

| WINDOW SCHEDULE - NORTH CENTRAL |      |                |                  |         |            |        |             |                          |                 |                          |             |                |                   |       |
|---------------------------------|------|----------------|------------------|---------|------------|--------|-------------|--------------------------|-----------------|--------------------------|-------------|----------------|-------------------|-------|
| Story                           | Mark | Manufacturer   | Line             | Model # | R.O. Sizes |        | Type        | Tempered                 | Window Material | Egress                   | Glazing     | U-value </=.30 | STC Rating </=.40 | Notes |
|                                 |      |                |                  |         | Width      | Height |             |                          |                 |                          |             |                |                   |       |
| Foundation                      |      |                |                  |         |            |        |             |                          |                 |                          |             |                |                   |       |
|                                 | E    | Weather Shield | Signature Series | 2040    | 2'-0"      | 3'-4"  | Casement    | <input type="checkbox"/> | WD/CLAD         | <input type="checkbox"/> | Low-E Argon | .28            | .19               |       |
| First Floor                     |      |                |                  |         |            |        |             |                          |                 |                          |             |                |                   |       |
|                                 | A    | -              | -                | REUSED  | 1'-11"     | 4'-11" | Double Hung | <input type="checkbox"/> | Undefined       | <input type="checkbox"/> | None        | N/A            | N/A               |       |
|                                 | B    | Weather Shield | Signature Series | 2650    | 2'-6"      | 5'-0"  | Double Hung | <input type="checkbox"/> | WD/CLAD         | <input type="checkbox"/> | Low-E Argon | .28            | .19               |       |
|                                 | C    | Weather Shield | Signature Series | 2650    | 2'-6"      | 5'-0"  | Double Hung | <input type="checkbox"/> | WD/CLAD         | <input type="checkbox"/> | Low-E Argon | .28            | .19               |       |
| Roof                            |      |                |                  |         |            |        |             |                          |                 |                          |             |                |                   |       |
|                                 | D    | Weather Shield | Signature Series |         | 4'-6"      | 1.58'  | Half Round  | <input type="checkbox"/> | WD/CLAD         | <input type="checkbox"/> | Low-E Argon | .28            | .19               |       |

| DOOR SCHEDULE - North-Central |      |      |                    |            |                 |               |                |             |                          |           |              |               |              |                 |       |
|-------------------------------|------|------|--------------------|------------|-----------------|---------------|----------------|-------------|--------------------------|-----------|--------------|---------------|--------------|-----------------|-------|
| Story                         | Room | Mark | Manufacturer Doors | Line -DOOR | Model           | Nominal Width | Nominal Height | R.O.        | Tempered                 | Door Type | Glazing DOOR | Door Material | U-value DOOR | STC Rating DOOR | Notes |
| First Floor                   |      |      |                    |            |                 |               |                |             |                          |           |              |               |              |                 |       |
|                               |      | 1    | -                  |            | existing reused | 5'-0"         | 6'-8"          | 5'-2"×6'-9" | <input type="checkbox"/> | -         | None         | WD            | N/A          | N/A             |       |
|                               |      | 2    | -                  |            |                 | 2'-4"         | 6'-8"          | 2'-6"×6'-9" | <input type="checkbox"/> | Hinged    | None         | WD            | N/A          | N/A             |       |

WINDOW GENERAL NOTES:

1. CONTRACTOR TO COORDINATE ALL ROUGH OPENINGS WITH WINDOW SCHEDULE, PLANS AND ELEVATIONS PRIOR TO ORDERING WINDOWS.
2. WINDOWS SPECIFIED ARE Weathershield SIGNATURE SERIES DOUBLE HUNG OR EQUAL  
-COLOR:  
-EXTERIOR: MATCH EXISTING  
-INTERIOR: MATCH EXISTING  
-GRILLES: MATCH EXISTING  
-GLASS: 3/4" ZO - E - SHIELD EXTREME ULTIMATE SOLAR CONTROL
3. PROVIDE ALL NECESSARY HARDWARE  
-HARDWARE FINISH: MATCH EXISTING  
-HARDWARE STYLE: MATCH EXISTING
4. PROVIDE INSECT SCREENS FOR ALL OPERABLE WINDOWS (UNLESS NOTED OTHERWISE)  
-FRAME COLOR: MATCH EXISTING  
-SCREEN: No See-um Mesh screen
5. REFER TO PLANS AND ELEVATIONS FOR WINDOW LOCATIONS, VERIFY SIZES AND QUANTITIES PRIOR TO ORDERING.
6. APPLY SEALANT AROUND EXTERIOR PERIMETER BEHIND WINDOW TRIM AND SET INTO OPENING.
7. APPLY FOAM BACKER ROD AND SEALANT TO EXTERIOR PERIMETER OF TRIM AT SIDING JOINT.
8. APPLY LOW EXPANSION SPRAY FOAM AROUND ALL WINDOW JAMBS.
9. WINDOWS LISTED AS TEMPERED ARE FOR REFERENCE ONLY. COORDINATE WITH WINDOW SUPPLIER AND APPLICABLE CODES TO VERIFY REQUIRED LOCATIONS/ WINDOW TO BE TEMPERED PRIOR TO BIDDING/ PURCHASING.
10. ALL WINDOWS TO HAVE JAMB EXTENDERS AS NECESSARY FOR 4-9/16" & 6-9-16" JAMBS. COORDINATE REQUIRED DEPTHS WITH PLAN.
11. FIELD VERIFY WIDOW HEIGHTS AND CLEARNACES PRIOR TO PURCHASING.
12. WINDOWS TO HAVE ADHESIVE FLASHING & SILL PANS- INSTALL PER MFR'S RECOMMENDATIONS

DOOR GENERAL NOTES:

1. CHECK DRAWINGS FOR SWING DIRECTIONS AND LOCATIONS.
2. PROVIDE ALL NECESSARY HARDWARE, WEATHER STRIPPING, TRIM PIECES, ETC.
3. EXTERIOR DOORS ARE WEATHERSHIELD OR EQUAL. SEE ELEVATIONS FOR GRILLE PATTERNS. 7/8", SDL GRILLS, PUTTY BARS & INTERIOR AND EXTERIOR
4. HARDWARE: - DARK BRONZE - CONFIRM WITH OWNER PRIOR TO ORDERING
5. INTERIOR DOORS TO BE J- SHAKER STYLE UNLESS SHOWN OTHERWISE .
7. APPLY SEALANT AROUND EXTERIOR PERIMETER BEHIND DOOR TRIM/ FLANGE AND SET INTO OPENING.
8. APPLY FOAM BACKER ROD & SEALANT TO EXTERIOR PERIMETER OF TRIM AT SIDING JOINT.
9. BEDROOM, BATHROOM AND ENTRY DOORS TO BE SOLID.
10. TEMPERED GLASS.
11. ALL DOORS IN WALLS OTHER THAN 2x4 WALLS TO HAVE JAMB EXTENDERS AS NECESSARY.
- 12.FIELD VERIFY EXISTING DOOR OPENING SIZES AND COORDINATE AS REQUIRED.
13. EXTERIOR DOORS TO HAVE SCREENS.
14. INTERIOR HARDWARE SCHLAGE OR KWIKSET LEVER HANDLE - COLOR AND STYLE BY OWNER/ARCHITECT.
15. DOOR STOPS ON ALL OPERABLE SWING DOORS.

1. CONTRACTOR TO COORDINATE ALL ROUGH OPENINGS WITH WINDOW SCHEDULE PRIOR TO ORDERING WINDOWS.
2. SKYLIGHTS SPECIFIED ARE BY VELUX.
3. TYPE EDM (STANDING SEAM) FLASHING.
4. INSTALL PER MANUFACTURER'S RECOMENDATIONS.

| SKYLIGHT SCHEDULE |              |         |            |            |       |
|-------------------|--------------|---------|------------|------------|-------|
| Mark              | Manufacturer | Model   | Skylight   |            | Notes |
|                   |              |         | Width      | Height     |       |
| SK01              |              |         |            |            |       |
|                   | Velux        | FCM2222 | 1'-10 1/2" | 1'-10 1/2" |       |
|                   | Velux        | FCM2222 | 1'-10 1/2" | 1'-10 1/2" |       |
|                   | Velux        | FCM2222 | 1'-10 1/2" | 1'-10 1/2" |       |

PERMIT SET

The Buchanan Residence  
8862 Carrollton Ave.  
Savage, MD 20763

Schedules



■ DO NOT SCALE DRAWINGS ■  
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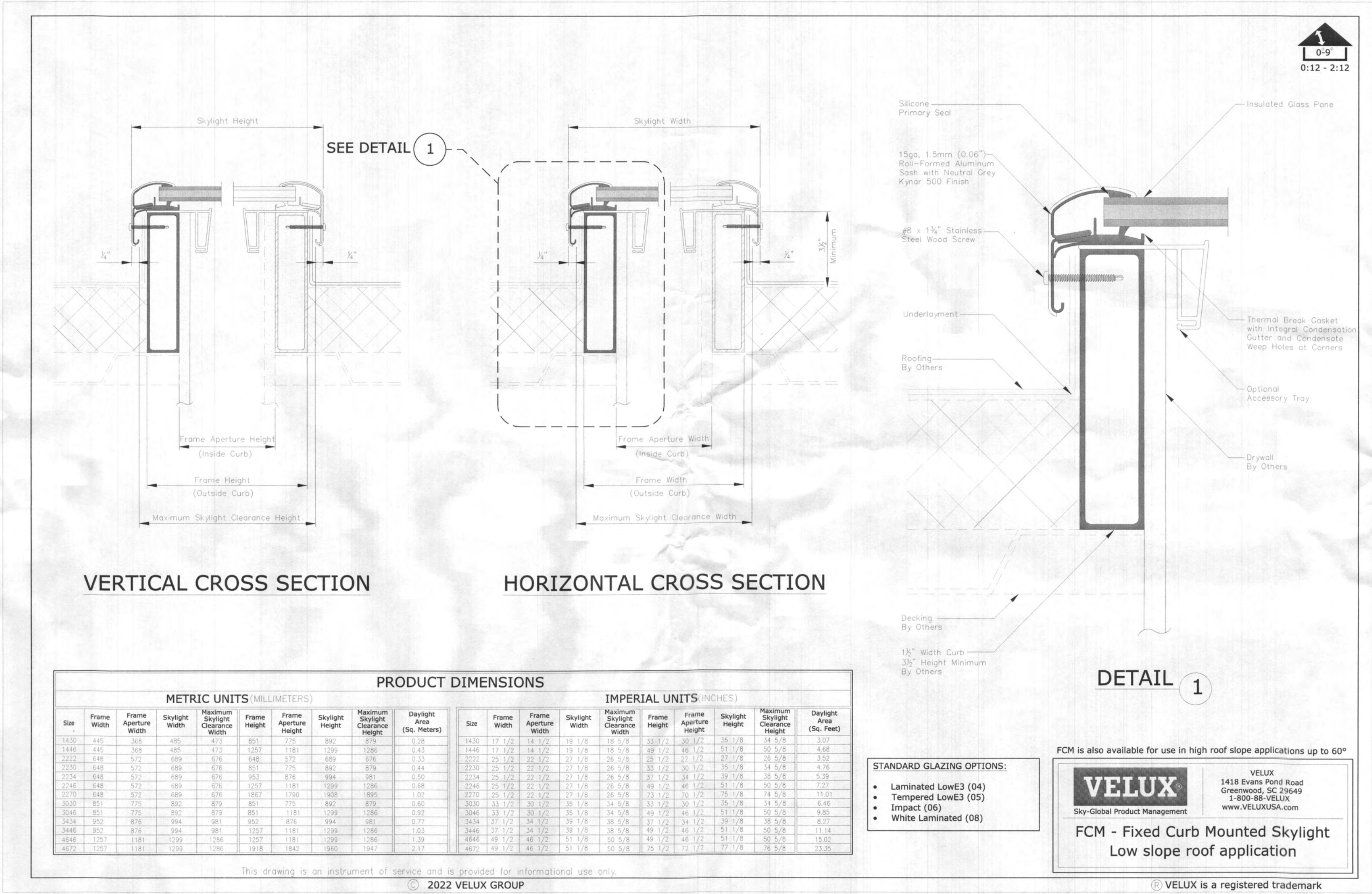
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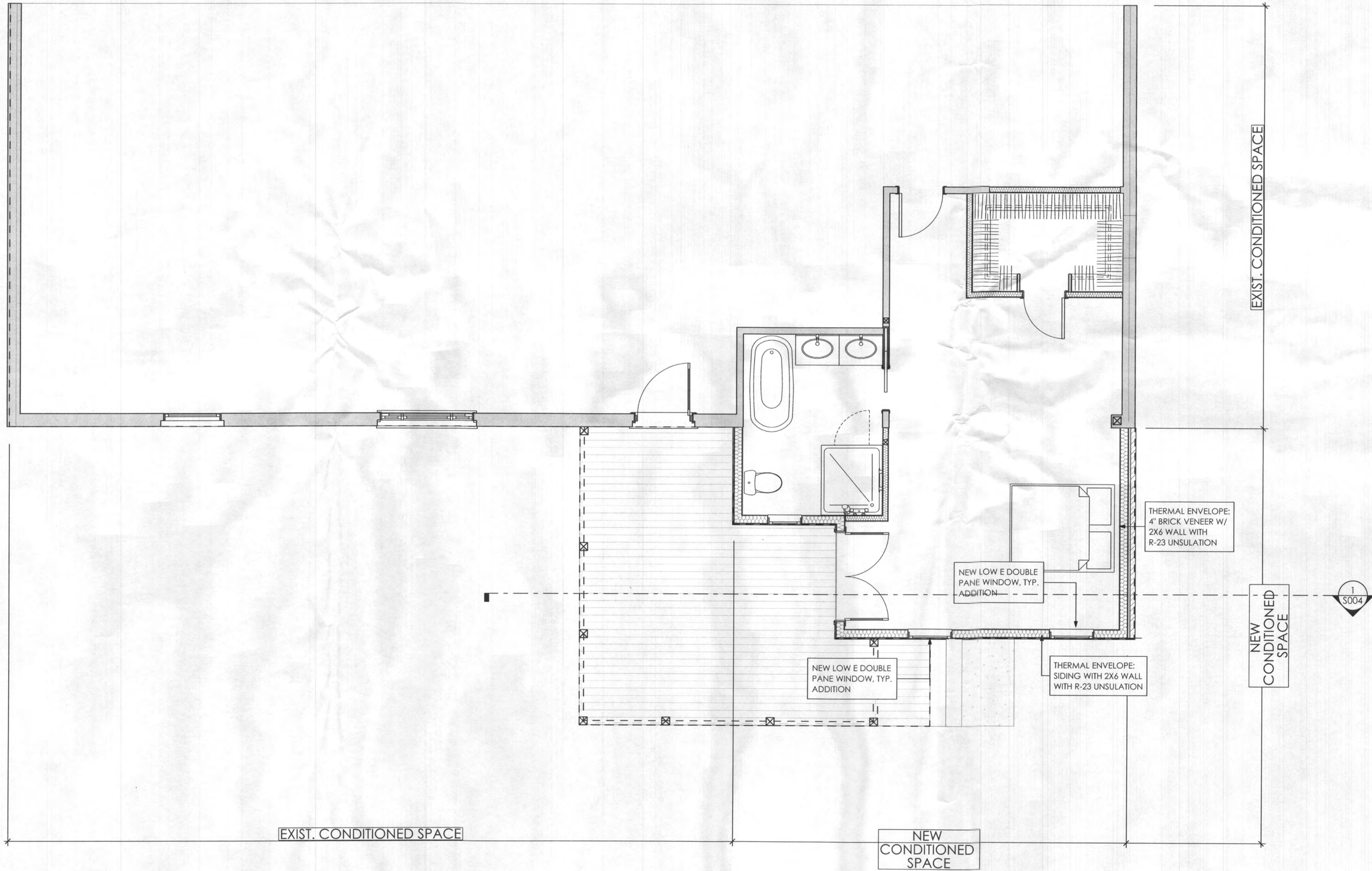
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The Buchanan Residence  
8862 Carrollton Ave.  
Savage, MD 20763  
Skylight Detail

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



# INSULATION GENERAL NOTES

----- THERMAL ENVELOPE

- THERMAL INSULATION (FLASH AND BATT)

- THERMAL INSULATION (SPRAY FOAM)

- THERMAL INSULATION (RIGID)

- THERMAL OR ACOUSTICAL INSULATION (BATT)

DESIGNED TO MEET OR EXCEED THE 2021 IECC REQUIREMENTS

## INSULATION MINIMUM R-VALUES:

ROOF: **R-60**

ROOF WITH ATTIC SPACE: **R-49 UNCOMPRESSED** (PER IECC

R402.2.1) EXTEND FULL HEIGHT OVER TOP PLATE

ROOF WITHOUT ATTIC SPACE: **R-30 UNCOMPRESSED**(PER IECC

R402.2.2) EXTEND FULL HEIGHT OVER TOP PLATE

EXTERIOR FRAMED WALLS: **R-20**

BASEMENT FURRED WALLS: **R-13**

FLOORS OVER UNCONDITIONED SPACE: **R-30**

INTERIOR SLABS (RIGID FOAM BOARD): **R-10, 4FT**

CRAWLSPACE WALL: **R-10**

## INSULATION U-VALUES:

.30 - WINDOWS/DOORS (DOUBLE PANE / ARGON / LOW-E)

.55 - SKYLIGHTS (DOUBLE PANE / ARGON / LOW-E)

.4- SOLAR HEAT GAIN COEFFICIENT

## AIR SEALING:

CONTINUOUS SHEATHING AND LOW-EXPANSION SPRAY

FOAM AT PERIMETERS OF ALL EXTERIOR DOORS,

WINDOWS AND SKYLIGHTS

ACCESS DOORS FROM CONDITIONED SPACE TO

UNCONDITIONED SPACE SHALL BE WEATHERSTRIPPED AND

INSULATED TO EQUIVALENT VALUE OF ADJACENT WALL

OR CEILING

DUCT SHAFTS, UTILITY PENETRATIONS AND FLUE SHAFTS

OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL

BE SEALED

RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL

ENVELOPE SHALL BE AIR TIGHT, IC RATED AND SEALED TO

THE DRYWALL

EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE

INSULATED AND THE AIR BARRIER INSTALLED SEPARATING

THEM FROM THE SHOWERS AND TUBS

THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR

COMMUNICATION BOXES OR AIR SEALED BOXES SHALL BE

INSTALLED

EC001

**ATECT - ARCHITECTURE**

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DATE: 2/23/23 REV: 3/23/23 REV: 7/13/2023 7/13/2023 7/13/2023

PROJECT PHASE: PERMIT SET

DRAWN BY: C.JJ

CHECKED BY: C.JJ

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**The Buchanan Residence**

8862 Carrollton Ave.

Savage, MD 20763

Thermal Plan

THE DESIGN SOLUTION  
**ATECT**  
ARCHITECTURE  
RESIDENTIAL & COMMERCIAL  
1 8 8 8 4 5 2 7 2 1

ELECTRICAL NOTES:

1. All electrical work shall comply with the edition of the Electrical Code relevant to the project jurisdiction.
2. Thermal insulation shall not be installed above a recessed luminaries or within 3" of the recessed luminaries's enclosure, wiring compartment, or ballast unless it is identified for contact with insulation, Type IC.
3. Coordinate final mounting locations of all fixtures, switches, outlets, etc with Owner/Architect prior to installation during electrical walk through.
4. Provide wall receptacles at 12" on center maximum. All wall receptacles to be tamper proof. Provide necessary GFI and AFCI type receptacles and circuit breakers as necessary by NEC and local code.
5. All plugs, switches, telephone and television jacks to be Leviton by Decora unless otherwise noted in the specifications. Replace all cover plates, plugs, switches, telephone and television jacks throughout all areas with any work.
6. Provide a three-way switch to all outside flood lights. Switches to be located in the Kitchen and the Master Bedroom. Coordinate final locations with Owner/Architect.
7. Provide dimmer switches at all living spaces and bedrooms. Coordinate final locations with Owner/Architect.
8. Provide catalog cut sheets and submit to Owner and Architect for approval prior to purchasing.
9. Refer to Electrical plans for quantity of fixtures listed in lighting schedule. Lighting schedule is for reference only and some listed fixtures may not be used in this project.
10. Lighting levels to comply with NEC lighting load calculation requirements.
11. IECC 402.4.1.1 Building Thermal Envelope Compliance: Recessed luminaries installed in the building thermal envelope shall be sealed to limit air leakage between the conditioned and unconditioned spaces. All recessed luminaries shall be IC-rated and labeled as having an air leakage rate not more than 2.0 cfm when tested in accordance with ASTM E 283 at a 1.57 psf pressure differential. All recessed luminaries shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.
12. Wiring: Batt insulation shall be cut neatly to fit around wiring in exterior walls, or insulation that readily conforms to available space shall extend behind wiring.
13. Electrical/ phone box on exterior walls; The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.
14. All lighting shall be suitable for 120V/1ph/60.
15. All lighting products shall meet or exceed the minimum lighting efficacy (lumens/watts) of local energy code.
16. Minimum 75% of the lamps shall exceed 75% high efficacy (lumens/watts):

High efficiency

Min. Lumens/Watts

Lamps > 40w

60 lumens/watts

Lamps 15w -40w

50 lumens/watts

Lamps < 15w

40 lumens/watts
17. Provide a Smoke Detector in each of the following locations: in each sleeping room, outside each separate sleeping area in the immediate vicinity of the bedrooms, on each floor (not including crawl spaces and uninhabitable attics). Unless it would prevent placement of a smoke alarm, do not install alarms in the following locations: within 3'-0" of a bathroom with a tub or shower, within 20'-0" of a permanently installed cooking appliance, within 10'-0" of a permanently installed cooking appliance if alarm has silencing switch, or within 6'-0" of a permanently installed cooking appliance if alarm is photo electrically triggered.
18. Provide a Carbon Monoxide alarm in accordance with UL2034, or combination Carbon Monoxide and Smoke alarms per UL217. Units shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms.

Lighting Fixture Schedule

| MARK | ITEM                      | MANUFACTURER       | MODEL #/ Name        | TRIM/COLOR               | MOUNTING LOCATION     | LAMP                                                             | WATTS | LUMENS | REMARKS                                                                                                                           |
|------|---------------------------|--------------------|----------------------|--------------------------|-----------------------|------------------------------------------------------------------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------|
| A    | 3 3/4" Recessed Light     | Lightolier         | 2000A/C              | CREE DR4-575L-27K-12-E26 | Flat Ceiling          | CREE LED DR4 Kit (50w Equivalent)                                | 14.5  | 575    | 3 3/4" Aperture Incandescent Insulated Ceiling AirSeal Frame-In Kit with CREE LED Downlight Retrofit Kit                          |
| B    | 6 3/4" Recessed Light     | Lightolier         | 1100A/ICM            | 1154VH                   | Sloped Ceiling        | CREE LED BR30 (65W Equivalent), 2700 LED PAR 16 (50W equivalent) | 9.5   | 650    | 6 3/4" Aperture Complete Slope Ceiling Reflector Trimwith White Step Baffle                                                       |
| C    | Recessed Wall Washer      | Lightolier         | 2000A/C              | 2027VH                   | Flat Ceiling          | CREE LED DR4 Kit (50w Equivalent)                                | 7     |        | 3 3/4" Aperture Incandescent Insulated Ceiling AirSeal Frame-In Kit with Adjustable Reflector Matte White                         |
| D    | Recessed Light            | Lightolier         | 2000A/C              | CREE DR4-575L-27K-12-E26 | Exterior Flat Ceiling | CREE LED DR4 Kit (50w Equivalent)                                | 11.5  | 575    | 3 3/4" Aperture Incandescent Insulated Ceiling AirSeal Frame-In Kit with CREE LED Downlight Retrofit Kit                          |
| F    | Recessed Light            | Lightolier         | 2000A/C              | Lightolier 2090          | Shower Ceiling        | CREE LED DR4 Kit (50w Equivalent)                                | 11.5  | 575    | 3 3/4" Aperture Incandescent Insulated Ceiling AirSeal Frame-In Kit with Lytecaster 3 3/4" Aperture Flush Glass Wet Location Trim |
| G    | Closet Light              | Progress           | P7201-30 WB closet 1 |                          | Wall Above Door       | (1)15WT8                                                         | 15    | 845    | Fluorescent Strip Light                                                                                                           |
| H    | Under Cabinet Light       | Kichler            | 10581SS/10580SS      | Xenon                    | Under Cabinet         | (3)T5                                                            | 18    | 250    | Coordinate length with Cabinet- Low Voltage                                                                                       |
| I    | Flood Light               | Lithonia Lighting  | OFLR 9LN MO          |                          | Exterior Under Soffit | 9 LEDs                                                           | 32.5  | 2163   | Exterior 3 light adjustable LED flood light, motion control and switch                                                            |
| J    | Exterior Step Light       | Dekor Lighting     | LED Recessed Stair   |                          | Riser of Steps        |                                                                  |       |        | On Timer- LED step lights, dimmable with transformer                                                                              |
| K    | Exterior Site Plant Light | Dekor Lighting     | SPOTLL05             | Black                    | Planting Bed          | 32 LEDs                                                          | 7     | 500    | On Timer- High Output LED Landscape Spot Light                                                                                    |
| L1   | Ceiling Fan               |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| M1   | Wall Sconce-Exterior      |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| M2   | Wall Sconce-Interior      |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| N1   | Pendant                   |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| O1   | Chandelier                |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| P1   | Vanity Light              |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| Q    | Exhaust Fan               | Panasonic          | FV-08VRL1            |                          |                       |                                                                  |       |        | WhisperRecessed Bathroom Fan                                                                                                      |
| R    | Utility Light             | Contractors Option | Fluorescent          |                          |                       | T8                                                               | 28    | 1400   | 16"X40"                                                                                                                           |
| S    | Post Light                |                    |                      |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |
| T    | 2 x 4 light               | Contractors Option | Fluorescent or LED   |                          |                       |                                                                  |       |        | Provide Allowance                                                                                                                 |

Lighting Fixture/ Electrical General Notes

- 1 All electrical work to comply with newest edition of electrical code
- 2 Thermal Insulation shall not be installed above a recessed luminaire or within 75mm (3in) of the recessed luminaire's enclosure, wiring compartment, or ballast unless it is identified for contact with insulation, Type IC
- 3 Coordinate final mounting locations of all fixtures, switches, outlets, etc. with Owner/ Architect prior to installation during electrical walkthrough.
- 4 Provide wall receptacles at 12" o.c. maximum, all wall receptacles to be tamper proof. Provide necessary GFI and AFCI type receptacles and circuite breakers as necessary by NEC and local code.
- 5 All plugs, switches, telephone, and television jacks to be Leviton by Decora, unless listed otherwise in specifications. Replace all coverplates, plugs, switches, telephone, and television jacks throughout all areas with any work.
- 6 Provide dimmer switches at all living spaces and bedrooms. Coordinate final locations with Owner/ Architect.
- 7 Provide catalog cuts and submit to Owner and Architect for approval prior to purchasing
- 8 Refer to electrical plans for quantity of fixtures listed in lighting schedule. Lighting schedule is for reference only and some listed fixtures may not be used in this project
- 9 Lighting levels to comply with NEC lighting load calculation requirements.
- 10 Recessed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires shall be IC-rated and labeled as having an air leakage rate not more than 2.0 cfm when tested in accordance with ASTM E 283 at a 1.57 psf pressure differential. All recessed luminaires shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.

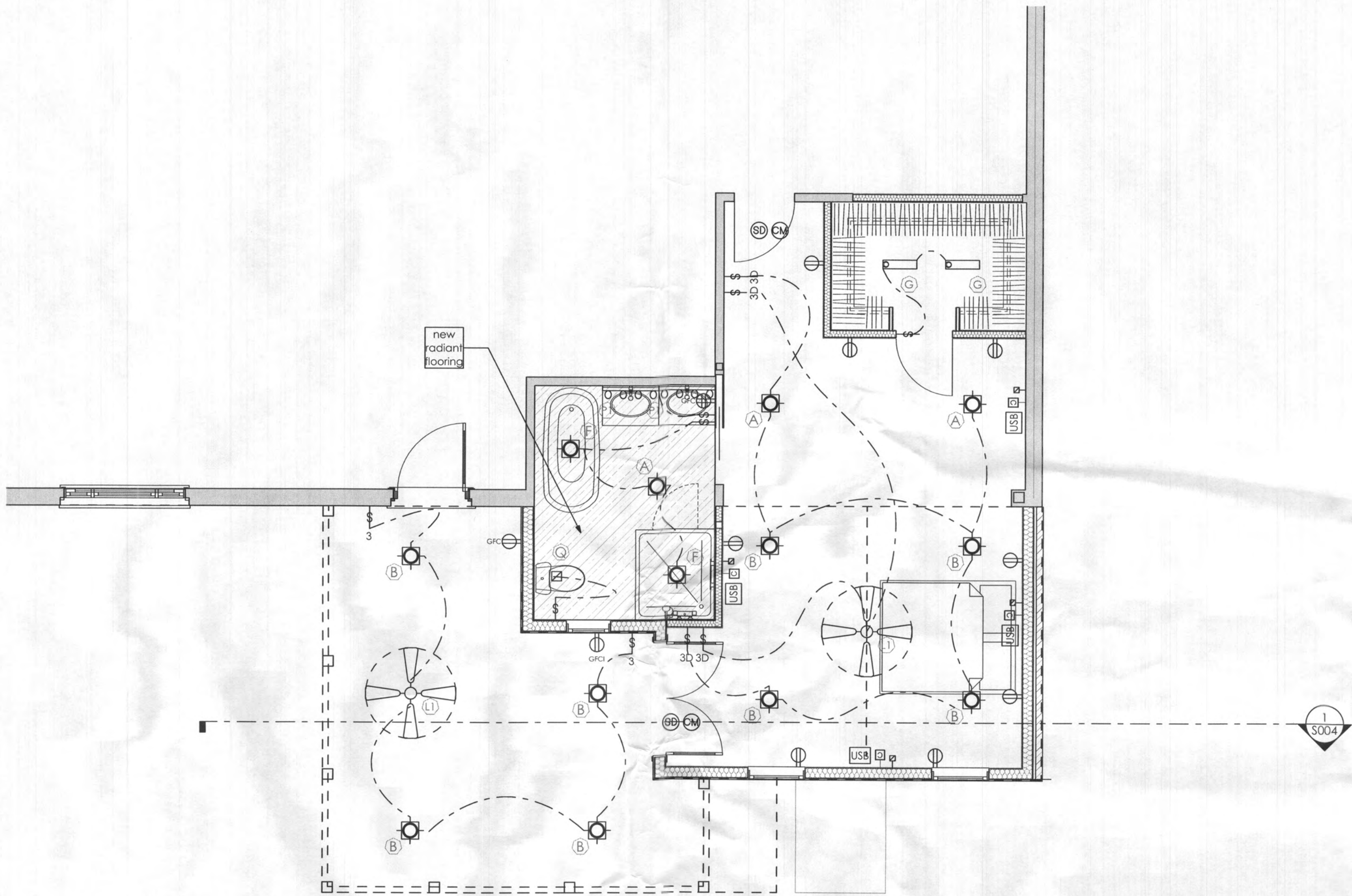
ELECTRICAL SYMBOLS

| NEW | DESCRIPTION                          |
|-----|--------------------------------------|
|     | CEILING FAN                          |
|     | CEILING FAN WITH LIGHT               |
|     | DOORBELL                             |
|     | EXTERIOR WALL LIGHT                  |
|     | FLOOD LIGHT                          |
|     | FLOURESCENT LIGHT                    |
|     | HALOGEN LIGHT                        |
|     | OVERHEAD RECESSED LIGHT              |
|     | PENDANT                              |
|     | PULL CORD LIGHT                      |
|     | SURFACE CEILING LIGHT                |
|     | TRACK LIGHT                          |
|     | UNDER CABINET LIGHT                  |
|     | VANITY LIGHT                         |
|     | WALL SCONSE                          |
|     | WALL WASHER LIGHT                    |
|     | CABLE OUTLET                         |
|     | CARBON MONOXIDE DETECTOR             |
|     | SMOKE DETECTOR                       |
|     | COMPUTER                             |
|     | SPEAKER                              |
|     | THERMOSTAT                           |
|     | EXHAUST FAN                          |
|     | TELEPHONE                            |
|     | ARC FAULT CIRCUIT INTERRUPTER OUTLET |
|     | QUAD OUTLET                          |
|     | DUPLEX FLOOR OUTLET                  |
|     | DUPLEX GFI OUTLET                    |
|     | QUAD GFI OUTLET                      |
|     | DUPLEX WATER PROOF OUTLET            |
|     | QUAD WATERPROOF OUTLET               |
|     | LIGHT SWITCH                         |
|     | 3 WAY LIGHT SWITCH                   |
|     | MORE THAN 2 SWITCH LOCATIONS         |
|     | DIMMER SWITCH                        |
|     | REFRIGERATOR                         |
|     | RANGE                                |
|     | RANGE HOOD                           |
|     | DISPOSAL                             |
|     | DISHWASHER                           |
|     | MICROWAVE OVEN                       |
|     | DOUBLE OVEN                          |
|     | WASHER                               |
|     | DRYER                                |
|     | GAS FURNACE INSERT                   |
|     | DOOR BELL                            |
|     | DOOR BELL CHIME                      |
|     | USB CHARGING PORT                    |

PERMIT SET

The Buchanan Residence  
8862 Carrollton Ave.  
Savage, MD 20763  
Electrical Notes

| ELECTRICAL / MECHANICAL SYMBOLS |                                 |  |                             |  |                            |  |                                        |  |                                                |
|---------------------------------|---------------------------------|--|-----------------------------|--|----------------------------|--|----------------------------------------|--|------------------------------------------------|
|                                 | EXIST. SWITCH/FIXTURE TO REMAIN |  | WALL SCONCE                 |  | CEILING FAN                |  | FLOOR MOUNT DUPLEX RECEPTACLE          |  | CARBON MONOXIDE DETECTOR                       |
|                                 | FLOOD LIGHTS w/ MOTION SENSOR   |  | EXTERIOR WALL MOUNTED LIGHT |  | CEILING FAN w/ LIGHT       |  | COMPUTER/DATA OUTLET                   |  | SPEAKER                                        |
|                                 | FLOOD LIGHTS                    |  | TRACK LIGHT                 |  | CONCEALED WIRING           |  | TELEPHONE OUTLET                       |  | GARAGE DOOR OPENER                             |
|                                 | WALL WASHER                     |  | FLOURESCENT LIGHT           |  | SWITCH w/ DUPLEX OUTLET    |  | CABLE/TV OUTLET                        |  | ELECTRICAL PANEL                               |
|                                 | OVERHEAD RECESSED LIGHT         |  | VANITY LIGHT                |  | DUPLEX RECEPTACLE OUTLET   |  | POWER/DATA/VOICE/TV COMBINATION OUTLET |  | ELECTRICAL METER                               |
|                                 | SURFACE CEILING LIGHT           |  | UNDER CABINET LIGHT         |  | QUAD RECEPTACLE OUTLET     |  | DOOR BELL                              |  | GAS METER                                      |
|                                 | PULL-CORD CEILING LIGHT         |  | COVE LIGHTING               |  | EXTERIOR WATERPROOF OUTLET |  | DOOR BELL CHIME                        |  | REFRIGERATOR                                   |
|                                 | PENDANT LIGHT                   |  |                             |  | GFI/GFCI DUPLEX RECEPTACLE |  | SMOKE DETECTOR                         |  | RANGE/COOKTOP                                  |
|                                 |                                 |  |                             |  |                            |  |                                        |  | RANGE HOOD                                     |
|                                 |                                 |  |                             |  |                            |  |                                        |  | DISPOSAL                                       |
|                                 |                                 |  |                             |  |                            |  |                                        |  | DSH WASHER                                     |
|                                 |                                 |  |                             |  |                            |  |                                        |  | MICROWAVE                                      |
|                                 |                                 |  |                             |  |                            |  |                                        |  | WALL OVEN/DOUBLE OVEN                          |
|                                 |                                 |  |                             |  |                            |  |                                        |  | WASHER                                         |
|                                 |                                 |  |                             |  |                            |  |                                        |  | DRYER                                          |
|                                 |                                 |  |                             |  |                            |  |                                        |  | GAS FIREPLACE INSERT                           |
|                                 |                                 |  |                             |  |                            |  |                                        |  | MECHANICAL UNIT                                |
|                                 |                                 |  |                             |  |                            |  |                                        |  | HOT WATER HEATER                               |
|                                 |                                 |  |                             |  |                            |  |                                        |  | SUMP PUMP                                      |
|                                 |                                 |  |                             |  |                            |  |                                        |  | THERMOSTAT                                     |
|                                 |                                 |  |                             |  |                            |  |                                        |  | THERMOSTAT, RADIANT FLOOR                      |
|                                 |                                 |  |                             |  |                            |  |                                        |  | USB CHARGING PORT                              |
|                                 |                                 |  |                             |  |                            |  |                                        |  | LOW VOLTAGE ELECTRIC RADIANT FLOOR HEATING MAT |
|                                 |                                 |  |                             |  |                            |  |                                        |  | EXHAUST FAN                                    |
|                                 |                                 |  |                             |  |                            |  |                                        |  | EXHAUST FAN w/ LIGHT                           |
|                                 |                                 |  |                             |  |                            |  |                                        |  | LOW SIDE WALL REGISTER                         |
|                                 |                                 |  |                             |  |                            |  |                                        |  | HIGH SIDE WALL REGISTER                        |
|                                 |                                 |  |                             |  |                            |  |                                        |  | CEILING REGISTER                               |
|                                 |                                 |  |                             |  |                            |  |                                        |  | FLOOR REGISTER                                 |
|                                 |                                 |  |                             |  |                            |  |                                        |  | RETURN AIR GRILL                               |
|                                 |                                 |  |                             |  |                            |  |                                        |  | RADIATOR                                       |
|                                 |                                 |  |                             |  |                            |  |                                        |  | ELEC. BASEBOARD RADIATOR                       |



1 First Floor Electrical Plan  
SCALE: 1/4" = 1'-0"

GENERAL ELECTRICAL NOTE:

- All electrical work to comply with newest edition of electrical code
- Thermal Insulation shall not be installed above a recessed luminaire or within 75mm (3in) of the recessed luminaire's enclosure, wiring compartment, or ballast unless it is identified for contact with insulation, Type IC
- Coordinate final mounting locations of all fixtures, switches, outlets, etc. with Owner/ Architect prior to installation during electrical walkthrough.
- Provide wall receptacles at 12' o.c. maximum, all wall receptacles to be tamper proof. Provide necessary GFI and AFCI type receptacles and circuite breakers as necessary by NEC and local code.
- All plugs, switches, telephone, and television jacks to be Leviton by Decora, unless listed otherwise in specifications. Replace all coverplates, plugs, switches, telephone, and television jacks throughout all areas with any work.
- Provide dimmer switches at all living spaces and bedrooms. Coordinate final locations with Owner/ Architect.
- Provide catalog cuts and submit to Owner and Architect for approval prior to purchasing
- Refer to electrical plans for quantity of fixtures listed in lighting schedule. Lighting schedule is for reference only and some listed fixtures may not be used in this project
- Lighting levels to comply with NEC lighting load calculation requirements.
- Recessed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires shall be IC-rated and labeled as having an air leakage rate not more than 2.0 cm when tested in accordance with ASTM E 283 at a 1.57 psf pressure differential. All recessed luminaires shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.
- Place the new AFCI Outlets in all locations other than the bathroom and kitchen.
- Place the new GFCI Outlets 36" above F.F. in kitchen & bathroom locations.
- Place the new GFCI Outlet in all outdoor locations.
- Hardwire the New Smoke & Carbon Monoxide Detectors
- Add low voltage radiant floor in Owner's bathroom with thermostat
- All recessed lights to be on dimmers

PERMIT SET

The Buchanan Residence  
8862 Carrollton Ave.  
Savage, MD 20763  
First Floor Electrical Plan

■ DO NOT SCALE DRAWINGS ■  
Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and must notify this office of any variations from the dimensions and conditions shown.

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