

FOUNDATION PLAN

AREA: 941 SF EX. PORCH EX. 148 SF 1,051 SF NEW GARAGE: 598 SF

HEINS & KWAPIS ARCHITECTS P.C.

126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis©sbcglobal.net

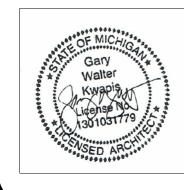
PROPOSED ADDITION AND RENOVATION 1046E. TIENKEN ROAD MR. AND MRS. SINCOLA

> 2-2|-2025 2-|8-2025

8-30-2023 REVISION: 4-7-2023

DRAWN BY:

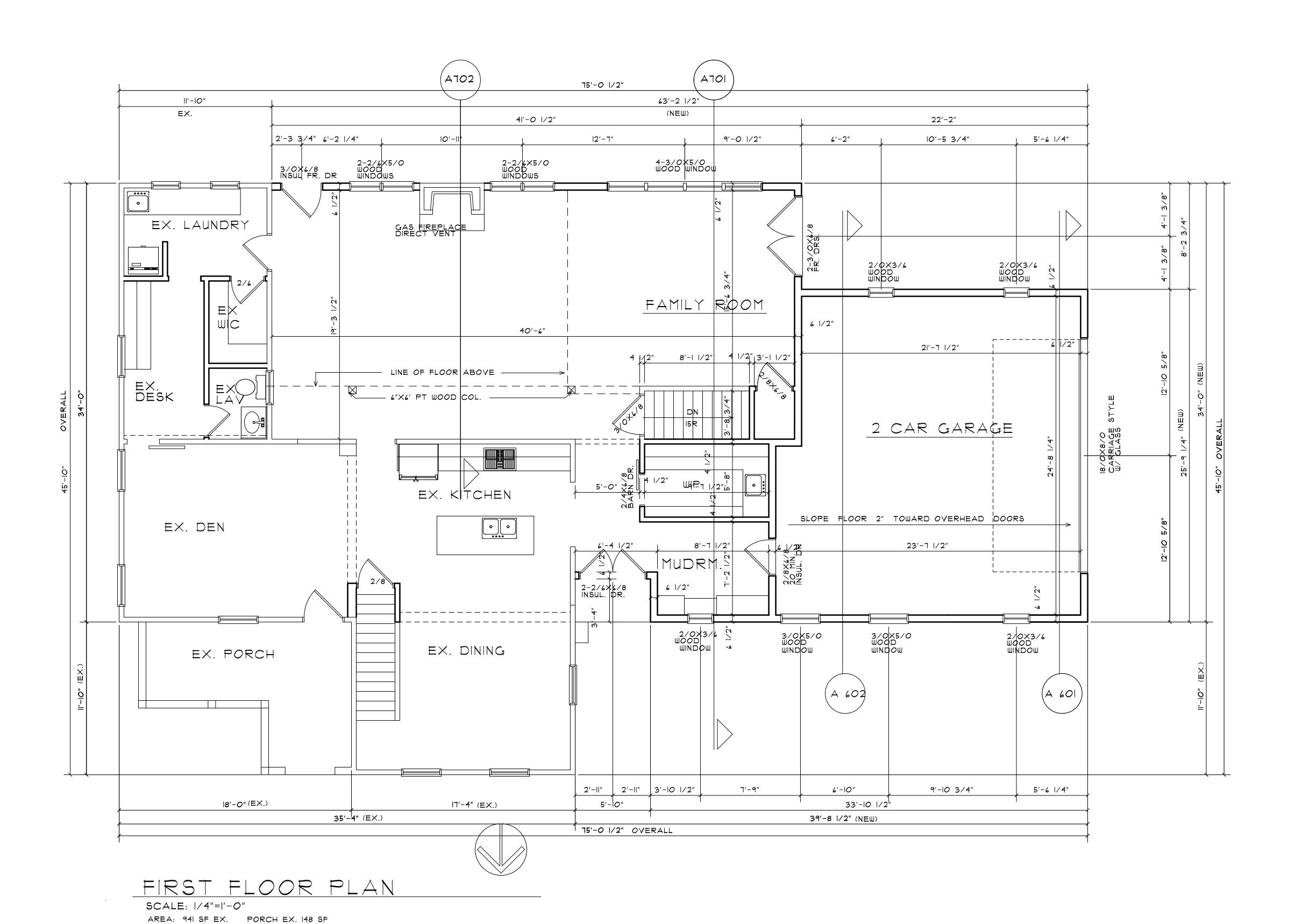
CHECKED BY: 2-15-2023
DATE:



SEAL SHEET NO.

A 100

JOB NUMBER



1,051 SF NEW GARAGE: 598 SF

HEINS & KWAPIS ARCHITECTS P.C.

126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sbcglobal.net

PROPOSED ADDITIOAND RENKEN ROAD
MR. AND MRS. SINCOLA

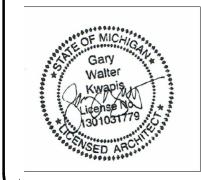
2-2|-2025 2-|8-2025 2-|0-2024 |-22-2024 |-3-2024 |8-30-2023

4-7-2023 2-15-2023 REVISION:

DRAWN BY:

CHECKED BY:

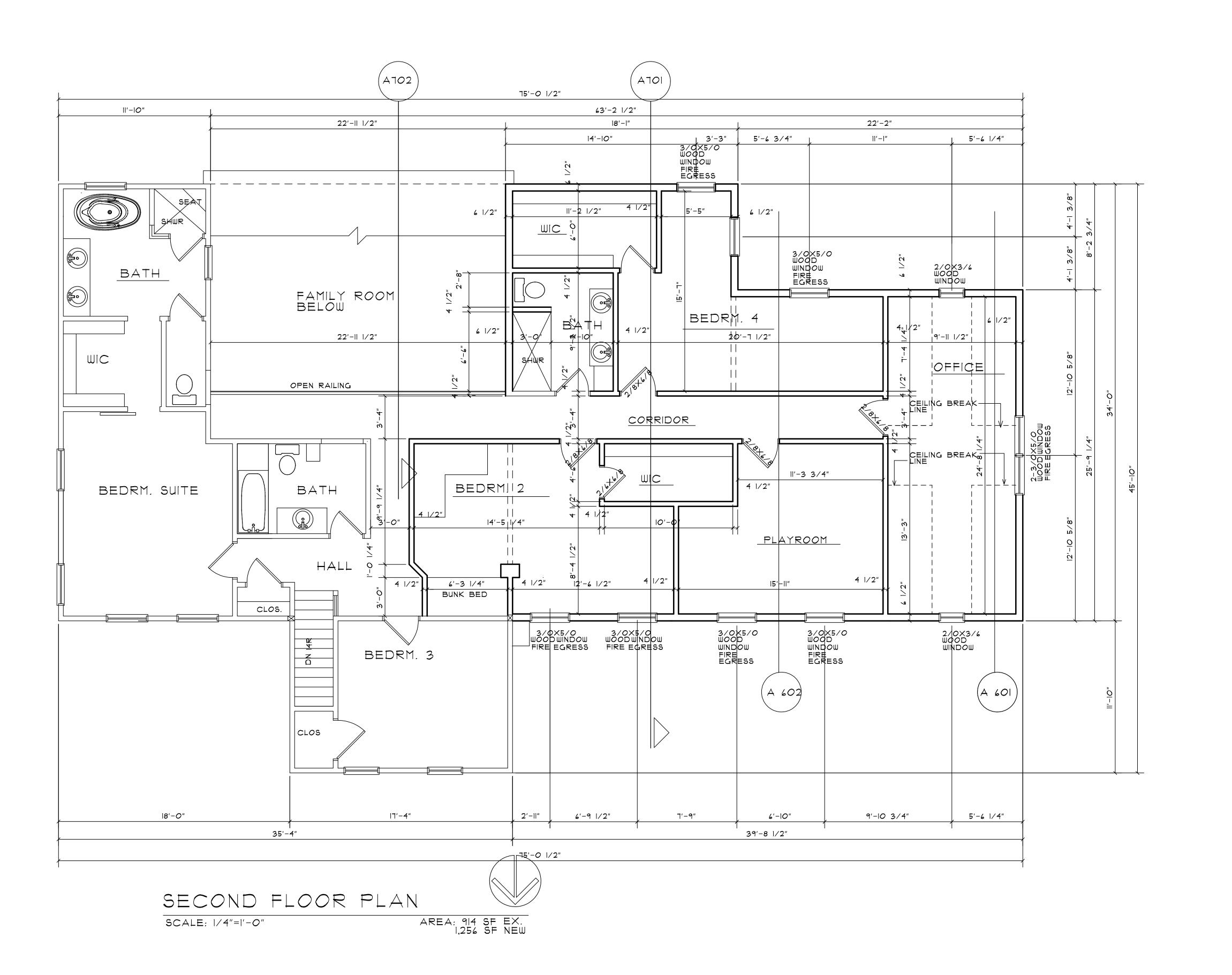
DATE:



SEAL SHEET NO.

A 200

JOB NUMBER



126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sbcglobal.net

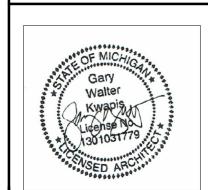
PROPOSED ADDITION AND RENOVATION 1046E. TIENKEN ROAD MR. AND MRS. SINCOLA

> 2-2|-2025 2-|8-2025 8-30-2023

4-7-2023 2-15-2023 REVISION: DRAWN BY:

CHECKED BY:

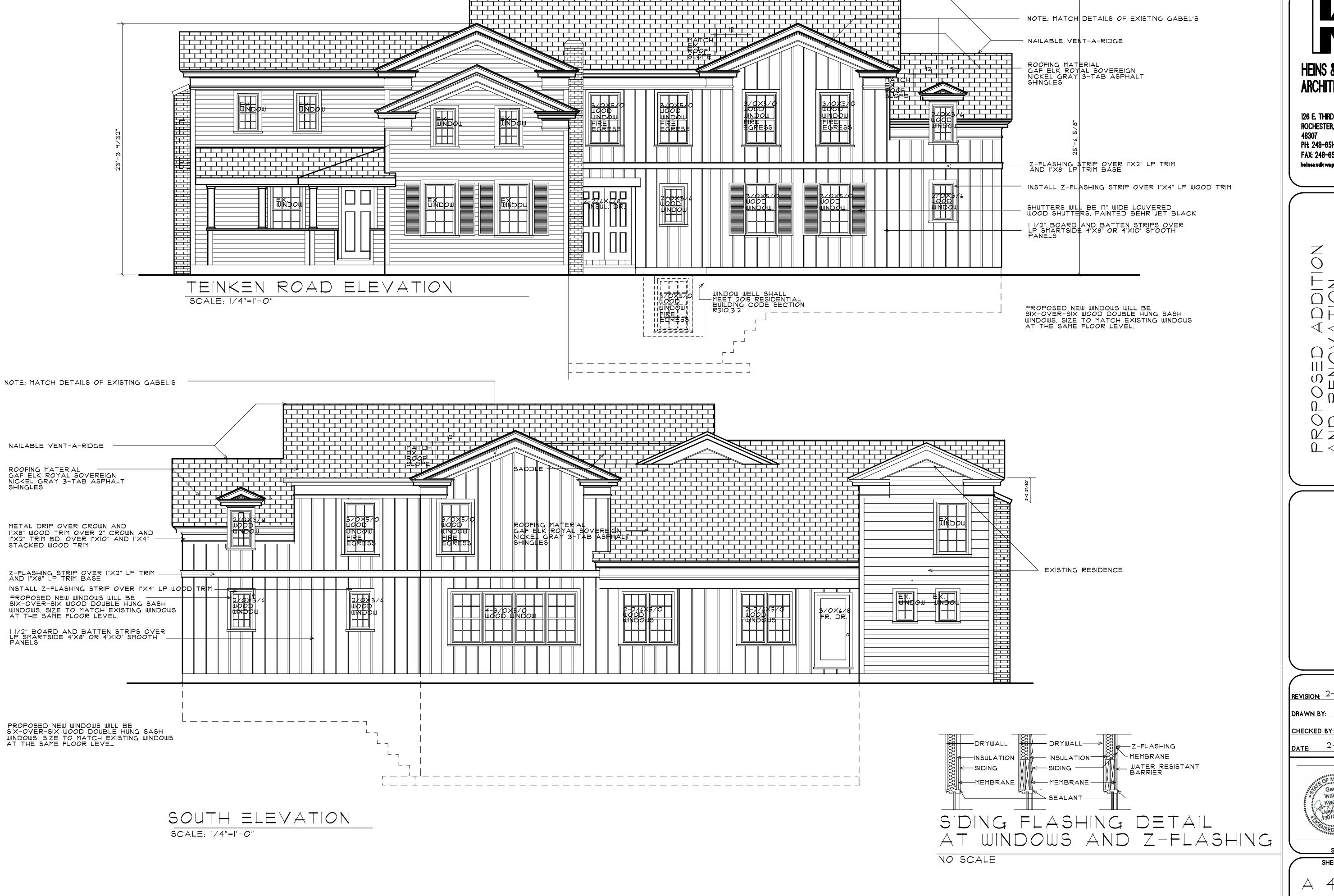
DATE:



SEAL SHEET NO.

A 300

JOB NUMBER 22-090-RA



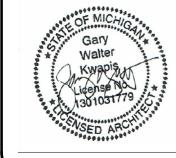
126 E. THIRD STREET ROCHESTER, MICHIGAN PH: 248-651-6766 FAX: 248-651-8969 heinsandkwapis@sbcglobal.net

O \vdash \angle $O \cup \vec{n}$ $\mathbb{K} \subseteq \frac{4}{3} \mathbb{K}$ $\mathbb{L} \triangleleft \underline{O} \stackrel{\Sigma}{\Sigma}$

REVISION: 2-2|-2025

DRAWN BY:

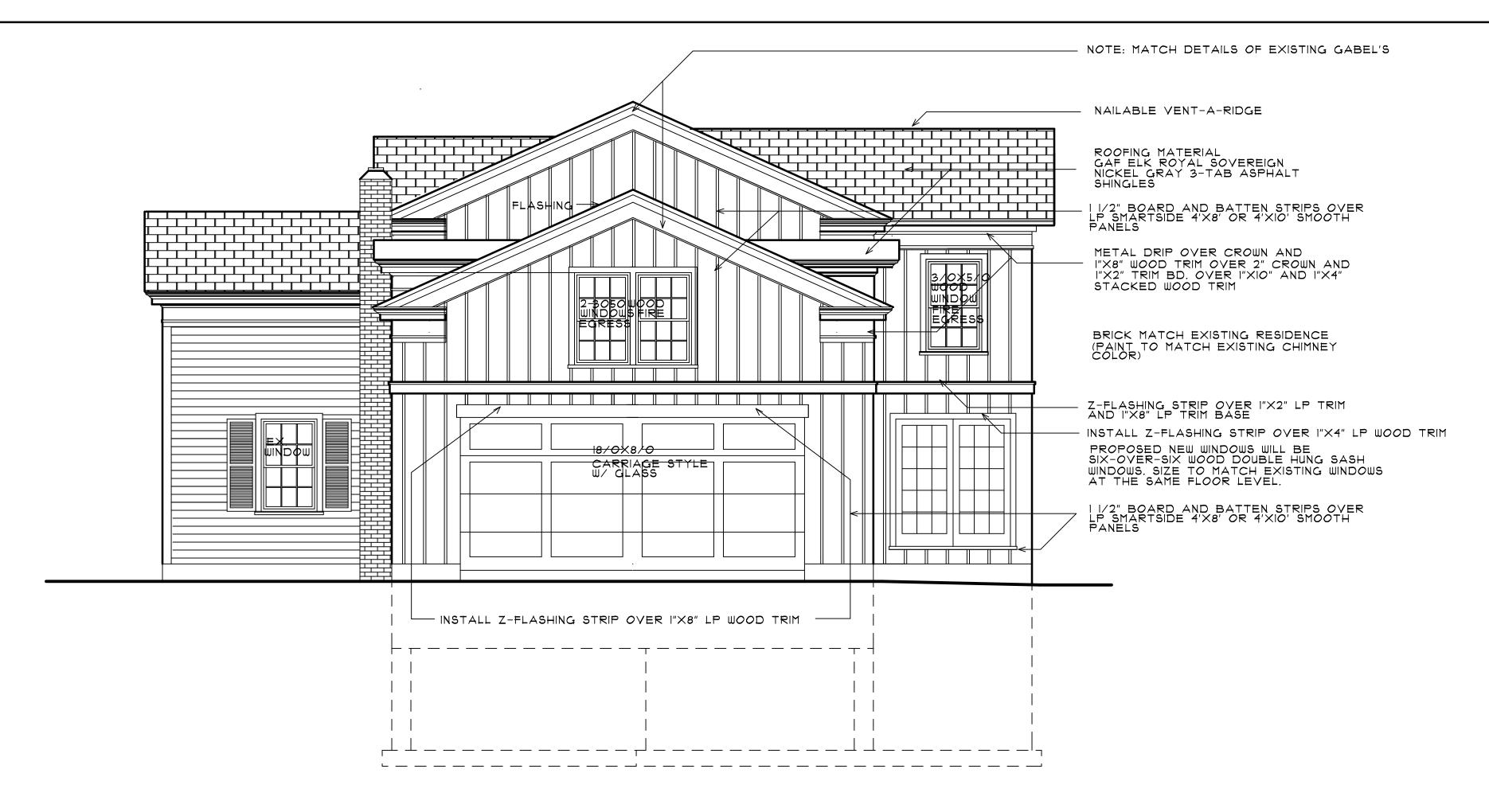
DATE: 2-18-2025



SHEET NO.

A 400

JOB NUMBER 22-090-RA



WEST ELEVATION

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

GENERAL NOTES:

I. ALL GUARDRAILS AND HANDRAILS SHALL MEET THE 200 LB. SINGLE CONCERTRATED LOAD APPLIED IN ANY DIRECTION AT A POINT ON THE TOP OF EITHER THE HANDRAIL OR GUARDRAIL. 2. THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24" FROM THE ADJOINING FINISH FLOOR THAT THE WINDOW IS LOCATED. WHEN SUCH WINDOW IS LOCATED MORE THAN 12" TO THE ADJOINING GRADE OR SURFACE.

3. ATTIC ACCESS PANEL SHALL BE SEALED PER MRC 2015 4. AIR LEAKAGE TEST WILL BE DONE TO COMPLY WITH MRC. 2015. 5. ALL BALUSTER SPACING SHALL BE LESS THAN 4" ON PORCH

RAILINGS AND STAIR RAILINGS. 6. POURED CONCRETE WALLS SHALL BE VIBRATED IN 20" MAXIMUM LIFTS DURING THE POURING OPERATION IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE.

7. ALL EGRESS WINDOWS SHALL BE PER MRC 2015. SEC.R 310
8. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. MINIMUM OPENING NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES. MINIMUM OPENING WIDTH SHALL BE 20 INCHES. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE, NOTE: GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET. SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR.

9. HAZARDOUS LOCATIONS: THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:
1. GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BIFOLD DOORS.

2. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITH A 24" ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE.

WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE.

EXCEPTIONS:

1. DECORATIVE GLAZING.

2. WHEN THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING.

3. GLAZING IN WALLS ON THE LATCH SIDE OF AND PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION.

4. GLAZING ADJACENT TO A DOOR WHER ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET OR LESS IN DEPTH.

5. GLAZING THAT IS ADJACENT TO THE FIXED PANEL OF PATIO DOORS.

3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:

3.1 THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQUARE FEET.

3.2 THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FLOOR:

3.3 THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHES ABOVE THE FLOOR:

3.4 ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE OF GLAZING.

3.4 ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE OF GLAZING.

ALL GLAZING IN RAILINGS REGARDLESS OF AREA OF HEIGHT ABOVE A WALKING SURFACE. INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL INFILL PANELS.

GLAZING IN ENCLOSURES FOR OR WALL FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS WHER THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.

EXCEPTION: GALZING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WALLING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WALLING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WALLING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WALLING THAT IS MORE THAN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, FROM THE WALLING THAT IS AND SPAS WHERE THE

6. GLAZING IN WALLS AND FENCES ADGACENT TO INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUB AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE AND WITHIN 60 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE WATER'S EDGE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING.

MINIMUM CATEGORY CLASSIFICATION OF GLAZING USING CPSC 16 CFR 1201 IO. CARBON MONOXIDE ALARMS: FOR NEW CONSTRUCTION AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITYH OF THE BEDROOMS IN DWELLING UNITS WITHIN WHICH FUEL-FIRED APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES. ALARM REWQUIREMENTS: SINGLE STATION CARBON MONOXIDE ALARMS SHALLBE LISTED AS COMPLYING WITH UL 2034 AND SHALL BE

PROVIDED IN ACCORDANCE WITH THE ABOVE STATEMENT II. CONTRACTOR OR OWNER TO SUBMIT ROOF TRUSS LAYOUT AND TRUSS DRAWINGS PRIOR TO ROUGH INSPECTION, STAMPED TRUSS DOCUMENTS WILL BE SUBMITTED. ARCHITECTS P.C.

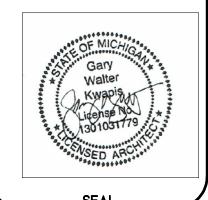
126 E. THIRD STREET ROCHESTER, MICHIGAN PH: 248-651-6766 FAX: 248-651-8969 heinsandkwapis@sbcglobal.net

 \angle

 $\mathbb{Z} \stackrel{4}{\sim} \mathbb{Z}$ $\mathbb{L} \triangleleft \overline{\mathbb{D}} \stackrel{\times}{=} \mathbb{E}$

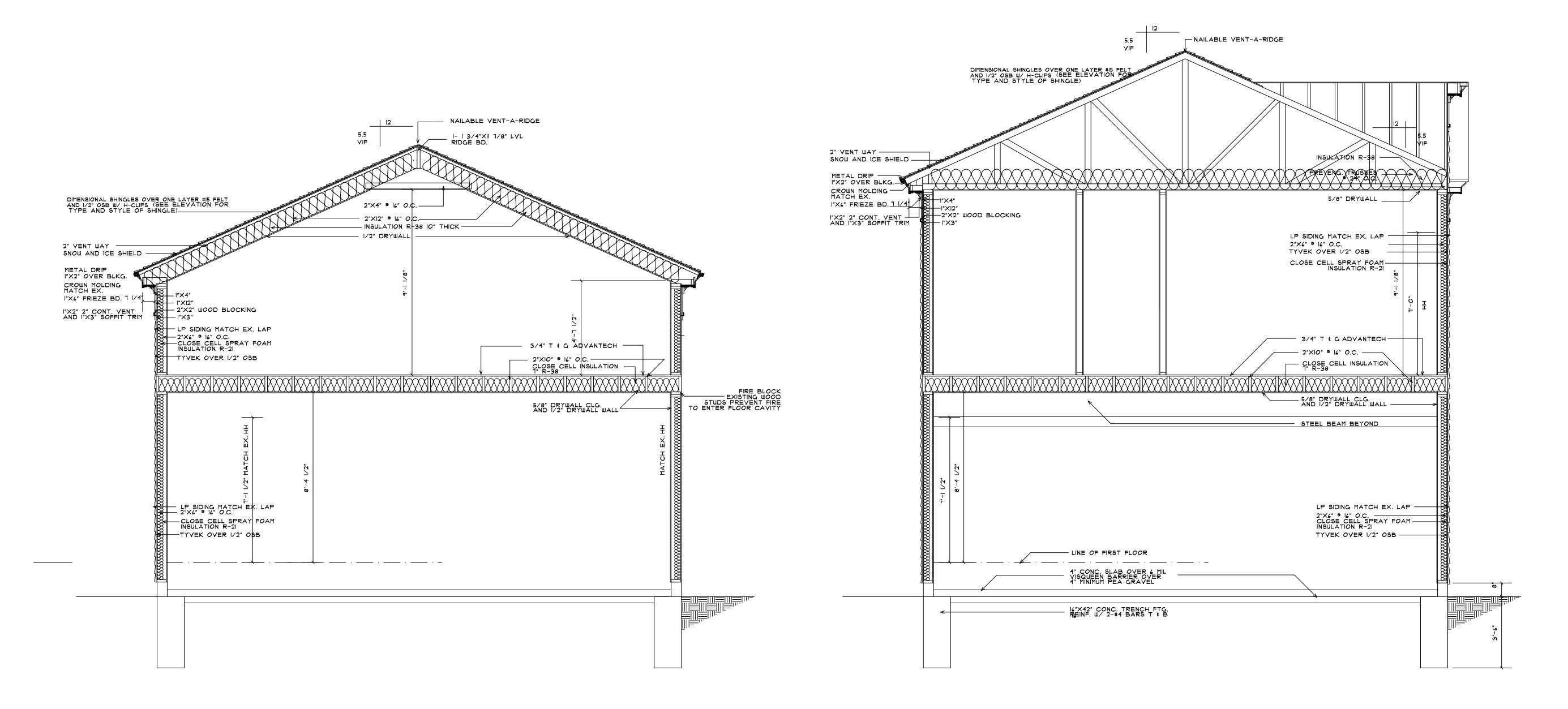
DRAWN BY:

CHECKED BY: 2-18-2025

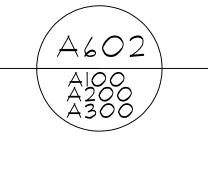


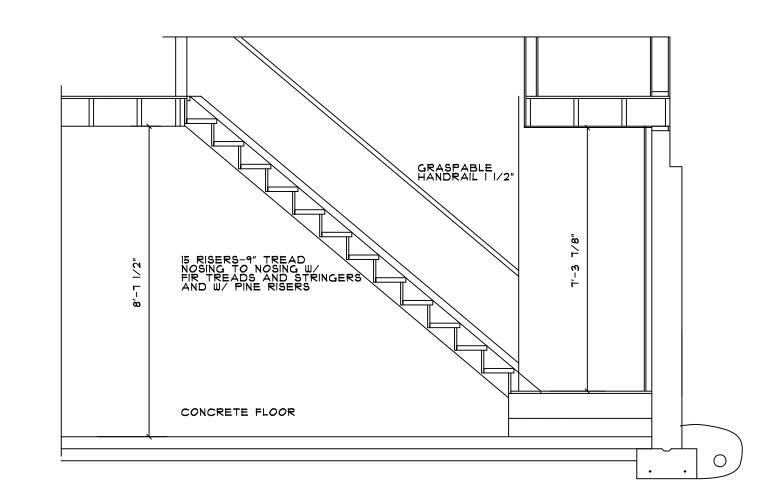
SHEET NO.

JOB NUMBER









STAIR SECTION

SCALE: 3/8"=1'-0"

HEINS & KWAPIS ARCHITECTS P.C.

126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sbcglobal.net

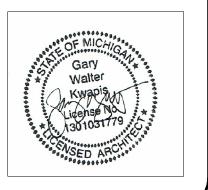
PROPOSED ADDITION AND RENOVATION 1046E. TIENKEN ROAD

<u>revisio</u><u>№</u>-2|-2025

DRAWN BY:

CHECKED BY:

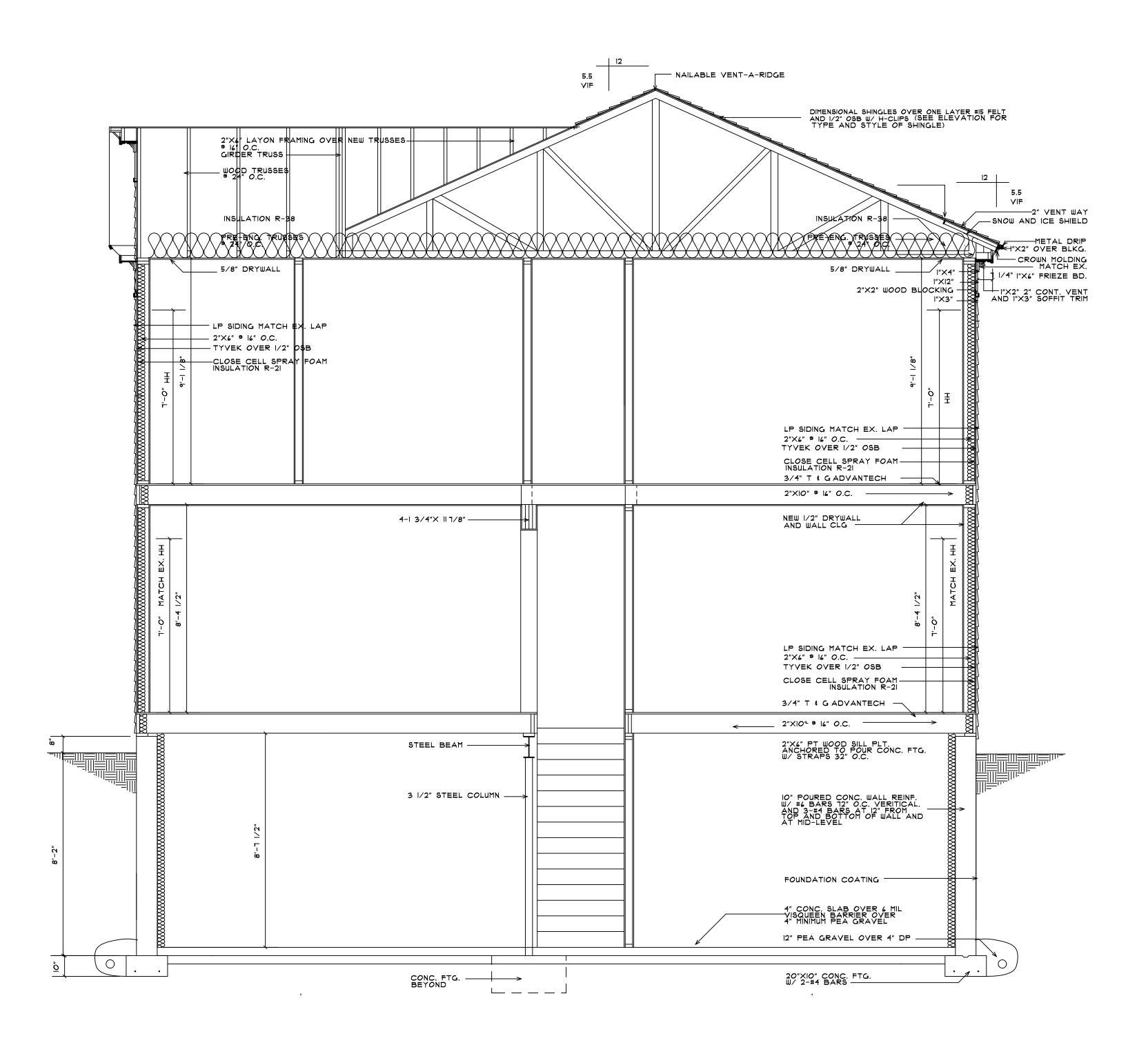
DATE: 2-18-2025

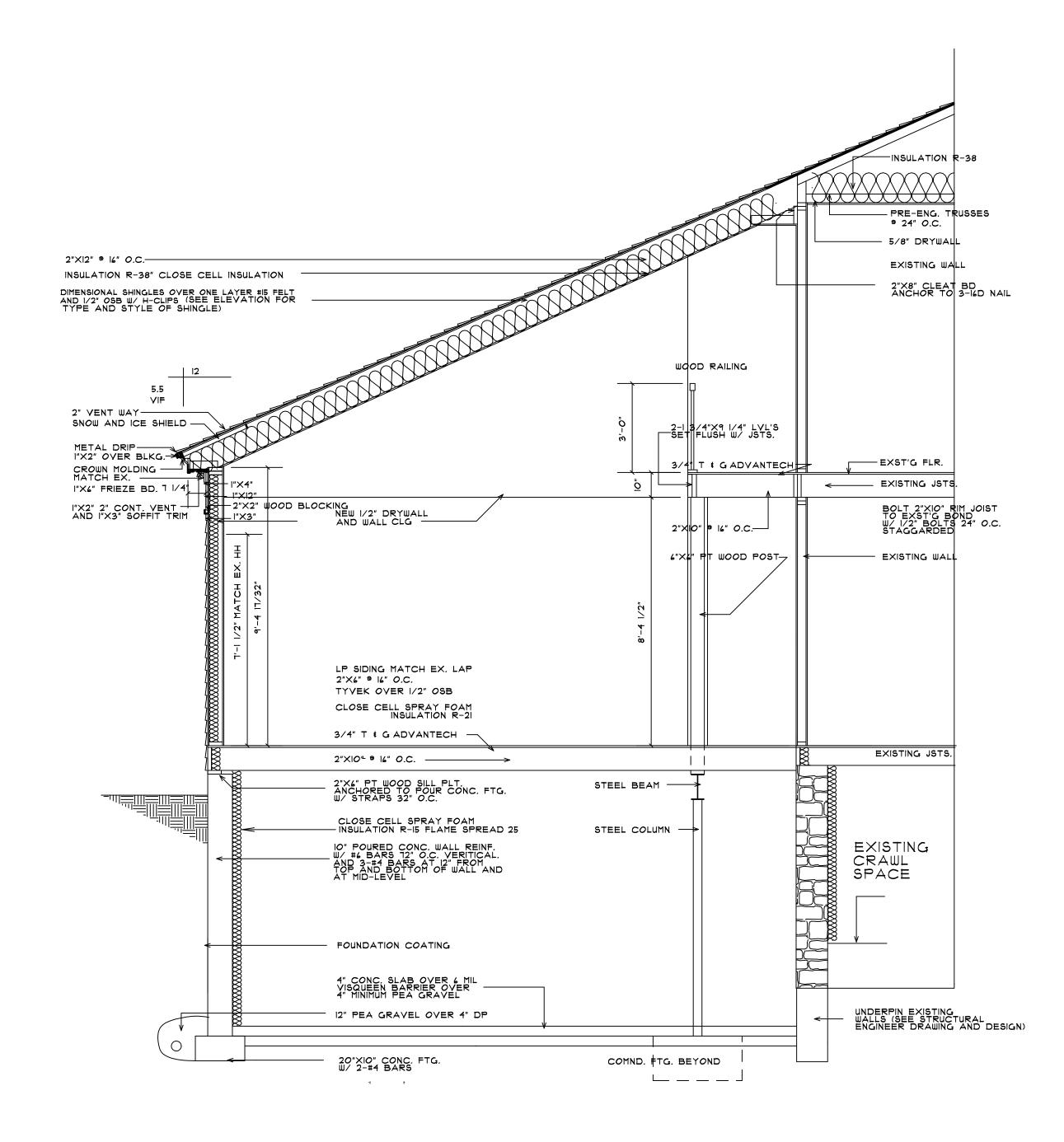


SHEET NO.

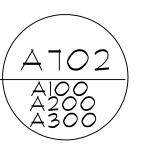
A 600

JOB NUMBER









126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sboglobal.net

AND RENOVATION 1046E, TIENKEN ROAD

 $\frac{O}{\vdash}$

 $\overline{\square}$

 \bigcap

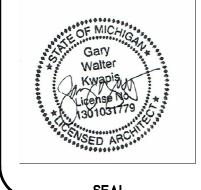
O 0\(\alpha\)

2-2|-2025 REVISION:

DRAWN BY:

CHECKED BY:

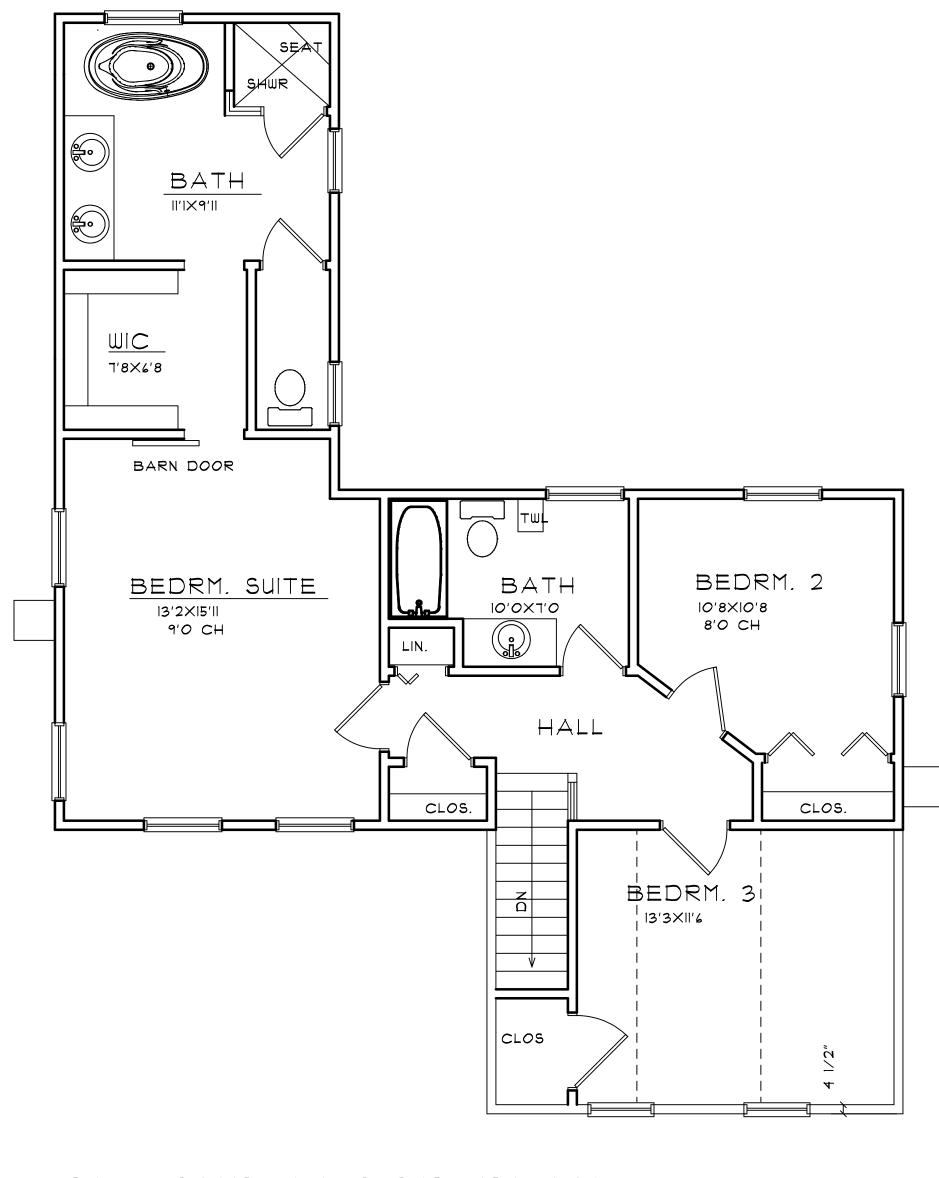
DATE: 2-18-2025



SHEET NO.

A 700

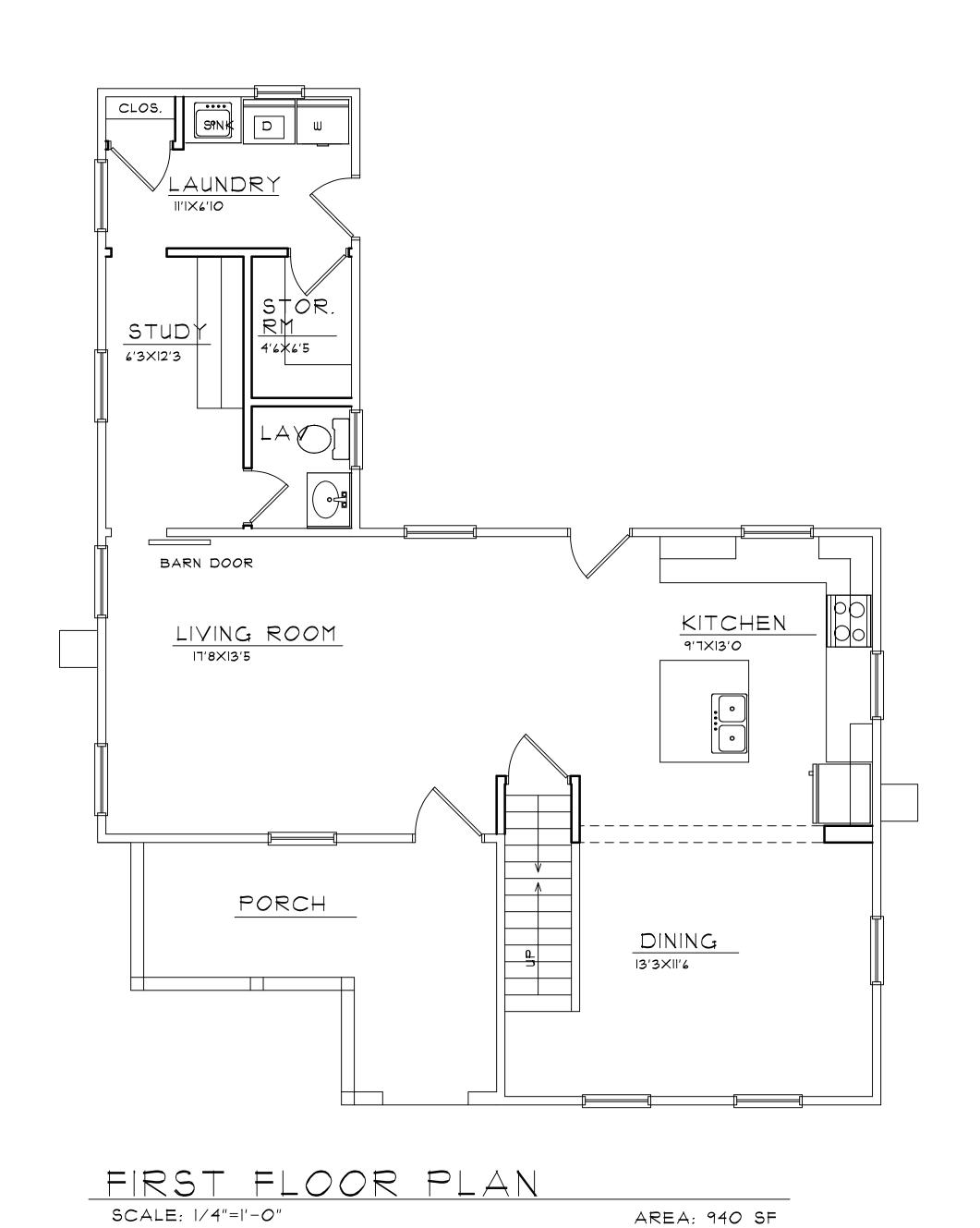
JOB NUMBER



SECOND FLOOR PLAN

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

AREA: 914 SF



HEINS & KWAPIS ARCHITECTS P.C.

126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969

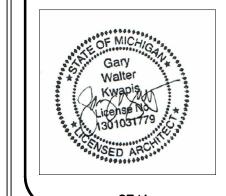
PROPOSED ADDITION AND RENOVATION 1046E. TIENKEN ROAD MR. AND MRS. SINCOLA

|| (| 2-2|-2025 |

CHECKED BY:

DRAWN BY:

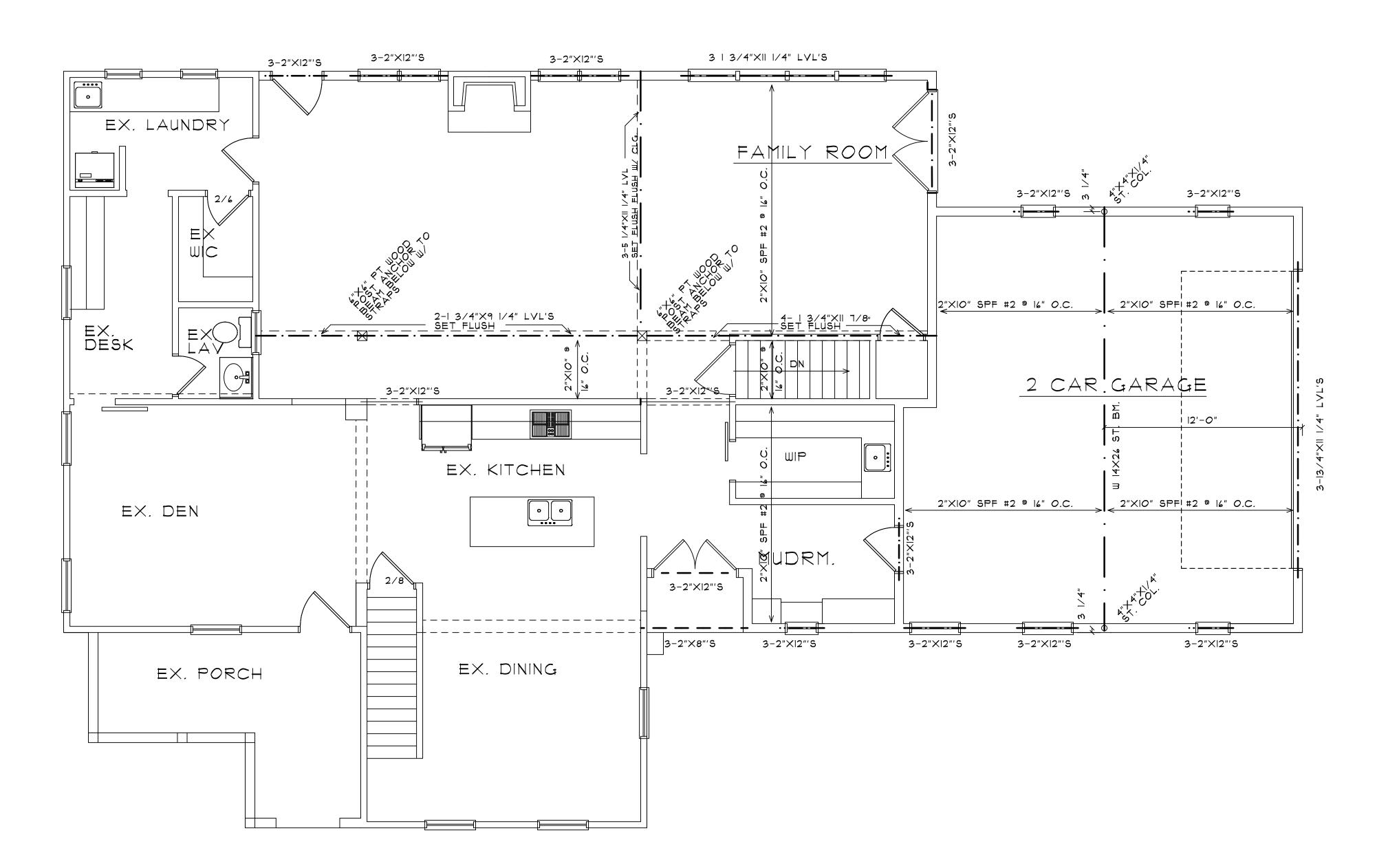
DATE: 2-18-2025



SHEET NO.

EX 100

JOB NUMBER



SECOND FLOOR AND ROOF FRAMING

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

HEINS & KWAPIS ARCHITECTS P.C.

126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sboglobal.net

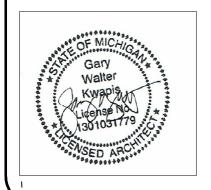
PROPOSED ADDITION AND RENOVATION 1046E. TIENKEN ROAD

<u>REVISION:</u> 2-2|-2025

DRAWN BY:

CHECKED BY:

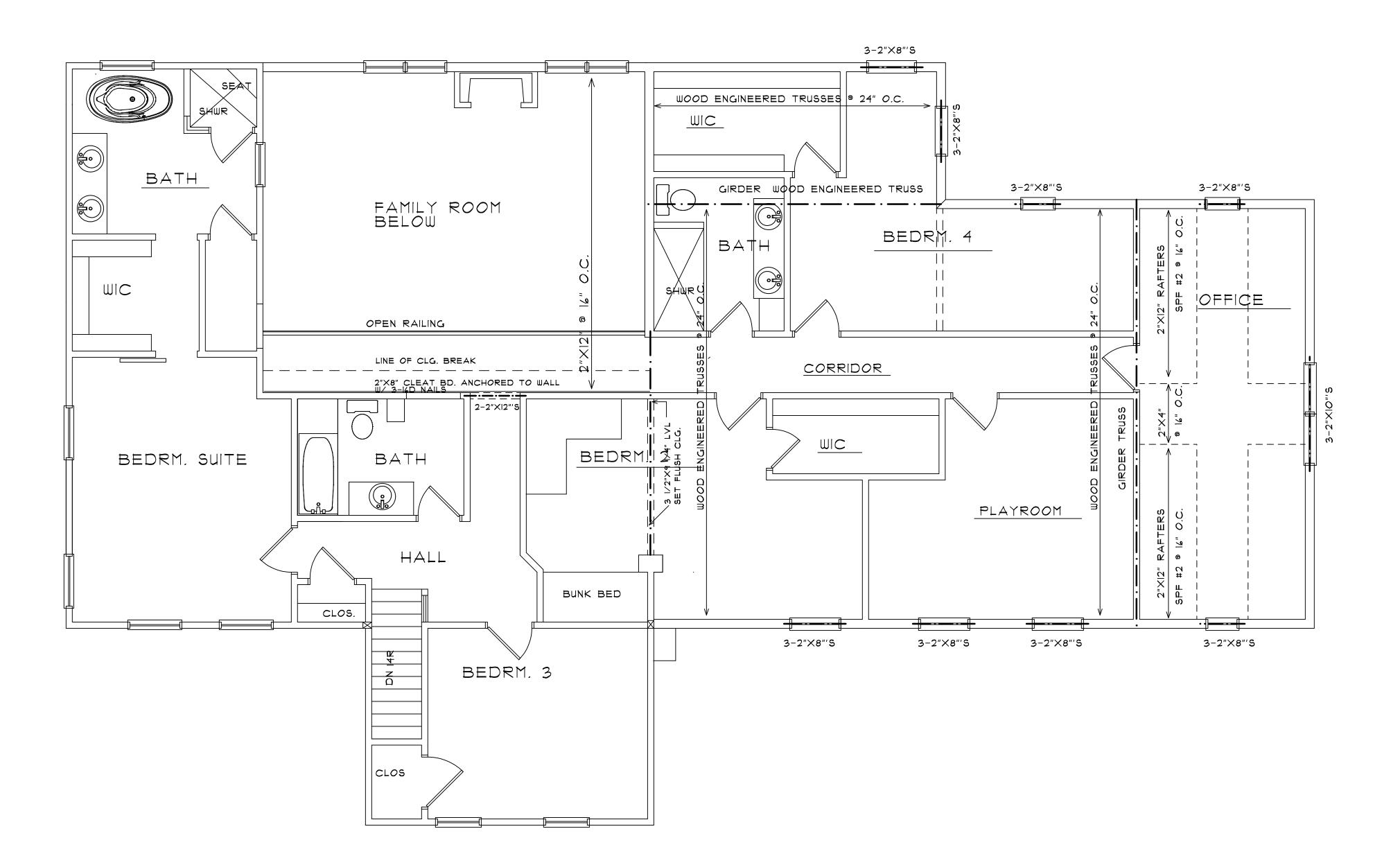
DATE: 2-18-2025



SEAL SHEET NO.

S 100

JOB NUMBER



ROOF FRAMING PLAN

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

HEINS & KWAPIS ARCHITECTS P.C.

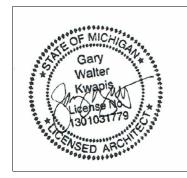
126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sbcglobal.net

PROPOSED ADDITIOAND RENOVATION 1046E. TIENKEN ROAD MR. AND MRS. SINCOLA

DRAWN BY:

CHECKED BY:

DATE: 2-18-2025

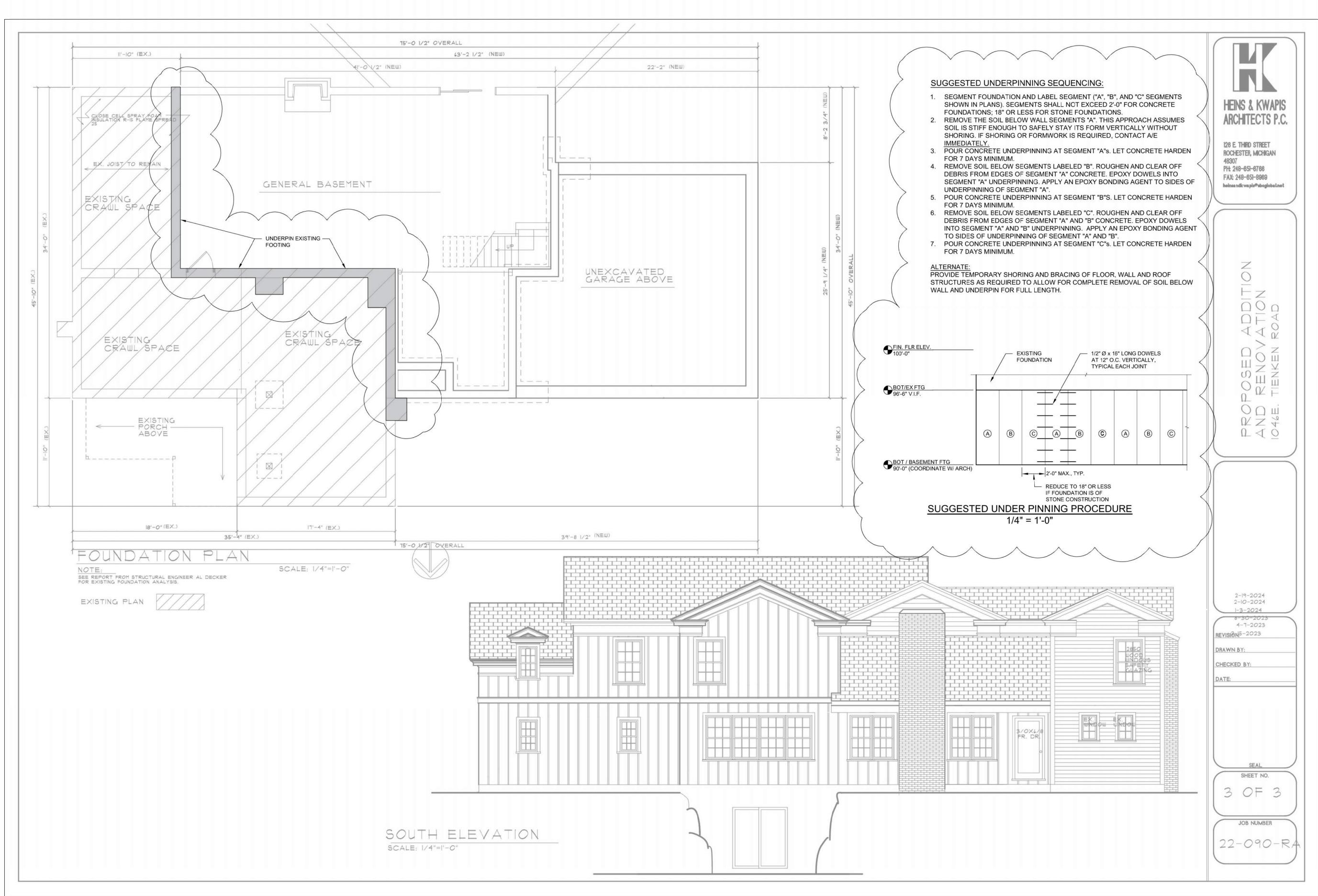


SEAL

SHEET NO.

S 200

JOB NUMBER





51301 Schoenherr Road Shelby Township, MI 48315 586.726.1234 | aewinc.com

Engineering Strong Communities



DATE SUBMITTALS/REVISIONS
PROJECT NAME:

SINACOLA

SINACOLA FOUNDATION UNDERPINNING

SHEET TITLE:

UNDERPINNING PLAN AND DETAIL

CLIENT:

SINACOLA

PRELIMINARY CONSTRUCTION RECORD

DRAWN BY: CHECKED BY: DATE:

NMA KEZ NOVEMBER 2024

SCALE:

AS NOTED



Know what's below. Call 72 hours before you dig.

UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY, AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED

PAY ITEM CONFLICTING WITH THAT UTILITY).

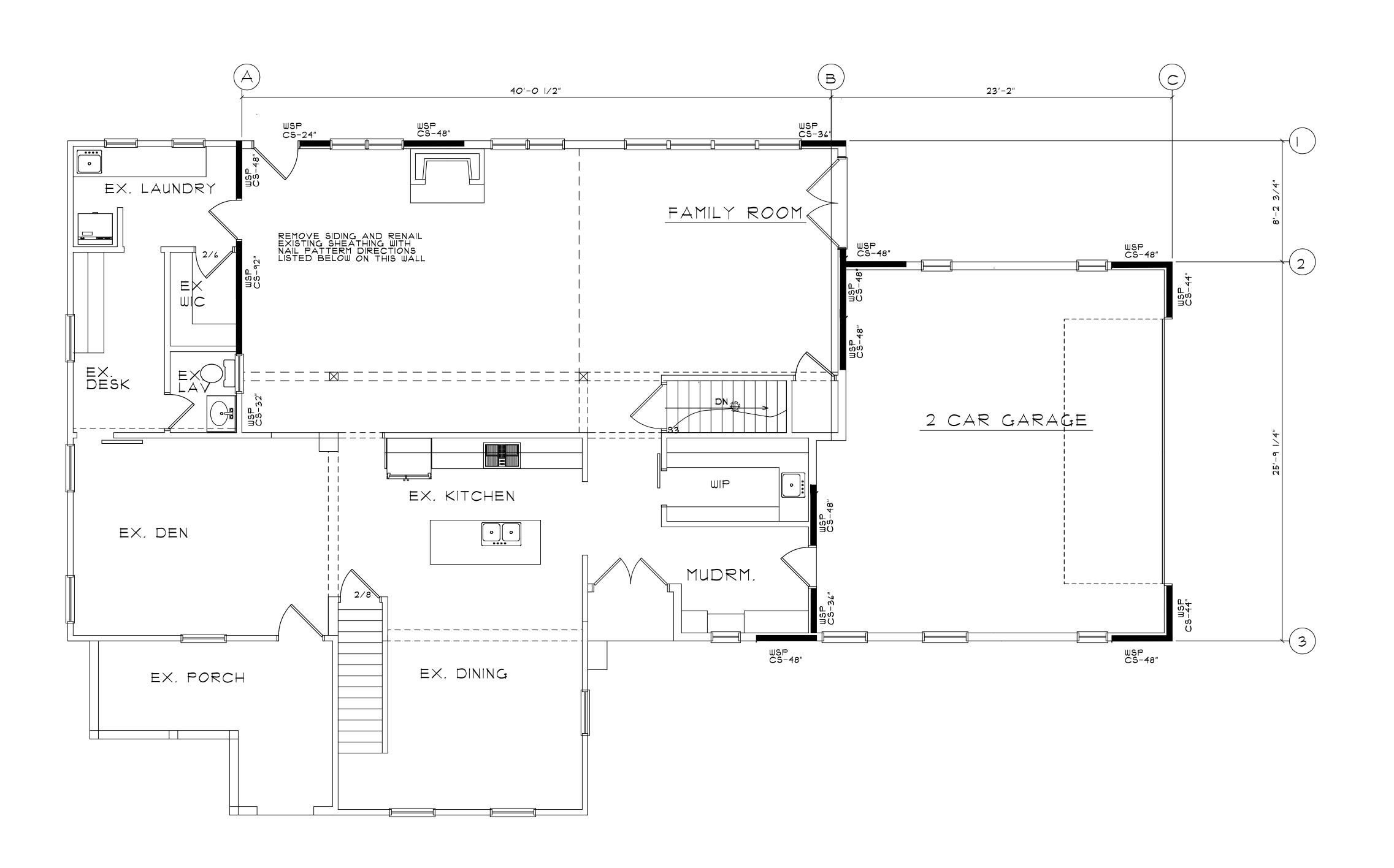
DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 1744-0001

M:\1744\1744-0001\CAD\DRAWINGS\CONSTRUCTION\ARCH\UNDERPINNING.DWC

S100

COPYRIGHT, 2024, ANDERSON, ECKSTEIN AND WESTRICK, INC.



126 E. THIRD STREET ROCHESTER, MICHIGAN PH: 248-65I-6766 FAX: 248-651-8969 heinsandkwapis@sbcglobal.net

び 4 0 以 N 4 0 0 m

REVISION: 2-18-2025

DRAWN BY:

CHECKED BY:

WIND BRACING FIRST FLOOR

0.95

0.95 1.00 1.00

LINE METHOD SPACING (IN FEET)

A CS-WSP 40.0 1.30 1.00
B CS-WSP 40.0 1.30 0.95

C CS-WSP 23.161 1.30

LINE MULTIPLIER WALL HGT. ROOF EAVE TO REQUIRED BRACING REQUIRED BRACING REQUIRED BRACING REQUIRED BRACING LENGTH PROVIDED (IN FEET)

1.00 11.5

1.00 II.5 1.00 4.0

1.00 3.5 1.00 4.1 1.00 4.1

14.95 14.20 5.2

4.32 5.33 5.33

15.0

15.*O* 8.*O*

8.0

8.0

7.33

YES

YES

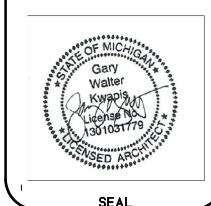
YES

YES

YES

YES

YES



SHEET NO.

JOB NUMBER

22-090-RA

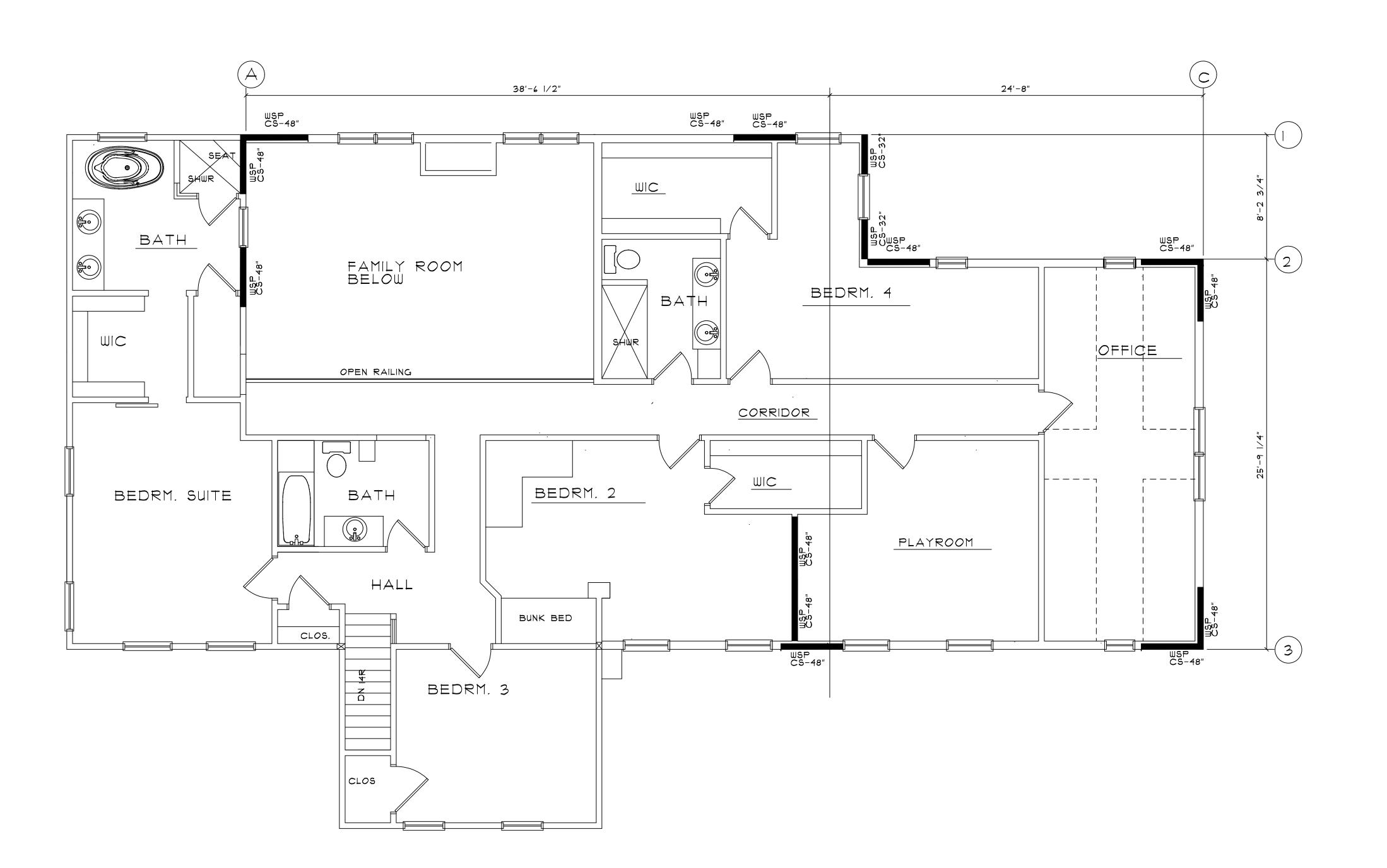
FIRST FLOOR BRACE WALL

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

CS-WSP NAILING PATTERN PER TABLE R602.10.4 MRC 2015 6" EDGES AND 12" FIELD FASTERNERS PER TABLE R602.10.6.3 MRC 2015CS

CS- PF NAILING PATTERN PER SECTION R602.10.6.4 FASTENERS PER SECTION R602.10.6.4

NOTE: PROVIDE BLK'G AT ALL SEAM POINTS WHERE CS PANELS FALL BETWEEN FRAMEING MEMBERS WIND LOAD 115 MPH



SECOND FLOOR BRACE WALL

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

CS-WSP NAILING PATTERN PER TABLE R602.10.4 MRC 2015 6" EDGES AND 12" FIELD FASTERNERS PER TABLE R602.10.6.3 MRC 2015CS

CS- PF NAILING PATTERN PER SECTION R602.10.6.4 FASTENERS PER SECTION R602.10.6.4

NOTE: PROVIDE BLK'G AT ALL SEAM POINTS WHERE CS PANELS FALL BETWEEN FRAMEING MEMBERS

WIND LOAD 115 MPH

WIND BRACING FIRST FLOOR									
E	METHOD	SPACING (IN FEET)	# LINE MULTIPLIER	MULTIPLIER	EAVE TO	LENGTH TABLE R602.10.1.2 IN FEET	CALCULTED REQUIRED BRACING LENGTH (IN FEET)	BRACING LENGTH PROVIDED (IN FEET)	PASSED
,	CS-WSP	38.5	1.30	0.95	1.00	6.0	7.41	8.0	YES
	CS-WSP	38.5	1.30	0.95	1.00	6.0	7.41	13.33	YES
;	CS-WSP	24.66	1.30	0.95	1.00	4.0	4.94	8.0	YES
									YES
	CS-WSP	8.25	1.30	0.95	1.00	2.0	2.47	8.0	YES
2	CS-WSP CS-GB	25 <i>.</i> 75	1.30	0.95	1.00	4.0	4.94	8.0	YES
3	CS-WSP	25.75	1.30	0.95	1.00	4.0	4.94	8.0	YES

HEINS & KWAPIS ARCHITECTS P.C.

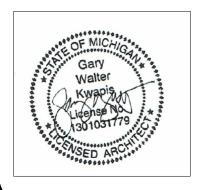
126 E. THIRD STREET
ROCHESTER, MICHIGAN
48307
PH: 248-651-6766
FAX: 248-651-8969
heinsandkwapis@sbcglobal.net

PROPOSED ADDITION AND RENOVATION 1046E, TIENKEN ROAD MR. AND MRS. SINCOLA

2-18-2*0*25 <u>REVISION:</u>

DRAWN BY:

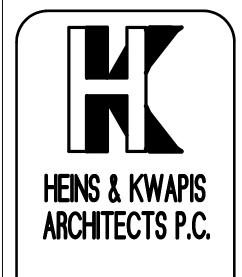
CHECKED BY:



SEAL SHEET NO.

BW 200

JOB NUMBER



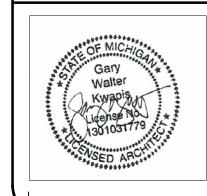
126 E. THIRD STREET ROCHESTER, MICHIGAN PH: 248-651-6766 FAX: 248-651-8969 heinsandkwapis©sbcglobal.net

PROPOSED ANN PR. AND MRS. SIN

2-21-2025 2-18-2025

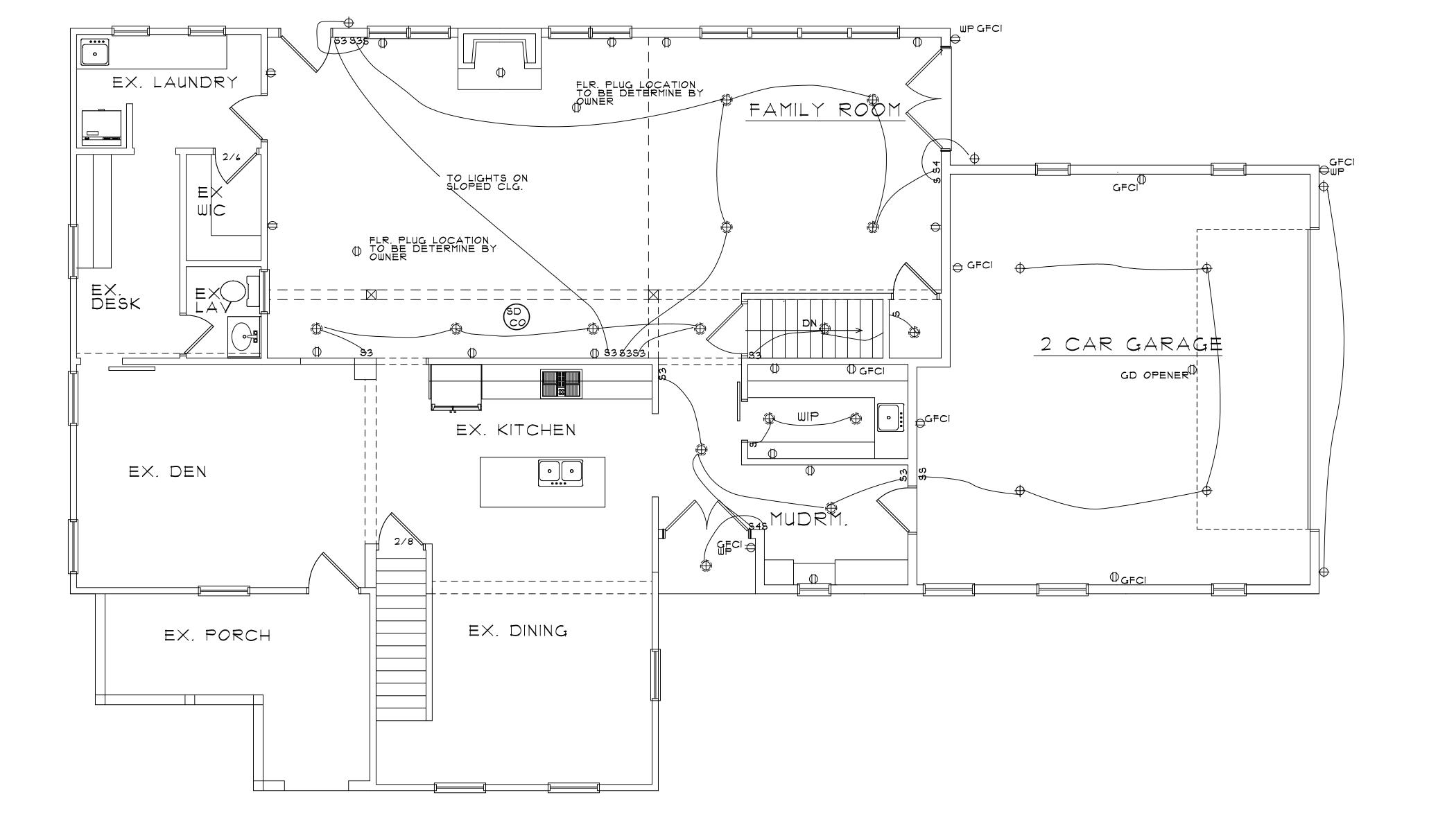
DRAWN BY:

CHECKED BY: DATE: 1-8-2025



SHEET NO.

JOB NUMBER 22-090-RA



FIRST FLOOR ELECTRICAL PLAN

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

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

RECESSED LIGHT

+ UNDER CABINET FLOOD LIGHT CEILING FAN

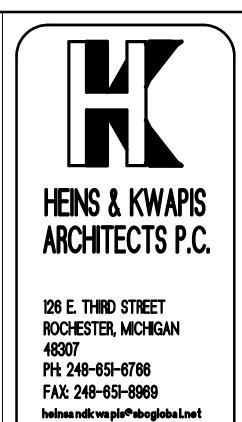
F FAN GD OPENER GARAGE DOOR OPENER ØGFCI GROUND FAULT CIRCUIT INTERRUPTER

S3 3 WAY SWITCH

S SINGLE POLE SWITCH

S 4 WAY SWITCH

SMOKE DETECTOR AND CO DETECTOR COMBO UNIT

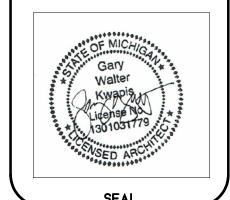


PROPOSED AND RENOVA 1046E. TIENKEN R MR. AND MRS. SIN

2-2|-2025 2-|8-2025

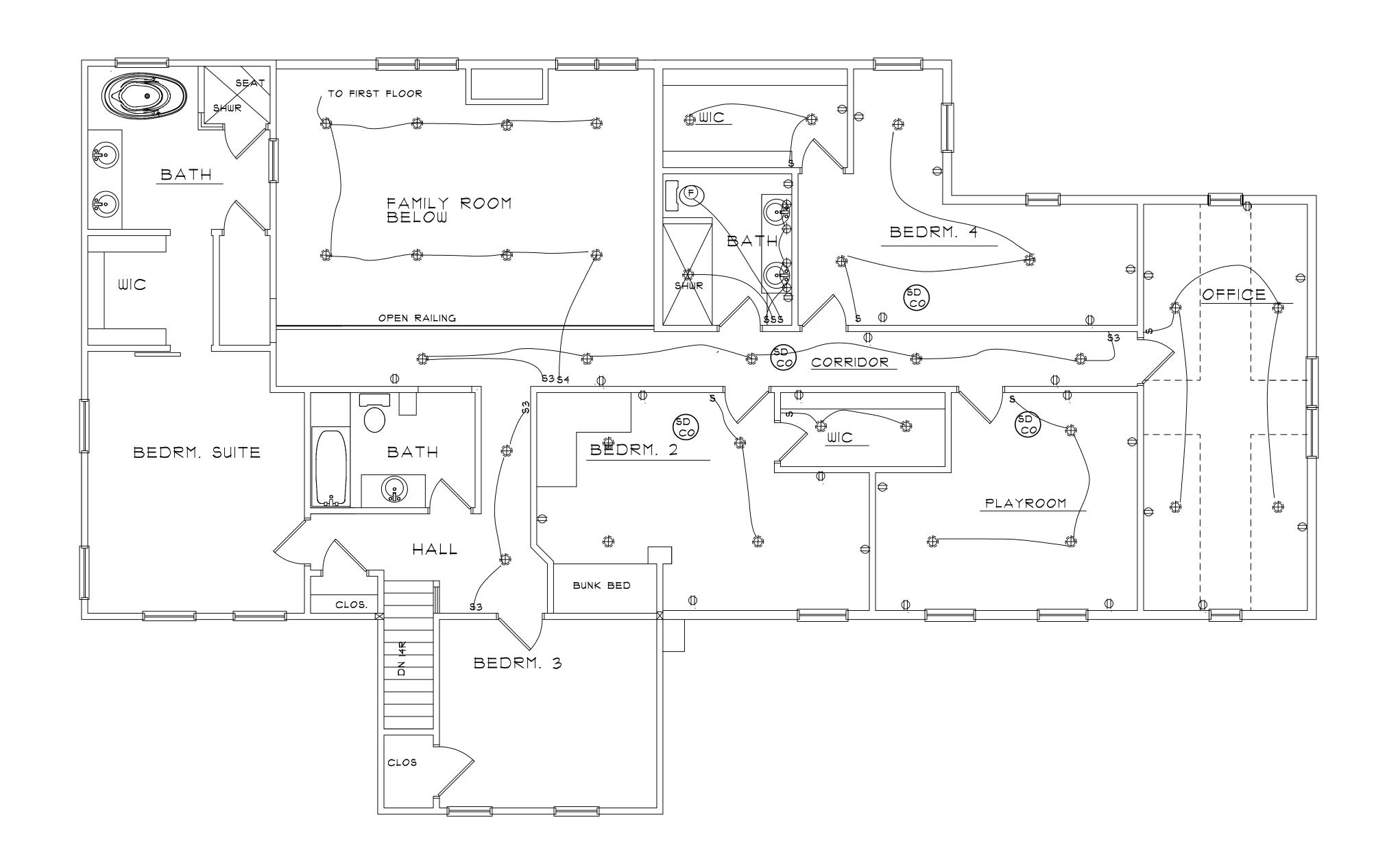
DRAWN BY:

CHECKED BY: 1-8-2025



SHEET NO.

JOB NUMBER 22-090-RA



SECOND FLOOR ELECTRICAL PLAN

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

LEGEND

→ CEILING LIGHT RECESSED LIGHT

WALL LIGHT

SMOKE DETECTOR
AND CO DETECTOR
COMBO UNIT

O UNDER CABINET FLOOD LIGHT CEILING FAN

F FAN FAN/LIGHT

GD OPENER GARAGE DOOR OPENER \$\Psi\$ GFCI GROUND FAULT CIRCUIT INTERRUPTER

S3 3 WAY SWITCH DWP GFCI WEATHER PLUG RECEPTACLE GROUND FAULT CIRCUIT INTERRUPTER
S SINGLE POLE SWITCH
S4 4 WAY SWITCH