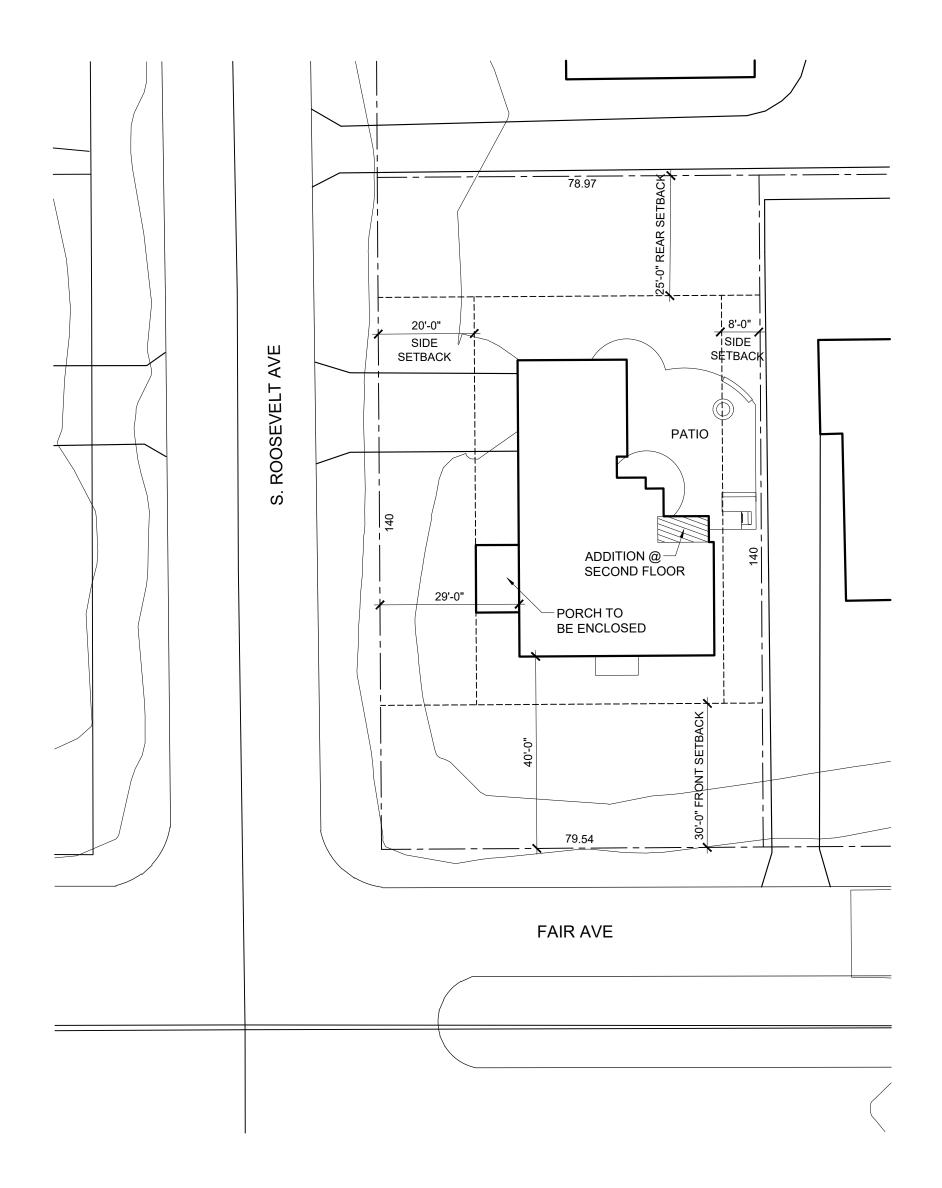




COPYRIGHT 2023

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS GENERATED SHALL REMAIN THE PROPERTY OF GARY J. ALEXANDER, ARCHITECT AND MAY NOT BE USED, DUPLICATED, OR ALTERED, WITHOUT WRITTEN CONSENT OF THE ARCHITECT.





PARCEL ID: ZONING CLASSIFICATION: LOT AREA:

PERMITTED BUILDING COVER EXISTING BUILDING COVER

PERMITTED DEVELOPMENT COVER EXISTING DEVELOPMENT COVER

020-003246-00 R-6 11,095± SQ. FT.

-	3,883 SQ. FT. 2,085 SQ. FT.
-	6,657 SQ. FT. 3,429 SQ. FT.

35.0% OF LOT AREA 18.8% OF LOT AREA (NO CHANGE)

60.0% OF LOT AREA 30.9% OF LOT AREA (NO CHANGE)

GENERAL NOTES

1. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL STATE AND LOCAL CODES, INCLUDING THE RESIDENTIAL CODE OF OHIO FOR ONE, TWO, AND THREE FAMILY DWELLINGS AS AMENDED IN 2019. REPORT ANY CONFLICTS OR INCONSISTENCIES TO THE ARCHITECT.

2. OBTAIN MISSING DIMENSIONS OR INFORMATION FROM THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. DO NOT SCALE THE DRAWINGS.

3. SOME DETAILS, SYSTEMS AND MEANS OF CONSTRUCTION ARE SHOWN TYPICALLY FOR A SINGLE CONSTRUCTION DETAIL BUT ARE INTENDED TO BE USED WITH REASONABLE MODIFICATIONS BY THE CONTRACTOR TO APPLY TO ALL REMAINING SIMILAR DETAILS.

 ALL CONTRACTORS SHOULD NOTE THAT A COMPLETE SET OF CONSTRUCTION DOCUMENTS CONSISTS OF THE DRAWINGS, SPECIFICATIONS, CONTRACT, BUILDING AND REGULATORY CODES. THE LEVEL OF WORK WILL BE THE GREATER STANDARD IN THE EVENT OF A CONFLICT BETWEEN THE DOCUMENTS.
 ALL WALLS AND EQUIPMENT ARE PERPENDICULAR TO THE 90 DEGREE GRID UNLESS SPECIFICALLY NOTED OTHERWISE.

 NEW WALLS ARE 5½" AND 3½" WOOD STUD PARTITIONS, STUDS 16" O.C., UNLESS NOTED OTHERWISE.
 CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE ACTUAL SITE CONDITIONS.
 CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR

REMOVAL OF SPOILS, CUTTINGS, DROPPINGS, EXCESS MATERIALS AND DEBRIS.
9. DO NOT REMOVE SALVAGEABLE MATERIALS FROM THE SITE MUTHOUT THE ADDROVAL OF THE OWNERS.

WITHOUT THE APPROVAL OF THE OWNERS.
10. ALL MATERIAL AND COLOR SELECTIONS SHALL BE FURNISHED BY THE ARCHITECT AND/OR OWNERS.
11. GENERAL CONTRACTOR TO COORDINATE ROUGH FRAMING

DIMENSIONS WITH APPLIANCES, CABINETRY, ETC., PRIOR TO INSTALLATION.

12. FIELD VERIFY ALL DIMENSIONS REQUIRED FOR EQUIPMENT, APPLIANCES, CABINETRY, WINDOWS ETC., PRIOR TO INSTALLATION.

13. ALL DIMENSIONS ARE FROM FRAMING TO FRAMING UNLESS NOTED OTHERWISE.

14. BUILDING PERMIT WILL BE OBTAINED AND PAID FOR BY THE CONTRACTOR. ALL PERMITS AND FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.

 THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY MEASURES, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
 THE ARCHITECT AND ENGINEERING CONSULTANTS SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION NOT HEREIN SPECIFIED.

17. SHOP DRAWINGS TO BE SUBMITTED TO THE ARCHITECT FOR ALL CABINETRY

18. GENERAL CONTRACTOR RESPONSIBLE FOR SIZING, CONFIGURATION AND LAYOUT OF HVAC SYSTEM. SUBMIT

PROPOSED HVAC SYSTEM AND LAYOUT TO ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.19. ALL LUMBER TO BE NO. 1 / NO. 2 SPRUCE-PINE-FIR OR BETTER,

UNLESS NOTED OTHERWISE. 20. WINDOWS ARE TO BE MARVIN, SIGNATURE ULTIMATE COLLECTION, WOOD CLAD, WITH LOW-E ARGON-FILLED

INSULATING GLAZING. WINDOWS TO HAVE SDL'S AND SPACER BARS

21. INDIVIDUAL GLAZED AREAS IN HAZARDOUS LOCATIONS SHALL HAVE EACH UNIT OF LAMINATED, HEAT STRENGTHENED, TEMPERED GLASS PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION OF TEMPERED GLASS HALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND BE VISIBLE AFTER INSTALLATION. THE FOLLOWING ARE CONSIDERED HAZARDOUS LOCATIONS FOR PURPOSES OF GLAZING:
a) GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BIFOLD DOORS, EXCEPT OPENINGS THROUGH

WHICH A 6 INCH DIAMETER SPHERE IS UNABLE TO PASS- SEE
CODE FOR EXCEPTIONS (R310.4-1.);
b) GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL
ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS

WITHIN A 24 INCH ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE- SEE CODE FOR EXCEPTIONS (R310.4-2.);

c) GLAZING IN THE INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEET ALL THE FOLLOWING CONDITIONS: -EXPOSED AREA OF THE INDIVIDUAL PANE GREATER THAN 9 SQ. FT.;

- BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR; -TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR; -ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING. (R308.4-3.)

- GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

(R308.4-3.) d) GLAZING IN ENCLOSURES FOR WALLS FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE- SEE CODE FOR EXCEPTIONS. (R308.4-5.) e) GLAZING ADJACENT TO STAIRWAYS, LANDINGS, AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE- SEE CODE FOR EXCEPTIONS. (R308.4-7.)

22. WINDOW MARKED EGRESS ON THE FLOOR PLAN SHALL MEET THE FOLLOWING REQUIREMENTS. EGRESS WINDOWS SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES ABOVE THE FLOOR. THESE WINDOWS MUST HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 24 INCHES. THE MINIMUM NET CLEAR OPENING WIDTH DIMENSION SHALL BE 20 INCHES. (R310.1)

23. ALL NEW TREADS AND RISERS SHALL MEET THE FOLLOWING REQUIREMENTS: THE MAXIMUM RISER HEIGHT SHALL BE 8 ¼" AS MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT VARY BY MORE THAN %". THE MINIMUM TREAD DEPTH SHALL BE 9", AS MEASURED HORIZONTALLY

BETWEEN THE VERTICAL PLANES OF THE FOREMOST
PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO
THE TREAD'S LEADING EDGE. THE TREAD DEPTH WITHIN ANY
FLIGHT OF STAIRS SHALL NOT VARY MORE THAN ³/₈". (R311.7.4)
THE PROFILE OF THE RADIUS OF CURVATURE AT THE NOSING
SHALL BE IN ACCORDANCE WITH R311.7.4.3.
24. SMOKE ALARMS

314.1 GENERAL. SMOKE ALARMS SHALL COMPLY WITH THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72 AND SECTION 314.

314.1.1 LISTINGS. SMOKE ALARMS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 217 AND UL 2034. 314.1.2 TECHNOLOGIES. ON EACH LEVEL WITHIN EACH DWELLING UNIT SMOKE ALARMS UTILIZING PHOTOELECTRIC AND IONIZATION TECHNOLOGIES SHALL BE INSTALLED. SEPARATE OR

DUAL-SENSING SMOKE ALARMS MAY BE USED. A SMOKE ALARM LOCATED IN ACCORDANCE WITH SECTION 314.3(2) SHALL INCLUDE PHOTOELECTRIC TECHNOLOGY. EXCEPTION: A SYSTEM MEETING THE REQUIREMENTS OF SECTION 314.7 IS NOT REQUIRED TO INCLUDE BOTH TECHNOLOGIES.

314.2.2 ALTERATIONS, REPAIRS, AND ADDITIONS. WHERE ALTERATIONS, REPAIRS, OR ADDITIONS REQUIRING AN APPROVAL OCCUR, SMOKE ALARMS SHALL BE INSTALLED, AS REQUIRED FOR NEW CONSTRUCTION, AS FOLLOWS:

1. WHEN ALTERATIONS OR REPAIRS ARE MADE TO SPACES DESCRIBED IN ITEMS 1 AND 2 OF SECTION 314.3, SMOKE ALARMS SHALL BE PROVIDED IN THOSE AREAS.

2. WHEN ONE OR MORE SLEEPING ROOMS ARE ADDED TO OR CREATED IN EXISTING DWELLING UNITS, THE NEW SLEEPING ROOMS AND THE IMMEDIATE VICINITY OUTSIDE EACH SLEEPING ROOM SHALL BE EQUIPPED WITH SMOKE ALARMS. EXCEPTIONS:

1. WORK INVOLVING THE EXTERIOR SURFACES OF DWELLINGS, SUCH AS THE REPLACEMENT OF ROOFING OR SIDING, THE ADDITION OR REPLACEMENT OF WINDOWS OR DOORS, OR THE ADDITION OF A PORCH OR DECK.

2. INSTALLATION, ALTERATION OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS. 314.3 LOCATION. SMOKE ALARMS SHALL BE INSTALLED IN THE

FOLLOWING LOCATIONS: 1. IN EACH SLEEPING ROOM.

2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE SLEEPING ROOMS.

3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.

4. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY THIS SECTION.

314.3.1 INSTALLATION NEAR COOKING APPLIANCES. SMOKE ALARMS SHALL NOT BE INSTALLED IN THE FOLLOWING LOCATIONS UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATION REQUIRED BY SECTION 314.3:

1. IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20 FEET (6096 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

2. IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10 FEET (3048 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

3. PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6 FEET (1828 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

314.4 INTERCONNECTION. WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION 314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WITH ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED AND LABELED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.

EXCEPTION: INTERCONNECTION OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE THE ALTERATIONS OR REPAIRS DO NOT RESULT IN THE REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE, OR BASEMENT AVAILABLE WHICH COULD PROVIDE ACCESS FOR INTERCONNECTION WITHOUT THE REMOVAL OF INTERIOR FINISHES.

314.5 COMBINATION ALARMS. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS.

314.6 POWER SOURCE. SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION. EXCEPTIONS:

1. SMOKE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POWER.

 2. HARD-WIRING OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE THE ALTERATIONS OR REPAIRS DO NOT RESULT IN THE REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE, OR BASEMENT AVAILABLE WHICH COULD PROVIDE ACCESS FOR HARD WIRING WITHOUT THE REMOVAL OF INTERIOR FINISHES.
 24. CARBON MONOXIDE ALARMS:

315.2.2 ALTERATIONS, REPAIRS AND ADDITIONS. IN EXISTING DWELLING UNITS, HAVING FUEL-FIRED APPLIANCES OR AN ATTACHED GARAGE, WHERE AN APPLICATION FOR APPROVAL IS REQUIRED FOR WORK INVOLVING ANY OF THE FOLLOWING AREAS OR SYSTEMS WITHIN THAT DWELLING UNIT, THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPPED WITH CARBON MONOXIDE ALARMS LOCATED AS REQUIRED FOR NEW DWELLINGS:

ADDITION & REMODELING THE SOLOMON RESIDENCE 2722 FAIR AVE.

Gary J. Alexander, Architect 1265 Neil Avenue, Columbus, Ohio 43201 (614) 487-0637

ARCH. REVIEW: 09-14-2023



24.