3 HR101 2FS.2	Heartland 101 / 2 Car Front Entry / Partial Slab Foundation Plan	U1 0.20	Finished Basement Utility Plans / Options / All Walls	FL 0.3	Finished Basement Flooring Plan / Options / All Basement Walls		
A3 HR101 2FB.2	Heartland 101 / 2 Car Front Entry / Partial Basement Foundation Plan	U1 0.21	Finished Basement Utility Plans / Options - Optional Lighting Package / All Walls	FL 0.4	Finished Basement Flooring Plan / Options / All Basement Walls		
A3 HR101 2FB.22	Heartland 101 / 2 Car Front Entry / Exterior Insulation Partial Basement Foundation Plan	U1 0.30	Finished Basement Utility Plans / Options / All Walls	FL 0.5	Finished Basement Flooring Plan / Options / All Basement Walls		
A3 HR101 2FB4.3	Heartland 101 / 2 Car Front Entry / Partial Floor Plans - 2x4 Exterior Walls	<b>TRIM OPTION LAYOUTS</b>					
A3 HR101 2FB6.3	Heartland 101 / 2 Car Front Entry / Partial Floor Plans - 2x6 Exterior Walls	TR 4-1.1	First Floor Plan / Trim Option Layouts / 2x4 Exterior Walls	FL 4-1.1	First Floor Flooring Plan / _ / 2x4 Exterior Walls		
****	All Elevation Follow The A3 Sheet Numbering Used For The Heartland 101 Elevations Above	TR 4-1.2	First Floor Plan / Trim Option Layouts / 2x4 Exterior Walls	FL 4-1.2	First Floor Flooring Plan / Options / 2x4 Exterior Walls		
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A4 D6.1	Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	TR 6-1.1	First Floor Plan / Trim Option Layouts / 2x6 Exterior Walls	FL 4-2.2	Second Floor Flooring Plan / Options / 2x4 Exterior Walls		
A4 W6.1	Walkout Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	TR 6-1.2	First Floor Plan / Trim Option Layouts / 2x6 Exterior Walls	FL 6-1.1	First Floor Flooring Plan / _ / 2x6 Exterior Walls		
A4 SR4S.1	Sunroom Option - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	<b>UTILITY DRAWINGS</b>					
A4 SR4L.1	Sunroom Option - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U0 B-1.10	Basement Utility Plan / _ / All Basement Walls	FL 6-1.2	First Floor Flooring Plan / Options / 2x6 Exterior Walls		
A4 SR4D.1	Sunroom Option - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.10	Finished Basement Utility Plans / _ / All Basement Walls	FL 6-1.3	First Floor Flooring Plan / Options / 2x6 Exterior Walls		
A4 SR4W.1	Sunroom Option - Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.20	Finished Basement Utility Plans / Options / All Walls	FL 6-1.3	First Floor Flooring Plan / Options / 2x6 Exterior Walls		

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North Area  
1900 E. Golf Road, - Suite 300  
Schaumburg, Illinois 60173



Cover Sheet  
Project Information/Sheet Index  
North Area

PRODUCTION MANAGER  
Rick Starkey  
INITIAL RELEASE DATE:  
03/15/2022  
CURRENT RELEASE DATE:  
06/30/2023

REV #	DATE / DESCRIPTION
04/14/2023	PLAN REVISION
06/30/2023	FIRST BUILD REDS
03/15/2024	PCR UPDATES

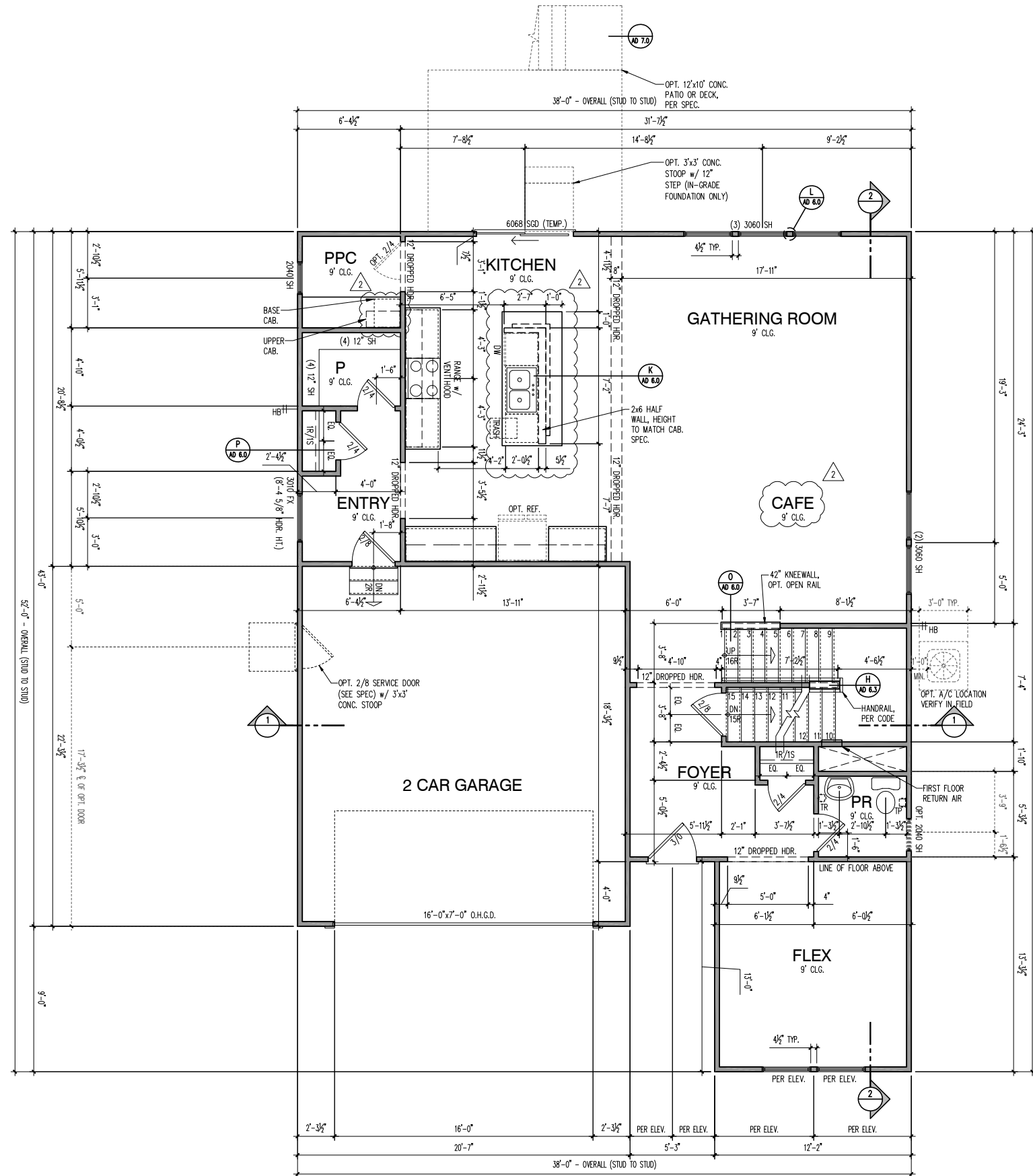
GARAGE HANDING  
GARAGE LEFT

PLAN NAME  
Ivy  
NPC PLAN NUMBER  
2992.302  
LAWSON PLAN ID

SHEET  
CZ  
0.10

PLOTTED: August 1, 2024 / Tiffany Yost / CZ 0.10.DWG

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS



**FIRST FLOOR PLAN - 2x4 EXTERIOR WALLS**

SCALE: 1/4" = 1'-0"

LIGHT & VENT SCHEDULE							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	---	---
FLEX	147.2	11.8	27.4	5.9	11.8	---	---
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	---	---
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	---	---
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	---	---
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	---	---
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	---	---
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	---	---
BATH 2	51.3	4.1	*	2.1	**	60.0	60
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	---	---
BATH 3 OPTION	43.3	3.5	*	1.7	**	50.7	60
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	---	---
SUNROOM	110.8	8.9	82.5	4.4	36.9	---	---
BEDROOM 7	140	11.2	12.2	5.6	6.7	---	---
BATH 7	42.50	3.4	*	1.7	**	49.7	60

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34" SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
1900 E. Golf Road, - Suite 300  
Schaumburg, Illinois 60173



**First Floor Plan**  
**2x4 Exterior Walls**

PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
06/31/2022  
CURRENT RELEASE DATE:  
06/30/2023

REVISION	DATE	DESCRIPTION
1	04/14/2023	PLAN REVISION
2	06/30/2023	FIRST BUILD REDS
3	03/15/2024	PCR UPDATES

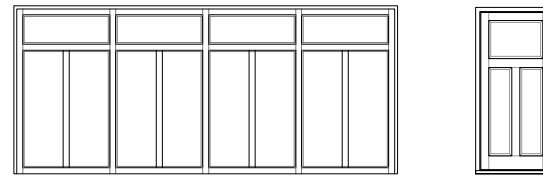
GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**LVY**  
NPC PLAN NUMBER  
**2992.302**  
LAWSON PLAN ID

SHEET  
**A1**  
**4-1.1**







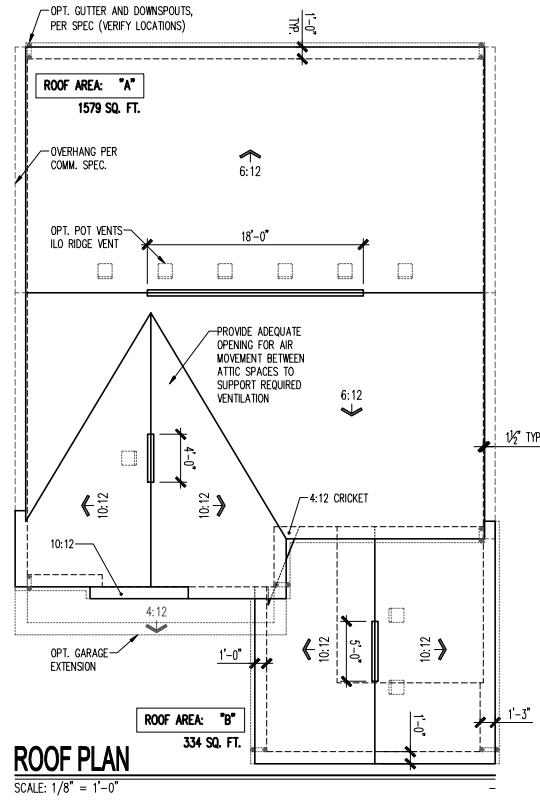
**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"

ATTIC VENT SCHEDULE			
ELEV FH201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	
ATTIC AREA (SF)	1579	334	
TOTAL NET FREE VENTED AREA REQ.	758 IN <sup>2</sup>	160 IN <sup>2</sup>	
LOW - REQUIRED (*)	379 IN <sup>2</sup>	80 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	392 IN <sup>2</sup> 14 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	380 IN <sup>2</sup> 38 LINEAR FEET	80 IN <sup>2</sup> 8 LINEAR FEET	
HIGH - REQUIRED (*)	379 IN <sup>2</sup>	80 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	427 IN <sup>2</sup> 7 VENTS	122 IN <sup>2</sup> 2 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	396 IN <sup>2</sup> 22 LF	90 IN <sup>2</sup> 5 LF	

\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH) & (LOW) ARENT PROVIDED, THE REQ'D NET FREE AREA IS 1/150 OF THE ACTUAL AREA INSTEAD.

\*\* ACTUAL NET FREE VENTED SOFFIT AREA IS CALCULATED BY DIVIDING THE REQUIRED (LOW) AREA BY THE MFRS STATED ACTUAL VENTED NET FREE AREA PER VENT:  
LOW OPT 1: EAVE VENTS = 28.0 IN<sup>2</sup>/VENT (OR)  
LOW OPT 2: CONT. VENTED SOFFITS = 10.0 IN<sup>2</sup>/LINEAR FT

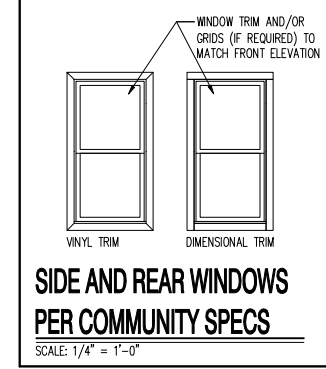
\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT



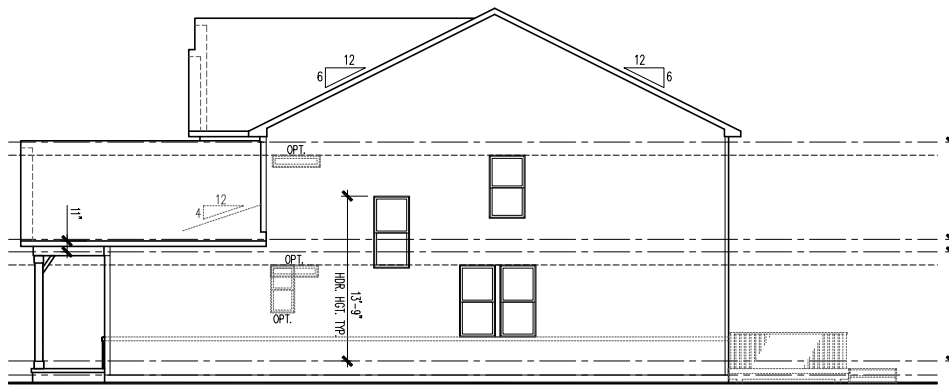
**ROOF PLAN**  
SCALE: 1/8" = 1'-0"



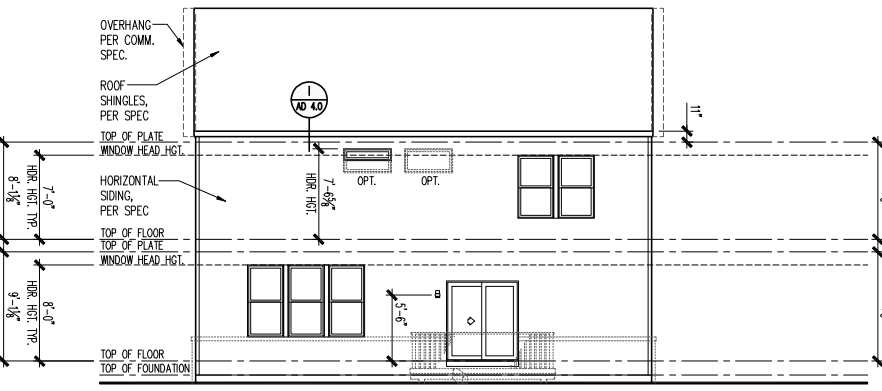
**FRONT ELEVATION - FH101**  
SCALE: 1/4" = 1'-0"



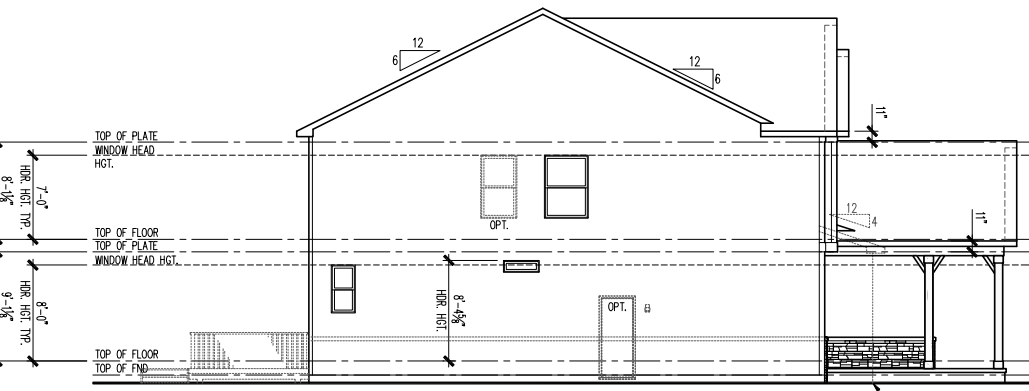
**SIDE AND REAR WINDOWS PER COMMUNITY SPECS**  
SCALE: 1/4" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 1/8" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



**LEFT ELEVATION**  
SCALE: 1/8" = 1'-0"

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FH201  
2 Car Front Entry  
Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

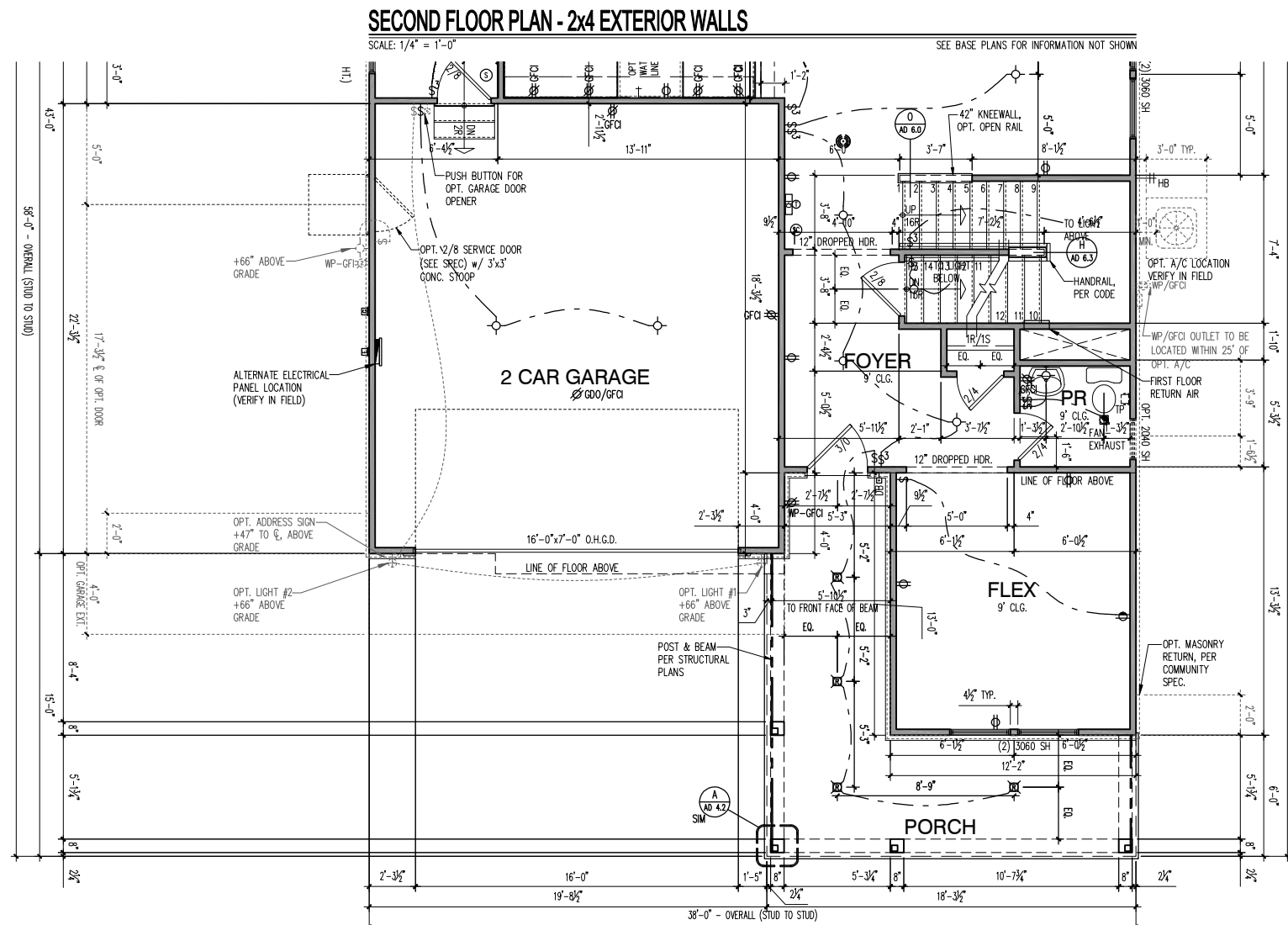
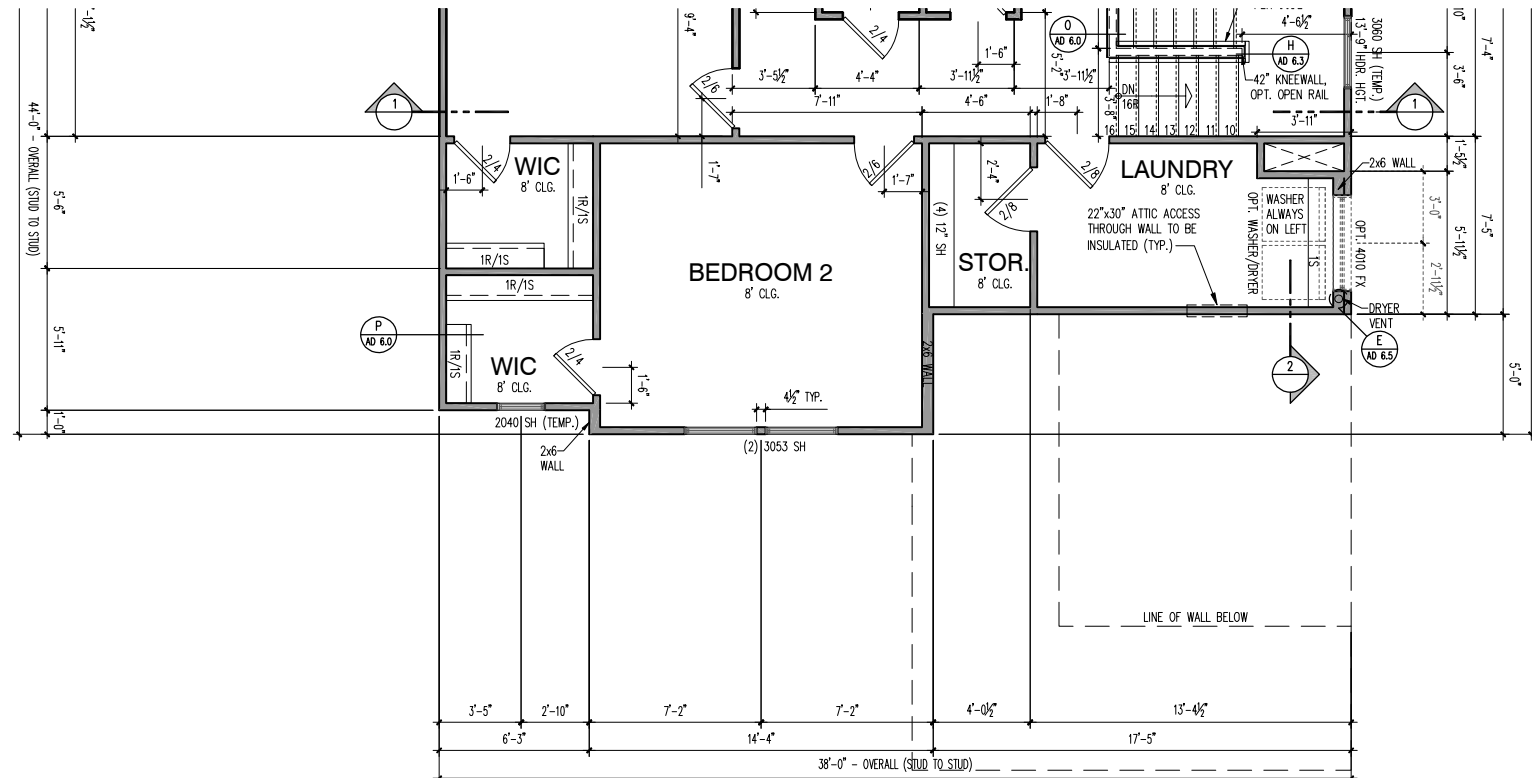
PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
06/31/2022  
CURRENT RELEASE DATE:  
06/30/2023

REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
NPC PLAN NUMBER  
**2992.302**  
LAWSON PLAN ID

SHEET  
**A3-FH201**  
**2FB.1**



LIGHT & VENT SCHEDULE							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	—	—
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	—	—
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	—	—
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	—	—
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	—	—
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	—	—
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	—	—
BATH 2	51.3	4.1	* 2.1	**	60.0	60	
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	—	—
BATH 3 OPTION	43.3	3.5	* 1.7	**	50.7	60	
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	—	—
SUNROOM	110.8	8.9	82.5	4.4	36.9	—	—
BEDROOM 7	140	11.2	12.2	5.6	6.7	—	—
BATH 7	42.50	3.4	* 1.7	**	49.7	60	

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

ELEVATION FH201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1269
ADDITIONAL 2ND FLOOR - HEATED	14
TOTAL 2ND FLOOR	1564
<b>TOTAL ELEV. HEATED</b>	<b>2833</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	454
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1171
FRONT PORCH	186
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1909</b>

LIGHT & VENT SCHEDULE ELEVATION FH201							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
BEDROOM 2	158.8	12.7	23.4	6.4	11.8	—	—
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, Suite 300  
 Schaumburg, Illinois 60173



**FH201**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Starkey  
 INITIAL RELEASE DATE:  
 06/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

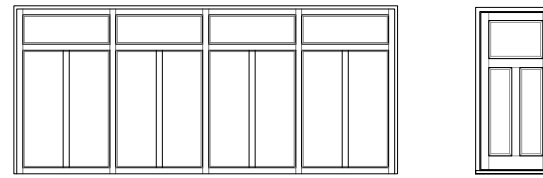
REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-FH201**  
**2FB4.3**





**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"

ATTIC VENT SCHEDULE			
ELEV HR201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	
ATTIC AREA (SF)	1579	230	
TOTAL NET FREE VENTED AREA REQ.	758 IN <sup>2</sup>	110 IN <sup>2</sup>	
LOW - REQUIRED (**)	379 IN <sup>2</sup>	55 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	392 IN <sup>2</sup> 14 EAVE VENTS	56 IN <sup>2</sup> 2 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	380 IN <sup>2</sup> 38 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET	
HIGH - REQUIRED (**)	379 IN <sup>2</sup>	55 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	427 IN <sup>2</sup> 7 VENTS	61 IN <sup>2</sup> 1 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	396 IN <sup>2</sup> 22 LF	72 IN <sup>2</sup> 4 LF	

\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH) & (LOW) AREN'T PROVIDED, THE REQ'D NET FREE AREA IS 1/150 OF THE ACTUAL AREA INSTEAD.

\*\* ACTUAL NET FREE VENTED SOFFIT AREA IS CALCULATED BY DIVIDING THE REQUIRED (LOW) AREA BY THE MFRS STATED ACTUAL VENTED NET FREE AREA PER VENT:  
LOW OPT 1: EAVE VENTS = 28.0 IN<sup>2</sup>/VENT (OR)  
LOW OPT 2: CONT. VENTED SOFFITS = 10.0 IN<sup>2</sup>/LINEAR FT

\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT

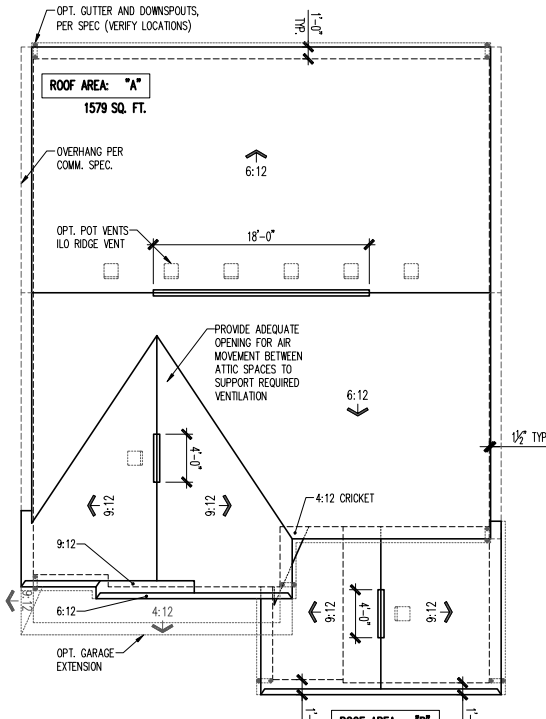
**North Area**  
1900 E. Golf Road, - Suite 300  
Schaumburg, Illinois 60173



**HR201**  
2 Car Front Entry  
Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

PRODUCTION MANAGER Rick Storkey	INITIAL RELEASE DATE: 03/15/2022
CURRENT RELEASE DATE: 06/30/2023	
REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024
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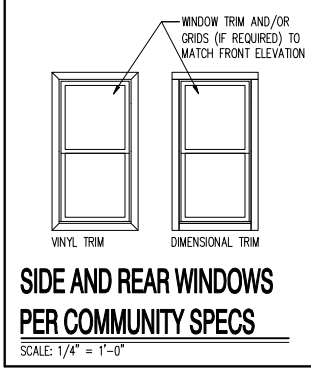
NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS



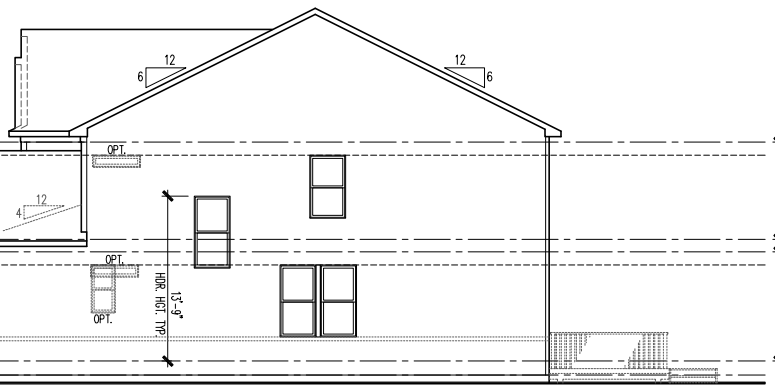
**ROOF PLAN**  
SCALE: 1/8" = 1'-0"



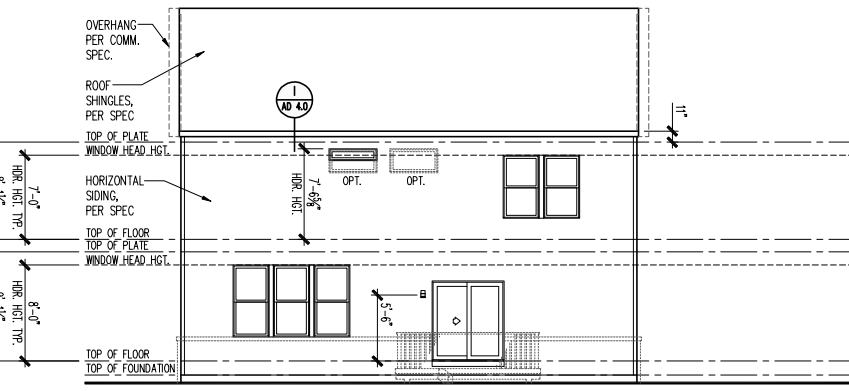
**FRONT ELEVATION - HR201**  
SCALE: 1/4" = 1'-0"



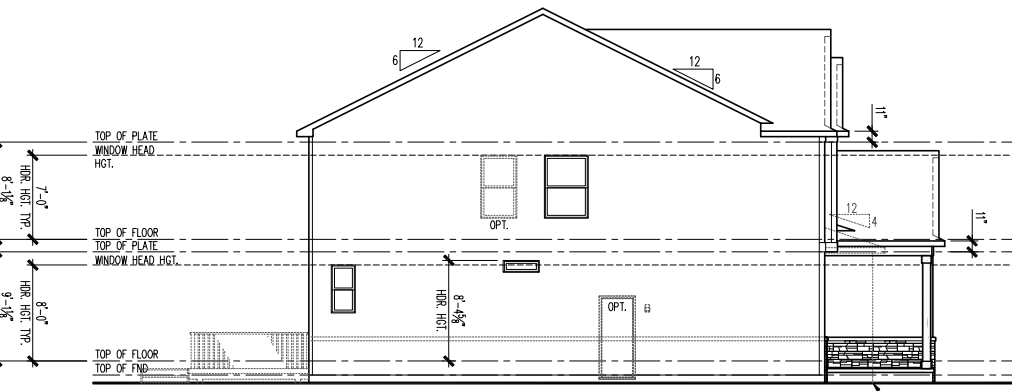
**SIDE AND REAR WINDOWS PER COMMUNITY SPECS**  
SCALE: 1/4" = 1'-0"



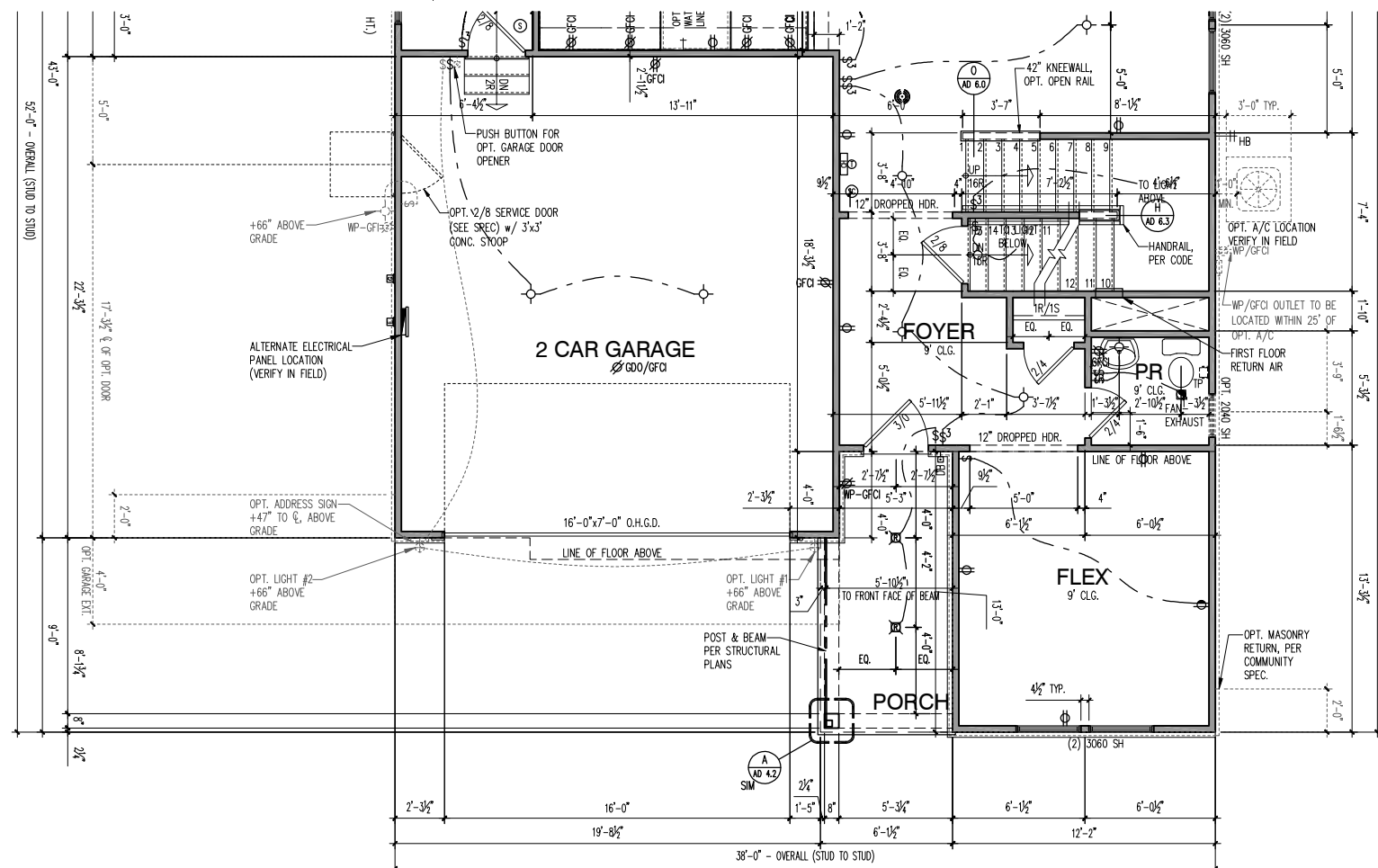
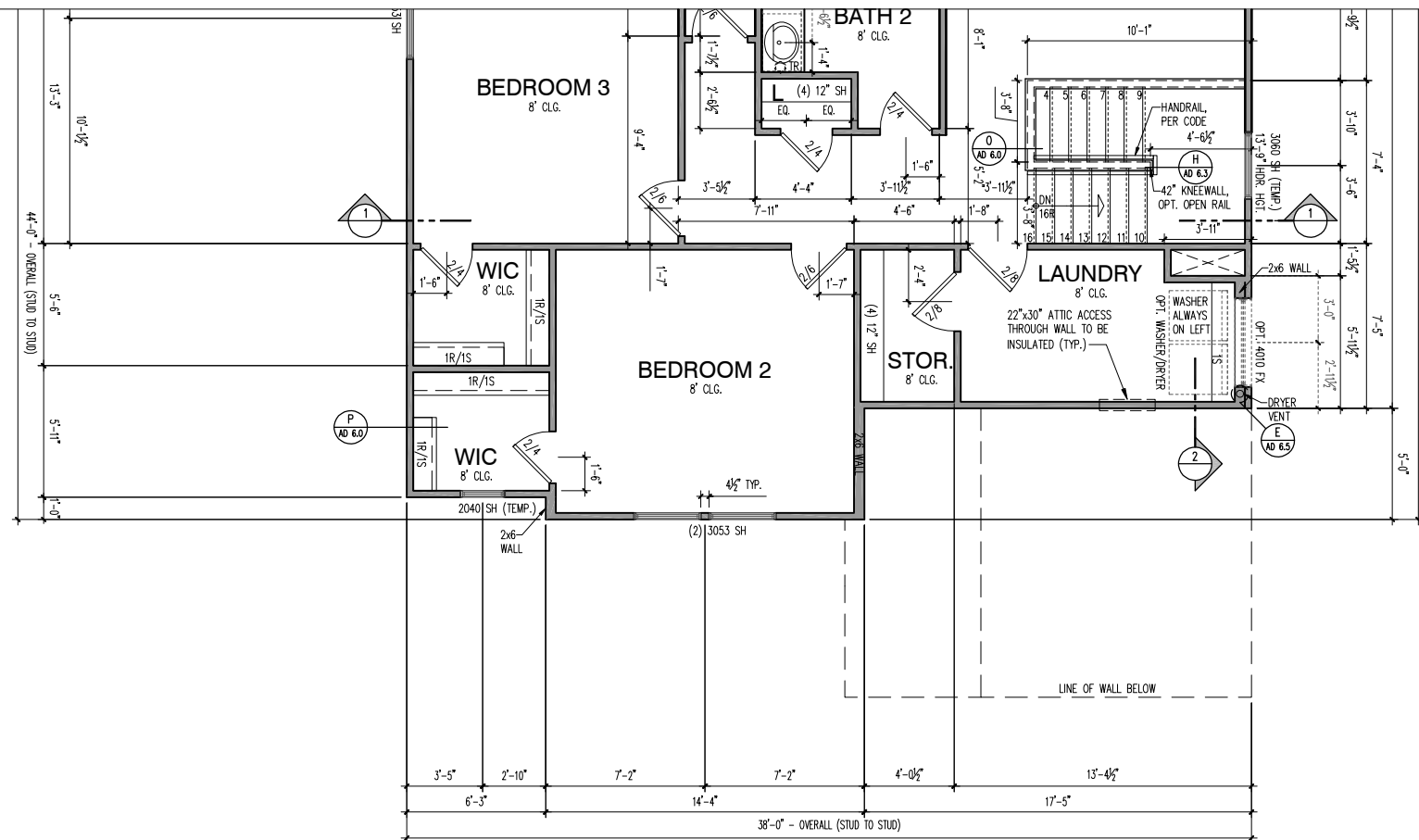
**RIGHT ELEVATION**  
SCALE: 1/8" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



**LEFT ELEVATION**  
SCALE: 1/8" = 1'-0"



LIGHT & VENT SCHEDULE							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	—	—
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	—	—
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	—	—
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	—	—
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	—	—
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	—	—
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	—	—
BATH 2	51.3	4.1	* 2.1	** 2.1	**	60.0	60
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	—	—
BATH 3 OPTION	43.3	3.5	*	1.7	**	50.7	60
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	—	—
SUNROOM	110.8	8.9	82.5	4.4	36.9	—	—
BEDROOM 7	140	11.2	12.2	5.6	6.7	—	—
BATH 7	42.50	3.4	*	1.7	**	49.7	60

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

ELEVATION HR201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1269
ADDITIONAL 2ND FLOOR - HEATED	14
TOTAL 2ND FLOOR	1564
<b>TOTAL ELEV. HEATED</b>	<b>2833</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	454
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1171
FRONT PORCH	76
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1799</b>

LIGHT & VENT SCHEDULE ELEVATION HR201							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
BEDROOM 2	158.8	12.7	23.4	6.4	11.8	—	—
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, Suite 300  
 Schaumburg, Illinois 60173



**HR201**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 06/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

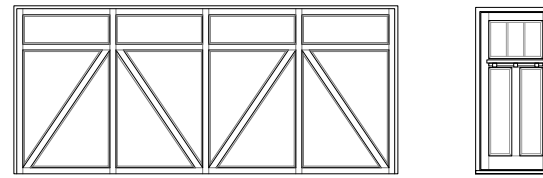
REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-HR201**  
**2FB4.3**





**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"

ATTIC VENT SCHEDULE			
ELEV NC102 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	
ATTIC AREA (SF)	1579	230	
TOTAL NET FREE VENTED AREA REQ.	758 IN <sup>2</sup>	110 IN <sup>2</sup>	
LOW - REQUIRED (**)	379 IN <sup>2</sup>	55 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	392 IN <sup>2</sup> 14 EAVE VENTS	56 IN <sup>2</sup> 2 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	380 IN <sup>2</sup> 38 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET	
HIGH - REQUIRED (**)	379 IN <sup>2</sup>	55 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	427 IN <sup>2</sup> 7 VENTS	61 IN <sup>2</sup> 1 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	396 IN <sup>2</sup> 22 LF	72 IN <sup>2</sup> 4 LF	

\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH) & (LOW) ARE PROVIDED, THE REQ'D NET FREE AREA IS 1/150 OF THE ACTUAL AREA INSTEAD.

\*\* ACTUAL NET FREE VENTED SOFFIT AREA IS CALCULATED BY DIVIDING THE REQUIRED (LOW) AREA BY THE MFRS STATED ACTUAL VENTED NET FREE AREA PER VENT:  
LOW OPT 1: EAVE VENTS = 28.0 IN<sup>2</sup>/VENT (OR)  
LOW OPT 2: CONT. VENTED SOFFITS = 10.0 IN<sup>2</sup>/LINEAR FT

\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT

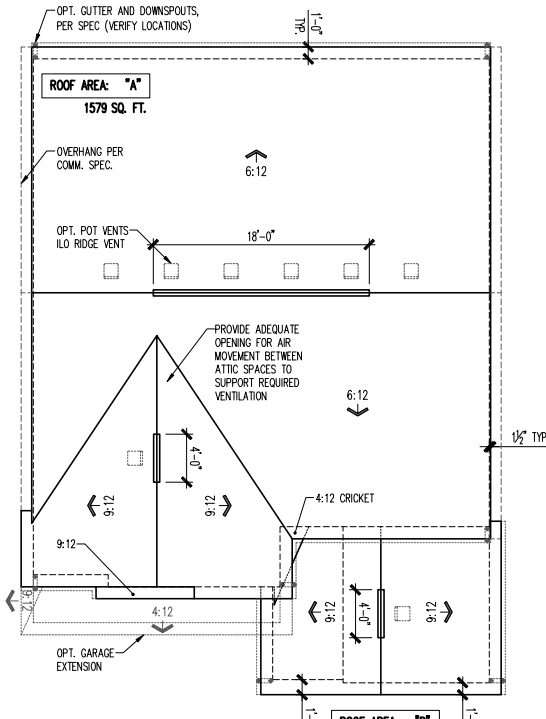
**North Area**  
1900 E. Golf Road, - Suite 300  
Schaumburg, Illinois 60173



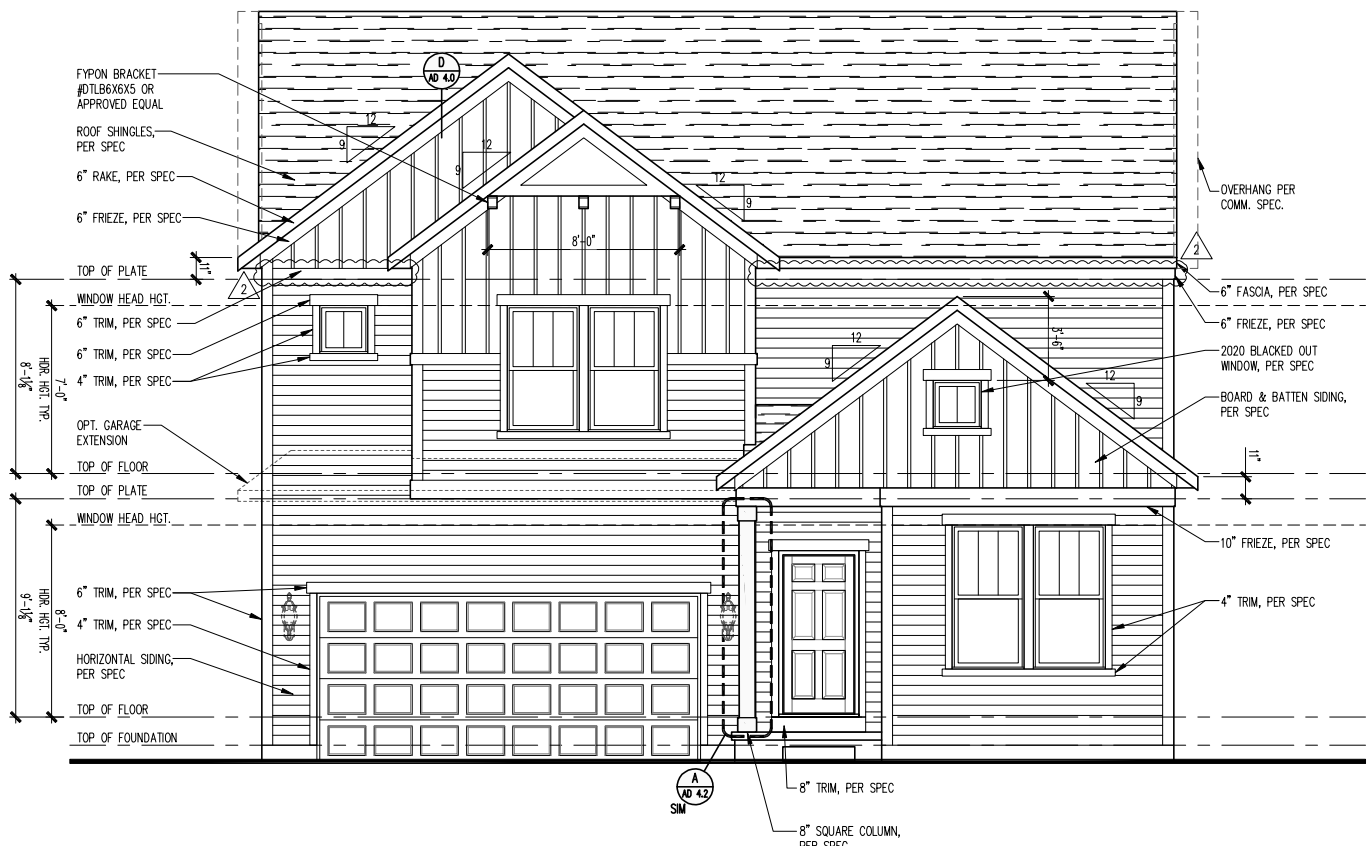
NC102  
2 Car Front Entry  
Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

PRODUCTION MANAGER Rick Storkey	INITIAL RELEASE DATE: 03/15/2022
CURRENT RELEASE DATE: 06/30/2023	
REV #	DATE / DESCRIPTION
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2	06/30/2023
3	03/15/2024
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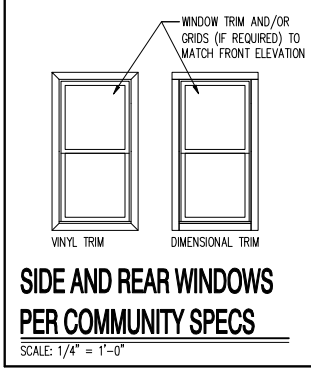
NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS



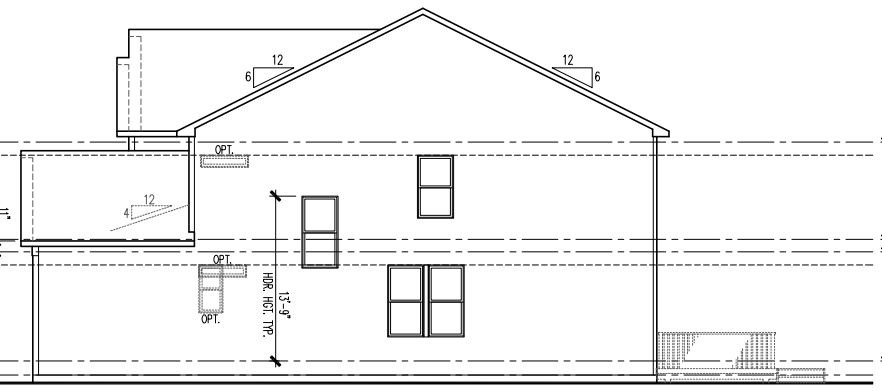
**ROOF PLAN**  
SCALE: 1/8" = 1'-0"



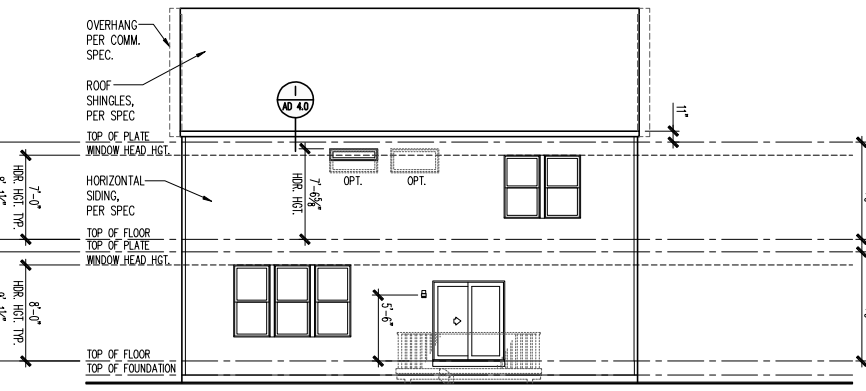
**FRONT ELEVATION - NC102**  
SCALE: 1/4" = 1'-0"



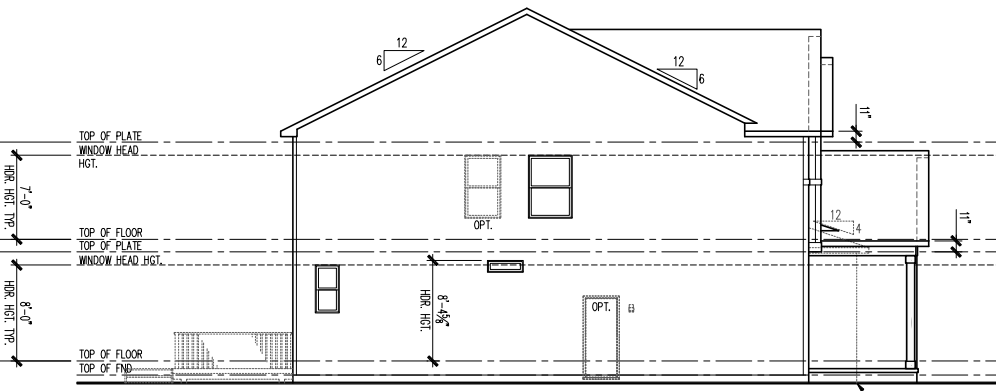
**SIDE AND REAR WINDOWS PER COMMUNITY SPECS**  
SCALE: 1/4" = 1'-0"



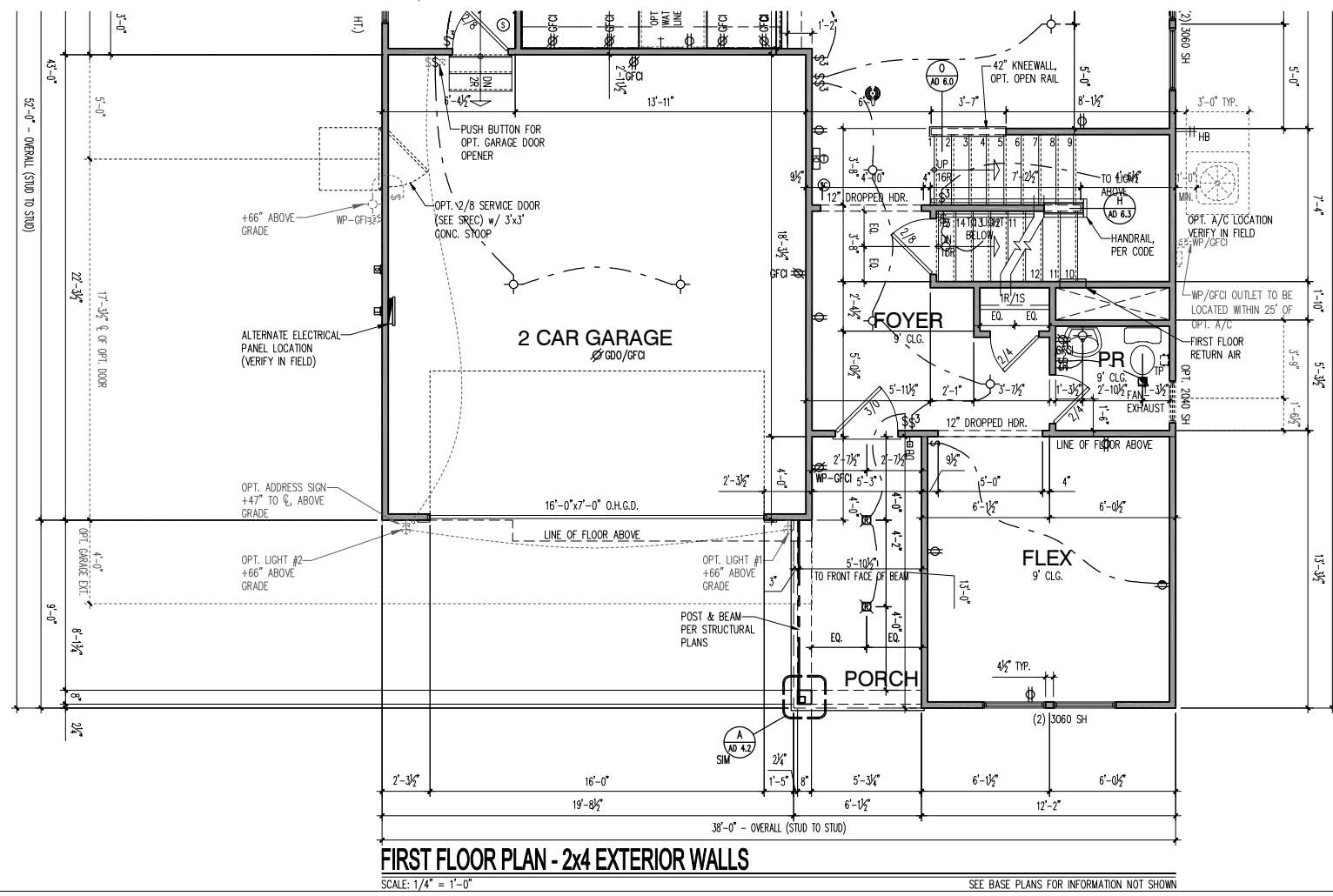
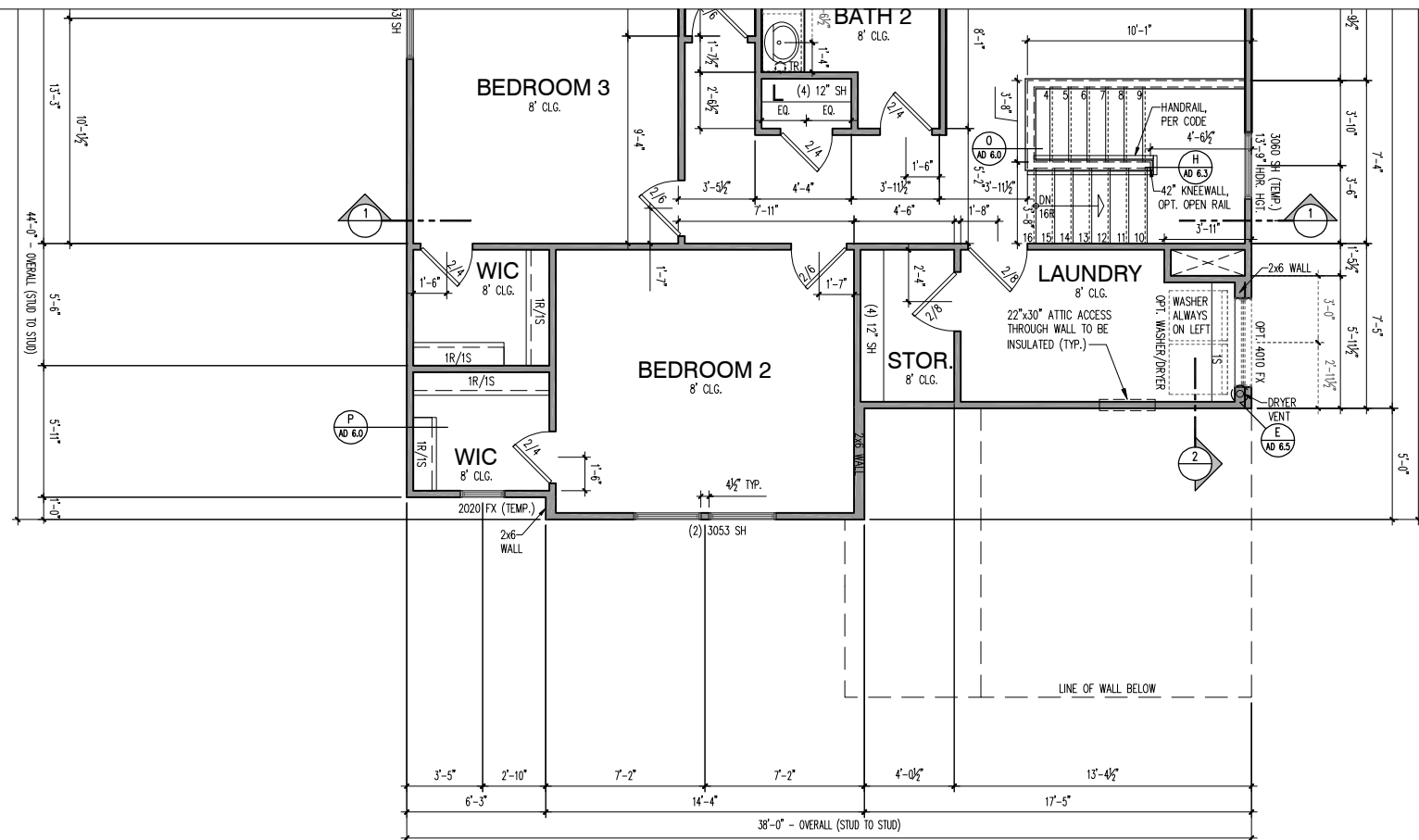
**RIGHT ELEVATION**  
SCALE: 1/8" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



**LEFT ELEVATION**  
SCALE: 1/8" = 1'-0"



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	—	—
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	—	—
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	—	—
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	—	—
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	—	—
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	—	—
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	—	—
BATH 2	51.3	4.1	* 2.1	** 2.1	**	60.0	60
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	—	—
BATH 3 OPTION	43.3	3.5	*	1.7	**	50.7	60
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	—	—
SUNROOM	110.8	8.9	82.5	4.4	36.9	—	—
BEDROOM 7	140	11.2	12.2	5.6	6.7	—	—
BATH 7	42.50	3.4	*	1.7	**	49.7	60

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

ELEVATION NC 102	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1269
ADDITIONAL 2ND FLOOR - HEATED	14
TOTAL 2ND FLOOR	1564
<b>TOTAL ELEV. HEATED</b>	<b>2833</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	454
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1171
FRONT PORCH	76
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1799</b>

LIGHT & VENT SCHEDULE		ELEVATION NC 102					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
BEDROOM 2	158.8	12.7	23.4	6.4	11.8	—	—
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, Suite 300  
 Schaumburg, Illinois 60173



NC102  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 06/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

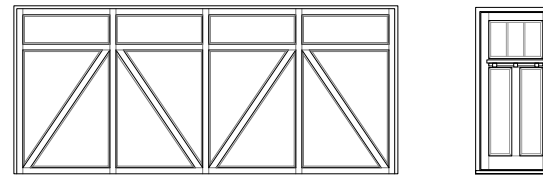
REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-NC102**  
**2FB4.3**





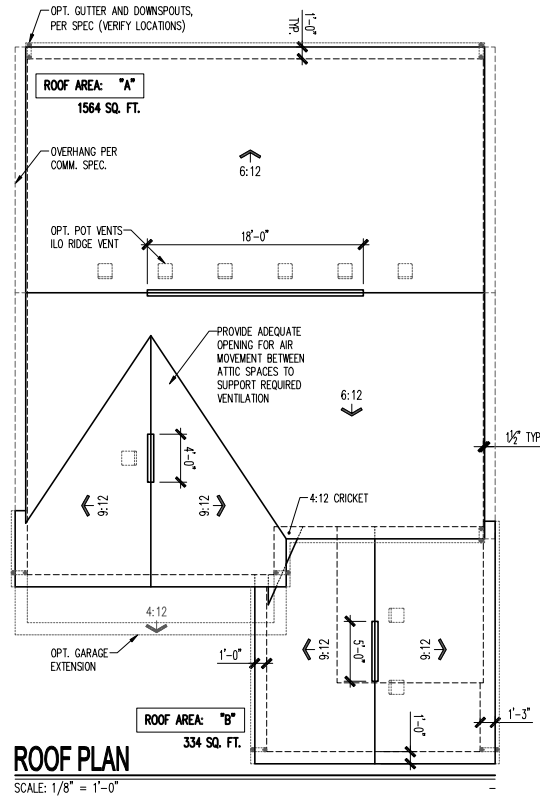
**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"

ATTIC VENT SCHEDULE			
ELEV NC201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	
ATTIC AREA (SF)	1564	334	
TOTAL NET FREE VENTED AREA REQ.	751 IN <sup>2</sup>	160 IN <sup>2</sup>	
LOW - REQUIRED (*)	375 IN <sup>2</sup>	80 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	392 IN <sup>2</sup> 14 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	380 IN <sup>2</sup> 38 LINEAR FEET	80 IN <sup>2</sup> 8 LINEAR FEET	
HIGH - REQUIRED (*)	375 IN <sup>2</sup>	80 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	427 IN <sup>2</sup> 7 VENTS	122 IN <sup>2</sup> 2 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	396 IN <sup>2</sup> 22 LF	90 IN <sup>2</sup> 5 LF	

\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH) & (LOW) ARE PROVIDED, THE REQ'D NET FREE AREA IS 1/150 OF THE ACTUAL AREA INSTEAD.

\*\* ACTUAL NET FREE VENTED SOFFIT AREA IS CALCULATED BY DIVIDING THE REQUIRED (LOW) AREA BY THE MFRS STATED ACTUAL VENTED NET FREE AREA PER VENT:  
LOW OPT 1: EAVE VENTS = 28.0 IN<sup>2</sup>/VENT (OR)  
LOW OPT 2: CONT. VENTED SOFFITS = 10.0 IN<sup>2</sup>/LINEAR FT

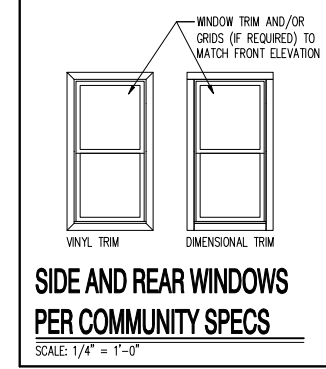
\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT



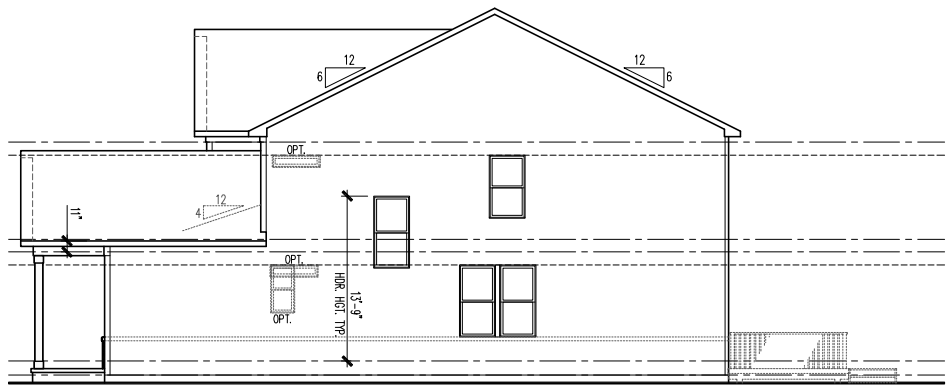
**ROOF PLAN**  
SCALE: 1/8" = 1'-0"



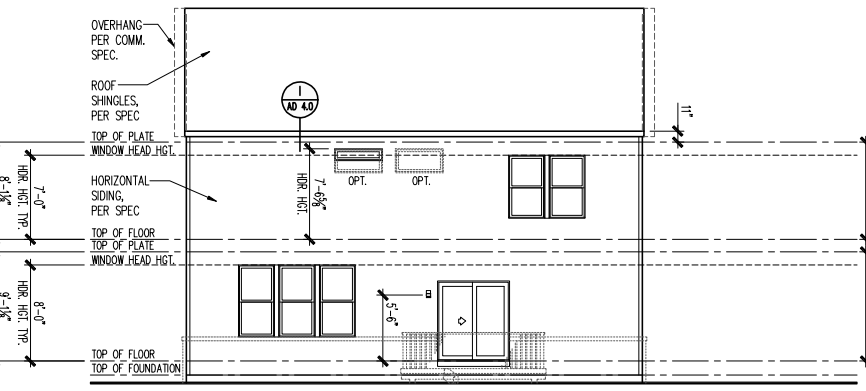
**FRONT ELEVATION - NC201**  
SCALE: 1/4" = 1'-0"



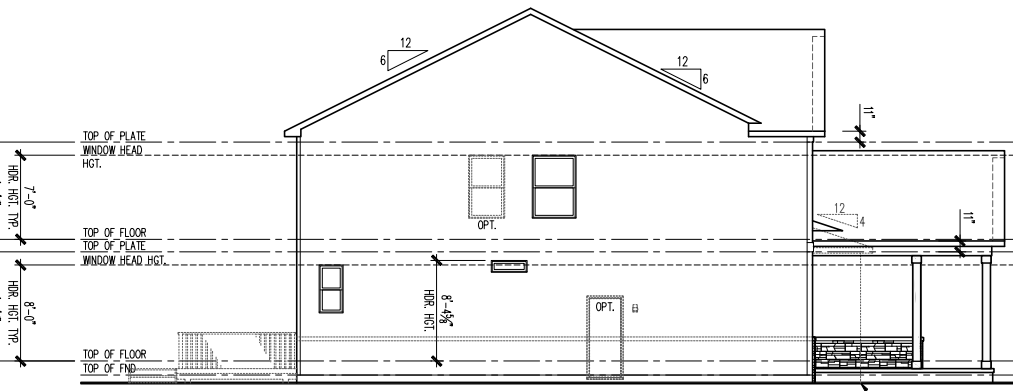
**SIDE AND REAR WINDOWS PER COMMUNITY SPECS**  
SCALE: 1/4" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 1/8" = 1'-0"



**REAR ELEVATION**  
SCALE: 1/8" = 1'-0"



**LEFT ELEVATION**  
SCALE: 1/8" = 1'-0"

PLOTTED: August 1, 2024 / Tiffany Yost / A3-NC201 2FB.1.DWG  
 (c) Copyright Pulte Home Corporation - 2024  
 SCALE: 1/8" = 1'-0" (RIGHT, REAR, LEFT), 1/4" = 1'-0" (FRONT), 1/8" = 1'-0" (ROOF)  
 NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, Suite 300  
 Schaumburg, Illinois 60173



**NC201**  
**2 Car Front Entry**  
 Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

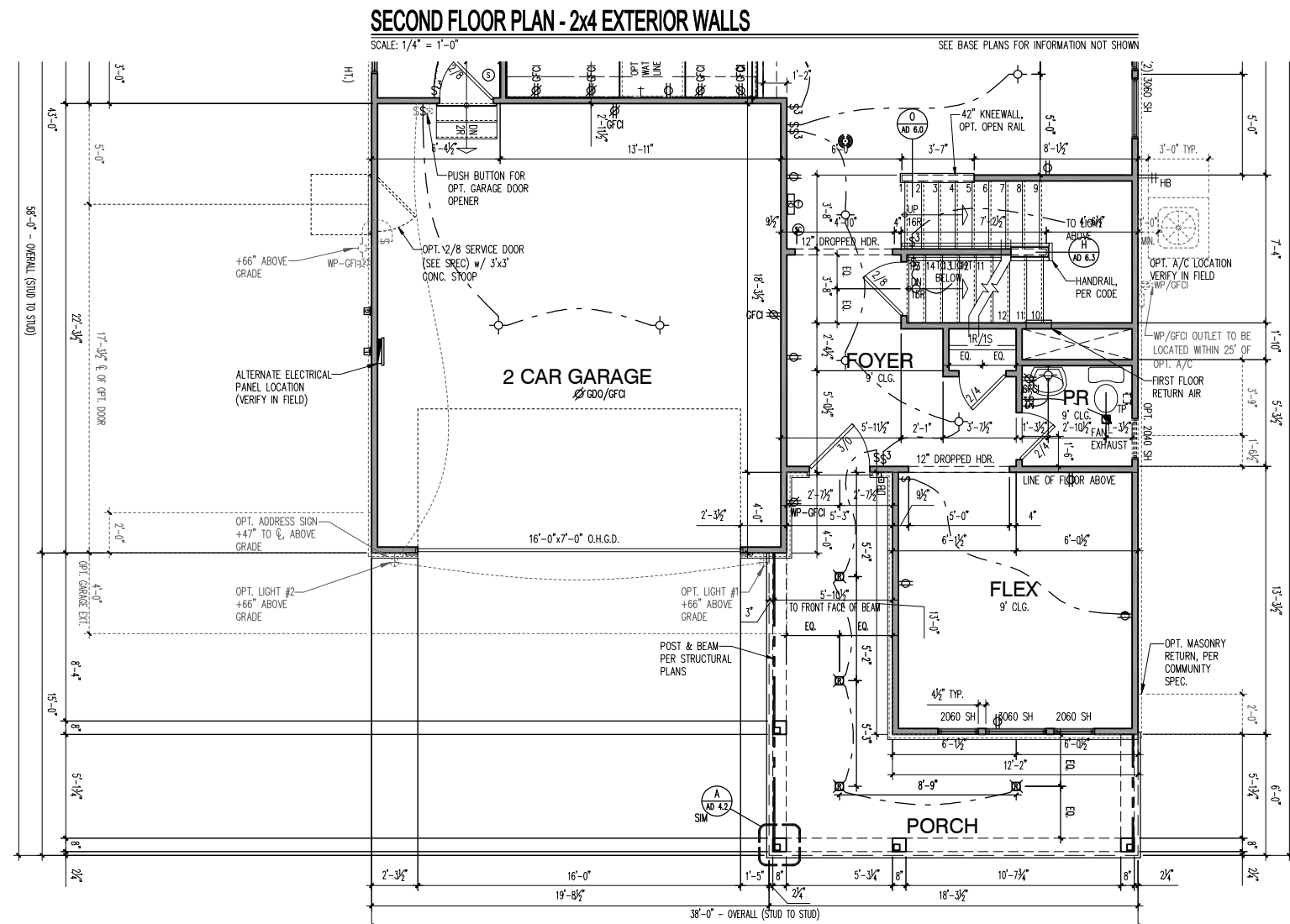
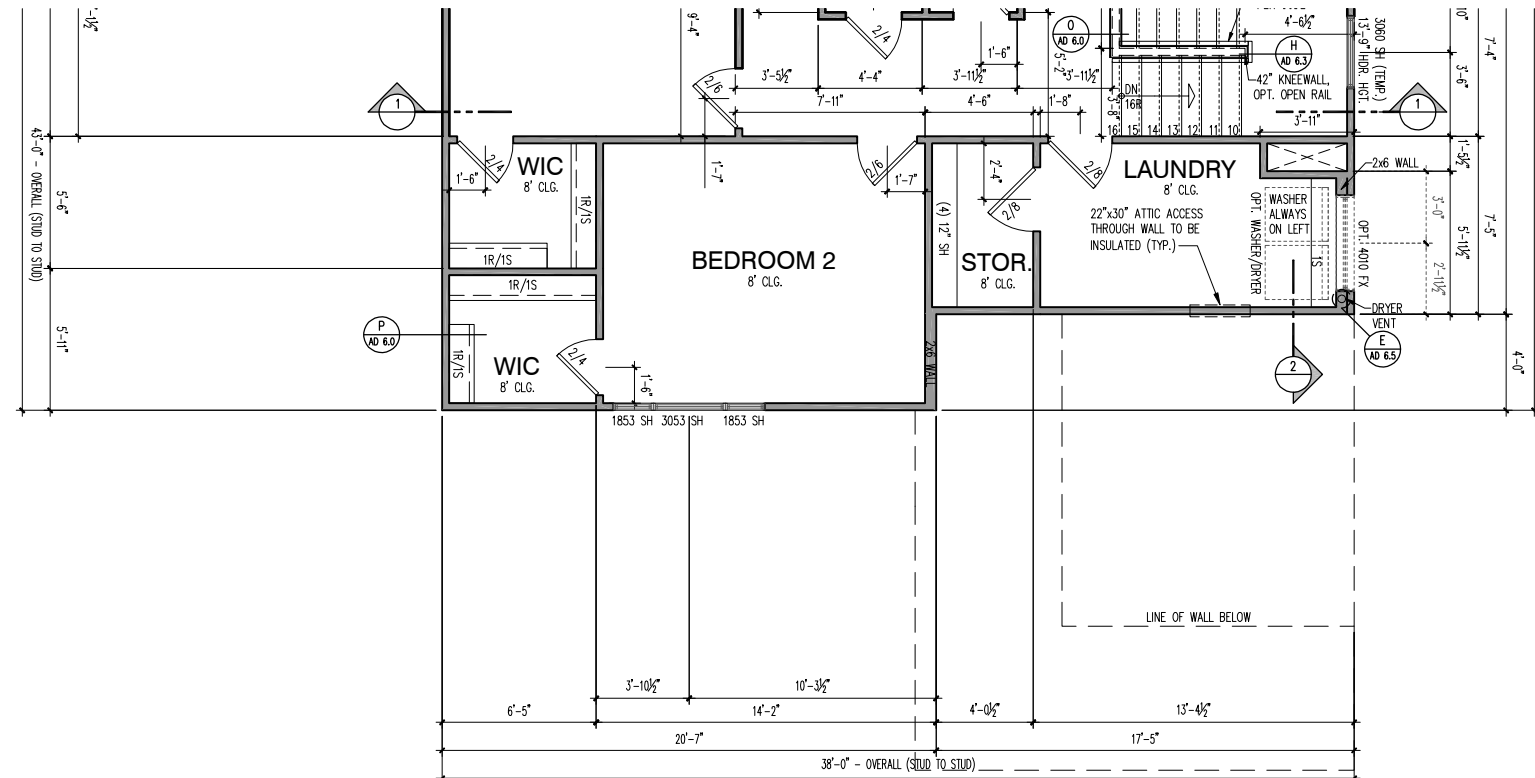
PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 03/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

REV #	DATE / DESCRIPTION
04/14/2023	PLAN REVISION
06/30/2023	FIRST BUILD REDS
03/15/2024	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-NC201**  
**2FB.1**



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	—	—
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	—	—
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	—	—
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	—	—
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	—	—
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	—	—
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	—	—
BATH 2	51.3	4.1	* 2.1	**	60.0	60	
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	—	—
BATH 3 OPTION	43.3	3.5	* 1.7	**	50.7	60	
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	—	—
SUNROOM	110.8	8.9	82.5	4.4	36.9	—	—
BEDROOM 7	140	11.2	12.2	5.6	6.7	—	—
BATH 7	42.50	3.4	* 1.7	**	49.7	60	

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

ELEVATION NC201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1269
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	1550
<b>TOTAL ELEV. HEATED</b>	<b>2819</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	454
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1171
FRONT PORCH	186
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1909</b>

LIGHT & VENT SCHEDULE		ELEVATION NC201					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	147.2	11.8	30.3	5.9	13.1	—	—
BEDROOM 2	145.4	11.6	22.9	5.8	10.7	—	—
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, - Suite 300  
 Schaumburg, Illinois 60173



**NC201**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Starkey  
 INITIAL RELEASE DATE:  
 06/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

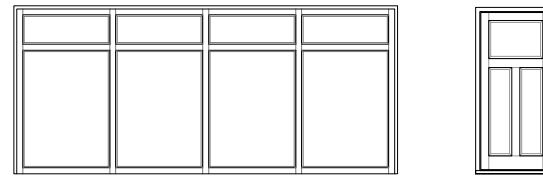
REV #	DATE / DESCRIPTION
04/14/2023	04/14/2023
06/30/2023	06/30/2023
03/15/2024	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-NC201**  
**2FB4.3**





**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"

ATTIC VENT SCHEDULE			
ELEV PR201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	
ATTIC AREA (SF)	1564	334	
TOTAL NET FREE VENTED AREA REQ.	751 IN <sup>2</sup>	160 IN <sup>2</sup>	
LOW - REQUIRED (**)	375 IN <sup>2</sup>	80 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	392 IN <sup>2</sup> 14 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	380 IN <sup>2</sup> 38 LINEAR FEET	80 IN <sup>2</sup> 8 LINEAR FEET	
HIGH - REQUIRED (**)	375 IN <sup>2</sup>	80 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	427 IN <sup>2</sup> 7 VENTS	122 IN <sup>2</sup> 2 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	396 IN <sup>2</sup> 22 LF	90 IN <sup>2</sup> 5 LF	

\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH) & (LOW) ARE PROVIDED, THE REQ'D NET FREE AREA IS 1/150 OF THE ACTUAL AREA INSTEAD.

\*\* ACTUAL NET FREE VENTED SOFFIT AREA IS CALCULATED BY DIVIDING THE REQUIRED (LOW) AREA BY THE MFRS STATED ACTUAL VENTED NET FREE AREA PER VENT:  
LOW OPT 1: EAVE VENTS = 28.0 IN<sup>2</sup>/VENT (OR)  
LOW OPT 2: CONT. VENTED SOFFITS = 10.0 IN<sup>2</sup>/LINEAR FT

\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT

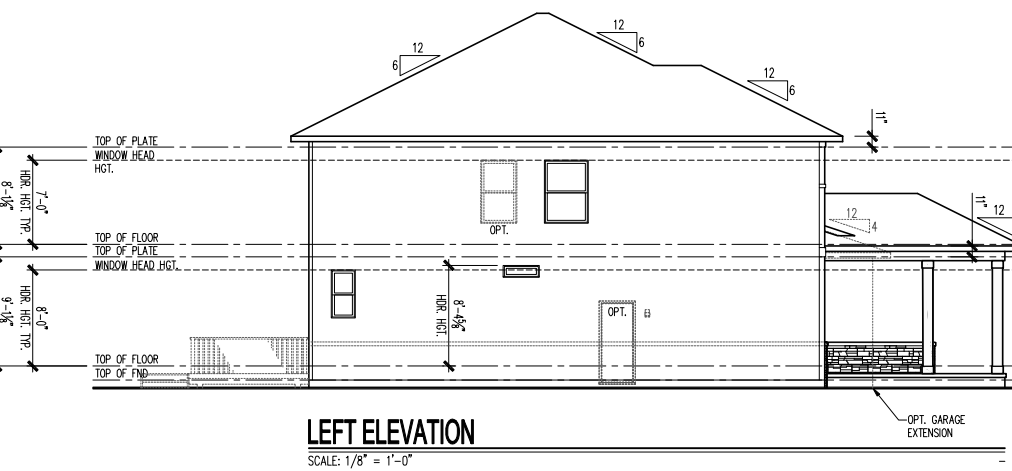
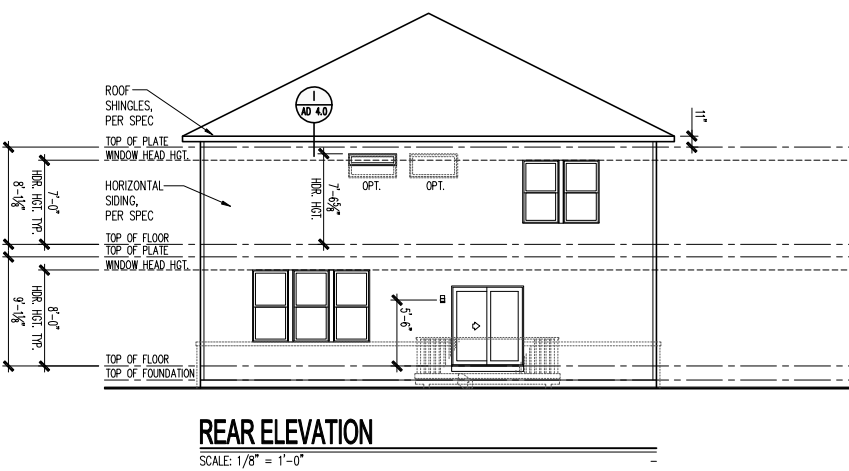
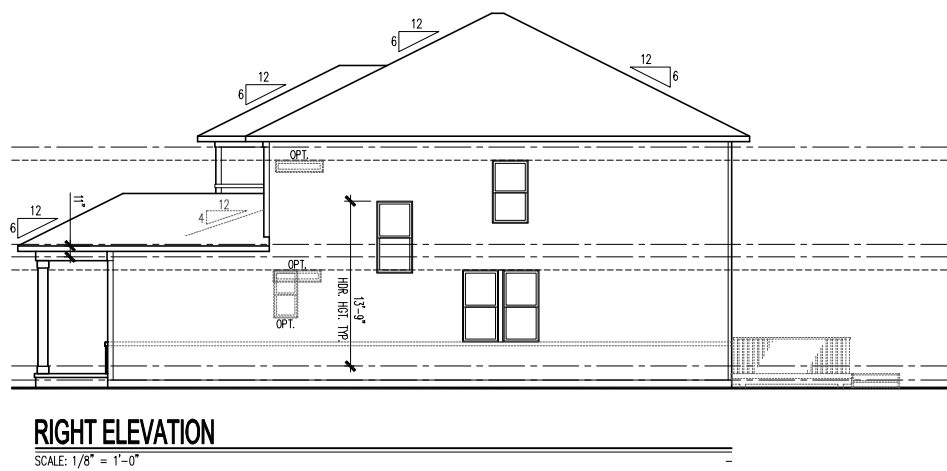
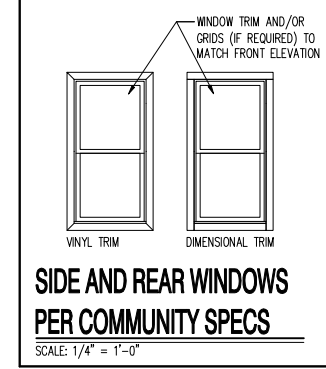
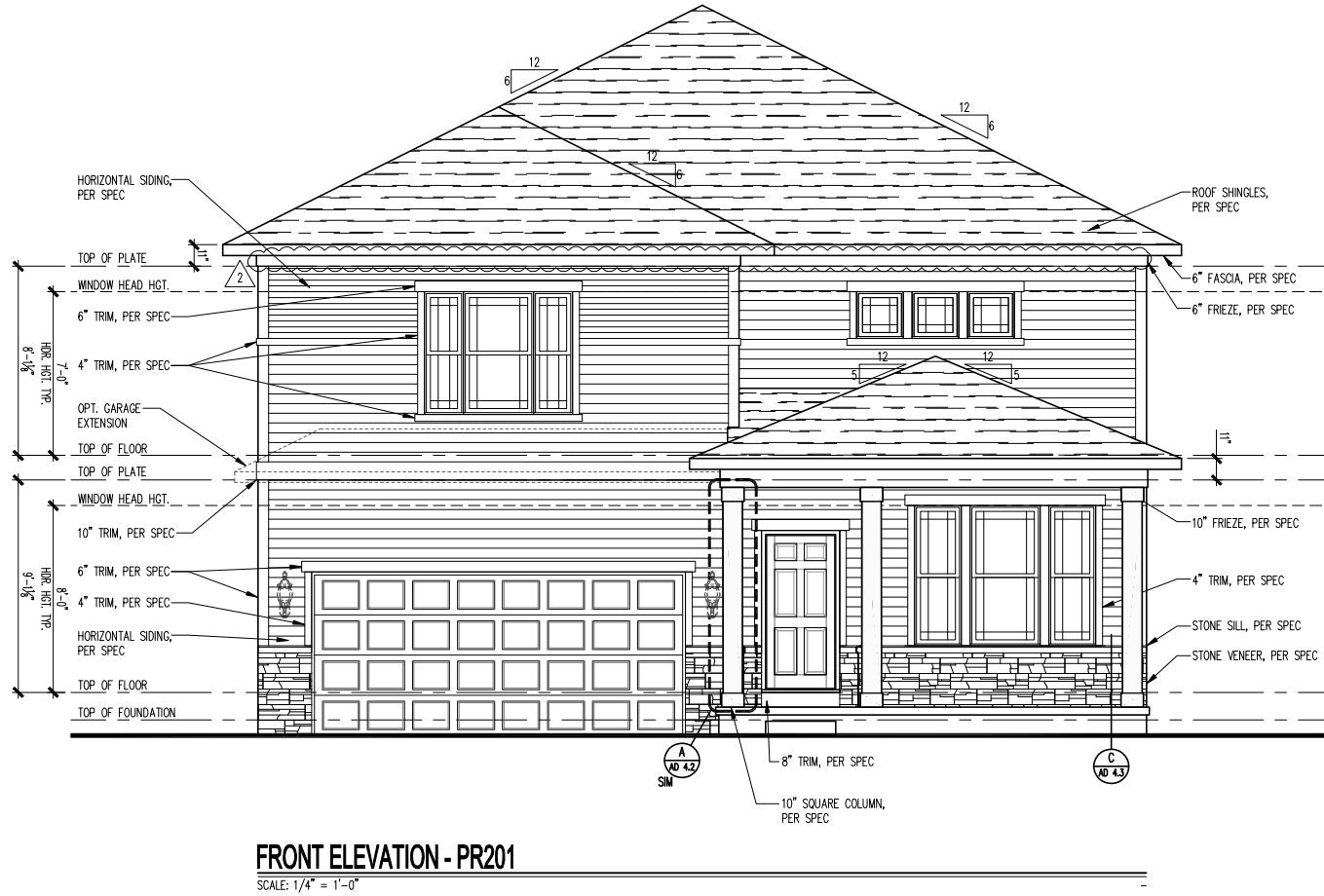
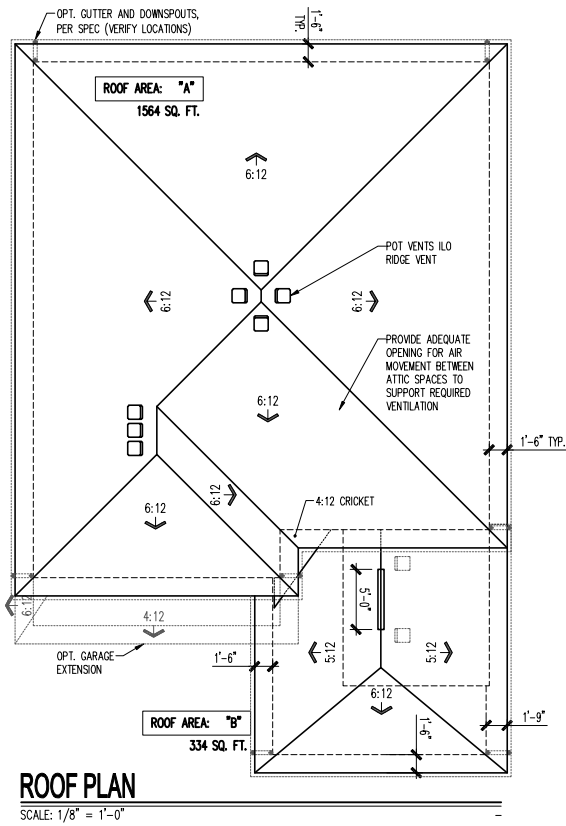
**North Area**  
1900 E. Golf Road, - Suite 300  
Schaumburg, Illinois 60173

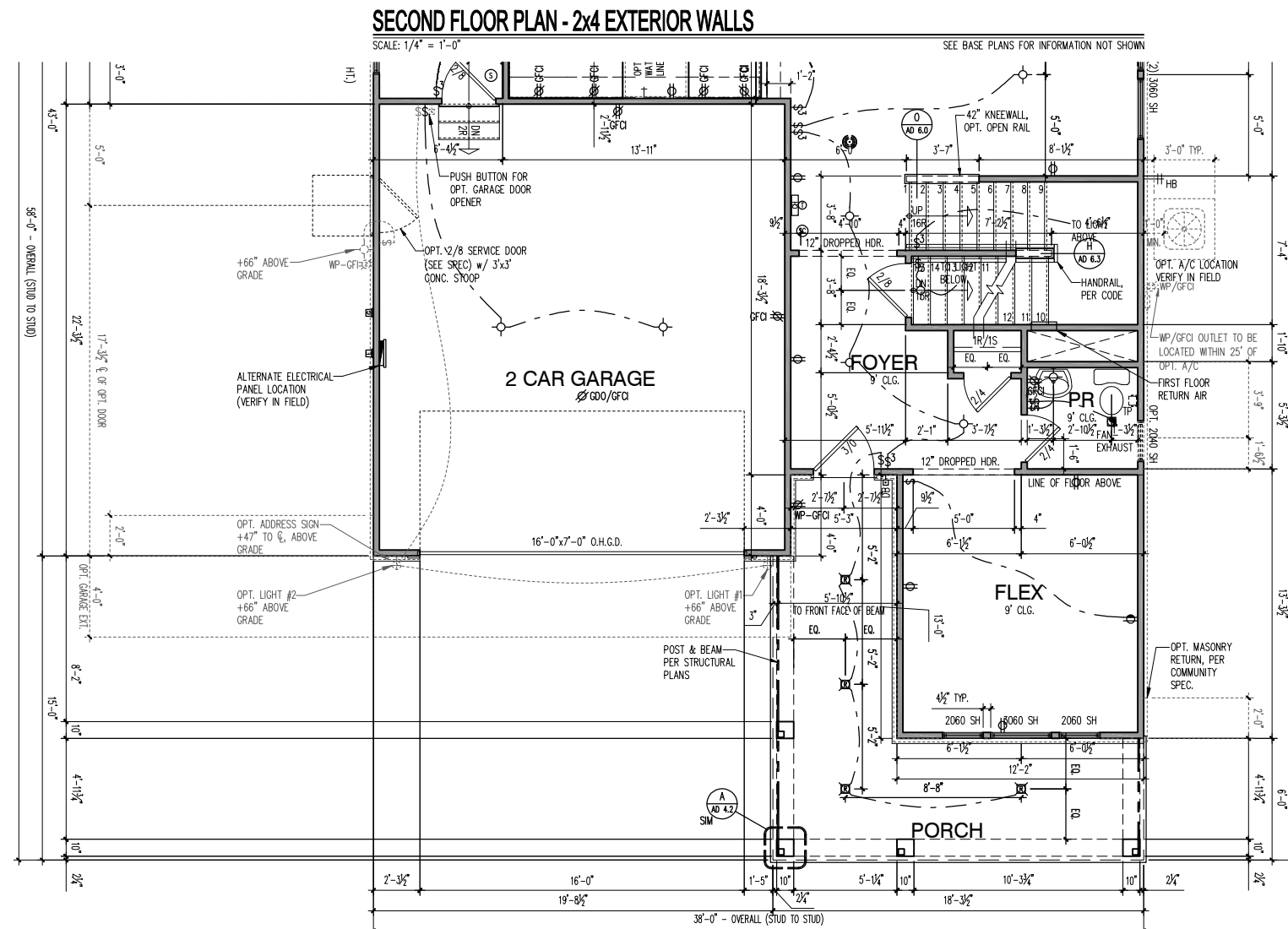
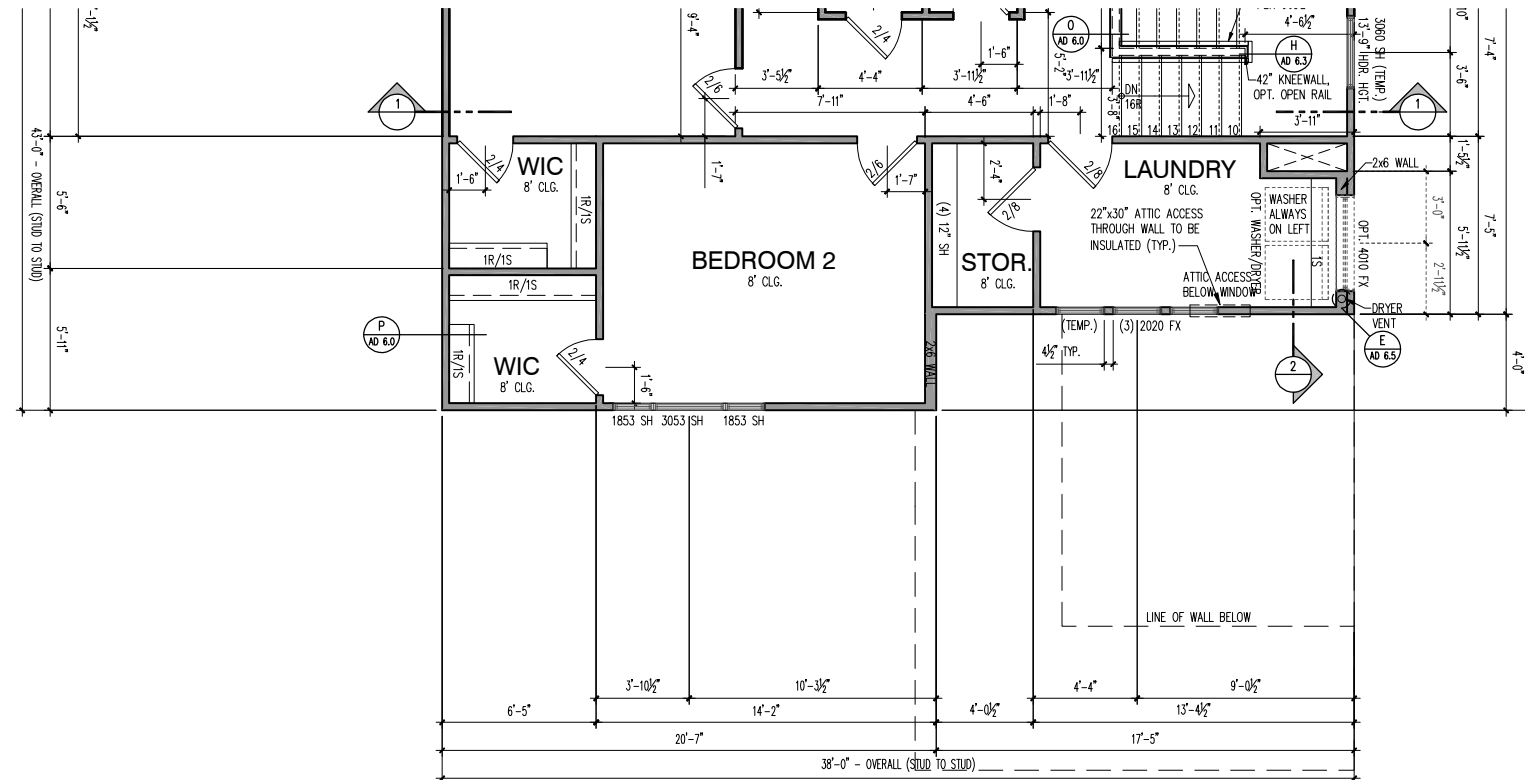


PR201  
2 Car Front Entry  
Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

PRODUCTION MANAGER Rick Storkey	INITIAL RELEASE DATE: 03/31/2022
CURRENT RELEASE DATE: 06/30/2023	
REV #	DATE / DESCRIPTION
1	04/14/2023
2	06/30/2023
3	03/15/2024
4	PCR UPDATES
GARAGE HANDING <b>GARAGE LEFT</b>	
PLAN NAME <b>LV</b>	
NPC PLAN NUMBER <b>2992.302</b>	
LAWSON PLAN ID	
SHEET <b>A3-PR201</b>	
<b>2FB.1</b>	

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34" SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS





ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	712.1	57.0	96.2	28.5	42.8	—	—
FLEX	147.2	11.8	27.4	5.9	11.8	—	—
PR	27.3	2.2	*	1.1	**	31.9	40
ENTRY	47.2	3.8	1.4*	1.9	**	55.2	60
PPC	34.5	2.8	5.2	1.4	2.1	—	—
BEDROOM 6 OPTION	127.6	10.2	27.4	5.1	11.8	—	—
BATH 6 OPTION	39.8	3.2	*	1.6	**	46.6	60
O. SUITE	277.4	22.2	23.4	11.1	11.8	—	—
O. BATH	116.7	9.3	2.0*	4.7	**	136.5	140
LOFT	155.3	12.4	11.7*	6.2	5.9***	—	—
BEDROOM 2	145.4	11.6	23.4	5.8	11.8	—	—
BEDROOM 3	154.4	12.4	14.8	6.2	6.3	—	—
BATH 2	51.3	4.1	*	2.1	**	60.0	60
LAUNDRY	79.7	6.4	*	3.2	**	93.2	100
BEDROOM 4 OPTION	155.3	12.4	11.7*	6.2	5.9***	—	—
BATH 3 OPTION	43.3	3.5	*	1.7	**	50.7	60
KITCHEN / CAFE / GATHERING ROOM EXTENSION	782.6	62.6	96.2	31.3	42.8	—	—
SUNROOM	110.8	8.9	82.5	4.4	36.9	—	—
BEDROOM 7	140	11.2	12.2	5.6	6.7	—	—
BATH 7	42.50	3.4	*	1.7	**	49.7	60

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

SQUARE FOOTAGES	
<b>BASE HOUSE - HEATED</b>	
FIRST FLOOR	1269
SECOND FLOOR	1550
<b>TOTAL BASE HEATED</b>	<b>2819</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	454
BASEMENT	1171
<b>TOTAL BASE UNDER ROOF</b>	<b>1723</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	74
SUNROOM w/ GATHERING ROOM EXTENSION	192
FINISHED BASEMENT	835

ELEVATION PR201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1269
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	1550
<b>TOTAL ELEV. HEATED</b>	<b>2819</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	454
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1171
FRONT PORCH	186
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1909</b>

LIGHT & VENT SCHEDULE		ELEVATION PR201					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	147.2	11.8	30.3	5.9	13.1	—	—
BEDROOM 2	145.4	11.6	22.9	5.8	10.7	—	—
LAUNDRY	79.7	6.4	7.2	3.2	**	93.2	100

\* ARTIFICIAL LIGHT  
 \*\* FAN REQ: LxWxH OF ROOM x 0.13 = MIN. CFM RATING REQUIRED  
 THE TABLE ABOVE SHOWS CALCULATIONS THAT APPLY FOR ALL ELEVATIONS, U.N.O.  
 \*\*\* DWELLING WILL BE EQUIPPED WITH WHOLE HOUSE MECHANICAL VENTILATION SYSTEM INSTALLED PER IRC SECTION M1505

NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34 SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS

**North Area**  
 1900 E. Golf Road, - Suite 300  
 Schaumburg, Illinois 60173



**PR201**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Starkey  
 INITIAL RELEASE DATE:  
 06/31/2022  
 CURRENT RELEASE DATE:  
 06/30/2023

REV #	DATE / DESCRIPTION
04/14/2023	04/14/2023
06/30/2023	PLAN REVISION
03/15/2024	FIRST BUILD REDS
03/15/2024	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
  
 NPC PLAN NUMBER  
**2992.302**  
 LAWSON PLAN ID

SHEET  
**A3-PR201**  
**2FB4.3**