



# Waverly 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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A1 0.2	Finished Basement Floor Plan / Options	A4 EX4L.13	Gathering Room Extension Option - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.20	Finished Basement Utility Plans / Options / All Walls	TR 6-1.2	First Floor Plan / Trim Option Layouts / 2x6 Exterior Walls		
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A1 6-2.2	Second Floor Plan / Options / 2x6 Exterior Walls	A4 EXSR4S.1	Gathering Room Extension w/ Sunroom Option - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-2.20	Second Floor Utility Plan / Options / 2x4 Exterior Walls	S-3 Sheets	Roof Framing Plans		
A2 S.1	Building Sections 1 / Slab Foundation	A4 EXSR4L.1	Gathering Room Extension w/ Sunroom Option - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-2.21	Second Floor Utility Plan / Optional Lighting Package / 2x4 Exterior Walls	S-4 Sheets	Framing Details		
A2 S.2	Building Sections 2 and 3 / Slab Foundation	A4 EXSR4L.13	Gathering Room Extension w/ Sunroom Option - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 6-1.10	First Floor Utility Plan / 2x6 Exterior Walls	SO-1 Sheets	Plan Options		
A2 B.1	Building Sections 1 / Basement Foundation	A4 EXSR4D.1	Gathering Room Extension w/ Sunroom Option - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 6-1.11	First Floor Utility Plan / Optional Lighting Package / 2x6 Exterior Walls	SO-2 Sheets	Plan Options		
A2 B.2	Building Sections 2 / Basement Foundation	A4 EXSR4D.13	Gathering Room Extension w/ Sunroom Option - Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 6-1.20	First Floor Utility Plan / Options / 2x6 Exterior Walls	SO-3 Sheets	Deck Framing Plans		
A2 B.3	Building Sections 3 / Basement Foundation	A4 EXSR4W.1	Gathering Room Extension w/ Sunroom Option - Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 6-1.21	First Floor Utility Plan / Options - Optional Lighting Package / 2x6 Exterior Walls	<b>STRUCTURAL DETAILS</b>			
A3 HR2G 2FB.1	Heartland 2G / 2 Car Front Entry / Foundation Plan	A4 EXSR4W.13	Gathering Room Extension w/ Sunroom Option - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 6-2.10	Second Floor Utility Plan / 2x6 Exterior Walls	SD Sheets	Structural Details		
A3 HR2G 2FB.2	Heartland 2G / Partial Floor and Utility Plans / Sq. Ftg. and Light & Vent	A4 EXSR6S.1	Gathering Room Extension w/ Sunroom Option - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 6-2.11	Second Floor Utility Plan / Optional Lighting Package / 2x6 Exterior Walls				
A3 HR2G 2FB.3	Heartland 2G / 2 Car Front Entry / Front Elevation, Porch Section and Details	A4 EXSR6L.1	Gathering Room Extension w/ Sunroom Option - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 6-2.20	Second Floor Utility Plan / Options / 2x6 Exterior Walls				
A3 HR2G 2FB.4	Heartland 2G / 2 Car Front Entry / Side and Rear Elevations, Roof Plan and Attic Ventilation Schedule	A4 EXSR6D.1	Gathering Room Extension w/ Sunroom Option - Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 6-2.21	Second Floor Utility Plan / Optional Lighting Package / 2x6 Exterior Walls				
****	All Elevation Follow The A3 Sheet Numbering Used For The Heartland 2G Elevations Above	A4 EXSR6W.1	Gathering Room Extension w/ Sunroom Option - Walkout Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	<b>FLOORING DRAWINGS</b>					
A4 D4.1	Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR4S.1	Gathering Room Extension w/ Sunroom Option - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.1	Finished Basement Flooring Plan / All Basement Walls				
A4 D4.13	Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR4L.1	Gathering Room Extension w/ Sunroom Option - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.2	Finished Basement Flooring Plan / Options / All Basement Walls				
A4 W4.1	Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR4L.13	Gathering Room Extension w/ Sunroom Option - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.3	Finished Basement Flooring Plan / Options / All Basement Walls				
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A4 D6.1	Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	A4 EXSR4D.13	Gathering Room Extension w/ Sunroom Option - Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 4-1.2	First 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	A4 EXSR4W.1	Gathering Room Extension w/ Sunroom Option - Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 4-1.3	First Floor Flooring Plan / Options / 2x4 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:  
01/31/2022  
CURRENT RELEASE DATE:  
03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022
△	REVISIONS
△	07/15/2022
△	REVISIONS
△	02/17/2023
△	REVISIONS
△	04/14/2023
△	REVISIONS
△	03/15/2024
△	PCR UPDATES

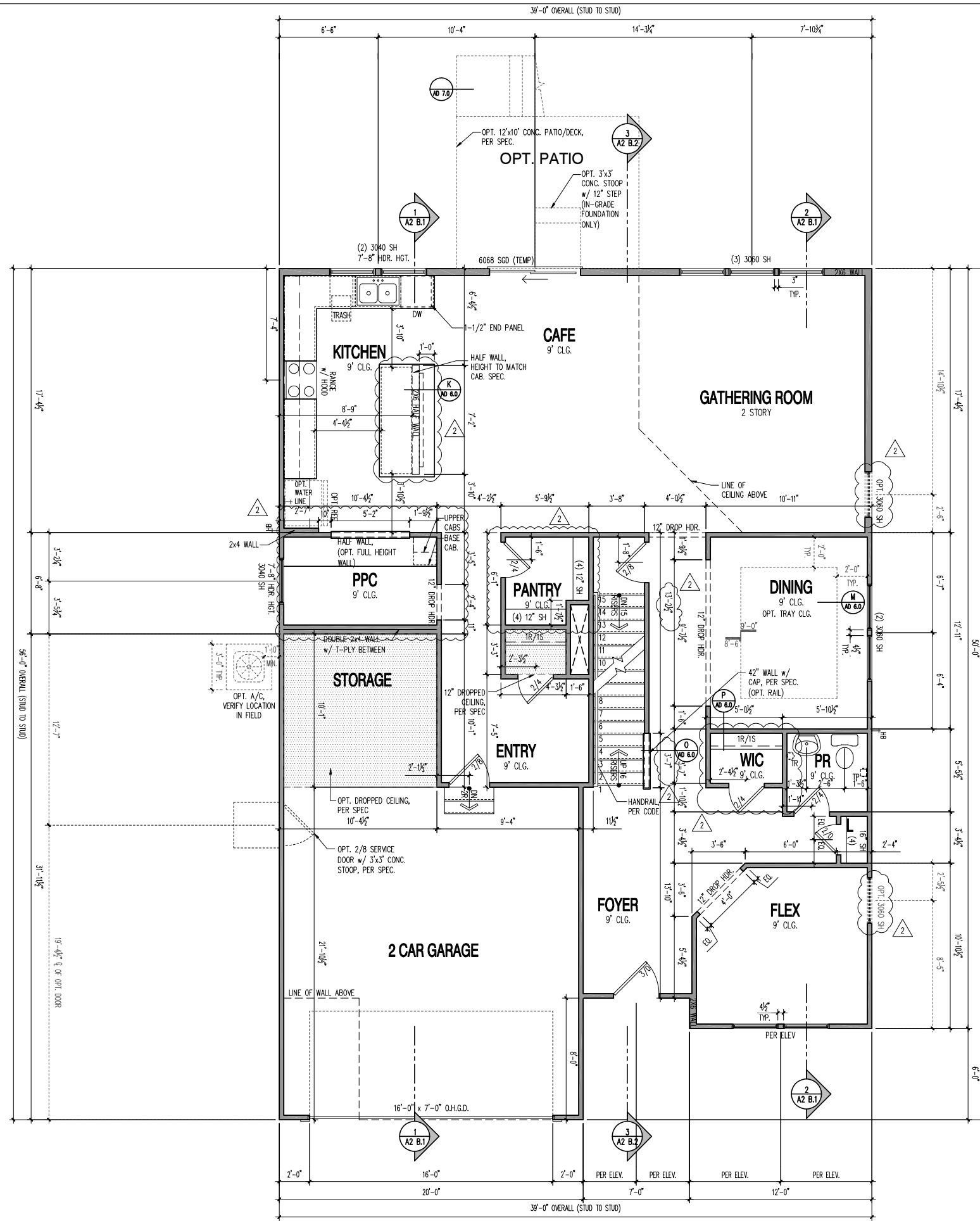
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PLAN NAME  
**WAVERLY**  
NPC PLAN NUMBER  
**1590.302**  
LAWSON PLAN ID

SHEET  
**CZ**  
**0.10**

PLOTTED: June 19, 2024 / Title L6 / 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"

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	85.8	26.8	37.8	—	—
PPC	56.32	4.5	8.5	2.3	3.4	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	85.8	29.3	37.8	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	123.4	33.9	65.8	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED	
FIRST FLOOR	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>

OPTIONS	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

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:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
1	04/04/2022 REVISIONS
2	07/15/2022 REVISIONS
3	02/17/2023 REVISIONS
4	04/14/2023 REVISIONS
5	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
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 LAWSON PLAN ID

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





PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
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REV #	DATE / DESCRIPTION
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 LAWSON PLAN ID

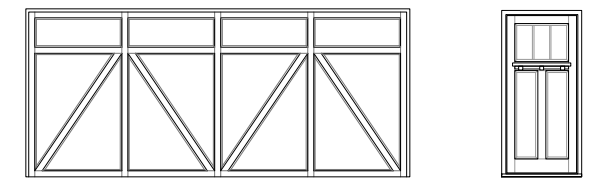
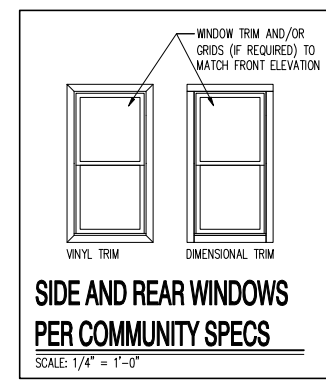
SHEET  
**A3-CR202**  
**2FB.1**

ATTIC VENT SCHEDULE			
CR202 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	2014		
TOTAL NET FREE VENTED AREA REQ.	967 IN <sup>2</sup>		
LOW - REQUIRED (**)	483 IN <sup>2</sup>		
LOW - ACTUAL w/ EAVE VENTS (**)	504 IN <sup>2</sup> 18 EAVE VENTS		
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	490 IN <sup>2</sup> 49 LINEAR FEET		
HIGH - REQUIRED (**)	483 IN <sup>2</sup>		
HIGH - ACTUAL w/ POT VENTS (***)	488 IN <sup>2</sup> 8 POTS		
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	486 IN <sup>2</sup> 27 LF		

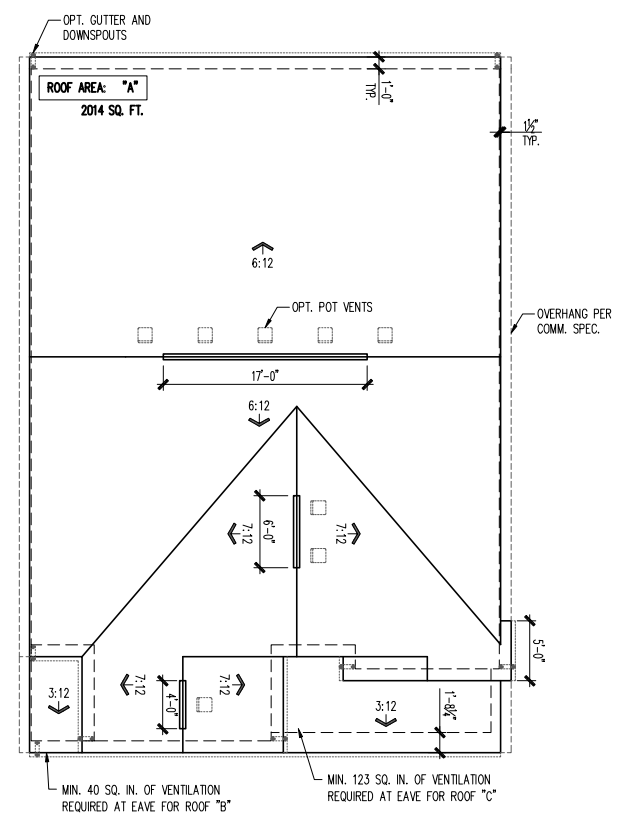
\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH)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



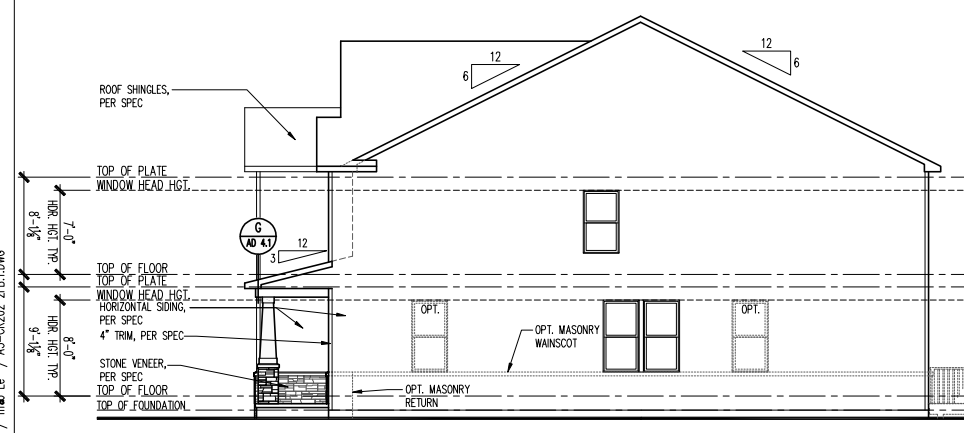
**UPGRADED DOOR OPTION**  
 SCALE: 1/4" = 1'-0"



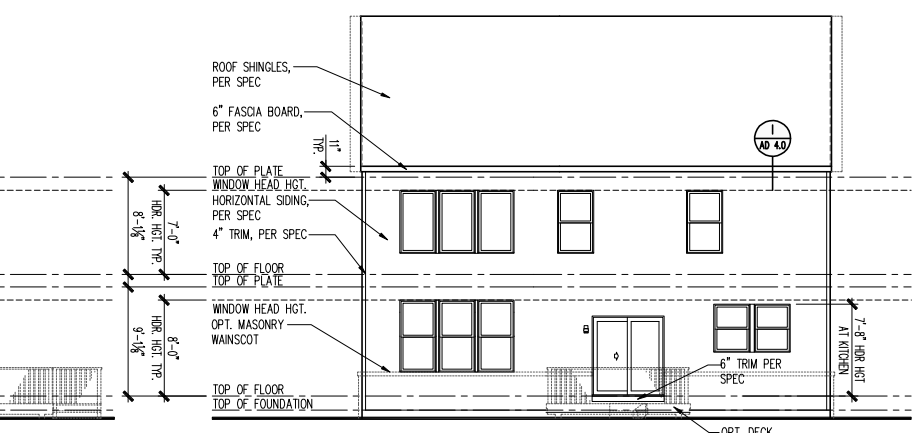
**ROOF PLAN**  
 SCALE: 1/8" = 1'-0"



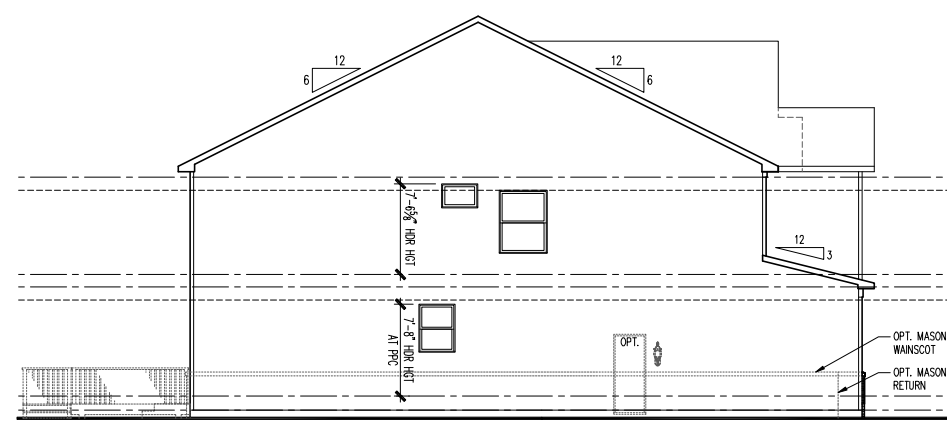
**FRONT ELEVATION - CR202**  
 SCALE: 1/4" = 1'-0"



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



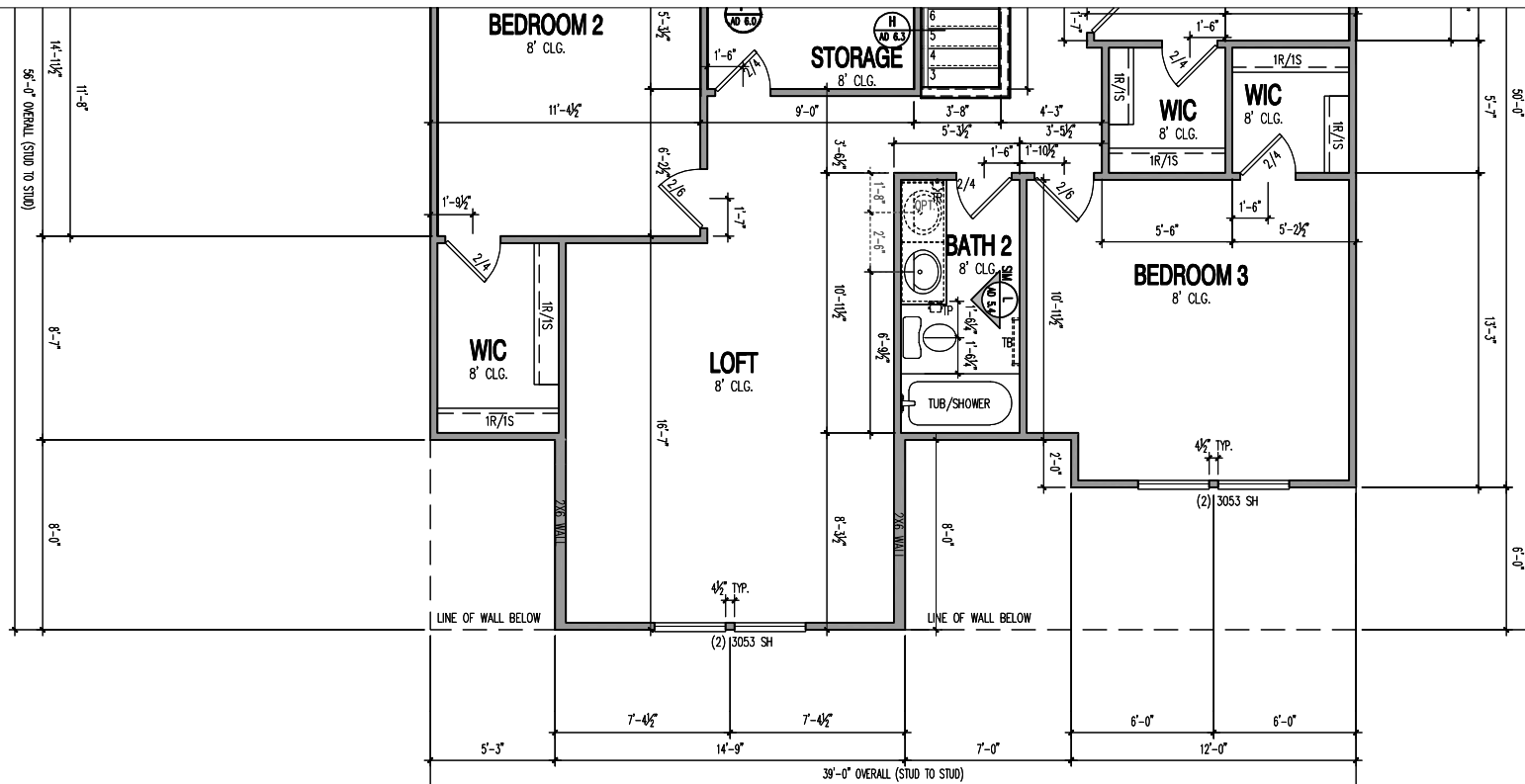
**REAR ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

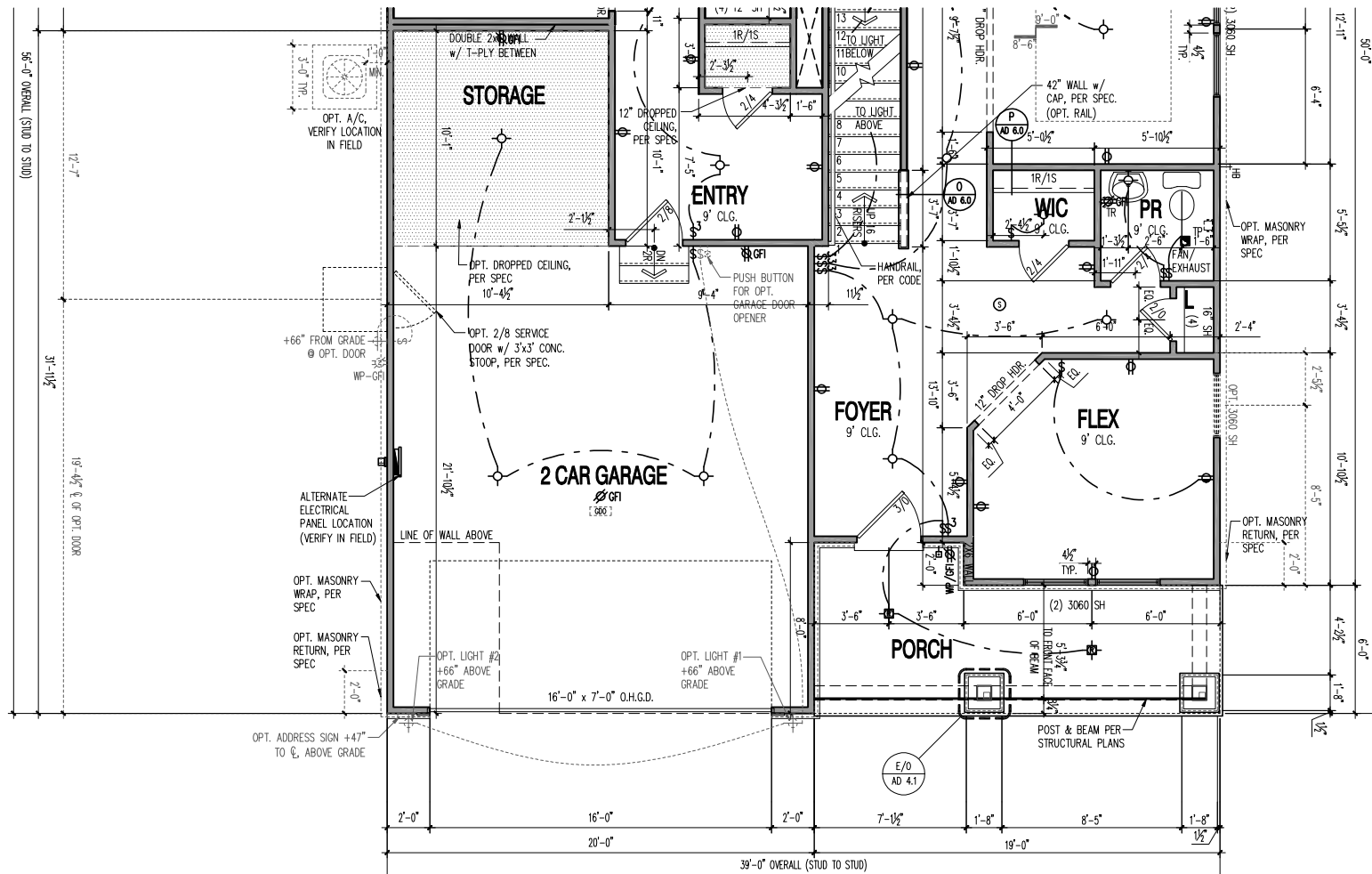
PLOTTED: June 13, 2024 / Title L&L / A3-CR202 2FB.DWG

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



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

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



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

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

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	72.1	26.8	31.9	—	—
PPC	56.32	4.5	5.2	2.3	2.1**	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	72.1	29.3	31.9	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	109.7	33.9	59.9	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED	
FIRST FLOOR	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>
BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>
OPTIONS	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

ELEVATION CR202	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1519
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	1771
<b>TOTAL ELEV. HEATED</b>	<b>3290</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	538
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1423
FRONT PORCH	128
<b>TOTAL ELEV. FOOTPRINT</b>	<b>2185</b>

LIGHT & VENT SCHEDULE		ELEVATION CR202					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—

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



**CR202**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

SHEET  
**A3-CR202**  
**2FB4.3**

REV #	DATE / DESCRIPTION
△	04/04/2022
△	REVISIONS
△	07/15/2022
△	REVISIONS
△	02/17/2023
△	REVISIONS
△	04/14/2023
△	REVISIONS
△	03/15/2024
△	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

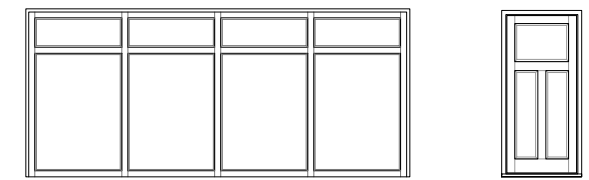
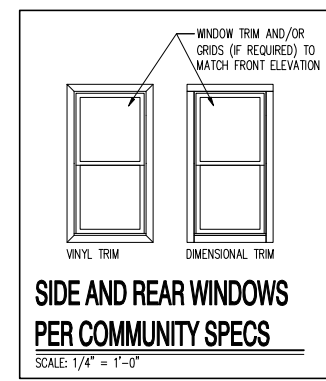
SHEET  
**A3-FH201**  
**2FB.1**

ATTIC VENT SCHEDULE				
FH201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'	
ATTIC AREA (SF)	2019			
TOTAL NET FREE VENTED AREA REQ.	969 IN <sup>2</sup>			
LOW - REQUIRED (**)	485 IN <sup>2</sup>			
LOW - ACTUAL w/ EAVE VENTS (**)	504 IN <sup>2</sup> 18 EAVE VENTS			
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	490 IN <sup>2</sup> 49 LINEAR FEET			
HIGH - REQUIRED (**)	485 IN <sup>2</sup>			
HIGH - ACTUAL w/ POT VENTS (***)	488 IN <sup>2</sup> 8 POTS			
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	486 IN <sup>2</sup> 27 LF			

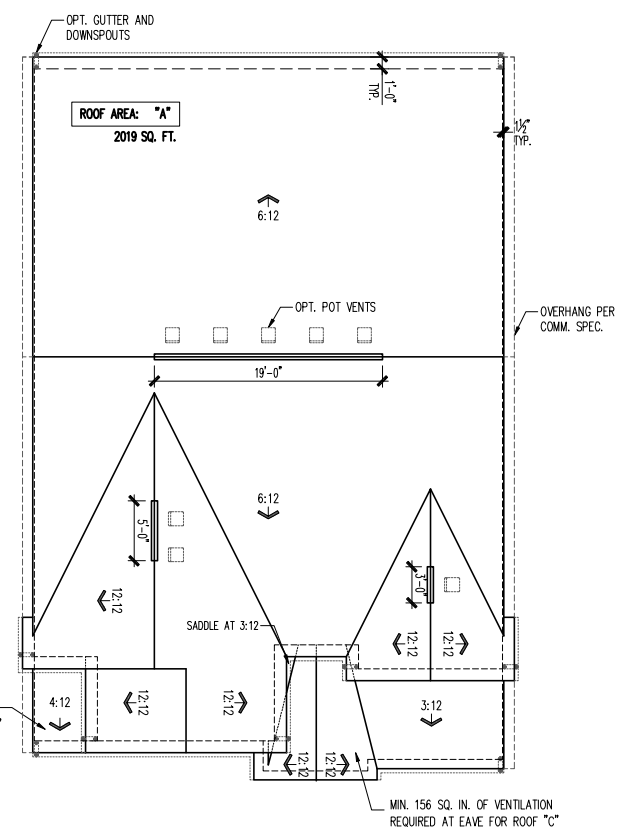
\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH)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



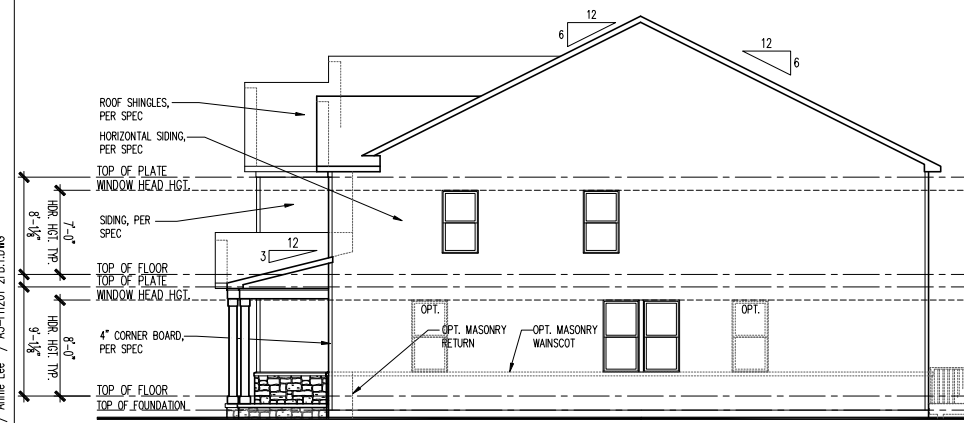
**UPGRADED DOOR OPTION**  
 SCALE: 1/4" = 1'-0"



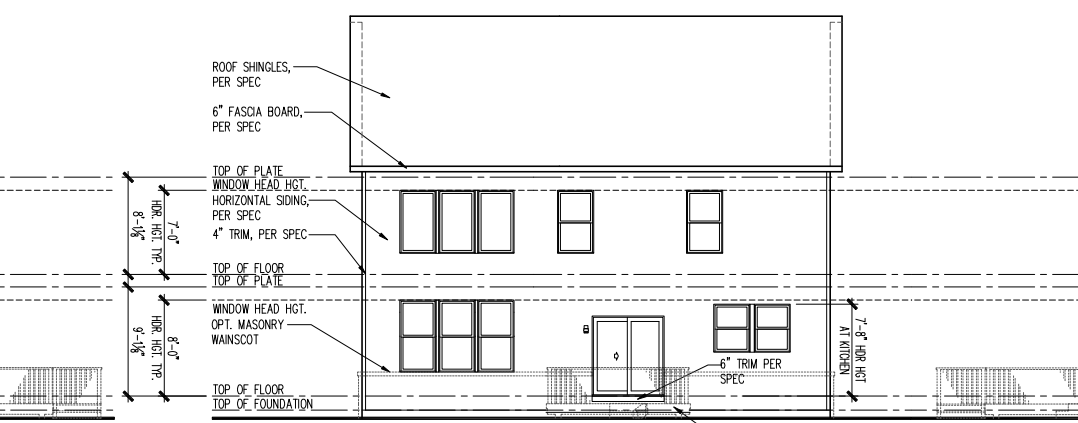
**ROOF PLAN**  
 SCALE: 1/8" = 1'-0"



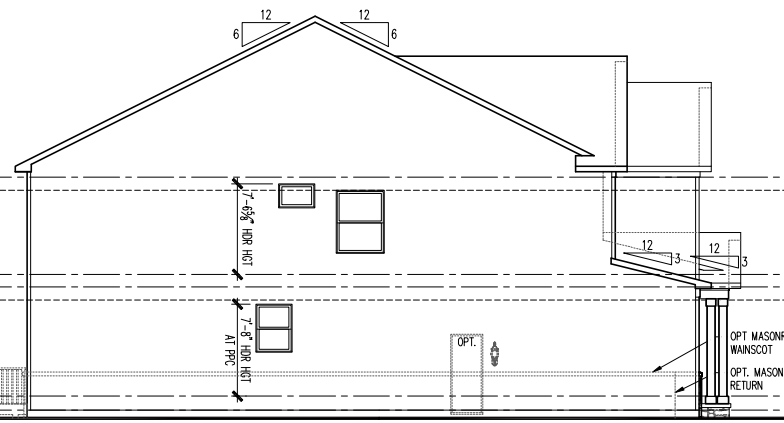
**FRONT ELEVATION - FH201**  
 SCALE: 1/4" = 1'-0"



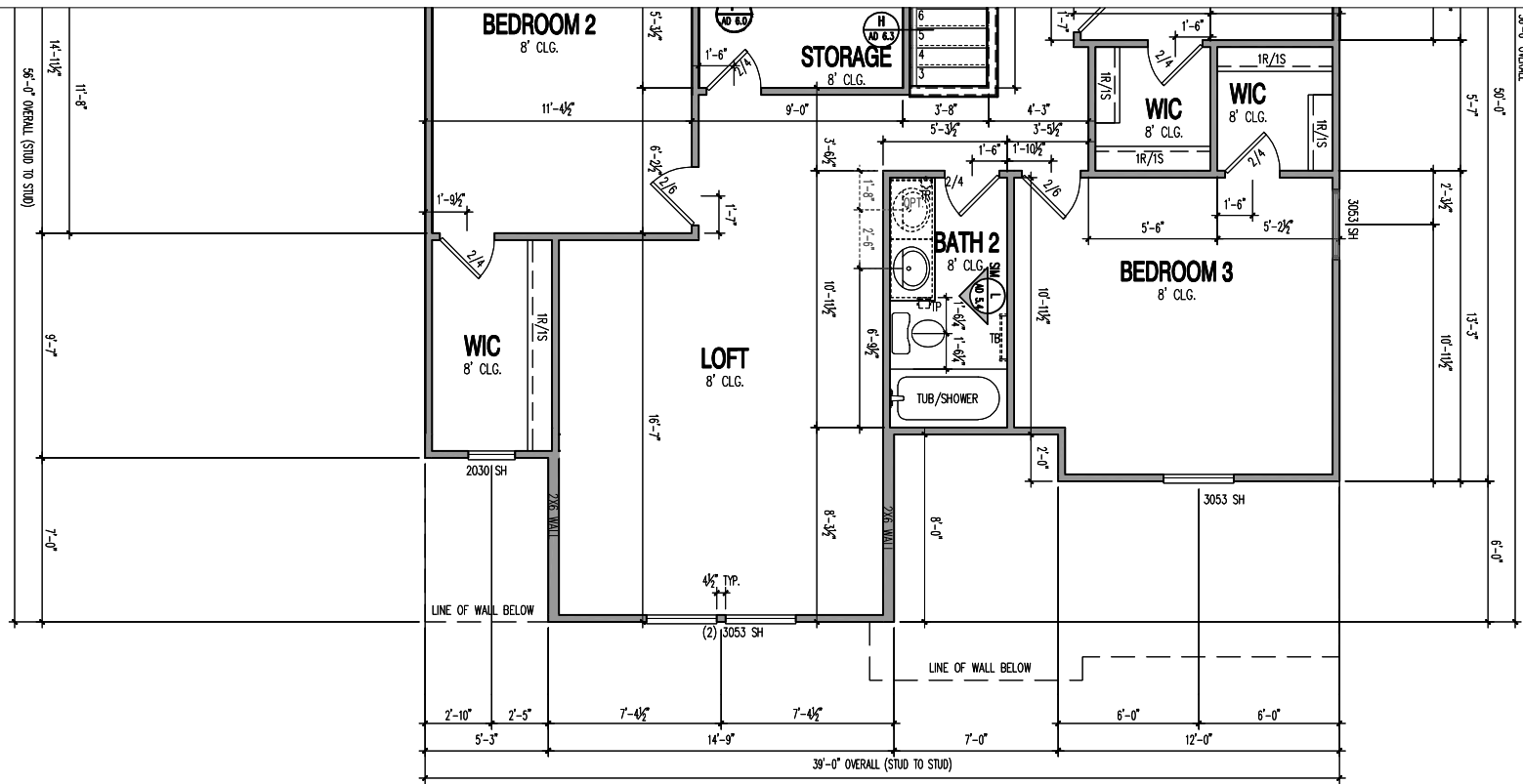
**RIGHT ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

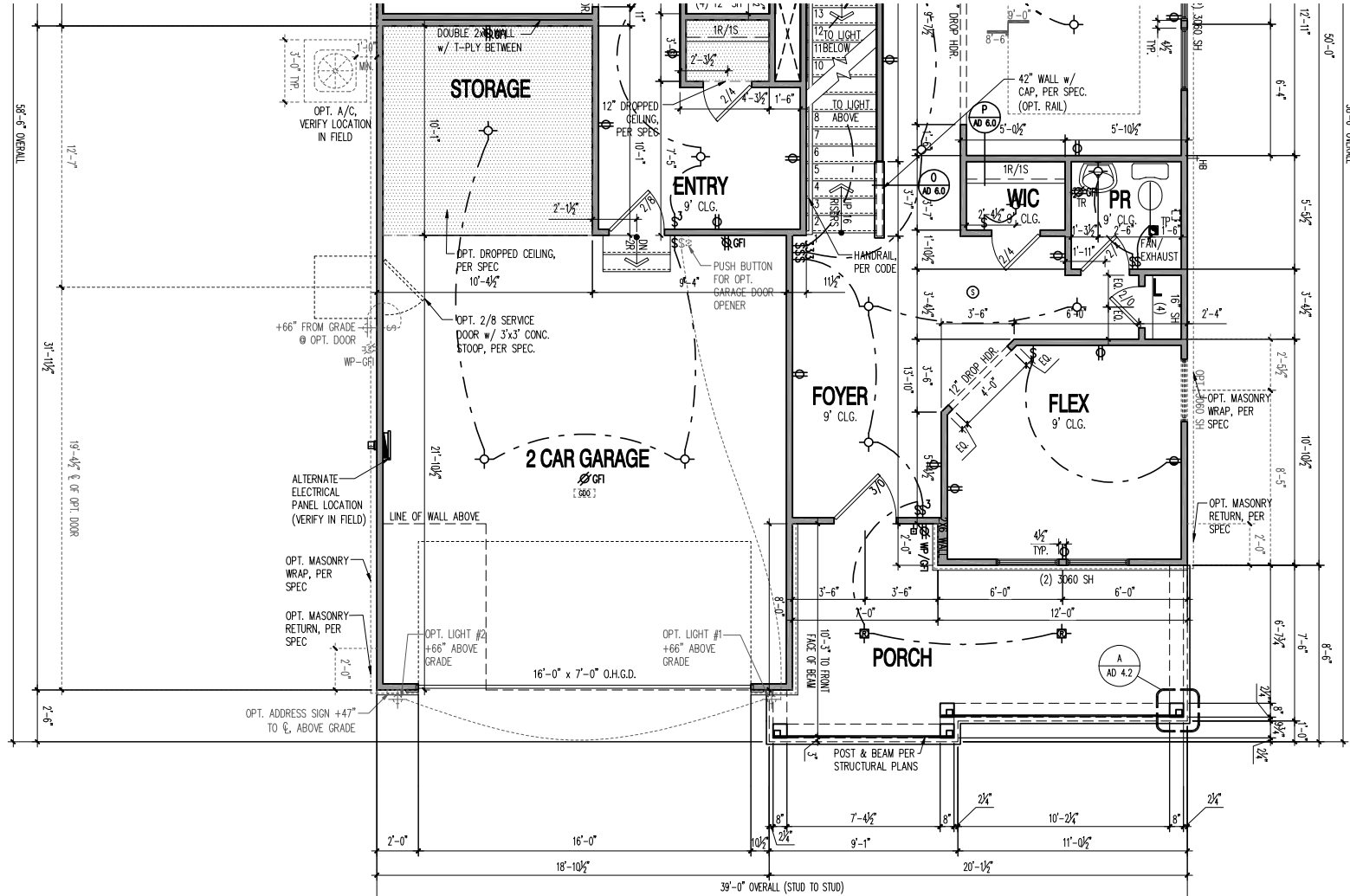


**LEFT ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

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



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

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

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	85.8	26.8	37.8	—	—
PPC	56.32	4.5	8.5	2.3	3.4	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	85.8	29.3	37.8	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	123.4	33.9	65.8	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED	
FIRST FLOOR	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>

OPTIONS	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

ELEVATION FH201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1519
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	1771
<b>TOTAL ELEV. HEATED</b>	<b>3290</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	538
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1423
FRONT PORCH	167
<b>TOTAL ELEV. FOOTPRINT</b>	<b>2224</b>

LIGHT & VENT SCHEDULE ELEVATION FH201							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—

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 Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

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



PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

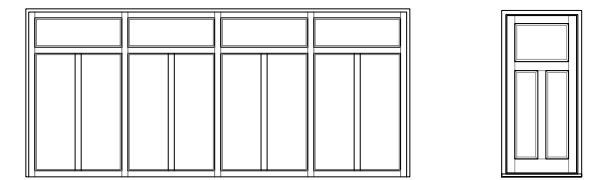
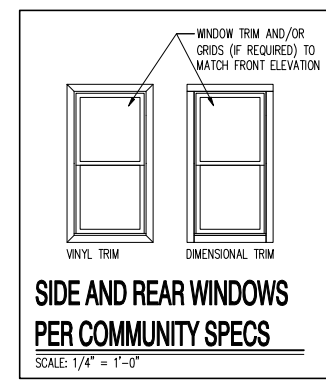
SHEET  
**A3-HR201**  
**2FB.1**

ATTIC VENT SCHEDULE				
HR201 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'	
ATTIC AREA (SF)	2019			
TOTAL NET FREE VENTED AREA REQ.	969 IN <sup>2</sup>			
LOW - REQUIRED (**)	485 IN <sup>2</sup>			
LOW - ACTUAL w/ EAVE VENTS (**)	504 IN <sup>2</sup> 18 EAVE VENTS			
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	490 IN <sup>2</sup> 49 LINEAR FEET			
HIGH - REQUIRED (**)	485 IN <sup>2</sup>			
HIGH - ACTUAL w/ POT VENTS (***)	488 IN <sup>2</sup> 8 POTS			
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	486 IN <sup>2</sup> 27 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

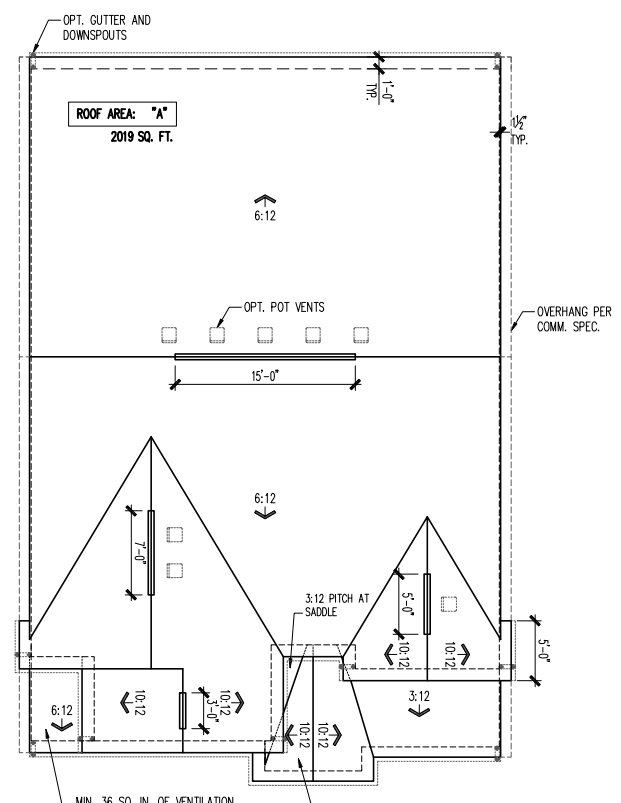
\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
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 HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT



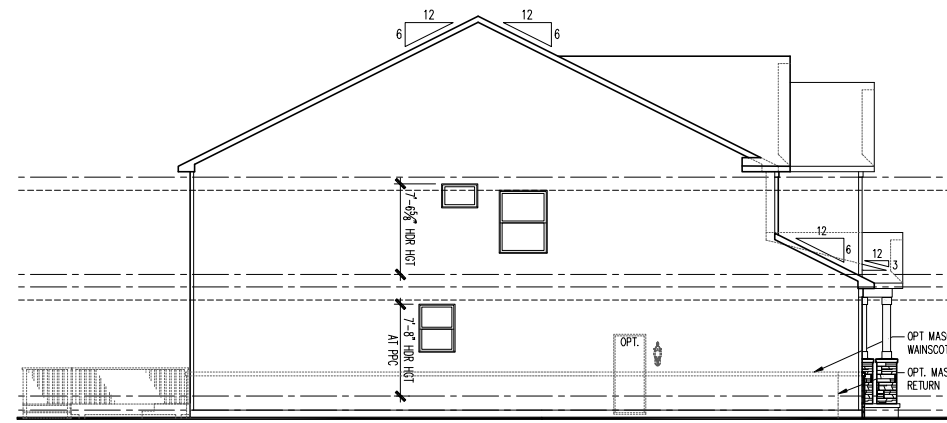
**UPGRADED DOOR OPTION**  
 SCALE: 1/4" = 1'-0"



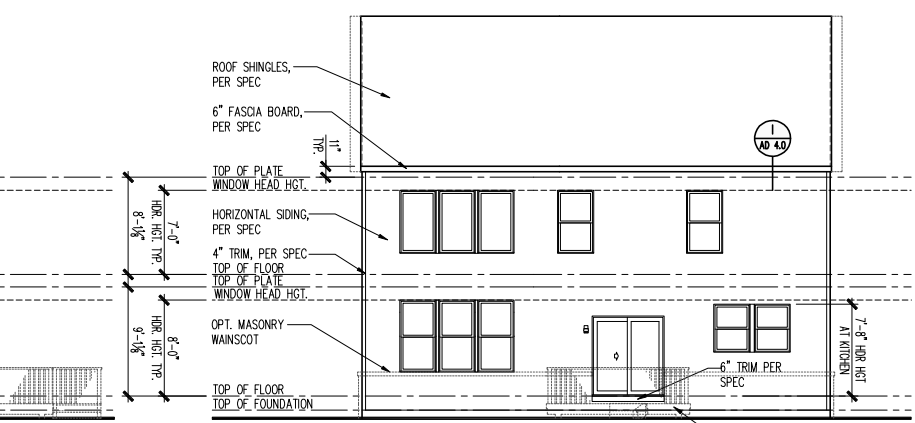
**FRONT ELEVATION - HR201**  
 SCALE: 1/4" = 1'-0"



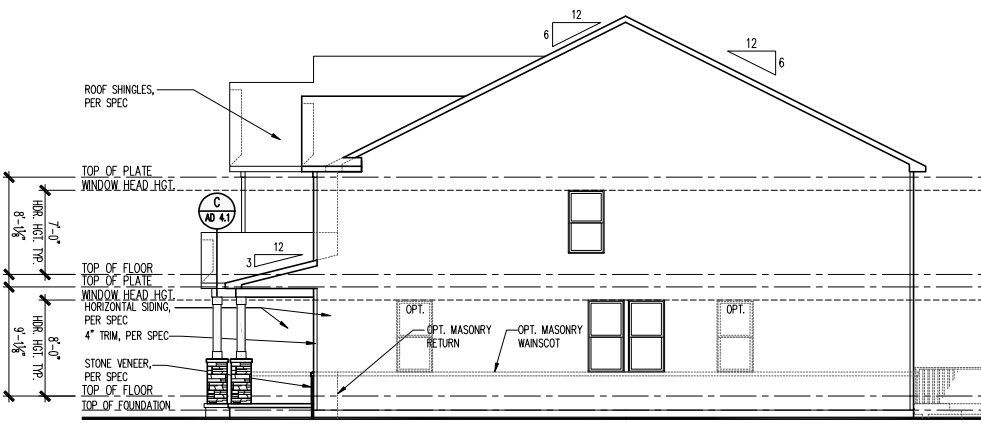
**ROOF PLAN**  
 SCALE: 1/8" = 1'-0"



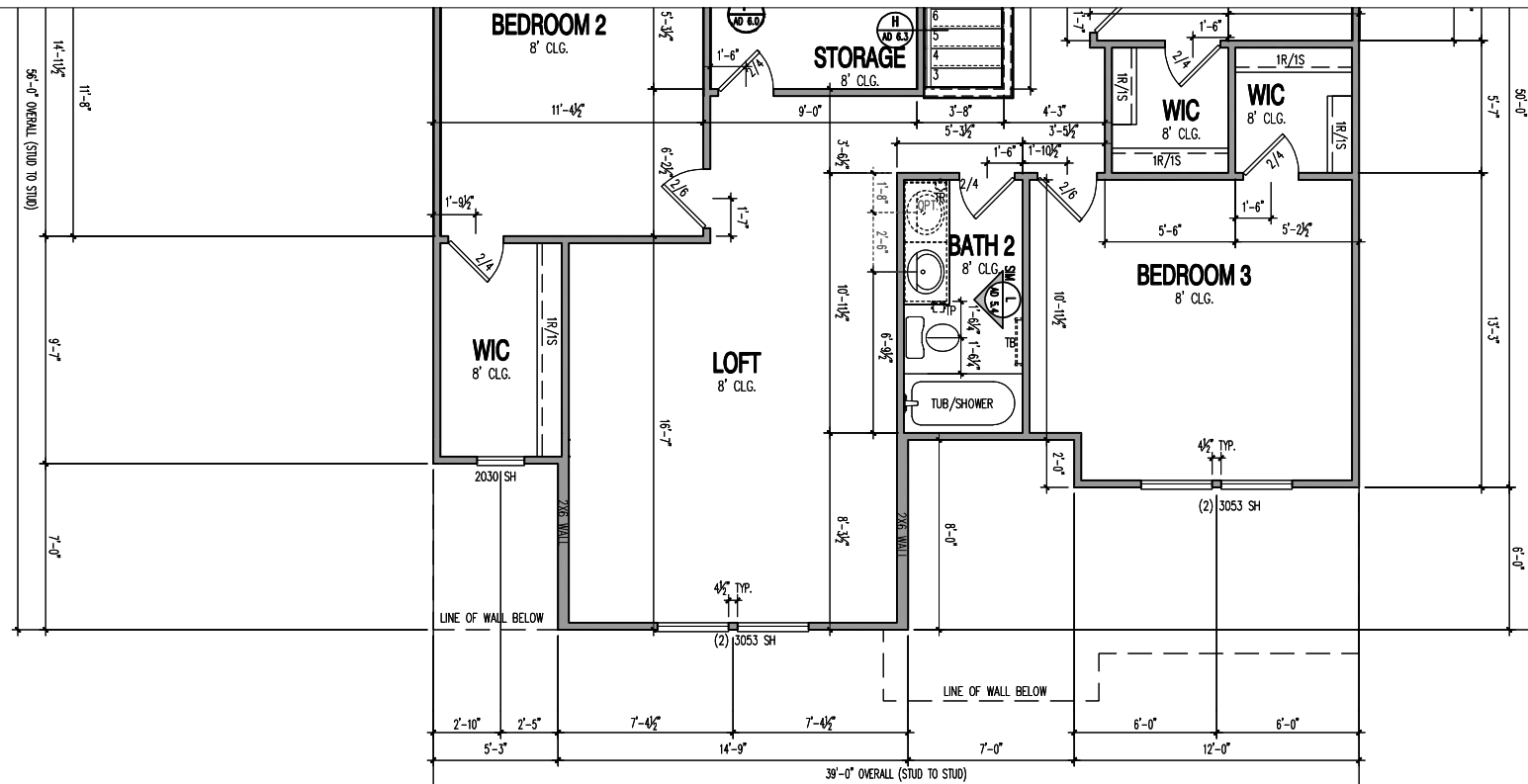
**LEFT ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

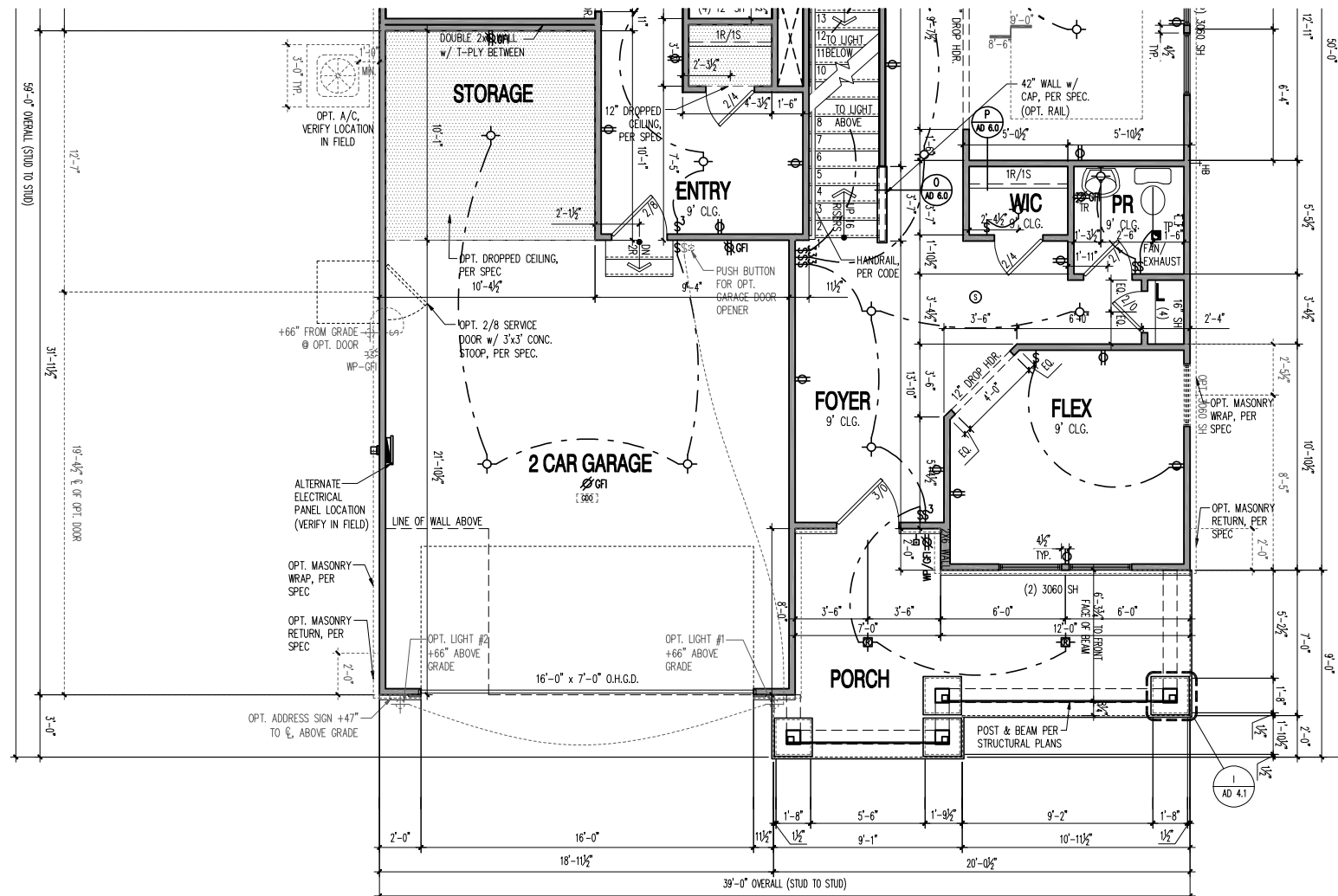


**RIGHT ELEVATION**  
 SCALE: 1/8" = 1'-0"



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

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



**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	670.18	53.6	72.1	26.8	31.9	—	—
PPC	56.32	4.5	5.2	2.3	2.1**	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	72.1	29.3	31.9	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	109.7	33.9	59.9	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>
<b>OPTIONS</b>	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

ELEVATION HR201	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1519
ADDITIONAL 2ND FLOOR - HEATED	5
TOTAL 2ND FLOOR	1776
<b>TOTAL ELEV. HEATED</b>	<b>3295</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	538
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1423
FRONT PORCH	166
<b>TOTAL ELEV. FOOTPRINT</b>	<b>2223</b>

LIGHT & VENT SCHEDULE ELEVATION HR201							
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	106.66	8.5	27.4	4.3	11.8	—	—
BEDROOM 3	163.04	13.0	23.4	6.5	11.8	—	—
LOFT	267.92	21.4	23.4	10.7	11.8	—	—

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:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

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

PLOTTED: February 20, 2025 / Scan: Leloney / A3-HR203 2FB.1.DWG  
 NOTE: SCALES NOTED ON DRAWINGS RELATE TO FULL SIZE PLOTS ON 22x34" SHEETS - 11x17 SHEETS REPRESENT 1/2 SCALE PLOTS  
 (c) Copyright Pulte Home Corporation - 2024

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

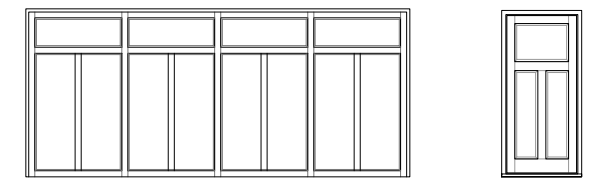


**HR203**  
 2 Car Front Entry  
 Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

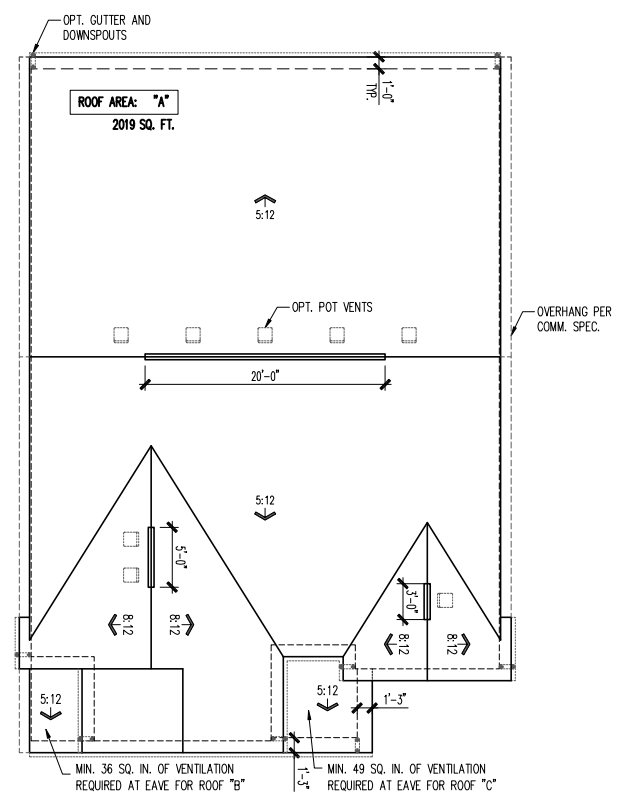
PRODUCTION MANAGER Rick Storkey	
INITIAL RELEASE DATE: 01/31/2022	
CURRENT RELEASE DATE: 03/15/2024	
REV #	DATE / DESCRIPTION
△	04/04/2022
△	REVISIONS
△	07/15/2022
△	REVISIONS
△	02/17/2023
△	REVISIONS
△	04/14/2023
△	REVISIONS
△	03/15/2024
△	PCR UPDATES
GARAGE HANDING <b>GARAGE LEFT</b>	
PLAN NAME <b>WAVERLY</b>	
NPC PLAN NUMBER <b>1590.302</b>	
LAWSON PLAN ID	
SHEET <b>A3-HR203</b>	
<b>2FB.1</b>	

ATTIC VENT SCHEDULE			
HR203 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	2019		
TOTAL NET FREE VENTED AREA REQ.	969 IN <sup>2</sup>		
LOW - REQUIRED (**)	485 IN <sup>2</sup>		
LOW - ACTUAL w/ EAVE VENTS (**)	504 IN <sup>2</sup> 18 EAVE VENTS		
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	490 IN <sup>2</sup> 49 LINEAR FEET		
HIGH - REQUIRED (**)	485 IN <sup>2</sup>		
HIGH - ACTUAL w/ POT VENTS (***)	488 IN <sup>2</sup> 8 POTS		
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	486 IN <sup>2</sup> 27 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



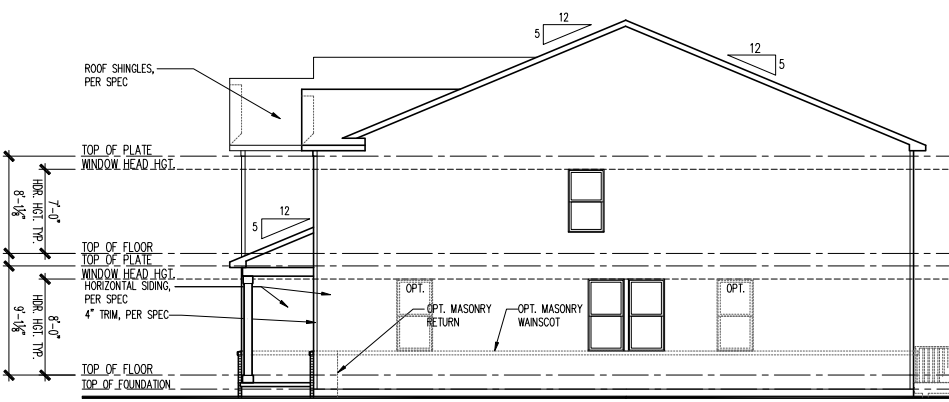
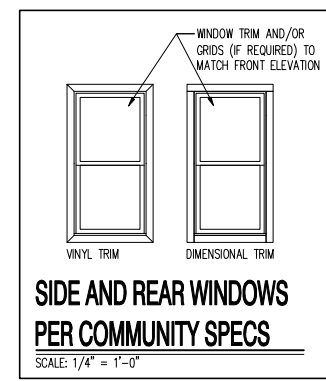
**UPGRADED DOOR OPTION**  
SCALE: 1/4" = 1'-0"



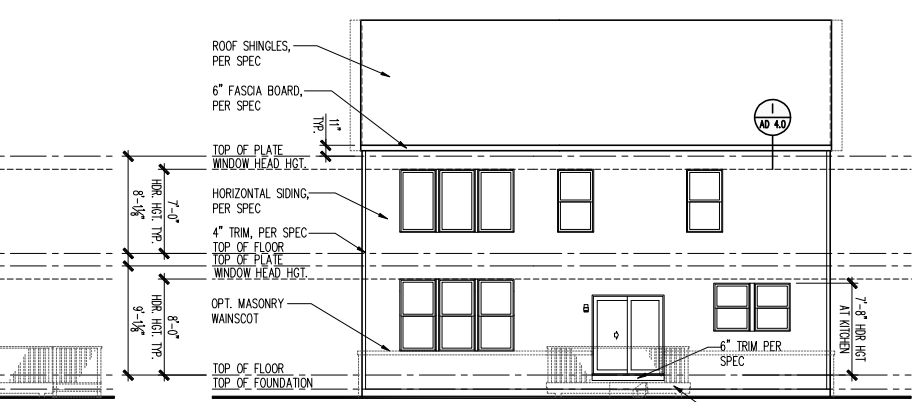
**ROOF PLAN**  
SCALE: 1/8" = 1'-0"



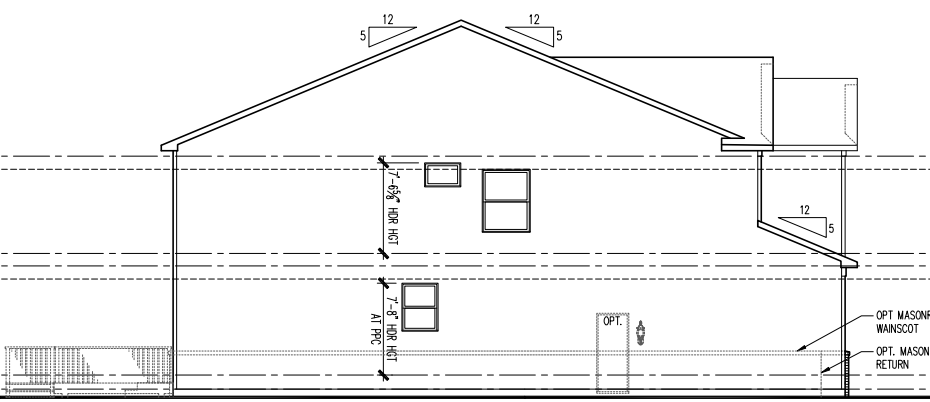
**FRONT ELEVATION - HR203**  
SCALE: 1/4" = 1'-0"



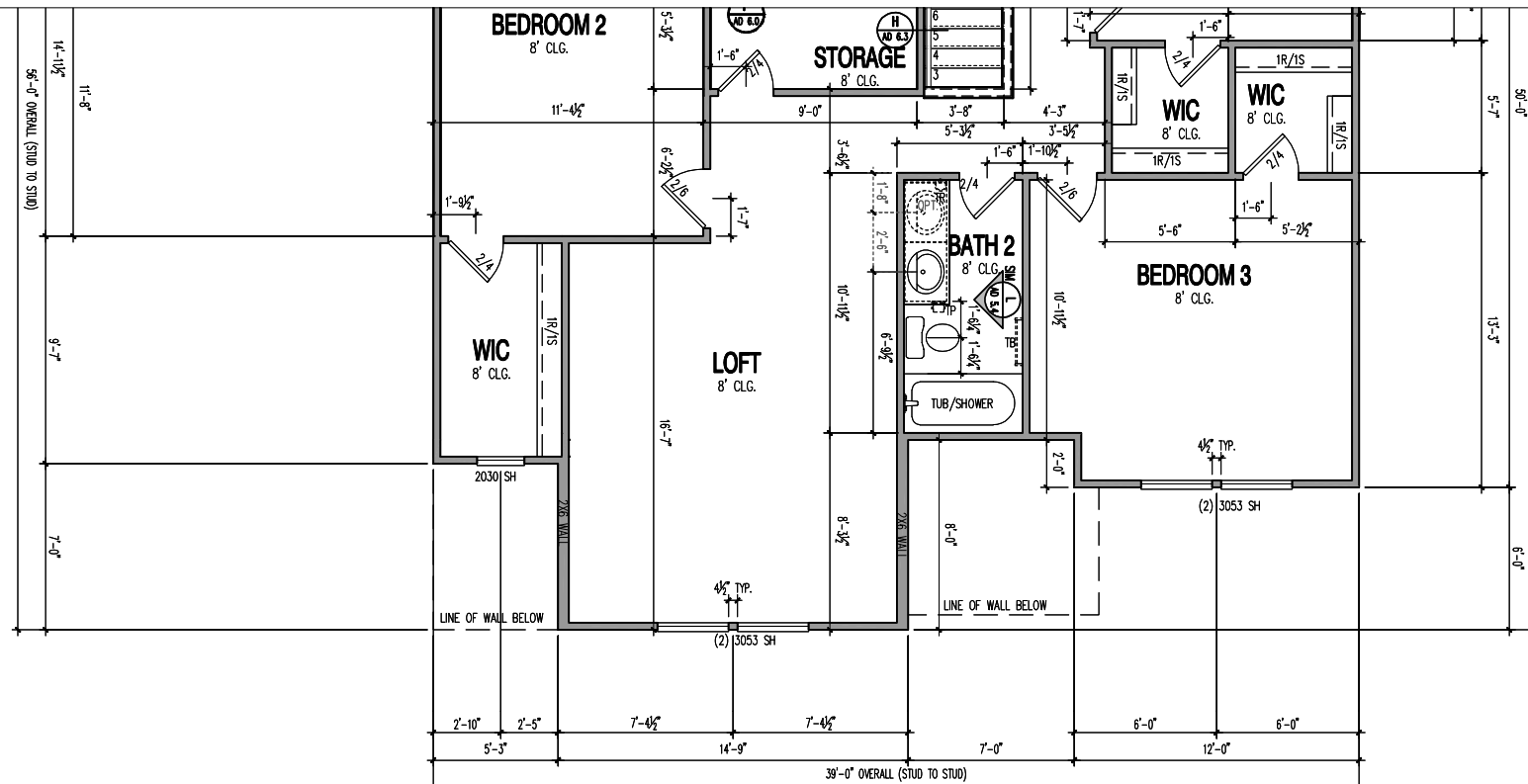
**RIGHT ELEVATION**  
SCALE: 1/8" = 1'-0"



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

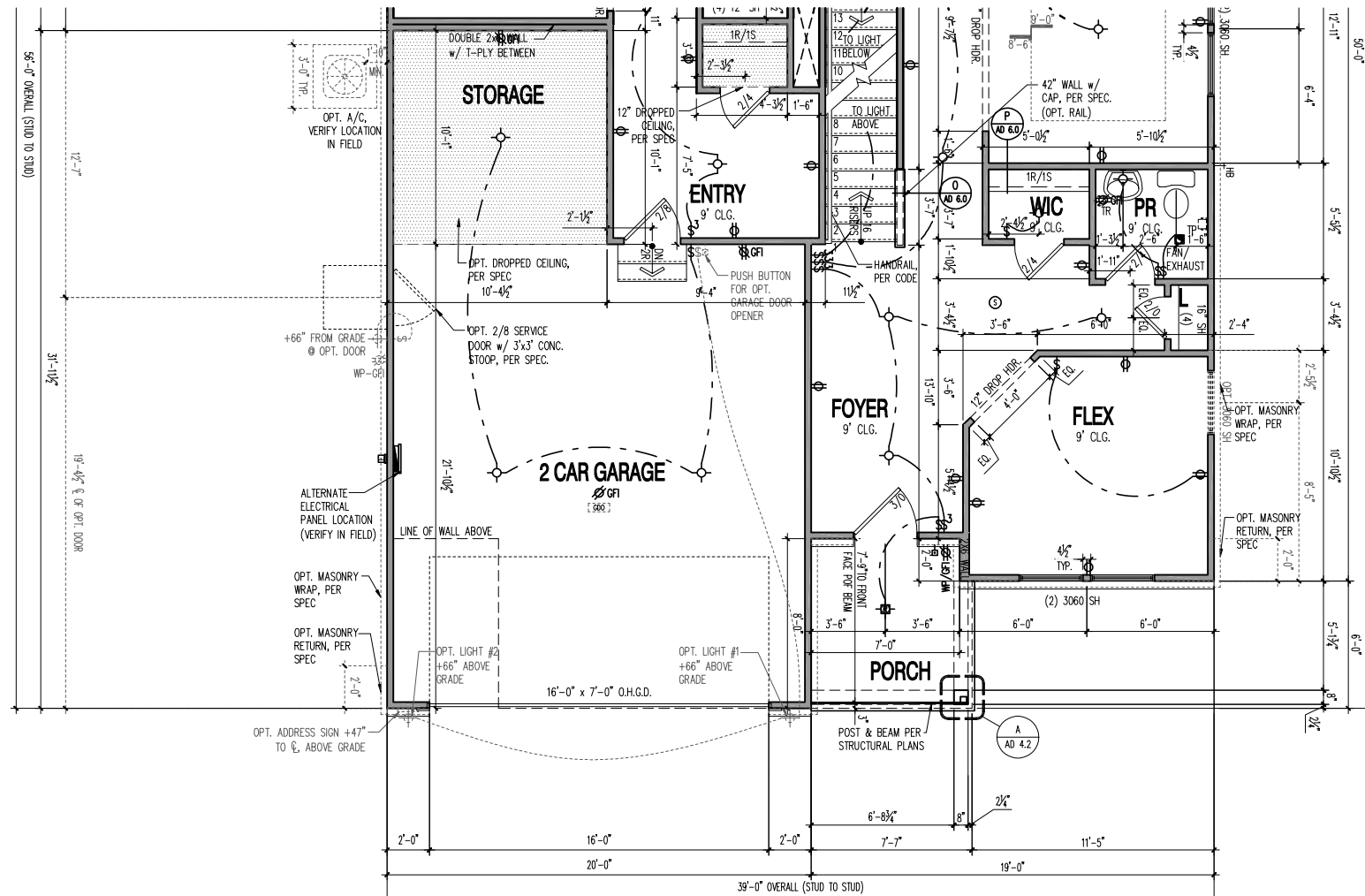


**LEFT ELEVATION**  
SCALE: 1/8" = 1'-0"



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

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



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

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

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	72.1	26.8	31.9	—	—
PPC	56.32	4.5	5.2	2.3	2.1**	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	72.1	29.3	31.9	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	109.7	33.9	59.9	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED		
FIRST FLOOR		1519
SECOND FLOOR		1771
<b>TOTAL BASE HEATED</b>		<b>3290</b>
BASE HOUSE - UNDER ROOF		
GARAGE - 2 CAR FRONT ENTRY		538
BASEMENT		1423
<b>TOTAL BASE UNDER ROOF</b>		<b>2057</b>
OPTIONS		
SUNROOM		110
GATHERING ROOM EXTENSION		63
SUNROOM w/ GATHERING ROOM EXTENSION		181
GARAGE - 3 CAR FRONT ENTRY		758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION		618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION		838

ELEVATION HR203		
ADDITIONAL 1ST FLOOR - HEATED		0
TOTAL 1ST FLOOR		1519
ADDITIONAL 2ND FLOOR - HEATED		0
TOTAL 2ND FLOOR		1771
<b>TOTAL ELEV. HEATED</b>		<b>3290</b>
ADDITIONAL GARAGE - 2 CAR FRONT		0
TOTAL GARAGE		538
ADDITIONAL BASEMENT		0
TOTAL BASEMENT		1423
FRONT PORCH		59
<b>TOTAL ELEV. FOOTPRINT</b>		<b>2116</b>

LIGHT & VENT SCHEDULE		ELEVATION HR203					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
LOFT	207.22	16.6	23.4	8.3	11.8	—	—

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



**HR203**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

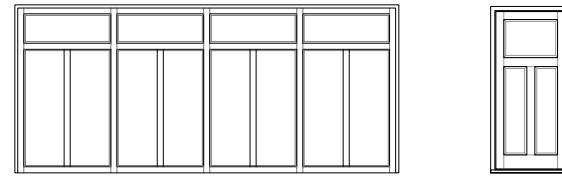
PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

SHEET  
**A3-HR203**  
**2FB4.3**



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

ATTIC VENT SCHEDULE			
HR205 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	2019		
TOTAL NET FREE VENTED AREA REQ.	969 IN <sup>2</sup>		
LOW - REQUIRED (*)	485 IN <sup>2</sup>		
LOW - ACTUAL w/ EAVE VENTS (**)	504 IN <sup>2</sup> 18 EAVE VENTS		
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	490 IN <sup>2</sup> 49 LINEAR FEET		
HIGH - REQUIRED (*)	485 IN <sup>2</sup>		
HIGH - ACTUAL w/ POT VENTS (***)	488 IN <sup>2</sup> 8 EAVE VENTS		
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	486 IN <sup>2</sup> 27 LINEAR FEET		

\* 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



**HR205**  
**2 Car Front Entry**  
Front, Side, and Rear Elevations, Roof Plan and Ventilation Schedule

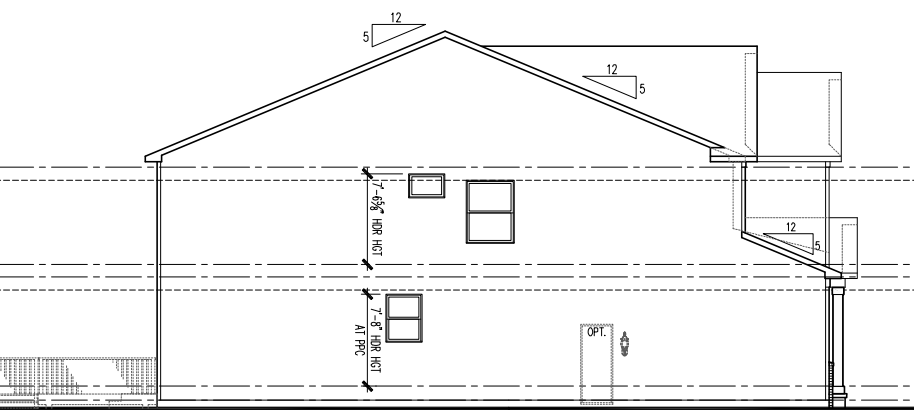
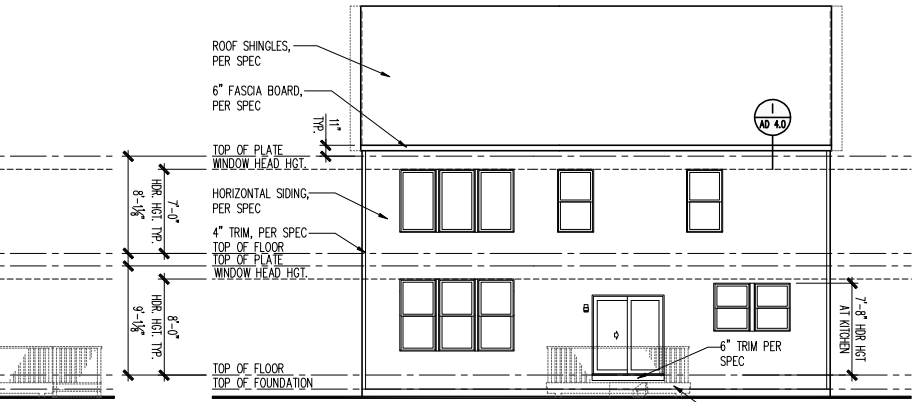
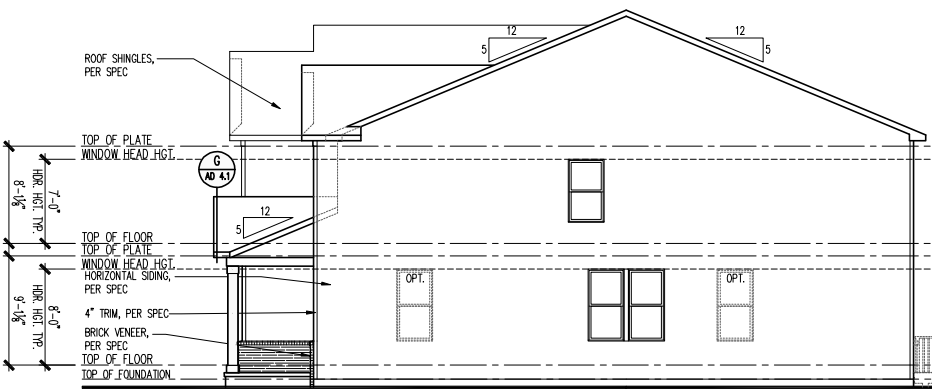
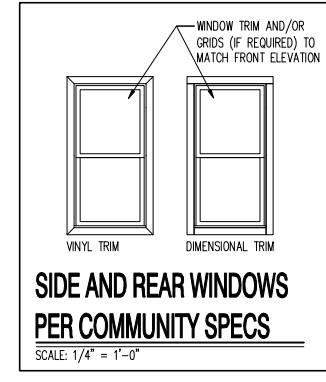
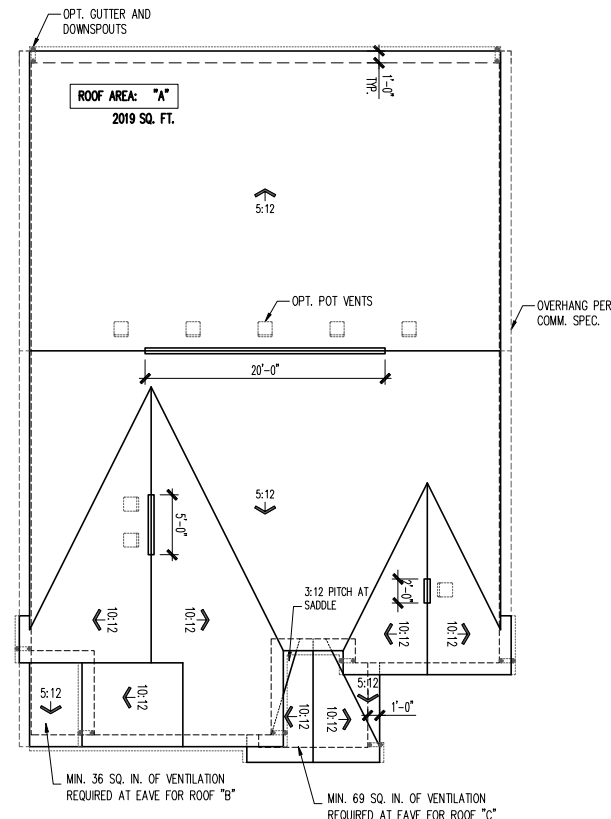
PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
01/31/2022  
CURRENT RELEASE DATE:  
03/15/2024

REV #	DATE / DESCRIPTION
1	04/04/2022
2	07/15/2022
3	02/17/2023
4	04/14/2023
5	03/15/2024
6	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

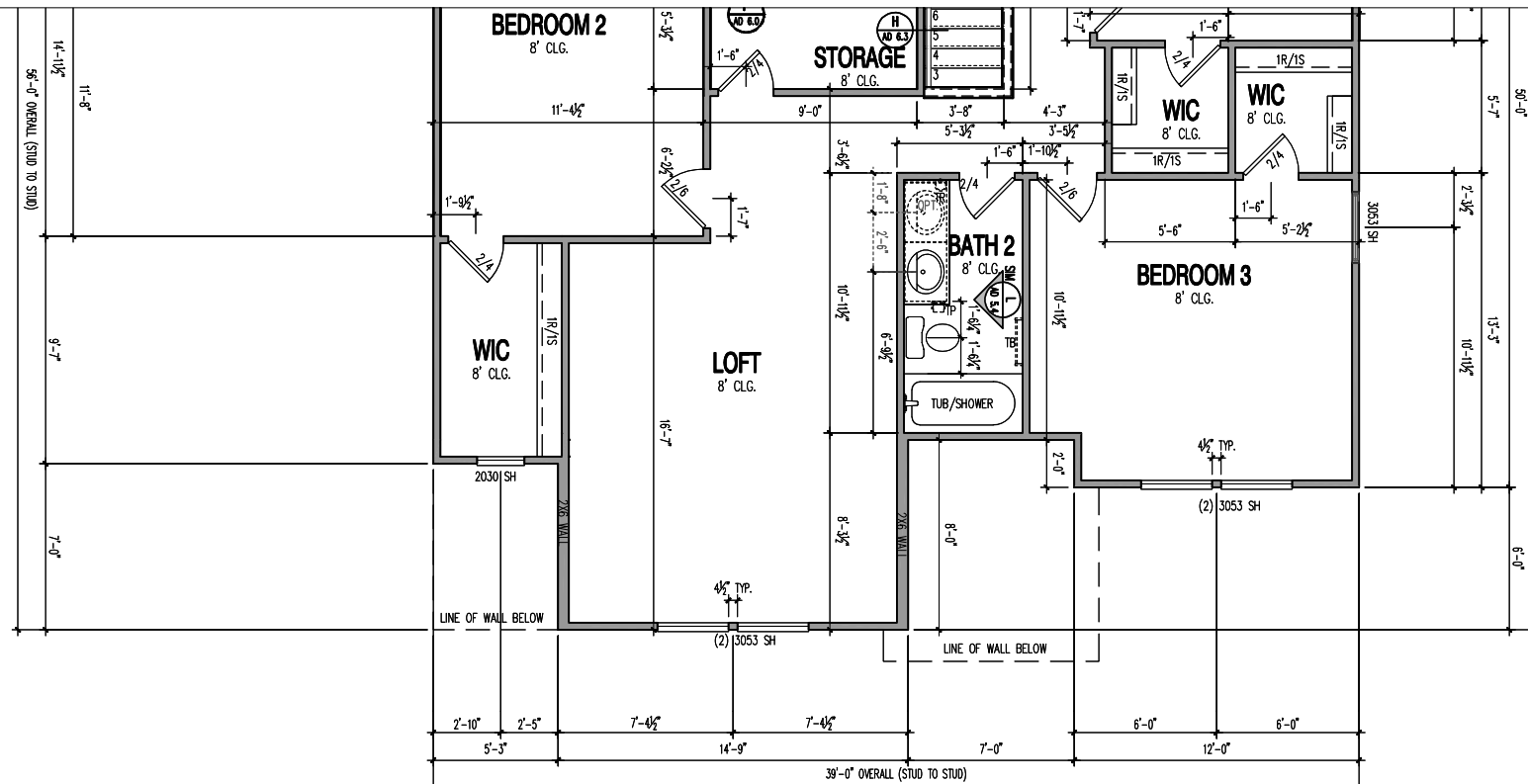
PLAN NAME  
**WAVERLY**  
NPC PLAN NUMBER  
**1590.302**  
LAWSON PLAN ID

SHEET  
**A3-HR205**  
**2FB.1**



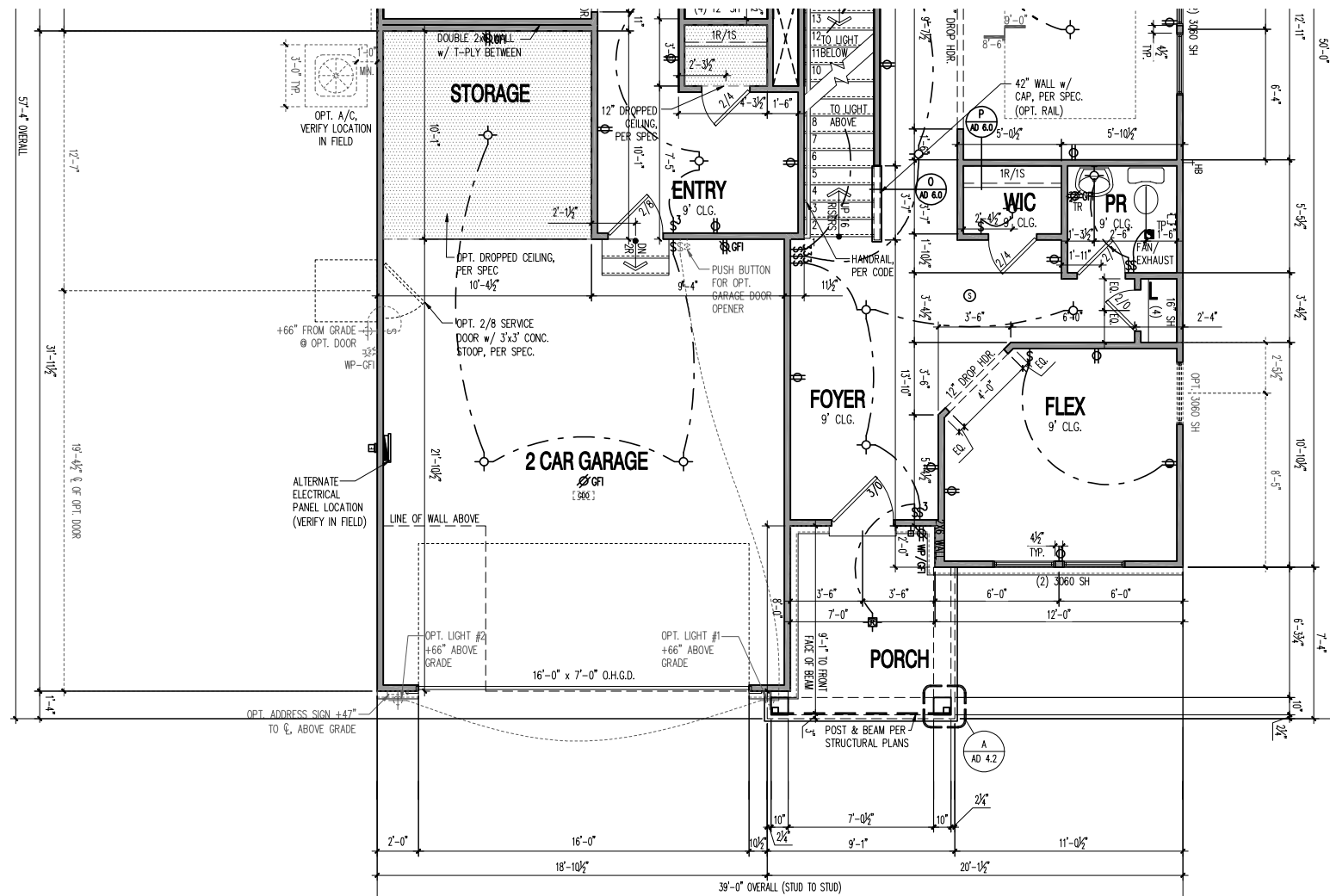
PLOTTED: February 20, 2025 / Scan: Leloney / A3-HR205 2FB.1.DWG

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



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

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



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

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

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	85.8	26.8	37.8	—	—
PPC	56.32	4.5	8.5	2.3	3.4	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	85.8	29.3	37.8	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	123.4	33.9	65.8	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED	
FIRST FLOOR	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>

OPTIONS	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

ELEVATION HR205	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1519
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	1771
<b>TOTAL ELEV. HEATED</b>	<b>3290</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	538
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1423
FRONT PORCH	74
<b>TOTAL ELEV. FOOTPRINT</b>	<b>2131</b>

LIGHT & VENT SCHEDULE		ELEVATION HR205					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—

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



**HR205**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

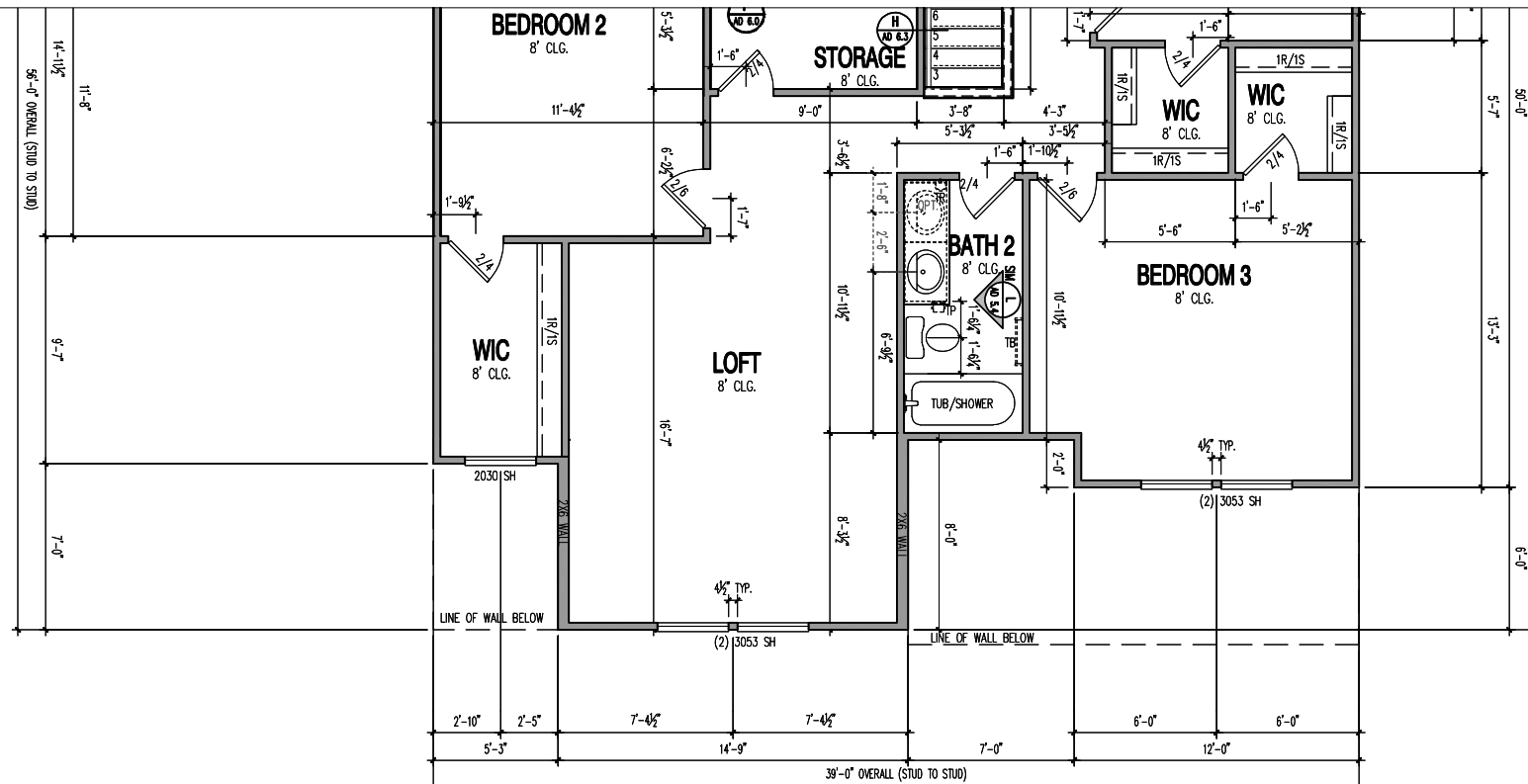
REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

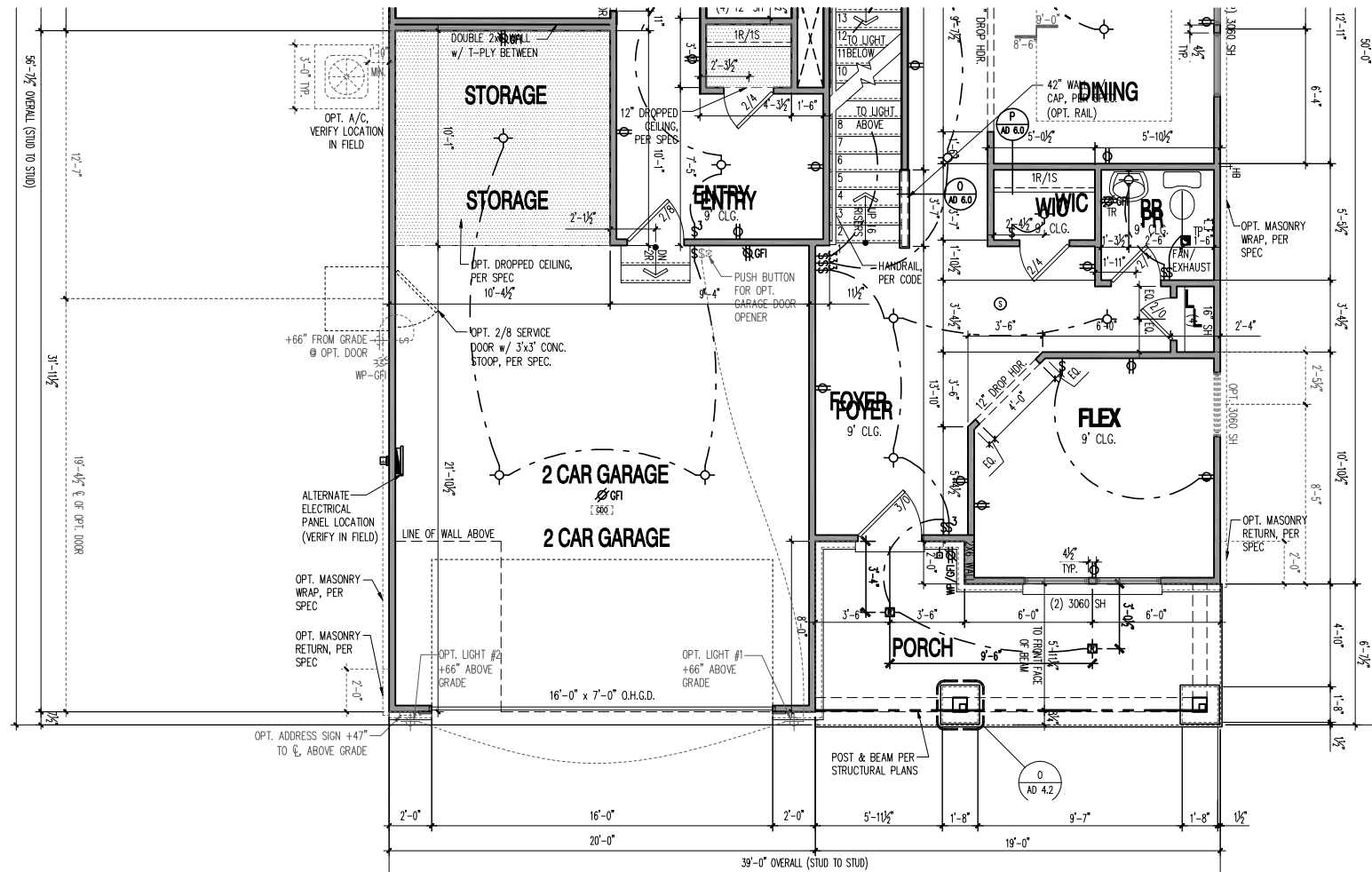
SHEET  
**A3-HR205**  
**2FB4.3**





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

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



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

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

ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING	670.18	53.6	85.8	26.8	37.8	—	—
PPC	56.32	4.5	8.5	2.3	3.4	—	—
DINING ROOM	130.46	10.4	27.4	5.2	11.8	—	—
POWDER RM	27.34	2.2	*	1.1	**	32.0	40
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BED 6 OPT.	114.89	9.2	27.4	4.6	11.8	—	—
BATH 6 OPT.	39.79	3.2	*	1.6	**	46.6	60
O. SUITE	218.94	17.5	23.4	8.8	11.8	—	—
BEDROOM 2	162.56	13.0	16.3	6.5	6.9	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
BEDROOM 4	145.13	11.6	11.7	5.8	5.9	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—
LAUNDRY	51.35	4.1	*	2.1	**	60.1	80
BED 5 OPT.	174.41	14.0	23.4	7.0	11.8	—	—
SUPER LAUNDRY OPT.	98.86	7.9	*	4.0	**	115.7	120
BATH 3 OPT.	43.54	3.5	*	1.7	**	50.9	60
SUNROOM OPT.	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATH EXT. OPT.	732.16	58.6	85.8	29.3	37.8	—	—
KITCHEN / CAFE / GATH EXT/SUNROOM	847.12	67.8	123.4	33.9	65.8	—	—
BEDROOM 7	130.34	10.4	12.2	5.2	6.7	—	—
BATH 7	48.08	3.8	*	1.9	**	56.3	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.

BASE HOUSE - HEATED	
FIRST FLOOR	1519
SECOND FLOOR	1771
<b>TOTAL BASE HEATED</b>	<b>3290</b>
BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	538
BASEMENT	1423
<b>TOTAL BASE UNDER ROOF</b>	<b>2057</b>
OPTIONS	
SUNROOM	110
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	758
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	618
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	838

ELEVATION NC203	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1519
ADDITIONAL 2ND FLOOR - HEATED	5
TOTAL 2ND FLOOR	1776
<b>TOTAL ELEV. HEATED</b>	<b>3295</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	538
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1423
FRONT PORCH	140
<b>TOTAL ELEV. FOOTPRINT</b>	<b>2197</b>

LIGHT & VENT SCHEDULE		ELEVATION NC203					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	110.23	8.8	27.4	4.4	11.8	—	—
BEDROOM 3	167.72	13.4	23.4	6.7	11.8	—	—
LOFT	270.22	21.6	23.4	10.8	11.8	—	—

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



**NC203**  
 2 Car Front Entry  
 Partial Floor Plan - 2x4 Exterior Walls

PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 03/15/2024

REV #	DATE / DESCRIPTION
△	04/04/2022 REVISIONS
△	07/15/2022 REVISIONS
△	02/17/2023 REVISIONS
△	04/14/2023 REVISIONS
△	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**WAVERLY**  
 NPC PLAN NUMBER  
**1590.302**  
 LAWSON PLAN ID

SHEET  
**A3-NC203**  
**2FB4.3**