



# Newberry BASE

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

ARCHITECT OF RECORD	MUNICIPALITY
STRUCT. ENGINEER	BUILDING CODE ANALYSIS
MECH. ENGINEER	APPLICABLE CODES

## SHEET INDEX

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CZ 0.10	Cover Sheet / Project Information / Sheet Index	A4 W4.13	Walkout 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 - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.3	Finished Basement Flooring Plan / Options / All Basement Walls
CZ 0.20	Cover Sheet / General Notes / Abbreviations	A4 D6.1	Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	A4 EXSR4L.13	Gathering Room Extension w/ Sunroom - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.4	Finished Basement Flooring Plan / Options / All Basement Walls
CZ 0.30	Cover Sheet / Revision Log	A4 W6.1	Walkout Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	A4 EXSR4D.1	Gathering Room Extension w/ Sunroom - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 0.5	Finished Basement Flooring Plan / Options / All Basement Walls
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A0 BB-1.1	Basement Foundation Plan w/ Masonry Wrap	A4 SR4L.1	Sunroom - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR4W.1	Gathering Room Extension w/ Sunroom - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	FL 4-1.2	First Floor Flooring Plan / Options / 2x4 Exterior Walls
A0 M-1.1	Exterior Insulation Foundation Plan	A4 SR4L.13	Sunroom - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR6S.1	Gathering Room Extension w/ Sunroom - Slab Foundation / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	FL 4-1.3	First Floor Flooring Plan / Options / 2x4 Exterior Walls
A0 MI-1.1	Basement Foundation Plan - 10" w/ 4 1/4" Brick Ledge	A4 SR4D.1	Sunroom - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR6L.1	Gathering Room Extension w/ Sunroom - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	FL 4-2.1	Second Floor Flooring Plan / _ / 2x4 Exterior Walls
A0 S-1.1	Slab Foundation Plan	A4 SR4D.13	Sunroom - Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR6D.1	Gathering Room Extension w/ Sunroom - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	FL 4-2.2	Second Floor Flooring Plan / Options / 2x4 Exterior Walls
A0 SB-1.1	Slab Foundation Plan w/ Masonry Wrap	A4 SR4W.1	Sunroom - Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	A4 EXSR6W.1	Gathering Room Extension w/ Sunroom - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	FL 6-1.1	First Floor Flooring Plan / _ / 2x6 Exterior Walls
A1 0.1	Finished Basement Floor Plan	A4 SR4W.13	Sunroom - Walkout Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	<b>UTILITY DRAWINGS</b>			
A1 0.2	Finished Basement Floor Plan / Options	A4 SR6S.1	Sunroom - Slab / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U0 B-1.10	Basement Utility Plan / _ / All Basement Walls	TR 4-1.1	First Floor Plan / Trim Option Layouts / 2x4 Exterior Walls
A1 0.3	Finished Basement Floor Plan / Options	A4 SR6L.1	Sunroom Option - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 0.10	Finished Basement Utility Plans / _ / All Basement Walls	TR 4-1.2	First Floor Plan Options / Trim Option Layouts / 2x4 Exterior Walls
A1 0.4	Finished Basement Floor Plan / Options	A4 SR6D.1	Sunroom Option - Daylight Basement - Exterior Insulation Foundation / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 0.20	Finished Basement Utility Plans / Options / All Walls	TR 4-2.1	Second Floor Plan / Trim Option Layouts / 2x4 Exterior Walls
A1 0.5	Finished Basement Floor Plan / Options	A4 SR6D.1	Sunroom Option - Walkout Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 0.21	Finished Basement Utility Plans / Options - Optional Lighting Package / All Walls	TR 6-1.1	First Floor Plan / Trim Option Layouts / 2x6 Exterior Walls
A1 4-1.1	First Floor Plan / _ / 2x4 Exterior Walls	A4 EX4S.1	Gathering Room Extension - Slab Foundation / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.30	Finished Basement Utility Plans / Options / All Walls	TR 6-1.2	First Floor Plan Options / Trim Option Layouts / 2x6 Exterior Walls
A1 4-1.2	First Floor Plan / Options / 2x4 Exterior Walls	A4 EX4L.1	Gathering Room Extension - In-Grade Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.40	Finished Basement Utility Plans / Options / All Walls	TR 6-2.1	Second Floor Plan / Trim Option Layouts / 2x6 Exterior Walls
A1 4-2.1	Second Floor Plan / _ / 2x4 Exterior Walls	A4 EX4L.13	Gathering Room Extension - In-Grade Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 0.50	Finished Basement Utility Plans / Options / All Walls	<b>ARCHITECTURAL DETAILS</b>	
A1 4-2.2	Second Floor Plan / Options / 2x4 Exterior Walls	A4 EX4D.1	Gathering Room Extension - Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-1.10	First Floor Utility Plan / _ / 2x4 Exterior Walls	AD SHEETS	Typical Architectural Details
A1 6-1.1	First Floor Plan / _ / 2x6 Exterior Walls	A4 EX4D.13	Gathering Room Extension - Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-1.11	First Floor Utility Plan / Optional Lighting Package / 2x4 Exterior Walls	<b>STRUCTURAL DRAWINGS</b>	
A1 6-1.2	First Floor Plan / Options / 2x6 Exterior Walls	A4 EX4W.1	Gathering Room Extension - Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-1.20	First Floor Utility Plan / Options / 2x4 Exterior Walls	S-0 Sheets	Structural Notes
A1 6-2.1	Second Floor Plan / _ / 2x6 Exterior Walls	A4 EX4W.13	Gathering Room Extension - Walkout Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	U1 4-1.21	First Floor Utility Plan / Options - Optional Lighting Package / 2x4 Exterior Walls	S-1 Sheets	Foundation & First Floor Framing Plans
A1 6-2.2	Second Floor Plan / Options / 2x6 Exterior Walls	A4 EX6S.1	Gathering Room Extension - Slab Foundation / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 4-2.10	Second Floor Utility Plan / _ / 2x4 Exterior Walls	S-2 Sheets	Second Floor Framing Plans
A2 S.1	Building Sections 1 and 2 / _ / Slab Foundation	A4 EX6L.1	Gathering Room Extension Option - In-Grade Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 4-2.11	Second Floor Utility Plan / Optional Lighting Package / 2x4 Exterior Walls	S-3 Sheets	Roof Framing Plans
A2 B.1	Building Sections 1 and 2 / _ / Basement Foundation	A4 EX6D.1	Gathering Room Extension Option - Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 4-2.20	Second Floor Utility Plan / Options / 2x4 Exterior Walls	S-4 Sheets	Framing Details
A3 FH201 2FB.1	FH201 / 2 Car Front Entry / Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule	A4 EX6D.1	Gathering Room Extension Option - Daylight Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 4-2.21	Second Floor Utility Plan / Options - Optional Lighting Package / 2x4 Exterior Walls	S0-1 Sheets	Plan Options
A3 FH201 2FS.2	FH201 / 2 Car Front Entry / Partial Slab Foundation Plan	A4 EX6W.1	Gathering Room Extension Option - Walkout Basement - Exterior Insulation Foundation/ Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x6 Exterior Walls	U1 6-1.10	First Floor Utility Plan / _ / 2x6 Exterior Walls	S0-2 Sheets	Plan Options
A3 FH201 2FB.2	FH201 / 2 Car Front Entry / Partial Basement Foundation Plan	A4 EXSR4S.1	Gathering Room Extension w/ Sunroom - Slab Foundation / 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	S0-3 Sheets	Deck Framing Plans
A3 FH201 2FB.23	FH201 / 2 Car Front Entry / Partial Basement Foundation Plan - 10" w/ 4 1/4" Brick Ledge	<b>FLOORING DRAWINGS</b>					
A3 FH201 2FB4.3	FH201 / 2 Car Front Entry / Partial Floor Plan - 2x4 Exterior Walls	FL 0.1	Finished Basement Flooring Plan / _ / All Basement Walls	U1 6-1.20	First Floor Utility Plan / Options / 2x6 Exterior Walls	<b>STRUCTURAL DETAILS</b>	
A3 FH201 2FB6.3	FH201 / 2 Car Front Entry / Partial Floor Plan - 2x6 Exterior Walls	FL 0.2	Finished Basement Flooring Plan / Options / All Basement Walls	U1 6-1.21	First Floor Utility Plan / Optional Lighting Package / 2x6 Exterior Walls	SD Sheets	Structural Details
A3 FH201 3FB.1	FH201 / 3 Car Front Entry / Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule	<b>PRODUCTION MANAGER</b> Rick Starkey INITIAL RELEASE DATE: 01/31/2022 CURRENT RELEASE DATE: 01/31/2024					
A3 FH201 3FS.2	FH201 / 3 Car Front Entry / Partial Slab Foundation Plan	<b>REV # / DATE / DESCRIPTION</b>					
A3 FH201 3FB.2	FH201 / 3 Car Front Entry / Partial Basement Foundation Plan	01/31/2022 PLAN REFRESH					
A3 FH201 3FB.23	FH201 / 3 Car Front Entry / Partial Basement Foundation Plan - 10" w/ 4 1/4" Brick Ledge	04/14/2023 REVISIONS					
A3 FH201 3FB4.3	FH201 / 3 Car Front Entry / Partial Floor Plan - 2x4 Exterior Walls	03/15/2024 PCR UPDATES					
A3 FH201 3FB6.3	FH201 / 3 Car Front Entry / Partial Floor Plan - 2x6 Exterior Walls	<b>GARAGE HANDING</b> <b>GARAGE LEFT</b>					
****	All Elevation Follow The A3 Sheet Numbering Used For The FH201 Elevations Above	<b>PLAN NAME</b> <b>NEWBERRY</b> NPC PLAN NUMBER <b>1918.302</b> LAWSON PLAN ID					
A4 D4.1	Daylight Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	<b>PLAN NUMBER</b> <b>1918.302</b>					
A4 D4.13	Daylight Basement - 10" w/ 4 1/4" Brick Ledge / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	<b>LAWSON PLAN ID</b>					
A4 W4.1	Walkout Basement / Floor, Foundation, Utility Plans, Elevations and Roof Plan / 2x4 Exterior Walls	<b>SHEET</b> <b>CZ</b> <b>0.10</b>					

PLOTTED: April 12, 2024 / Annie Lee / CZ 0.10.DWG

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

Cover Sheet  
Project Information/Sheet Index  
North Area

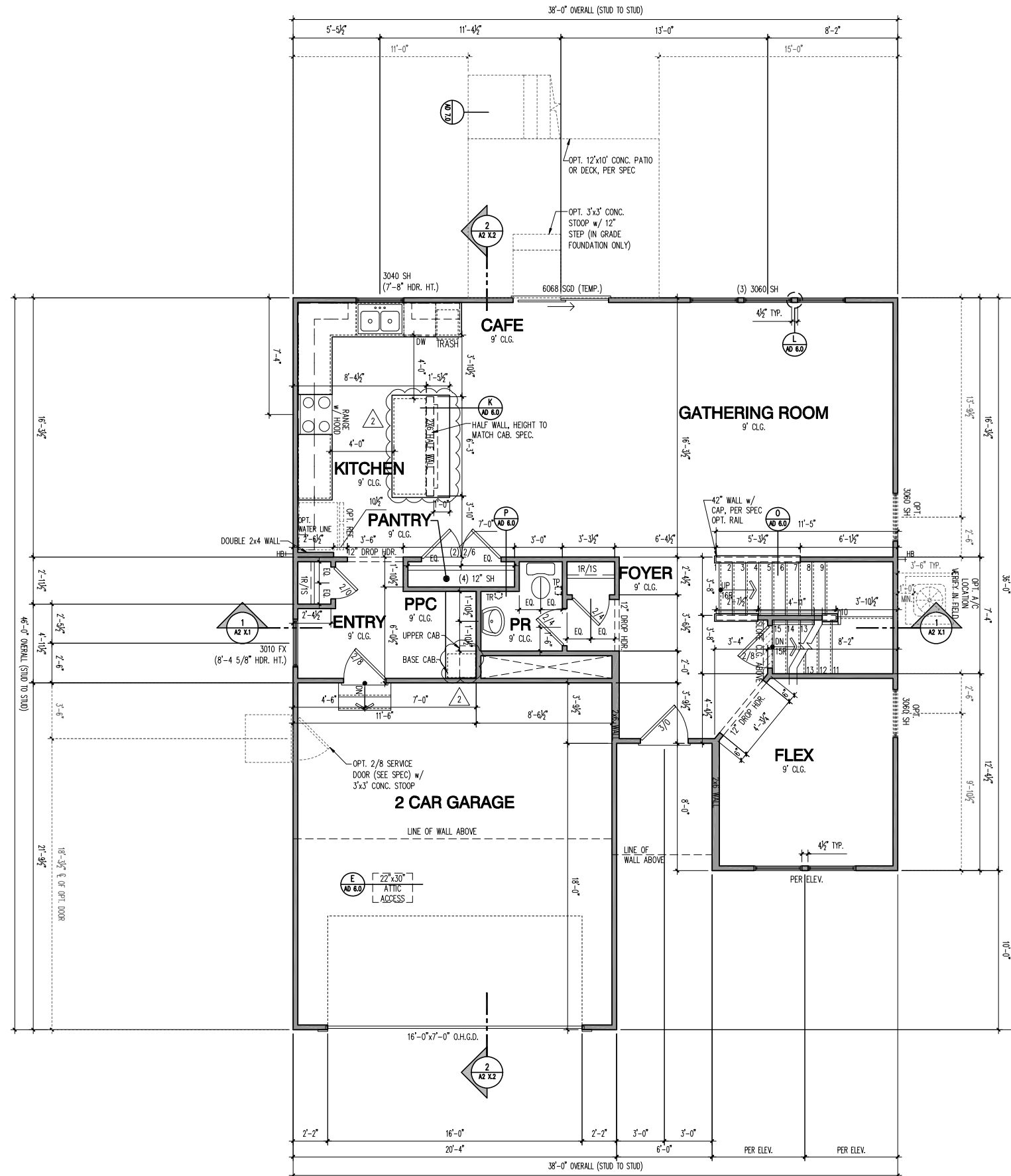
PRODUCTION MANAGER  
Rick Starkey  
INITIAL RELEASE DATE: 01/31/2022  
CURRENT RELEASE DATE: 01/31/2024

REV # / DATE / DESCRIPTION  
01/31/2022 PLAN REFRESH  
04/14/2023 REVISIONS  
03/15/2024 PCR UPDATES

**GARAGE HANDING**  
**GARAGE LEFT**

**PLAN NAME**  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

**SHEET**  
**CZ**  
**0.10**



**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 ROOM	598	47.8	77.3	23.9	34.4	—	—
ENTRY / PPC	66.57	5.3	1.4*	2.7	**	77.9	80
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	—	—
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	11.7*	6.1	5.9**	179.2	180
BEDROOM 3	144.8	11.6	11.7	5.8	5.9	—	—
LOFT	189.4	15.2	28.6	7.6	13.9	—	—
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	*	2.5	**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	—	—
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	23.4	5.6	11.8	—	—
SUNROOM	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	—	—
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	—	—
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>
<b>BASE HOUSE - UNDER ROOF</b>	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>
<b>OPTIONS</b>	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

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

REV #	DATE / DESCRIPTION
1	01/31/2022
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3	04/14/2023
4	REVISIONS
5	03/15/2024
6	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

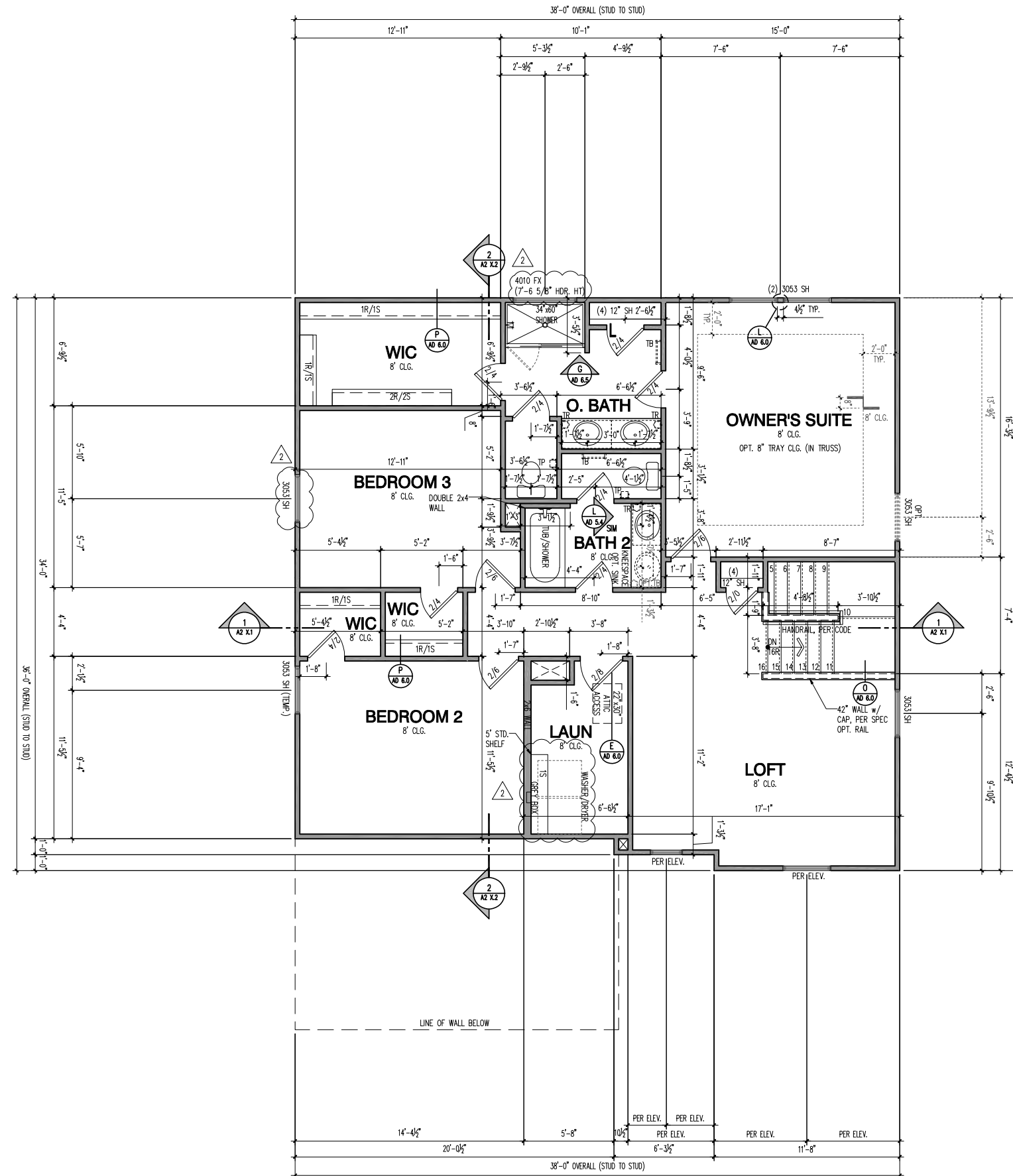
PLAN NAME  
**NEWBERRY**  
 NPC PLAN NUMBER  
**1918.302**  
 LAWSON PLAN ID

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

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



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



**SECOND 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 ROOM	598	47.8	77.3	23.9	34.4	—	—
ENTRY / PPC	66.57	5.3	1.4*	2.7	**	77.9	80
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	—	—
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	11.7*	6.1	5.9**	179.2	180
BEDROOM 3	144.8	11.6	11.7	5.8	5.9	—	—
LOFT	189.4	15.2	28.6	7.6	13.9	—	—
BATH 2	44.4	3.6	*	1.8	**	51.9	60
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BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	—	—
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	23.4	5.6	11.8	—	—
SUNROOM	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	—	—
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	—	—
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GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
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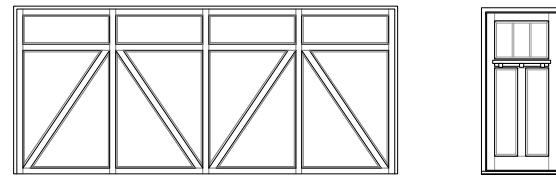
SHEET  
**A1**  
**4-2.1**



**Second Floor Plan**  
**2x4 Exterior Walls**

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





UPGRADED DOOR OPTION

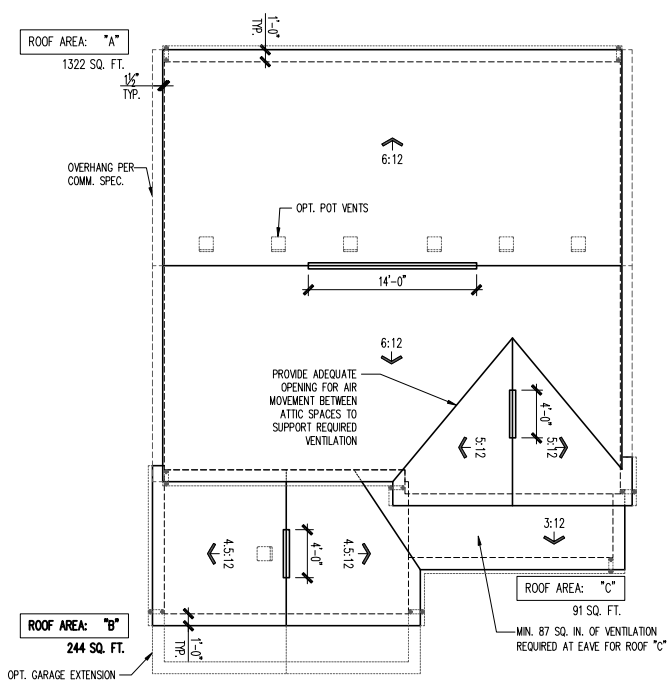
1/4" = 1'-0"

ATTIC VENT SCHEDULE			
CR204 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	1322	244	
TOTAL NET FREE VENTED AREA REQ.	635 IN <sup>2</sup>	117 IN <sup>2</sup>	
LOW - REQUIRED (**)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	336 IN <sup>2</sup> 12 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	320 IN <sup>2</sup> 32 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET	
HIGH - REQUIRED (**)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	366 IN <sup>2</sup> 6 VENTS	61 IN <sup>2</sup> 1 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	324 IN <sup>2</sup> 18 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



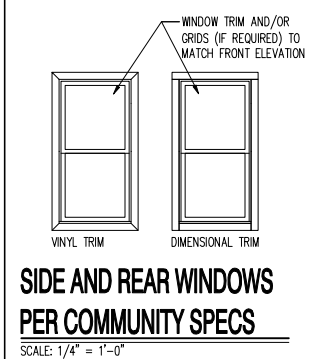
ROOF PLAN

SCALE: 1/8" = 1'-0"



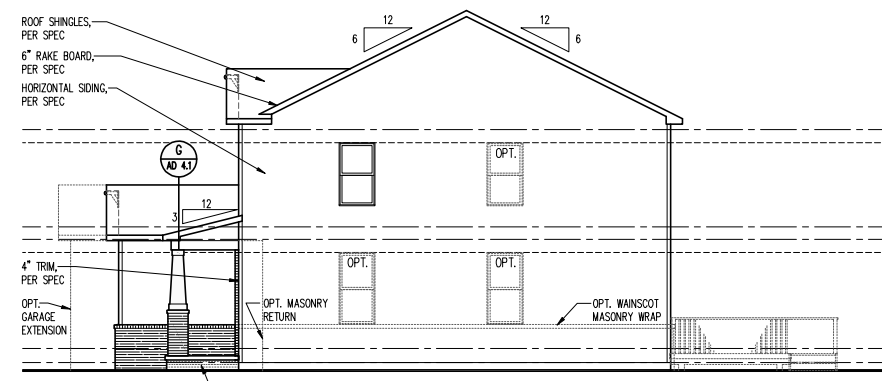
FRONT ELEVATION - CR204

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



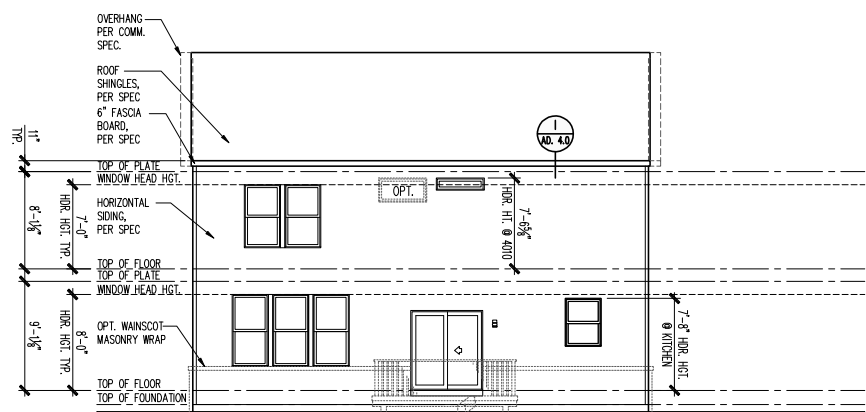
SIDE AND REAR WINDOWS PER COMMUNITY SPECS

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



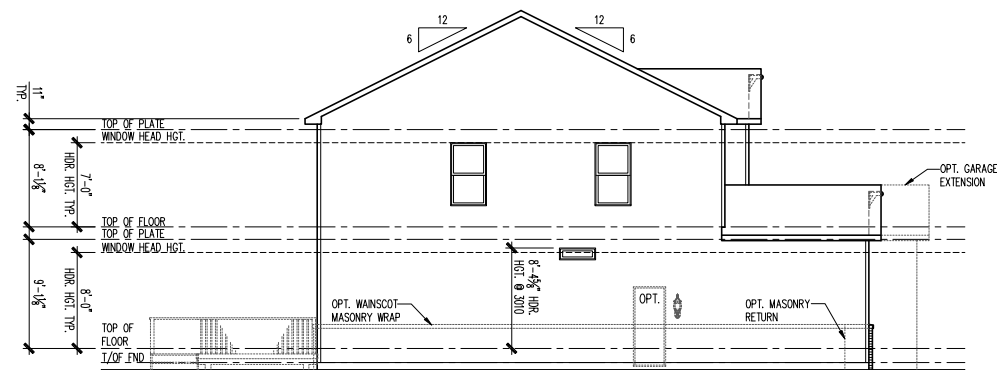
RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

SCALE: 1/8" = 1'-0"

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



CR204  
2 Car Front Entry  
Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule

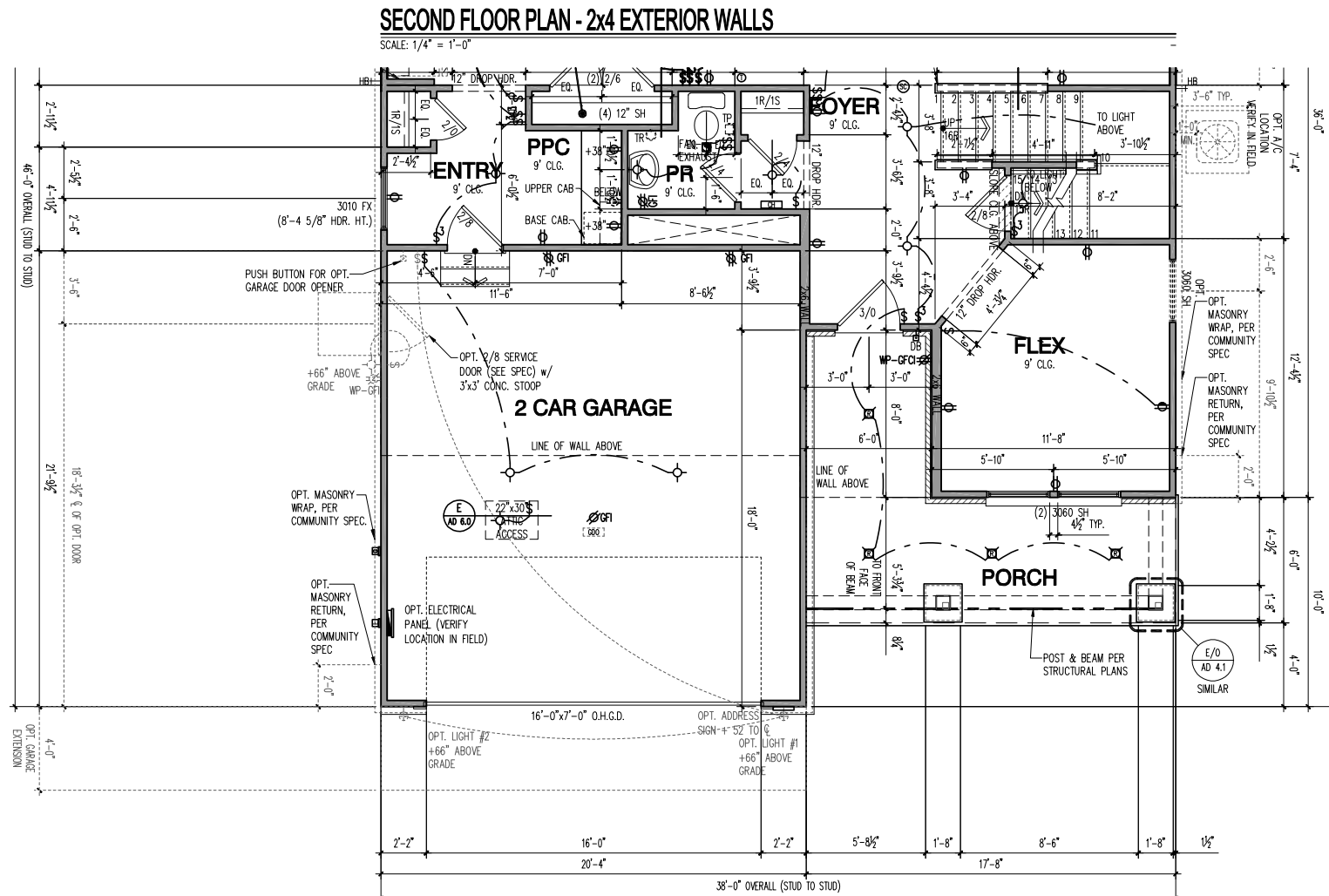
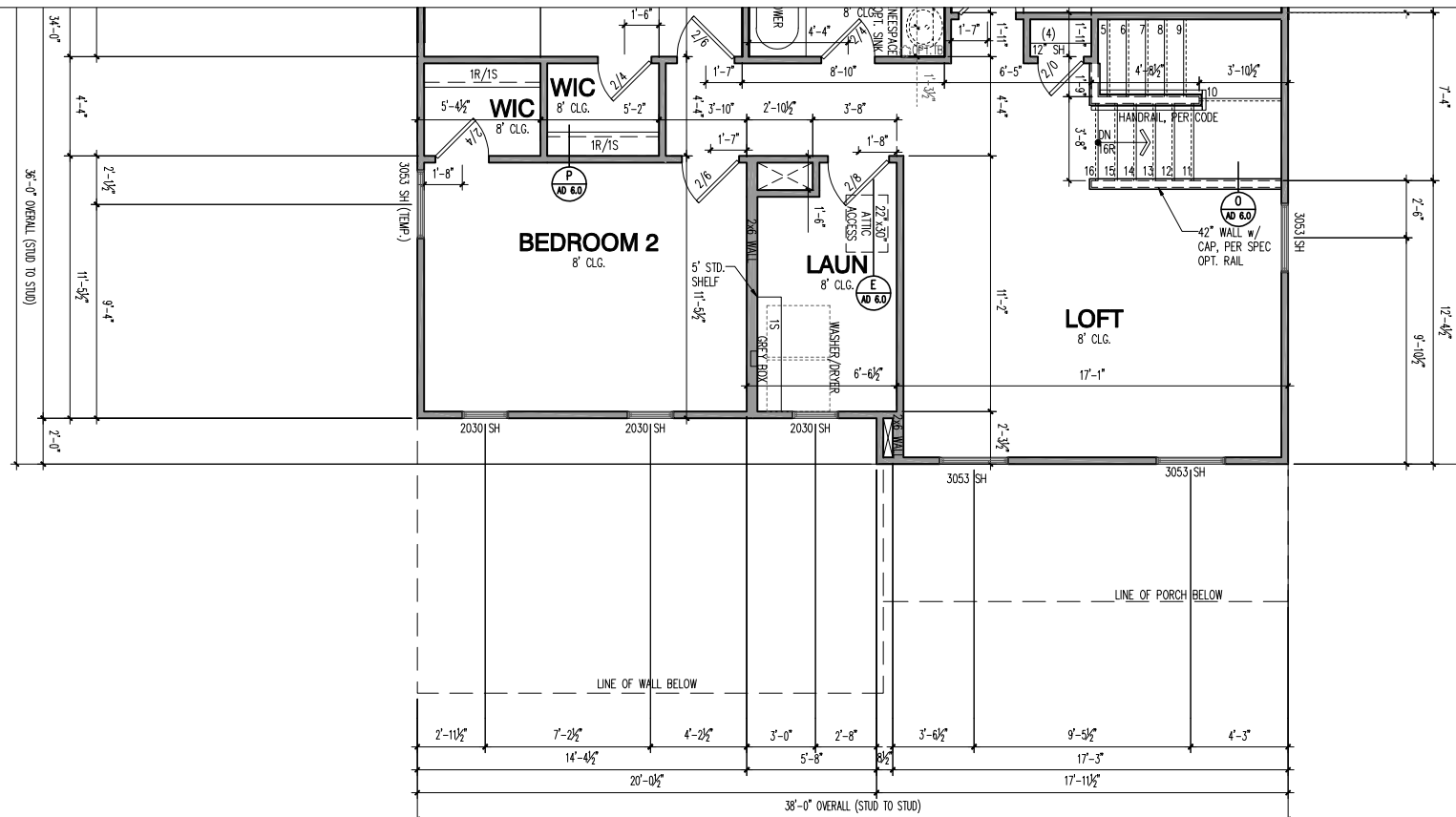
PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
01/31/2022  
CURRENT RELEASE DATE:  
01/31/2022

REV #	DATE / DESCRIPTION
1	01/31/2022
2	PLAN REFRESH
3	04/14/2023
4	REVISIONS
5	03/15/2024
6	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-CR204**  
**2FB.1**



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING ROOM	598	47.8	77.3	23.9	34.4	---	---
ENTRY / PPC	66.57	5.3	1.4	2.7	---	---	---
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	---	---
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	---	---
BEDROOM 3	144.8	11.6	23.4	5.8	11.8	---	---
LOFT	189.4	15.2	28.6	7.6	13.9	---	---
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	---	---
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	11.7	5.6	5.9	---	---
SUNROOM	110.84	8.9	96.2	4.4	42.8	---	---
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	---	---
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	---	---
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>

OPTIONS	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

ELEVATION CR204	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1081
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	0
<b>TOTAL ELEV. HEATED</b>	<b>1081</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	442
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1081
FRONT PORCH	154
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1677</b>

LIGHT & VENT SCHEDULE		ELEVATION CR204					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
BEDROOM 2	153.2	12.3	18.9	6.1	8.5	---	---
LOFT	194.86	15.6	35.1	7.8	17.7	---	---
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80

\* 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.  
REFER TO BASE "LIGHT & VENT SCHEDULE" FOR REMAINING ROOMS

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



**CR204**  
2 Car Front Entry  
Partial Floor Plan - 2x4 Exterior Walls

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

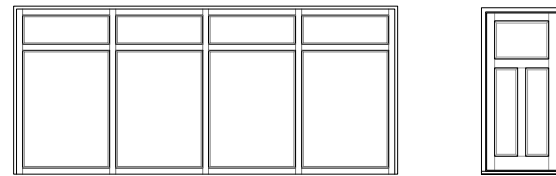
REV #	DATE / DESCRIPTION
1	01/31/2022
2	04/14/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-CR204**  
**2FB4.3**





UPGRADED DOOR OPTION

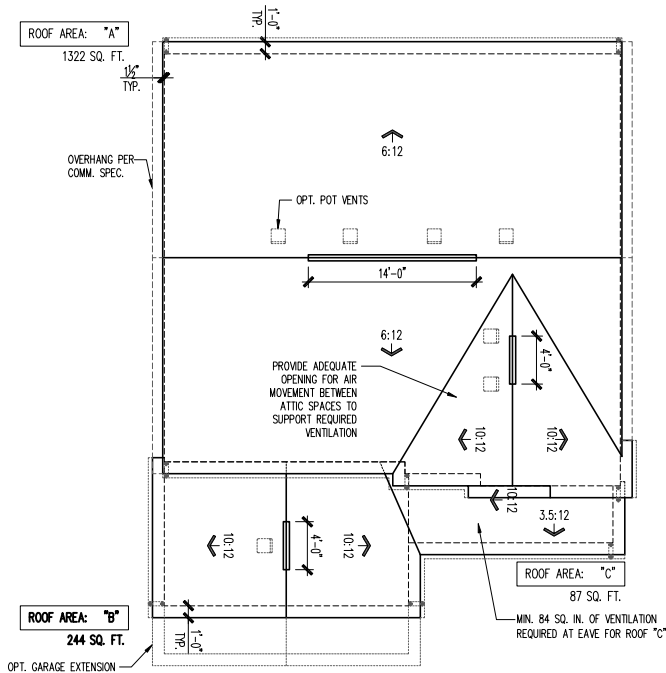
1/4" = 1'-0"

ATTIC VENT SCHEDULE				
FH204 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'	
ATTIC AREA (SF)	1322	244		
TOTAL NET FREE VENTED AREA REQ.	635 IN <sup>2</sup>	117 IN <sup>2</sup>		
LOW - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>		
LOW - ACTUAL w/ EAVE VENTS (**)	336 IN <sup>2</sup> 12 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS		
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	320 IN <sup>2</sup> 32 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET		
HIGH - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>		
HIGH - ACTUAL w/ POT VENTS (***)	366 IN <sup>2</sup> 6 VENTS	61 IN <sup>2</sup> 1 VENT		
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	324 IN <sup>2</sup> 18 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 NOT 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



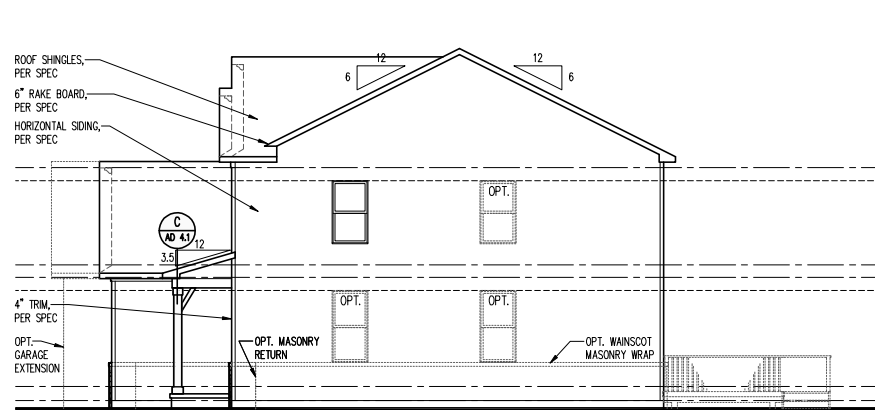
ROOF PLAN

SCALE: 1/8" = 1'-0"



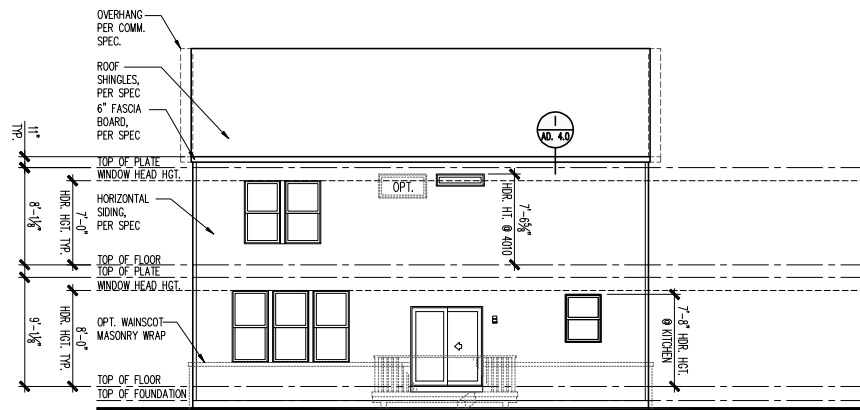
FRONT ELEVATION - FH204

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



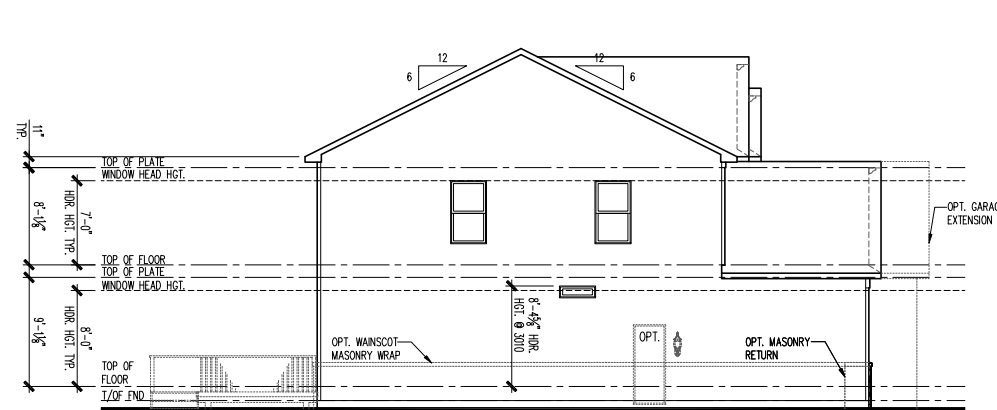
RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



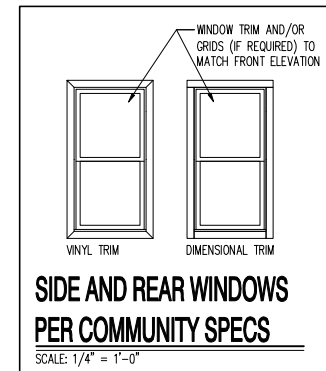
REAR ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

SCALE: 1/8" = 1'-0"



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



FH204  
2 Car Front Entry  
Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule

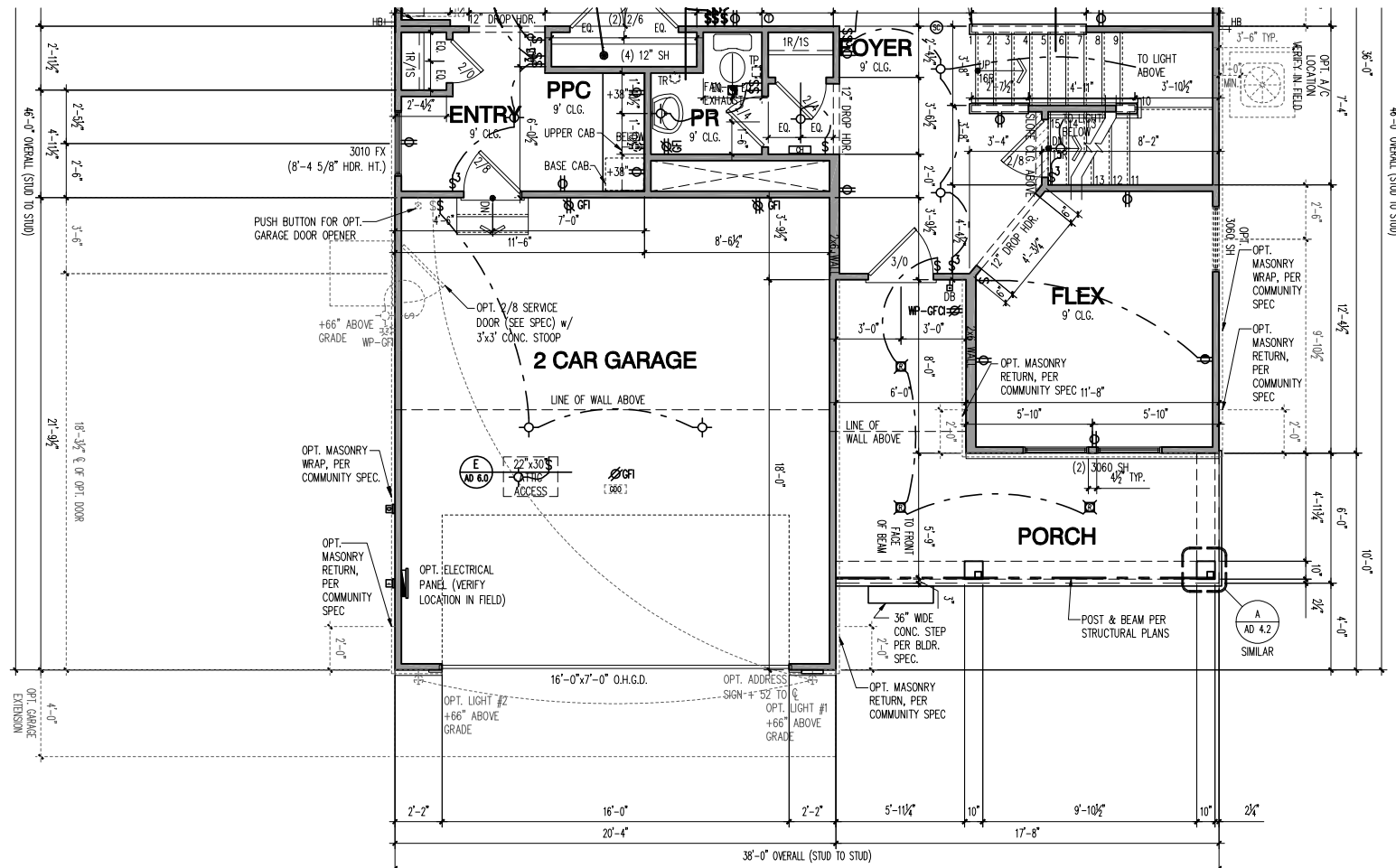
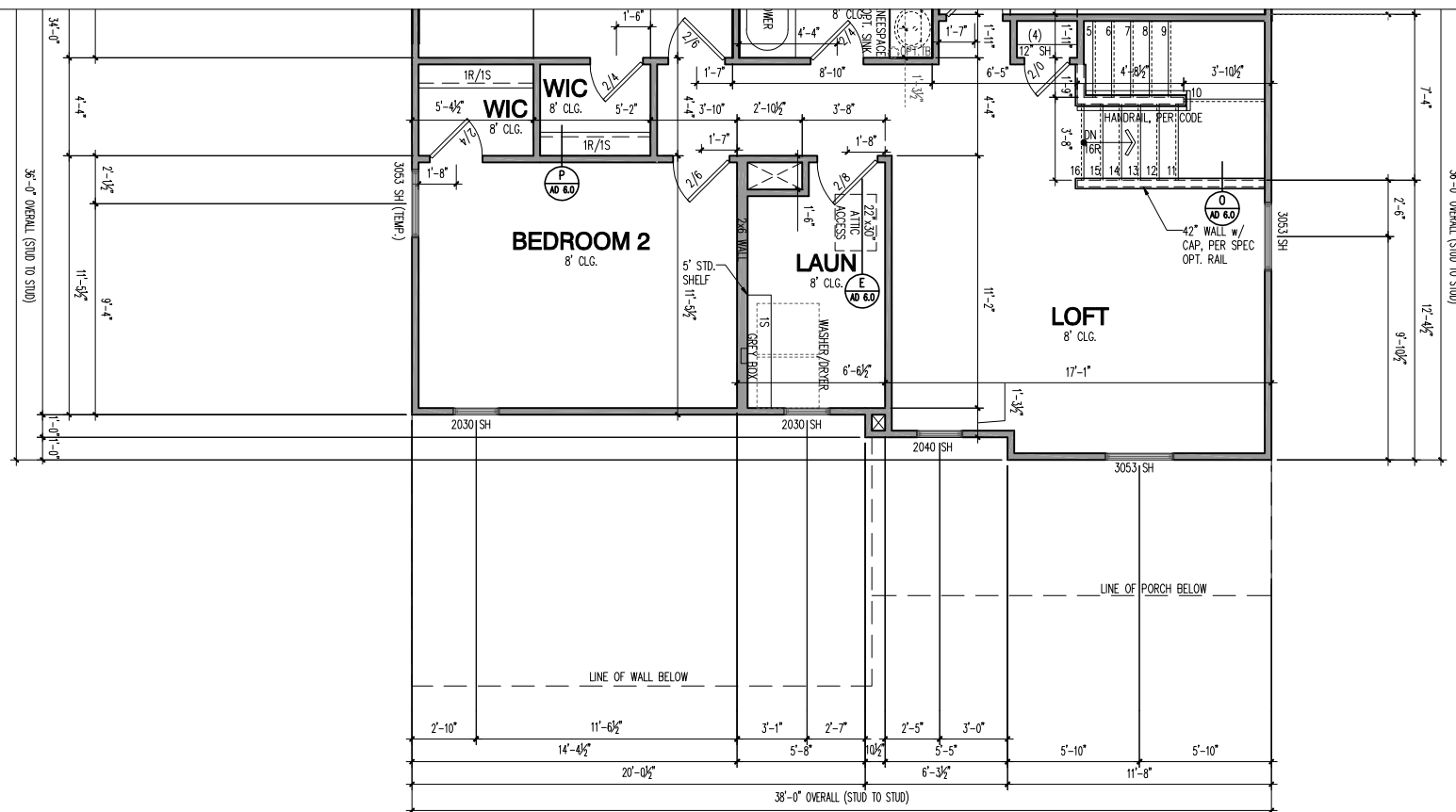
PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
01/31/2022  
CURRENT RELEASE DATE:  
01/31/2022

REV #	DATE / DESCRIPTION
1	01/31/2022
2	PLAN REFRESH
3	04/14/2023
4	REVISIONS
5	03/15/2024
6	PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-FH204**  
**2FB.1**



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING ROOM	598	47.8	77.3	23.9	34.4	—	—
ENTRY / PPC	66.57	5.3	1.4	2.7	—	—	—
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	—	—
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	—	—
BEDROOM 3	144.8	11.6	23.4	5.8	11.8	—	—
LOFT	189.4	15.2	28.6	7.6	13.9	—	—
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	—	—
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	11.7	5.6	5.9	—	—
SUNROOM	110.84	8.9	96.2	4.4	42.8	—	—
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	—	—
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	—	—
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>

OPTIONS	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

ELEVATION FH204	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1081
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	0
<b>TOTAL ELEV. HEATED</b>	<b>1081</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	442
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1081
FRONT PORCH	154
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1677</b>

LIGHT & VENT SCHEDULE		ELEVATION FH204					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	—	—
LOFT	189.4	15.2	28.6	7.6	13.9	—	—
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80

\* ARTIFICIAL LIGHT  
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REFER TO BASE "LIGHT & VENT SCHEDULE" FOR REMAINING ROOMS

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



FH204  
2 Car Front Entry  
Partial Floor Plan - 2x4 Exterior Walls

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

REV #	DATE / DESCRIPTION
1	01/31/2022 PLAN REFRESH
2	04/14/2023 REVISIONS
3	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-FH204**  
**2FB4.3**

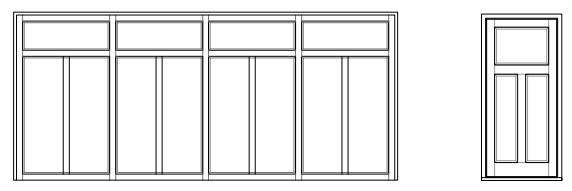


ATTIC VENT SCHEDULE				
HR102 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'	
ATTIC AREA (SF)	1322	244		
TOTAL NET FREE VENTED AREA REQ.	635 IN <sup>2</sup>	117 IN <sup>2</sup>		
LOW - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>		
LOW - ACTUAL W/ EAVE VENTS (**)	336 IN <sup>2</sup> 12 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS		
LOW - ACTUAL W/ CONTINUOUS VENTED SOFFITS (**)	320 IN <sup>2</sup> 32 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET		
HIGH - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>		
HIGH - ACTUAL W/ POT VENTS (***)	366 IN <sup>2</sup> 6 VENTS	61 IN <sup>2</sup> 1 VENT		
HIGH - ACTUAL W/ CONT. RIDGE VENTS (***)	324 IN <sup>2</sup> 18 LF	72 IN <sup>2</sup> 4 LF		

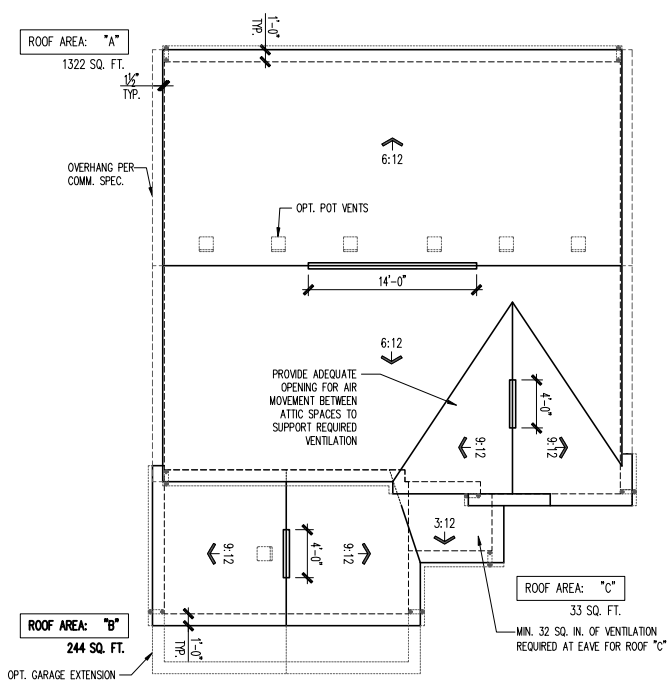
\* REQUIRED NET FREE VENTED AREA IS CALCULATED BY MULTIPLYING THE ATTIC AREA (FT<sup>2</sup>) BY 1/300 AND THEN MULTIPLYING BY 144 (CONVERTING FT<sup>2</sup> TO IN<sup>2</sup>). 50% OF TOTAL NET FREE VENTED AREA IS REQUIRED NEAR THE RIDGE (HIGH) AND 50% IS REQUIRED AT THE SOFFIT (LOW). WHEN BOTH (HIGH)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



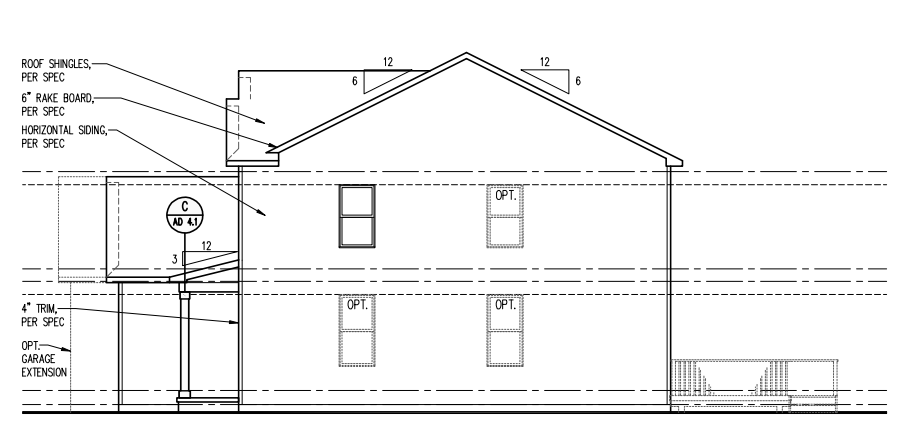
**UPGRADED DOOR OPTION**  
 1/4" = 1'-0"



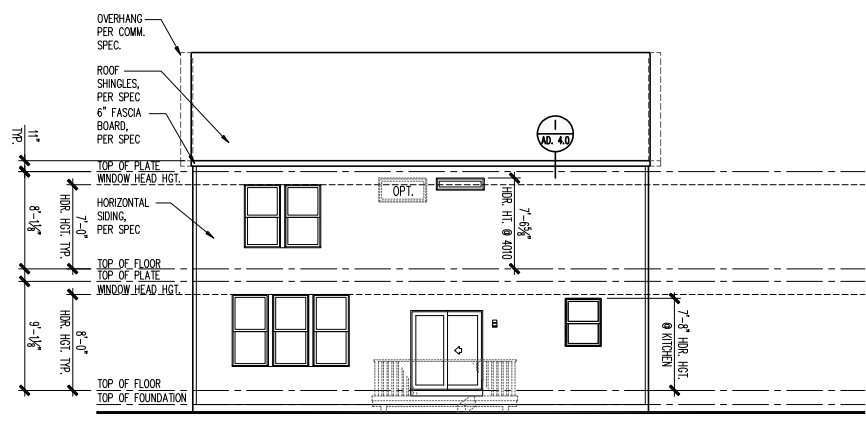
**ROOF PLAN**  
 SCALE: 1/8" = 1'-0"



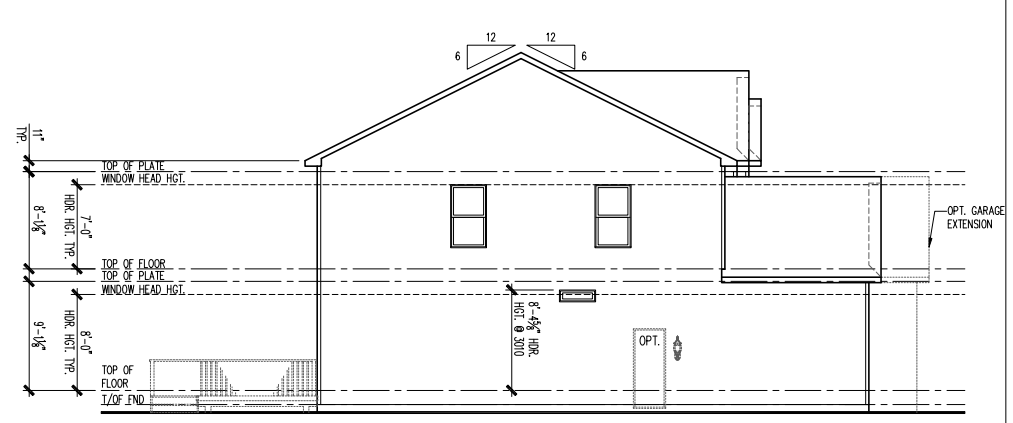
**FRONT ELEVATION - HR102**  
 SCALE: 1/4" = 1'-0"



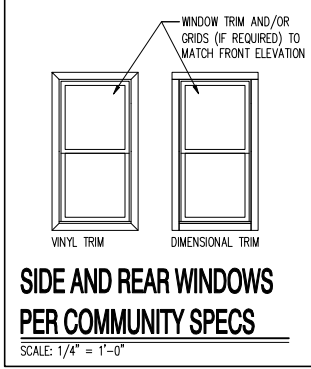
**RIGHT ELEVATION**  
 SCALE: 1/8" = 1'-0"

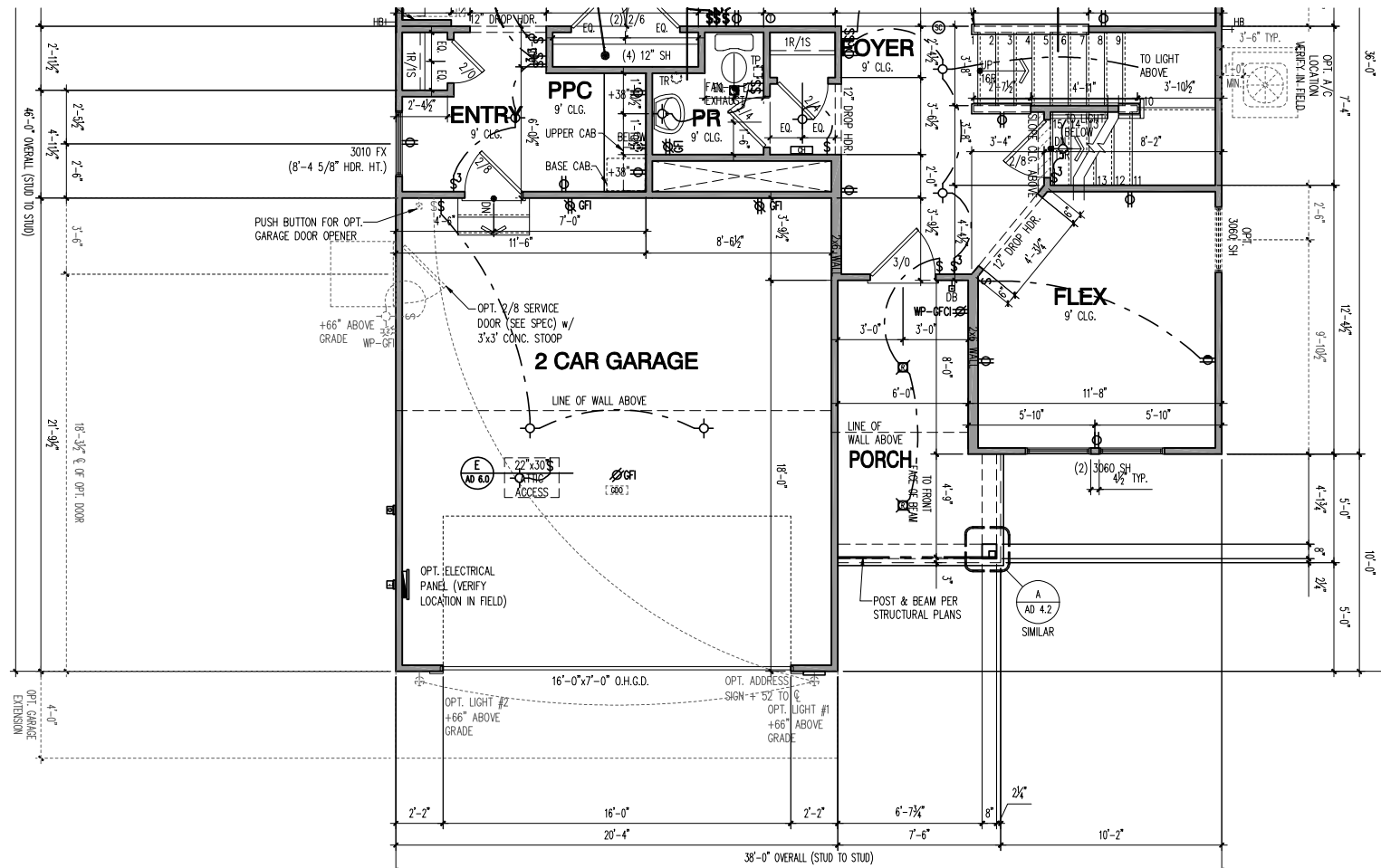
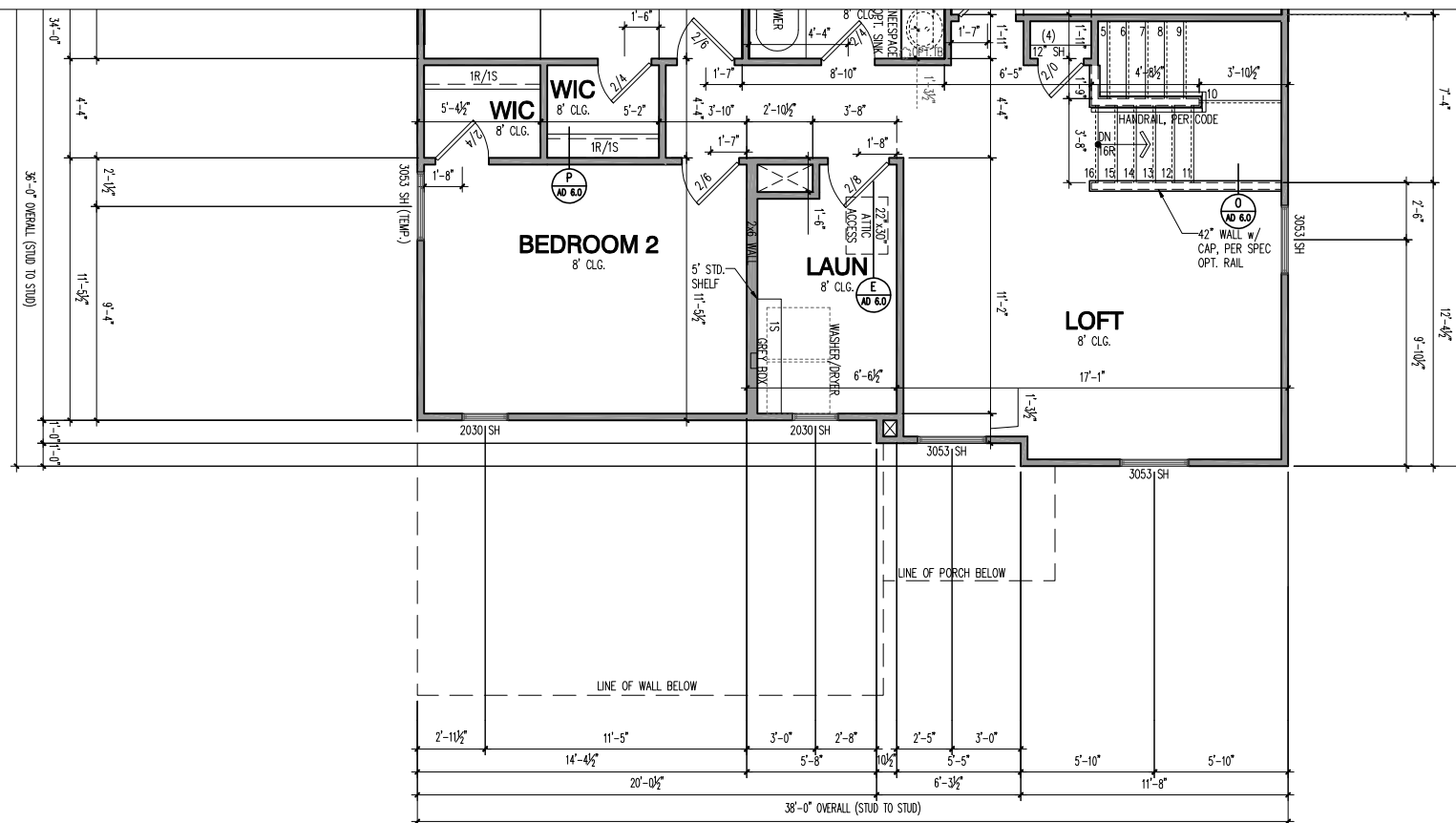


**REAR ELEVATION**  
 SCALE: 1/8" = 1'-0"



**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 ROOM	598	47.8	77.3	23.9	34.4	—	—
ENTRY / PPC	66.57	5.3	1.4*	2.7	**	77.9	80
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	—	—
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	11.7*	6.1	5.9**	179.2	180
BEDROOM 3	144.8	11.6	11.7	5.8	5.9	—	—
LOFT	189.4	15.2	28.6	7.6	13.9	—	—
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	*	2.5	**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	—	—
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	23.4	5.6	11.8	—	—
SUNROOM	110.84	8.9	82.5	4.4	36.9	—	—
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	—	—
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	—	—
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>

OPTIONS	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

ELEVATION HR102	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1081
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	0
<b>TOTAL ELEV. HEATED</b>	<b>1081</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	442
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1081
FRONT PORCH	85
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1608</b>

LIGHT & VENT SCHEDULE		ELEVATION HR102					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	122.53	9.8	27.4	4.9	11.8	—	—
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	—	—
LOFT	189.4	15.2	35.1	7.6	17.7	—	—
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80

\* 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.  
REFER TO BASE "LIGHT & VENT SCHEDULE" FOR REMAINING ROOMS

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



HR102  
2 Car Front Entry  
Partial Floor Plan - 2x4 Exterior Walls

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

REV #	DATE / DESCRIPTION
1	01/31/2022 PLAN REFRESH
2	04/14/2023 REVISIONS
3	03/15/2024 PCR UPDATES

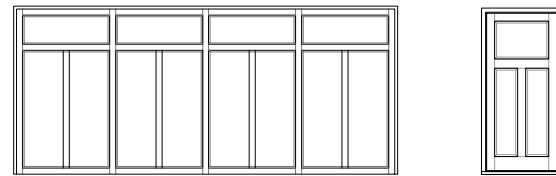
GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-HR102**  
**2FB4.3**



PLOTTED: October 22, 2024 / San Nguy / A3-HR206 2FB1.DWG



UPGRADED DOOR OPTION

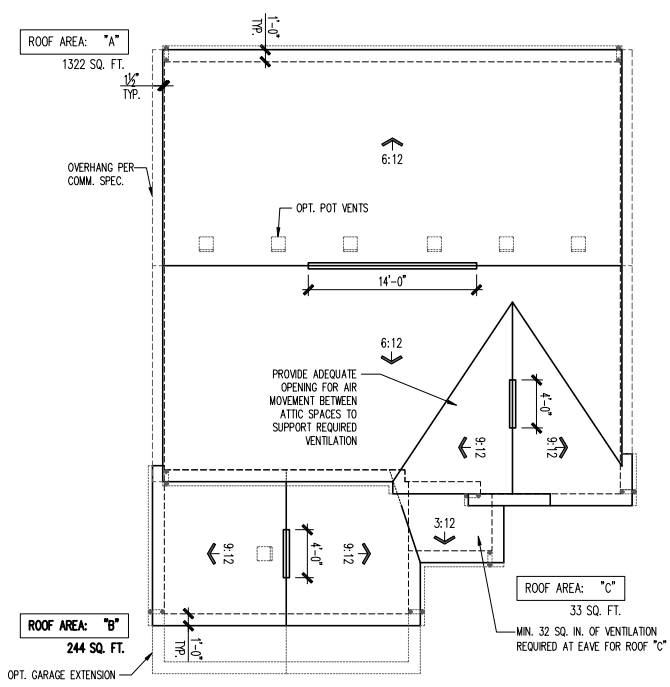
1/4" = 1'-0"

ATTIC VENT SCHEDULE			
HR206 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	1322	244	
TOTAL NET FREE VENTED AREA REQ.	635 IN <sup>2</sup>	117 IN <sup>2</sup>	
LOW - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	336 IN <sup>2</sup>	84 IN <sup>2</sup>	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	320 IN <sup>2</sup>	60 IN <sup>2</sup>	
HIGH - REQUIRED (*)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	366 IN <sup>2</sup>	61 IN <sup>2</sup>	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	324 IN <sup>2</sup>	72 IN <sup>2</sup>	
	18 LF	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



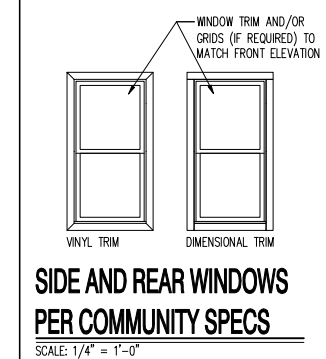
ROOF PLAN

SCALE: 1/8" = 1'-0"



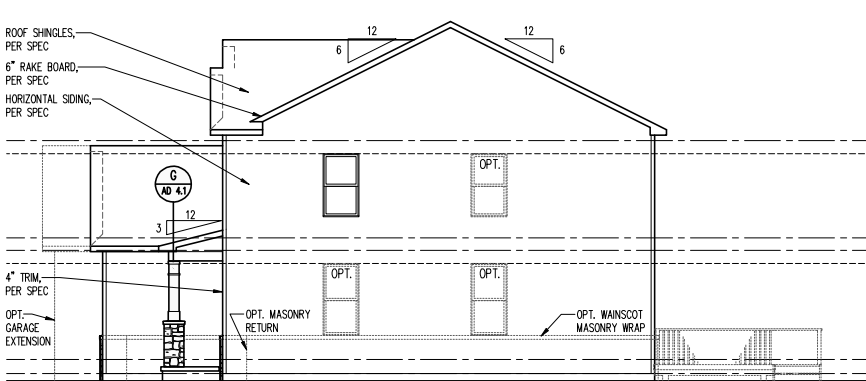
FRONT ELEVATION - HR206

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



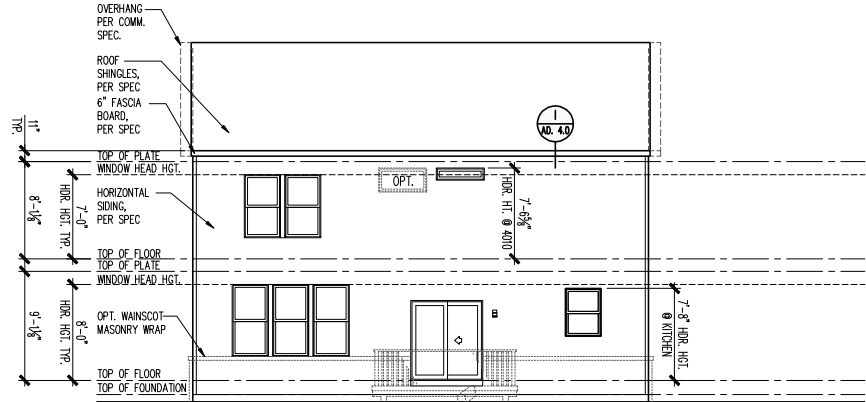
SIDE AND REAR WINDOWS PER COMMUNITY SPECS

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



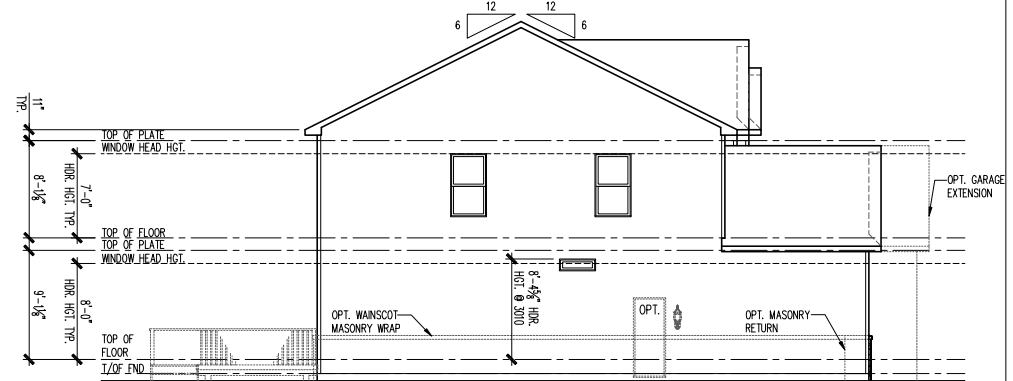
RIGHT ELEVATION

SCALE: 1/8" = 1'-0"



REAR ELEVATION

SCALE: 1/8" = 1'-0"



LEFT ELEVATION

SCALE: 1/8" = 1'-0"

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



HR206  
 2 Car Front Entry  
 Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule

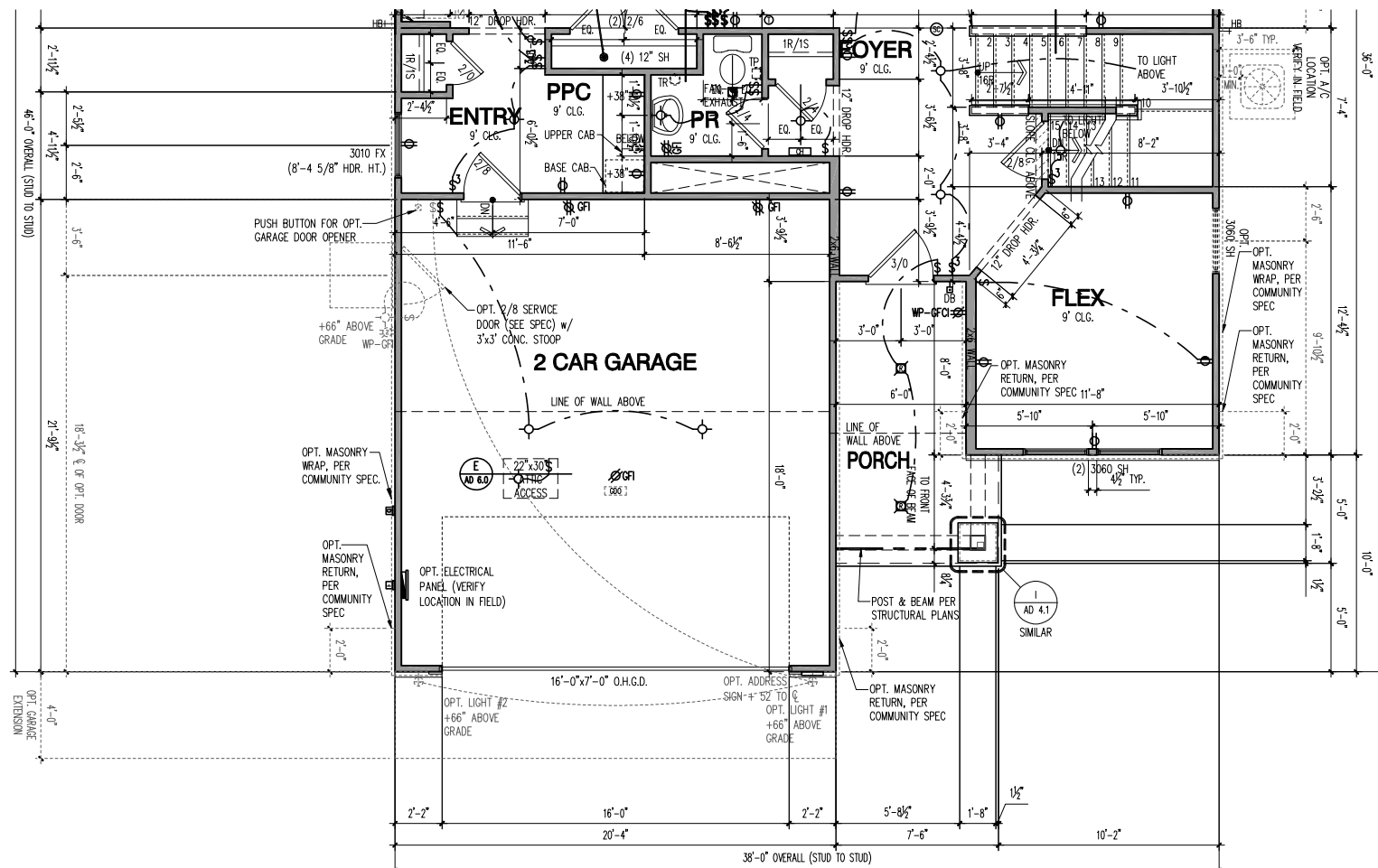
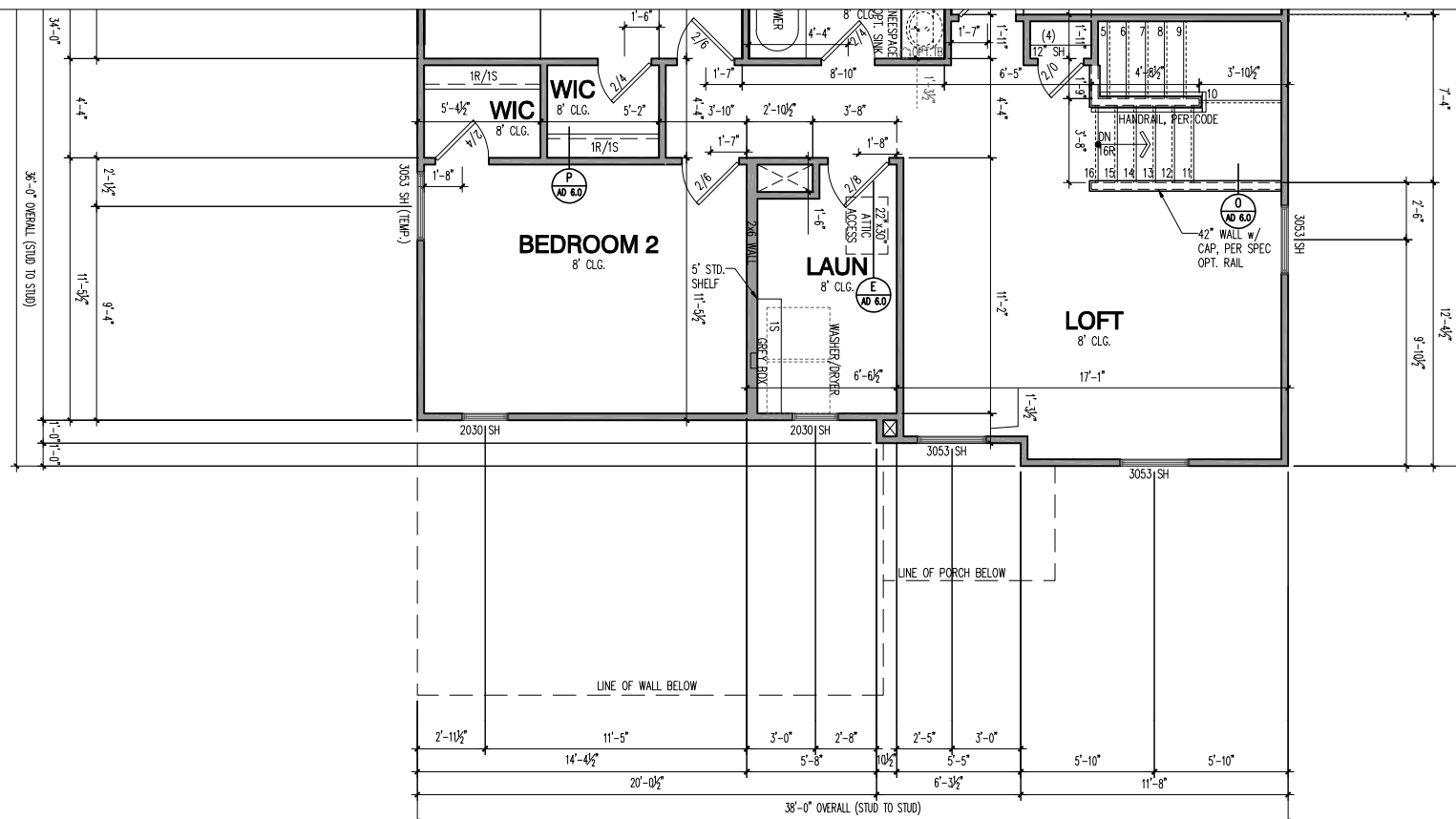
PRODUCTION MANAGER  
 Rick Storkey  
 INITIAL RELEASE DATE:  
 01/31/2022  
 CURRENT RELEASE DATE:  
 01/31/2022

REV #	DATE / DESCRIPTION
1	01/31/2022
2	04/14/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
 NPC PLAN NUMBER  
**1918.302**  
 LAWSON PLAN ID

SHEET  
**A3-HR206**  
**2FB.1**



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING ROOM	598	47.8	77.3	23.9	34.4	---	---
ENTRY / PPC	66.57	5.3	1.4	2.7	---	---	---
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	---	---
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	---	---
BEDROOM 3	144.8	11.6	23.4	5.8	11.8	---	---
LOFT	189.4	15.2	28.6	7.6	13.9	---	---
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	---	---
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	11.7	5.6	5.9	---	---
SUNROOM	110.84	8.9	96.2	4.4	42.8	---	---
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	---	---
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	---	---
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>

OPTIONS	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

ELEVATION HR206	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1081
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	0
<b>TOTAL ELEV. HEATED</b>	<b>1081</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	442
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1081
FRONT PORCH	85
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1608</b>

LIGHT & VENT SCHEDULE		ELEVATION HR206					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	---	---
LOFT	189.4	15.2	35.1	7.6	17.7	---	---
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80

\* 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.  
REFER TO BASE "LIGHT & VENT SCHEDULE" FOR REMAINING ROOMS

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



**HR206**  
2 Car Front Entry  
Partial Floor Plan - 2x4 Exterior Walls

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

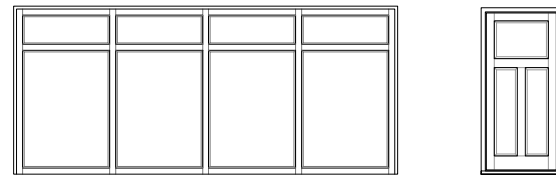
REV #	DATE / DESCRIPTION
1	01/31/2022
2	04/14/2023
3	03/15/2024

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-HR206**  
**2FB4.3**





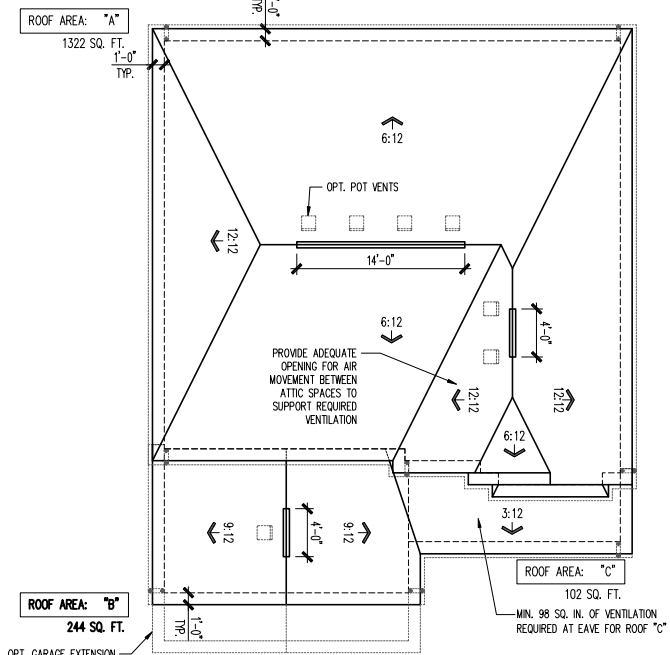
UPGRADED DOOR OPTION  
1/4" = 1'-0"

ATTIC VENT SCHEDULE			
QA301 2-CAR FRONT ENTRY	ROOF AREA 'A'	ROOF AREA 'B'	ROOF AREA 'C'
ATTIC AREA (SF)	1322	244	
TOTAL NET FREE VENTED AREA REQ.	635 IN <sup>2</sup>	117 IN <sup>2</sup>	
LOW - REQUIRED (**)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
LOW - ACTUAL w/ EAVE VENTS (**)	336 IN <sup>2</sup> 12 EAVE VENTS	84 IN <sup>2</sup> 3 EAVE VENTS	
LOW - ACTUAL w/ CONTINUOUS VENTED SOFFITS (**)	320 IN <sup>2</sup> 32 LINEAR FEET	60 IN <sup>2</sup> 6 LINEAR FEET	
HIGH - REQUIRED (**)	317 IN <sup>2</sup>	59 IN <sup>2</sup>	
HIGH - ACTUAL w/ POT VENTS (***)	366 IN <sup>2</sup> 6 VENTS	61 IN <sup>2</sup> 1 VENT	
HIGH - ACTUAL w/ CONT. RIDGE VENTS (***)	324 IN <sup>2</sup> 18 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

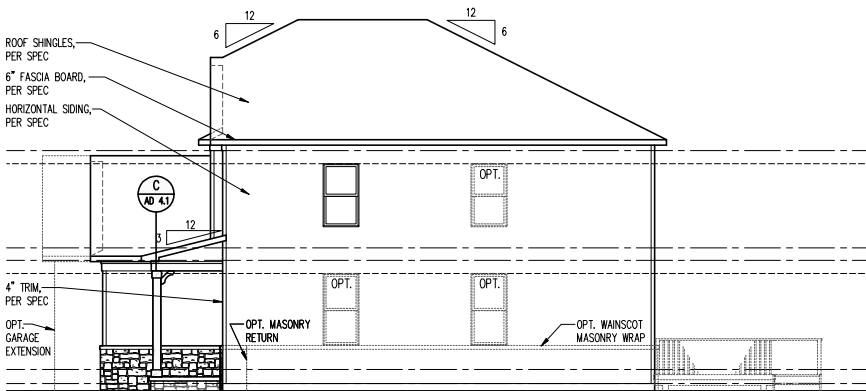
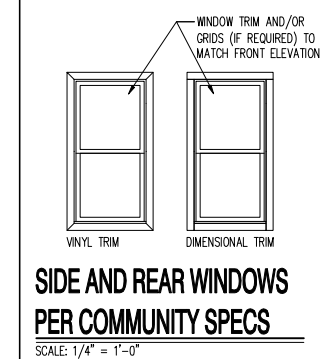
\*\*\* ACTUAL NET FREE VENTED RIDGE AREA IS CALCULATED BY DIVIDING THE REQUIRED (HIGH) AREA BY THE MFRS STATED ACTUAL VENTED NET AREA PER VENT:  
HIGH OPT 1: POT ROOF VENTS = 61.0 IN<sup>2</sup>/VENT (OR)  
HIGH OPT 2: CONT. RIDGE VENTS = 18.0 IN<sup>2</sup>/LINEAR FT



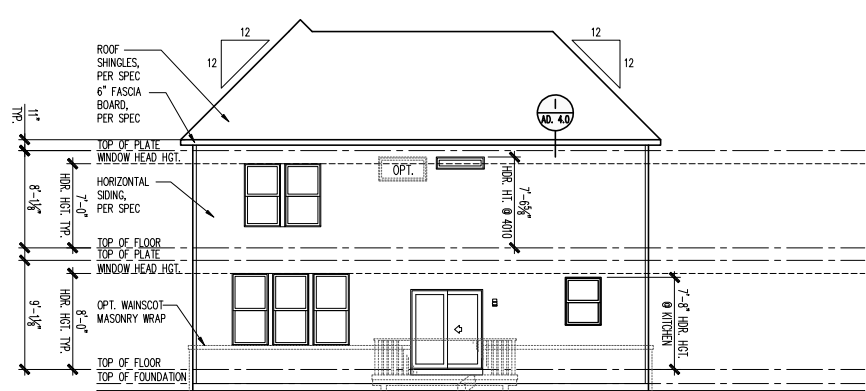
ROOF PLAN  
SCALE: 1/8" = 1'-0"



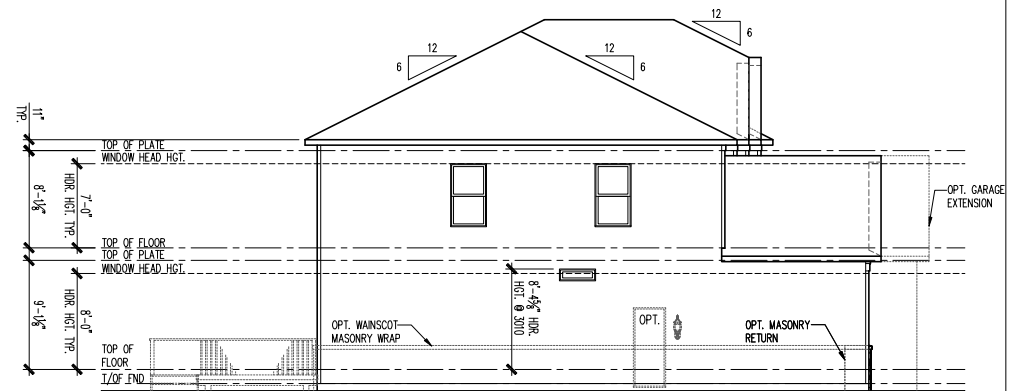
FRONT ELEVATION - QA301  
SCALE: 1/4" = 1'-0"



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



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



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

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



QA301  
2 Car Front Entry  
Front, Side and Rear Elevations, Roof Plan and Ventilation Schedule

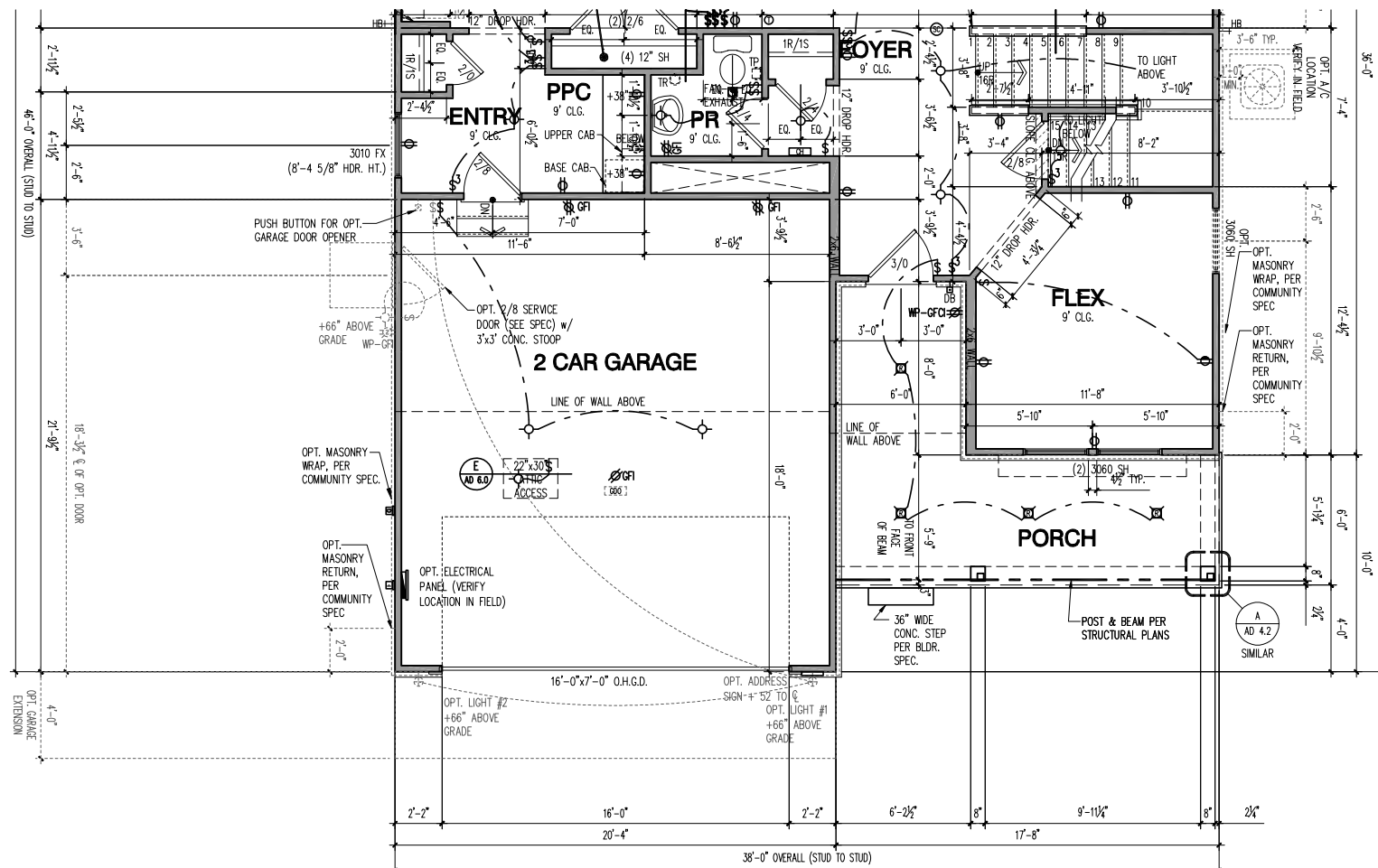
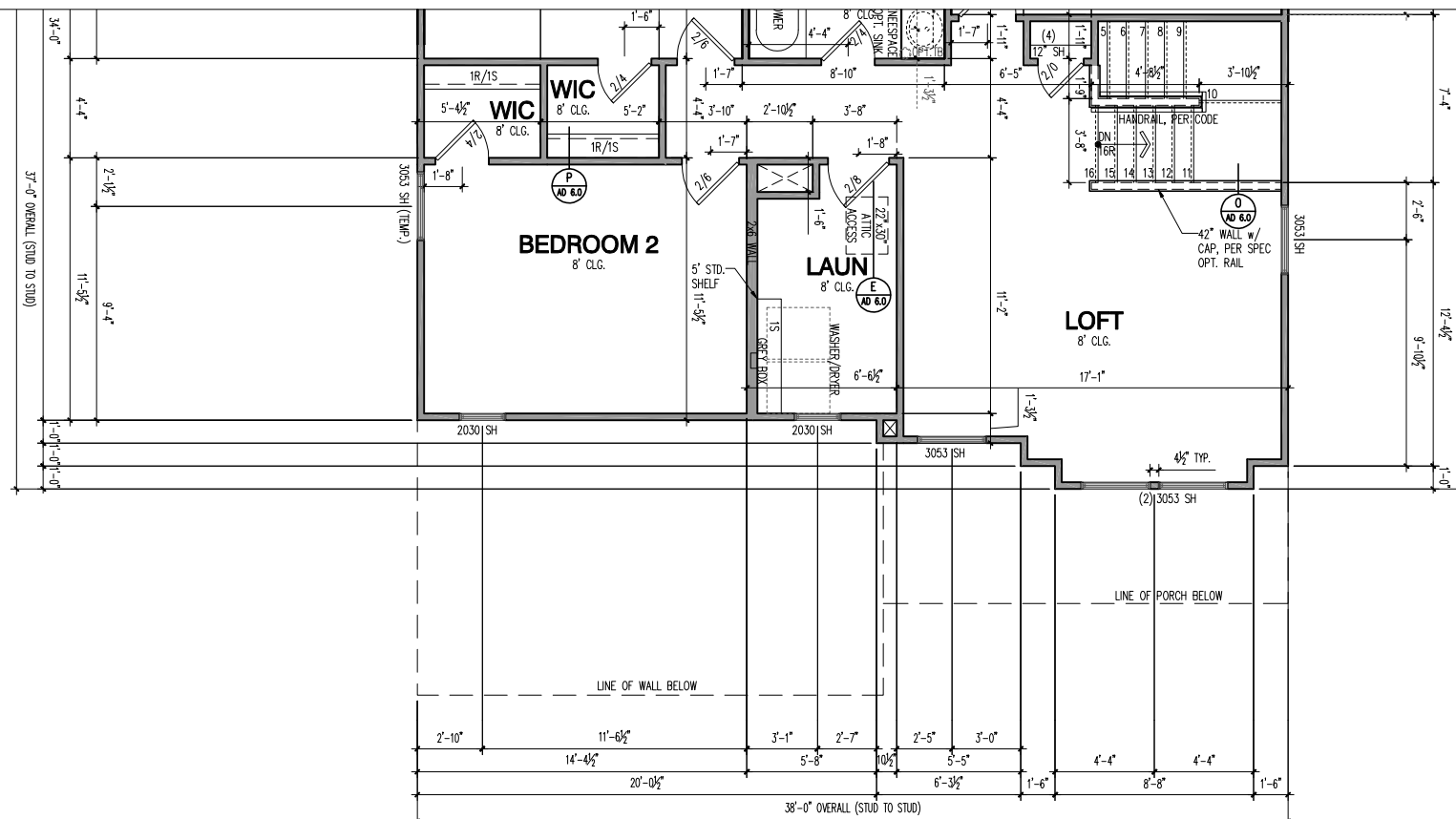
PRODUCTION MANAGER  
Rick Storkey  
INITIAL RELEASE DATE:  
01/31/2022  
CURRENT RELEASE DATE:  
01/31/2022

REV #	DATE / DESCRIPTION
1	01/31/2022
2	PLAN REFRESH
3	04/14/2023
4	REVISIONS
5	03/15/2024
6	PCR UPDATES

GARAGE HANDING  
GARAGE LEFT

PLAN NAME  
NEWBERRY  
NPC PLAN NUMBER  
1918.302  
LAWSON PLAN ID

SHEET  
A3-QA301  
2FB.1



ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
KITCHEN / CAFE / GATHERING ROOM	598	47.8	77.3	23.9	34.4	---	---
ENTRY / PPC	66.57	5.3	1.4	2.7	---	---	---
POWDER ROOM	24.30	1.9	*	1.0	**	28.4	40
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
OWNER'S SUITE	230.7	18.5	23.4	9.2	11.8	---	---
OWNER'S BATH	74.3	5.9	2*	3.0	**	86.9	100
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	---	---
BEDROOM 3	144.8	11.6	23.4	5.8	11.8	---	---
LOFT	189.4	15.2	28.6	7.6	13.9	---	---
BATH 2	44.4	3.6	*	1.8	**	51.9	60
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80
BEDROOM 4 OPTION	130.7	10.5	23.4	5.2	11.8	---	---
BEDROOM 4 W/ SLAB OPTION	140.6	11.2	11.7	5.6	5.9	---	---
SUNROOM	110.84	8.9	96.2	4.4	42.8	---	---
KITCHEN / CAFE / GATHERING ROOM EXTENSION	658.3	52.7	77.3	26.3	34.4	---	---
BEDROOM 7	112.2	9.0	12.2	4.5	6.7	---	---
BATH 7	47.5	3.8	*	1.9	**	55.6	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	1081
SECOND FLOOR	1309
<b>TOTAL BASE HEATED</b>	<b>2390</b>

BASE HOUSE - UNDER ROOF	
GARAGE - 2 CAR FRONT ENTRY	442
BASEMENT	1081
<b>TOTAL BASE UNDER ROOF</b>	<b>1523</b>

OPTIONS	
SUNROOM	120
GATHERING ROOM EXTENSION	63
SUNROOM w/ GATHERING ROOM EXTENSION	181
GARAGE - 3 CAR FRONT ENTRY	643
GARAGE - 2 CAR FRONT w/ 4' EXTENSION	523
GARAGE - 3 CAR FRONT w/ 4' EXTENSION	724

ELEVATION QA301	
ADDITIONAL 1ST FLOOR - HEATED	0
TOTAL 1ST FLOOR	1081
ADDITIONAL 2ND FLOOR - HEATED	0
TOTAL 2ND FLOOR	0
<b>TOTAL ELEV. HEATED</b>	<b>1081</b>
ADDITIONAL GARAGE - 2 CAR FRONT	0
TOTAL GARAGE	442
ADDITIONAL BASEMENT	0
TOTAL BASEMENT	1081
FRONT PORCH	154
<b>TOTAL ELEV. FOOTPRINT</b>	<b>1677</b>

LIGHT & VENT SCHEDULE		ELEVATION QA301					
ROOM NAME	AREA (SF)	LIGHT 8%		VENT 4%		MECH (CFM)	
		REQ	ACT	REQ	ACT	REQ	ACT
FLEX	122.53	9.8	27.4	4.9	11.8	---	---
BEDROOM 2	153.2	12.3	15.3	6.1	7.2	---	---
LOFT	197.5	15.8	46.8	7.9	23.6	---	---
LAUNDRY	62.1	5.0	3.6*	2.5	1.3**	72.7	80

\* 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.  
REFER TO BASE "LIGHT & VENT SCHEDULE" FOR REMAINING ROOMS

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



**QA301**  
2 Car Front Entry  
Partial Floor Plan - 2x4 Exterior Walls

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

REV #	DATE / DESCRIPTION
1	01/31/2022 PLAN REFRESH
2	04/14/2023 REVISIONS
3	03/15/2024 PCR UPDATES

GARAGE HANDING  
**GARAGE LEFT**

PLAN NAME  
**NEWBERRY**  
NPC PLAN NUMBER  
**1918.302**  
LAWSON PLAN ID

SHEET  
**A3-QA301**  
**2FB4.3**