



See notes  
second floor plan



### Square Footage

|                                |         |
|--------------------------------|---------|
| Living Areas                   |         |
| First Floor                    | 1040 SF |
| Second Floor                   | 1547 SF |
| 2586 SF                        |         |
| Unfinished Areas               |         |
| Covered Screened-in Rear Porch | 144 SF  |
| Front Covered Porch            | 153 SF  |
| Garage                         | 463 SF  |
| 760 SF                         |         |

Square Footage total may vary by +1 SF due to automated rounding of first and second floor area

### Redraws

Plan Review: 10/12/22  
- Changed house to Autumn II.

Plan Review: XX/XX/XX

Xxxx

|  |         |
|--|---------|
| <input checked="" type="checkbox"/> Fenestration Calculations: |         |
| Total Wall Square Footage:                                     | 3153.03 |
| Total Window Square Footage:                                   | 382.34  |
| Total Fenestration %:  | 12.20%  |

Division: RALEIGH

Building Code: 2018 North Carolina Residential Building Code

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Space for Architect Seal

RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  | Drawing Scale: 1/8" = 1'0"    |                                     |
| Contract Drawn By:<br><b>DWW</b>    |                                  | Series:<br><b>CLASSIC</b>     |                                     |
| Born on Date: <b>07/02/21</b>       |                                  | CDs Drawn By: <b>BLC</b>      |                                     |
| Plan No.: <b>-</b>                  |                                  |                               |                                     |

# 0C.1

Cover Sheet  
Elevation "B"

7701 Six Forks Road, Suite 132, Raleigh, NC 27615  
Phone: [919] 844-9288

Architecture Plan Review:  No Comments  See Comments Items drawn on any drawings and not written in the contract selections **WILL NOT** be included in the site specific drawings.

| Customer Request: | Design Solution: | Reason For Modification: | Comments: |
|-------------------|------------------|--------------------------|-----------|
| 1. XXX            | 1. XXX           | 1. XXX                   | 1. XXX    |
| 2. XXX            | 2. XXX           | 2. XXX                   | 2. XXX    |
| 3. XXX            | 3. XXX           | 3. XXX                   | 3. XXX    |
| 4. XXX            | 4. XXX           | 4. XXX                   | 4. XXX    |

Customer Plan Review Signature

I understand that my new Drees home will be built in general conformance to the plans, specifications, selections and the Purchase Agreement, all of which I have reviewed and approved. This set of plans may not reflect the elevations or options for my house. Drees draws the standard plans complete with the most common options. The subcontractor's sets will show only the options I selected in my selection sheets. I have reviewed the plot plan for my house and understand that there may be some field adjustments as to the exact location of the house on the lot. I further understand that my home will not be built exactly like any other Drees home or Model and that some minor variations from my plans and specifications may occur since every home that is built has it's own set of unique construction problems that must be dealt with as the home is being built.

Customer: \_\_\_\_\_ Date: \_\_\_\_\_

Customer: \_\_\_\_\_ Date: \_\_\_\_\_

# GENERAL NOTES - RALEIGH

## FOUNDATION NOTES

### CRAWL SPACES:

- SLOPE CONCRETE SLAB 4" MINIMUM TOWARDS GARAGE DOOR
- EXTERIOR FLATWORK/GARAGES SHALL HAVE A MINIMUM CONCRETE STRENGTH OF 4,500 PSI
- FOOTINGS TO A MINIMUM CONCRETE STRENGTH OF 2500 PSI, UNLESS OTHERWISE NOTED
- ASSUMED ALLOWABLE SOIL BEARING PRESSURE: 2,000 p.s.f.
- WATERPROOF FOUNDATION WITH BITUMINOUS SPRAY.
- WALL TIES EMBEDDED IN THE HORIZONTAL MORTAR JOINT SHALL BE 16" ON CENTER. TIES IN ALTERNATE COURSES SHALL BE STAGGERED. THE MAXIMUM VERTICAL DISTANCE BETWEEN TIES SHALL NOT EXCEED 16" AND THE MAXIMUM HORIZONTAL DISTANCE SHALL NOT EXCEED 16" ADDITIONAL TIES SHALL BE PROVIDED AT ALL OPENINGS, AND WITHIN 12" OF THE OPENING.
- CORE FILL ENTIRE BLOCK WALL WHEN THE WALL IS 4'-0" TALL OR HIGHER. INSTALL #4 REBAR IN EACH HOLLOW AREA OF EACH BLOCK FROM FOOTING TO TOP OF WALL, ON THE ENTIRE WALL PRIOR TO CORE FILLING IT.
- TOP COURSE OF BLOCK ON ALL WALLS WILL BE FILLED SOLID WITH MORTAR PLACING THE FOUNDATION STRAPS OR BOLTS IN THE MORTAR 6'-0" ON CENTER, AND 12" FROM EACH CORNER.
- 12"x16" PIERS: HOLLOW MASONRY UP TO 48" HIGH, SOLID MASONRY UP TO 9'0" HIGH
- 16"x16" PIERS: HOLLOW MASONRY UP TO 64" HIGH, SOLID MASONRY UP TO 12'0" HIGH
- BLOCK PIERS SHOULD BE PLACED DIRECTLY ON CONCRETE FOOTINGS PER PLAN. THEY SHOULD BE PLUMBED AND SQUARE WITHIN 1/4".
- SILL PLATES TO BE A MINIMUM OF 2x4 NOMINAL LUMBER.

### BASEMENTS:

- SLOPE CONCRETE SLAB 4" MINIMUM TOWARDS GARAGE DOOR
- EXTERIOR FLATWORK/GARAGES SHALL HAVE A MINIMUM CONCRETE STRENGTH OF 4,500 PSI
- FOOTINGS TO A MINIMUM CONCRETE STRENGTH OF 2500 PSI, UNLESS OTHERWISE NOTED- ALL FOUNDATION WALLS TO BE CAST IN PLACE CONCRETE 3000 PSI MIN. UNLESS OTHERWISE NOTED.
- BASEMENT WINDOW LOCATIONS MAY VARY FROM DRAWING DUE TO LOT CONDITIONS.
- BACKFILL ADJACENT TO FOUNDATION WALLS SHALL NOT BE PLACED UNTIL THE WALL HAS SUFFICIENT STRENGTH AND HAS BEEN ANCHORED TO THE FLOOR OR HAS BEEN SUFFICIENTLY BRACED TO PREVENT DAMAGE BY THE BACKFILL.
- ASSUMED ALLOWABLE SOIL BEARING PRESSURE: 2,000 p.s.f.
- WATERPROOF FOUNDATION WITH BITUMINOUS SPRAY.
- VERTICAL CONTROL JOINTS IN BASEMENT FOUNDATION WALLS - STANDARD LOCATION GUIDELINES:
  - 1) PLACE A CONTROL JOINT IN ALL UNBRACED WALLS OVER 30' IN LENGTH. (NOTE: "T" WALLS AND CORNERS COUNT AS A BRACE).
  - 2) WINDOWS THAT ARE LARGER THAN THE STANDARD BASEMENT WINDOW REQUIRE A CONTROL JOINT.
  - 3) CONTROL JOINTS ARE NOT REQUIRED AT EVERY WINDOW THAT IS STANDARD SIZE.
  - 4) IF THERE IS A STANDARD WINDOW LOCATED IN A WALL SEGMENT THAT REQUIRES A CONTROL JOINT, THEN THE CONTROL JOINT SHOULD BE PLACED ON THE SIDE OF THE WINDOW THAT IS ADJACENT TO THE LONG SIDE OF THE WALL. IF THERE IS MORE THAN ONE WINDOW IN A WALL THEN ONLY ONE WINDOW SHOULD HAVE A CONTROL JOINT.
  - 5) DOORS DO NOT GET CONTROL JOINTS.
  - 6) CONTROL JOINTS SHOULD NOT BE LOCATED WITHIN 3' OF A BEAM POCKET.
  - 7) CONTROL JOINTS ARE REQUIRED AT THE FIRST AND LAST STEP DOWN AT STEPPED BASEMENT FOUNDATION WALLS.
- INTERIOR FLATWORK SHALL HAVE A MINIMUM CONCRETE STRENGTH OF 3,000 PSI.
- ALL VERTICAL STEEL AND ALL STEEL IN STRUCTURAL SLABS TO BE GRADE 60. ALL HORIZONTAL STEEL IN FOUNDATION WALLS AND FOOTERS TO BE GRADE 40 STEEL.

## FRAMING NOTES

### DESIGN LOADS:

|  |  |   |                    |
|--|--|---|--------------------|
| FLOORS:  | 40 psf LIVE LOAD + 10 psf DEAD LOAD = 50 psf | GARAGE FLOOR: 50 psf LIVE LOAD  | SEISMIC: "A" & "B" |
| ROOF:  | 18 psf LIVE LOAD + 17psf DEAD LOAD = 35 psf  | WIND SPEED: 120 MPH   |                    |
| DESIGN DEFLECTION LIMITS (BASED ON LIVE LOAD, EXCEPT MASONRY): |  |   |                    |
|  | RAFTERS GREATER THAN 3:12                    | L/180   | CEILING            |
|  | MASONRY VENEER                               | L/600   |                    |
|  | NOMINAL LUMBER FLOORS:                       | L/360   |                    |
|  | MANUFACTURED WOOD FLOORS:                    | DESIGNED TO MINIMUM PRO RATING OF 35 (OR EQUIVALENT), NO MORE THAN 8 POINT DIFFERENCE BETWEEN ADJACENT SPANS. |                    |
|  |  | L/480 FOR SPANS UP TO 16'-0" AND NO GREATER THAN 1/2" DEFLECTION  |                    |
|  |  | L/600 FOR SPANS OVER 16'-0" IF SIMPLE SPAN AND NO GREATER THAN 1/2" DEFLECTION                                |                    |
|  |  | L/840 FOR SPANS OVER 16'-0" IF CONTINUOUS SPAN. AND NO GREATER THAN 1/2" DEFLECTION                           |                    |

- JOIST SPACING: 19.2" o.c. MAXIMUM SPACING
- DOUBLE EVERY OTHER FLOOR JOIST UNDER KITCHEN ISLANDS
- INSTALL UNCOUPLING MEMBRANE IN TILE FLOOR AREAS IF 19.2" o.c. FLOOR JOIST SPACING
- GLUE AND MECHANICALLY FASTEN [SCREWS] WOOD FLOOR IF 19.2" o.c. FLOOR JOIST SPACING
- MANUFACTURED WOOD PRODUCTS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL WOOD BEAMS AND I-JOISTS) SHALL BE FABRICATED, HANDLED, AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- JOISTS ARE NOT TO BE PLACED DIRECTLY OVER INTERIOR PARALLEL WALLS. (TO PREVENT UNEVEN FLOOR DEFLECTION FROM OCCURRING)
- ALL WOOD BEAMS/HEADERS: 2x6's TO BE SPF STUD GRADE OR BETTER/ 2x8 OR LARGER TO BE SYP #2 [ PER NDS 2012 ] OR BETTER, U.O.N.
- ALL HEADERS SHALL BE SUPPORTED BY (1) 2x JACK STUD AND (1) 2x KING STUD MINIMUM. THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACKS REQUIRED, U.N.O. AT FLUSH OR DROPPED BEAMS, THE NUMBER OF STUDS SPECIFIED INDICATES THE TOTAL NUMBER OF STUDS REQUIRED TO SUPPORT THE BEAM.
- EXTERIOR WALLS TO BE 2x4 SPF STUD GRADE AT 16" o.c. UNLESS OTHERWISE NOTED (10'4-1/2" MAXIMUM WALL HEIGHT)
- ALL INTERIOR BEARING WALLS AND WALLS AT BASEMENT & FIRST FLOOR STAIRWELLS, KITCHEN, BATH, & GARAGE TO BE 2x4 SPF STUD GRADE @ 16" o.c.;
- ALL OTHER NON-BEARING INTERIOR WALLS TO BE 2x4 SPF STUD GRADE @ 24" o.c. U.O.N.
- ALL WALLS TO BE 3 1/2" UNLESS OTHERWISE NOTED.
- PROVIDE SOLID BEARING TO FOUNDATION OR BEAM BELOW FOR ALL BEAMS, HEADERS & GIRDER TRUSSES. PROVIDE BLOCKING BETWEEN JOISTS AS REQUIRED.
- SEE SELECTION SHEET FOR SIZE AND STYLE OF FIREPLACE. SEE FIREPLACE ELEVATION DETAIL FOR ADDITIONAL FRAMING REQUIREMENTS, IF ANY.
- CHECK SELECTION SHEETS FOR FLOOR COVERING AT TOP AND BOTTOM OF STAIR RISERS AND ADJUST RISERS AS REQ'D.
- PROVIDE BLOCKING AT ALL HANDRAIL TERMINATION AND BRACKET LOCATIONS.
- 20-MINUTE FIRE RATED DOOR BETWEEN GARAGE AND LIVING AREA.
- EXTERIOR WALL TO BE 2x4 SPF STUD G AT 16" o.c. UNLESS OTHERWISE NOTED (10'-0" MAXIMUM UNBRACED WALL HEIGHT).
- ALL EXTERIOR WALLS AND INTERIOR BEARING WALLS, FRAMED HIGHER THAN THE STANDARD PLATE HEIGHT, SHALL BE FRAMED WITH CONTINUOUS FULL HEIGHT STUDS TO THE HIGHEST CEILING (I.E. NO INTERMEDIATE BREAKS) TO PREVENT LATERAL HINGE CONDITIONS.
- IN THE GARAGE, PROVIDE 1/2" GYP. BOARD AT ALL WALLS COMMON TO LIVING SPACE AND ALL STRUCTURAL MEMBERS SUPPORTING FLOOR/CEILING ASSEMBLY. GARAGE CEILING TO BE 1/2" SAG RESISTANT GYP. BOARD WHEN THERE ARE NO HABITABLE SPACES ABOVE, OR 5/8" TYPE X GYP. BOARD WHEN HABITABLE SPACES ARE ABOVE.
- ALL EMERGENCY ESCAPE & RESCUE OPENINGS TO BE A MAXIMUM OF 44" OFF OF FINISHED FLOOR AND HAVE MINIMUM OPENING DIMENSIONS OF 24" IN HEIGHT, 20" IN WIDTH, & HAVE A MINIMUM OPENING AREA OF 5.7 S.F.
- ALL DOORS TO BE 6'-8" TALL UNLESS OTHERWISE NOTED.
- ALL GLASS IN INTERIOR AND EXTERIOR DOORS TO BE TEMPERED (INCLUDING SIDELITES AND TRANSOMS)
- ALL LUMBER CONTACTING CONCRETE TO BE PRESSURE TREATED.
- ALL FASTENERS, HANGERS, AND OTHER CONNECTORS TO BE USED WITH PRESSURE TREATED WOOD ARE TO HAVE ZMAX COATING (OR EQUIVALENT) HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
- AT STAIR HANDRAIL, ON ONE SIDE ONLY, SHALL BE CONTINUOUS FOR THE ENTIRE LENGTH OF THE STAIRWAY, AND ENDS SHALL BE RETURNED TO A WALL OR POST. THE HANDRAIL MAY BE INTERRUPTED AT A NEWEL POST AT A TURN.
- ALL HANDRAIL GRIP PORTIONS SHALL NOT EXCEED 2-1/4" IN CROSS SECTIONAL DIMENSION.
- HANDRAILS SHALL BE INSTALLED ON ALL STAIRS WITH 2 OR MORE RISERS, HANDRAIL HEIGHTS SHALL BE A MINIMUM OF 34" AND A MAXIMUM OF 38".
- ALL STAIRS TO BE CONSTRUCTED SO AS NOT TO ALLOW A 4" SPHERE TO PASS THROUGH THE RISER.
- GUARDRAILS MUST BE A MINIMUM OF 36" HIGH. GUARDRAILS AT THE OPEN SIDES OF STAIRS MUST BE A MINIMUM OF 34" HIGH MEASURED VERTICALLY FROM THE NOSING AT THE TREADS. THE HORIZONTAL SPACING OF THE VERTICAL BALUSTERS SHALL BE 4" O.C.
- GUARDRAIL DESIGN TO RESIST A MINIMUM OF 200 LBS LATERAL FORCE

## MECHANICAL/ELECTRICAL NOTES

- ANY GAS APPLIANCES MUST BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- HOLD THE CENTERLINE OF ALL EXTERIOR LIGHT FIXTURES AT 5'-8" OFF BOTTOM OF DOOR OPENING.
- ALL KITCHEN CABINET DIMENSIONS ARE CABINET TO CABINET.
- CABINET STYLES MAY VARY FROM INTERIOR ELEVATIONS DEPENDING ON STYLE, MANUFACTURER, ETC. FOR CABINET DETAILS SEE SHOP DRAWINGS.
- CABINET SIZES MAY VARY WITH FULL-OVERLAY CABINETS.
- GROUND FAULT INTERRUPTER (GFCI) OUTLETS TO BE INSTALLED PER NEC 2017, SECT. 210.8
- PROVIDE HOSE BIBS PER DIVISION SPEC. SHEET. EXACT LOCATION TO BE FIELD DETERMINED UNLESS OTHERWISE NOTED ON THE PLANS.
- MIN. 50 C.F.M. FOR ALL EXHAUST FANS IN BATHROOMS

### INSULATION DETAILS

|   |            |      |
|---|------------|------|
| EXTERIOR STUD WALL CAVITY:                | (2x4)      | R-15 |
| (2x6)                                     | R-19       |      |
| FLOOR JOIST CAVITY AT STANDARD PERIMETER: | R-19       |      |
| FLOOR JOIST CAVITY AT CANTILEVER:         | R-19       |      |
| OVER GARAGE: (OVER HORIZONTAL SPACE)      | R-38 BLOWN |      |
| (SLOPED AND VERTICAL SPACE)               | R-38 BATT  |      |

## ELEVATION NOTES

- WINDOW STYLE AND MULLIONS MAY VARY FROM ELEVATION DEPENDING UPON MANUFACTURER, STYLE, PATTERN, TYPE, ETC.
- USE SECONDARY HEAT BARRIER ON ALL DIRECT VENT FIREPLACES 7" OR LESS ABOVE A WALKWAY.
- GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6" WITHIN THE FIRST 10'.
- PROVIDE TYVEK OR EQUIVALENT HOUSE WRAP BEHIND BRICK AND STONE VENEER OVER WOOD SHEATHING.
- PROVIDE BRICK WEEP HOLES AT 24" O.C. WITH BRICK VENEER AND MORTAR NET BEHIND AND THROUGH WEEP HOLES.
- PROVIDE FLASHING AND WEEP HOLES ABOVE ALL BRICK ANGLE IRONS, BELOW ALL BRICK SILLS AND ABOVE SILL PLATE SEALERS.
- EXTERIOR STEPS TO HAVE A MAXIMUM 8" RISER. WHEN VERTICAL RISE EXCEEDS 30" OR FOUR OR MORE CONTINUOUS RISERS, A HANDRAIL IS REQUIRED.

## ROOF PLAN NOTES

- ALL OVERHANGS TO HAVE (2) SOFFIT VENTS PER EACH 8' SOFFIT SECTION.
- PROVIDE BAFFLES AT EXTERIOR TRUSS BEARING FOR VENTILATION.
- PROVIDE 15# FELT PAPER UNDER SHINGLES.

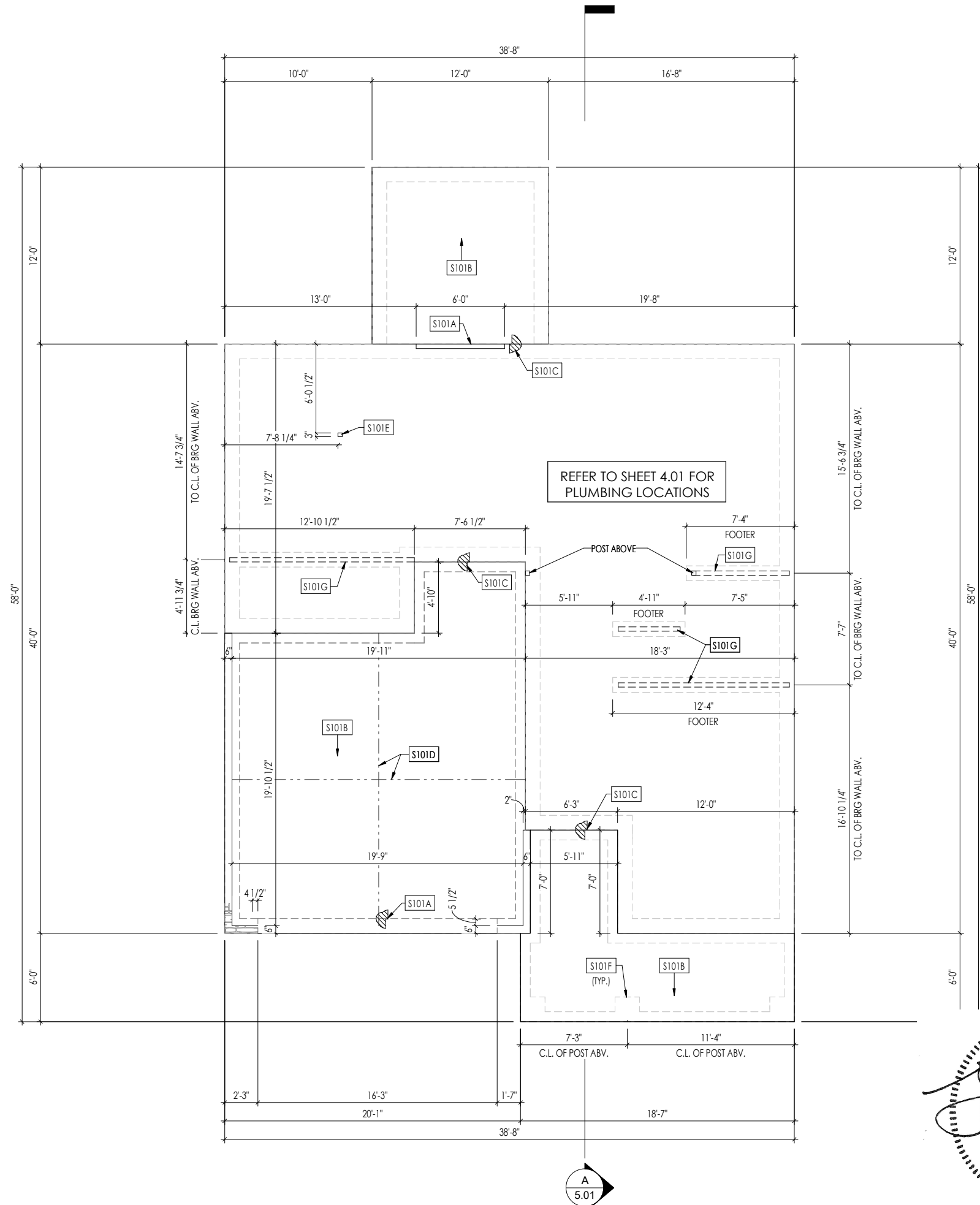


Space for Architect Seal

RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                    |                                  |                                  |                                     |
|------------------------------------|----------------------------------|----------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b> | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b>    | Coord Phone:<br><b>859-578-4355</b> |
| House Name:                        |                                  | Drawing Scale: 1/8" = 1'0"       |                                     |
| <b>the AUTUMN II</b>               |                                  | Contract Drawn By:<br><b>DWW</b> |                                     |
|                                    |                                  | Series:<br><b>CLASSIC</b>        |                                     |
| Born on Date: <b>07/02/21</b>      |                                  | CDs Drawn By: <b>BLC</b>         |                                     |

|  |                   |                                |
|--|-------------------|--------------------------------|
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|  |                   | General Notes<br>Elevation "B" |



**General Notes:**

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.

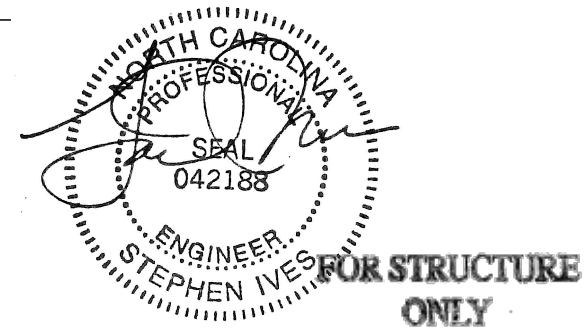
**Key Notes:**

|       |  |
|-------|--|
| S101A | 3/4" WEATHER LIP (1-1/2" @ SLIDING GLASS DOOR)                   |
| S101B | SLOPE SLAB 1/8" PER FOOT   |
| S101C | DROP SLAB 3-1/2"   |
| S101D | SLAB CONTROL JOINT   |
| S101E | PROVIDE CONDUIT FOR ELECTRIC TO KITCHEN ISLAND                   |
| S101F | PAD FOOTING UNDER PORCH COLUMN ABOVE - SEE DETAIL F/D1.3         |
| S101G | 8"x16" THICKENED PLAIN CONCRETE FOOTING UNDER BEARING WALL ABOVE |

Space for Architect Seal

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 SERENITY

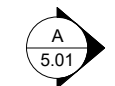
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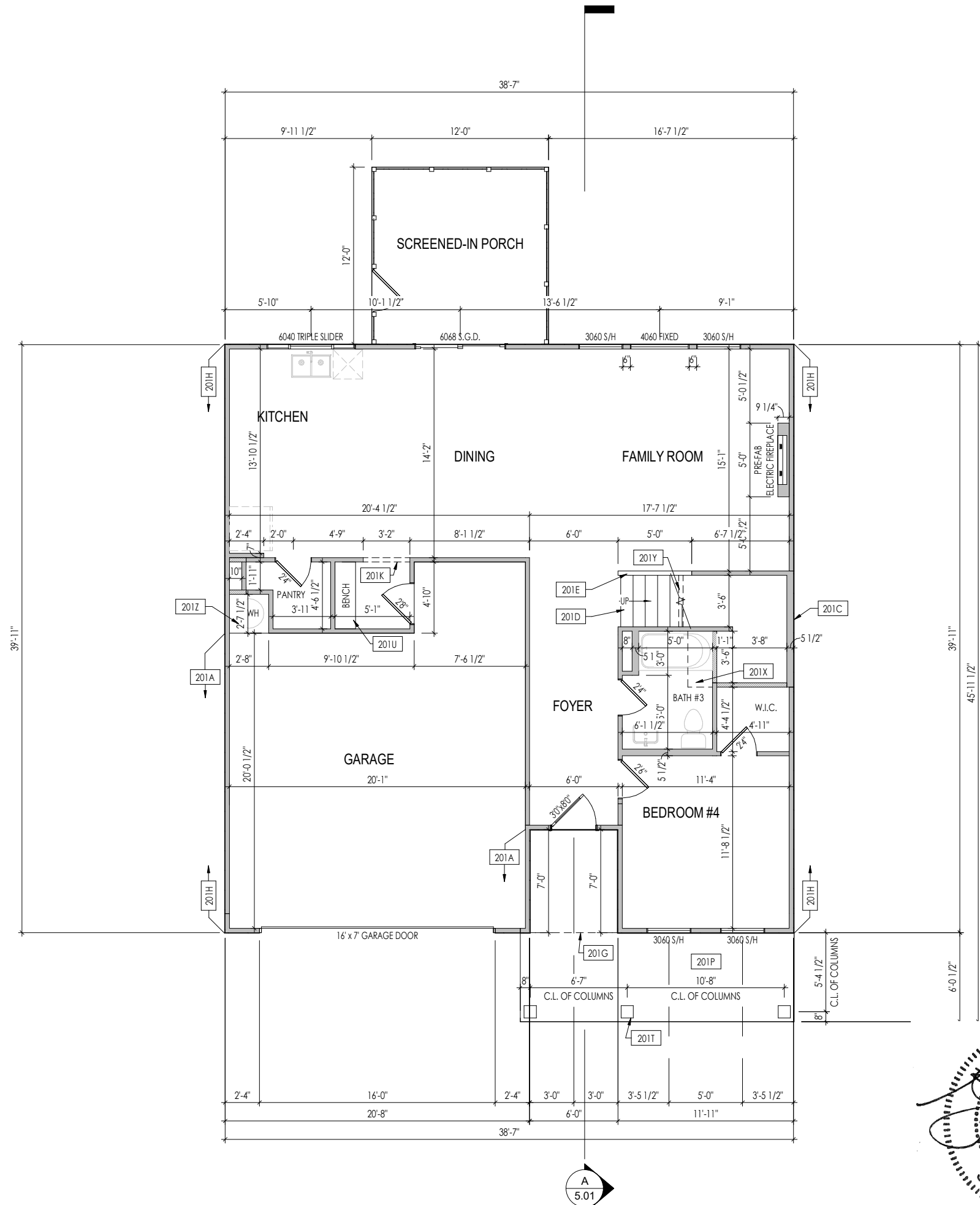


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Sheet Information

**1.01S**  
 Foundation Plan (Slab)  
 Elevation "B"





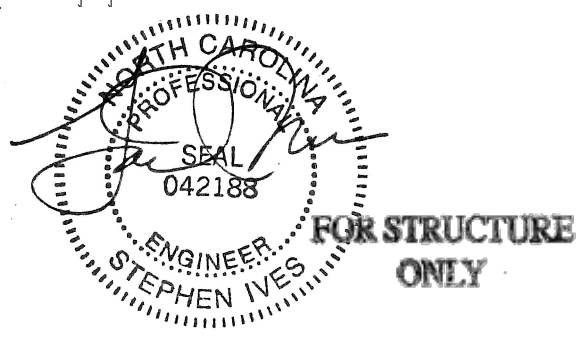
- General Notes:**
1. REFER TO SHEET 0N.1 FOR GENERAL NOTES.
  2. ALL FIRST FLOOR CEILINGS TO BE 9'-1" ABOVE SUBFLOOR UNLESS OTHERWISE NOTED.
  3. FRAME TOP OF ALL WINDOWS AT 1'-0 1/4" BELOW TOP OF PLATE UNLESS OTHERWISE NOTED.
  4. ALL DROPPED, INTERIOR HEADERS (FALSE AND BEARING) ARE DROPPED 1'-0" FROM CEILING.
  5. REFER TO SELECTION SHEETS FOR FLOORING MATERIAL PRIOR TO CONSTRUCTING STAIRS TO DETERMINE RISER HEIGHTS.
  6. REFER TO SHEET 2.01S FOR STRUCTURAL INFORMATION.

- Key Notes:**
- |      |   |
|------|---|
| 201A | FRAME GARAGE WALLS AT 10'-5 1/4" HIGH FROM TOP OF FOUNDATION WALL       |
| 201C | 2x6 BALLOON FRAMED WALL - SEE SHEET 2.01S FOR MORE INFO                 |
| 201D | SEE DETAIL D/7.01 FOR STAIR FRAMING DETAILS                             |
| 201E | 36" HIGH WALL SLOPED WITH STAIR STRINGER                                |
| 201G | OUTLINE OF SECOND FLOOR ABOVE   |
| 201H | PROVIDE 1/2" FIRE RATED PLYWOOD ON SIDE ELEVATIONS                      |
| 201K | FRAME TOP OF OPENING AT HEIGHT SPECIFIED IN GENERAL NOTES ON THIS SHEET |
| 201P | CARPENTER TO DROP ELECTRICAL WIRE THROUGH PORCH CEILING FOR LIGHTS      |
| 201T | SEE DETAIL E/7.01 FOR FRONT PORCH COLUMN FRAMING INFO                   |
| 201U | BENCH - SEE DETAIL F/D2.2   |
| 201X | SLOPE CEILING WITH BOTTOM OF STAIRS                                     |
| 201Y | APPROX. LOCATION OF 36" HIGH WALL UNDER STAIRS (FIELD VERIFY)           |
| 201Z | 18" HIGH WATER HEATER PLATFORM  |

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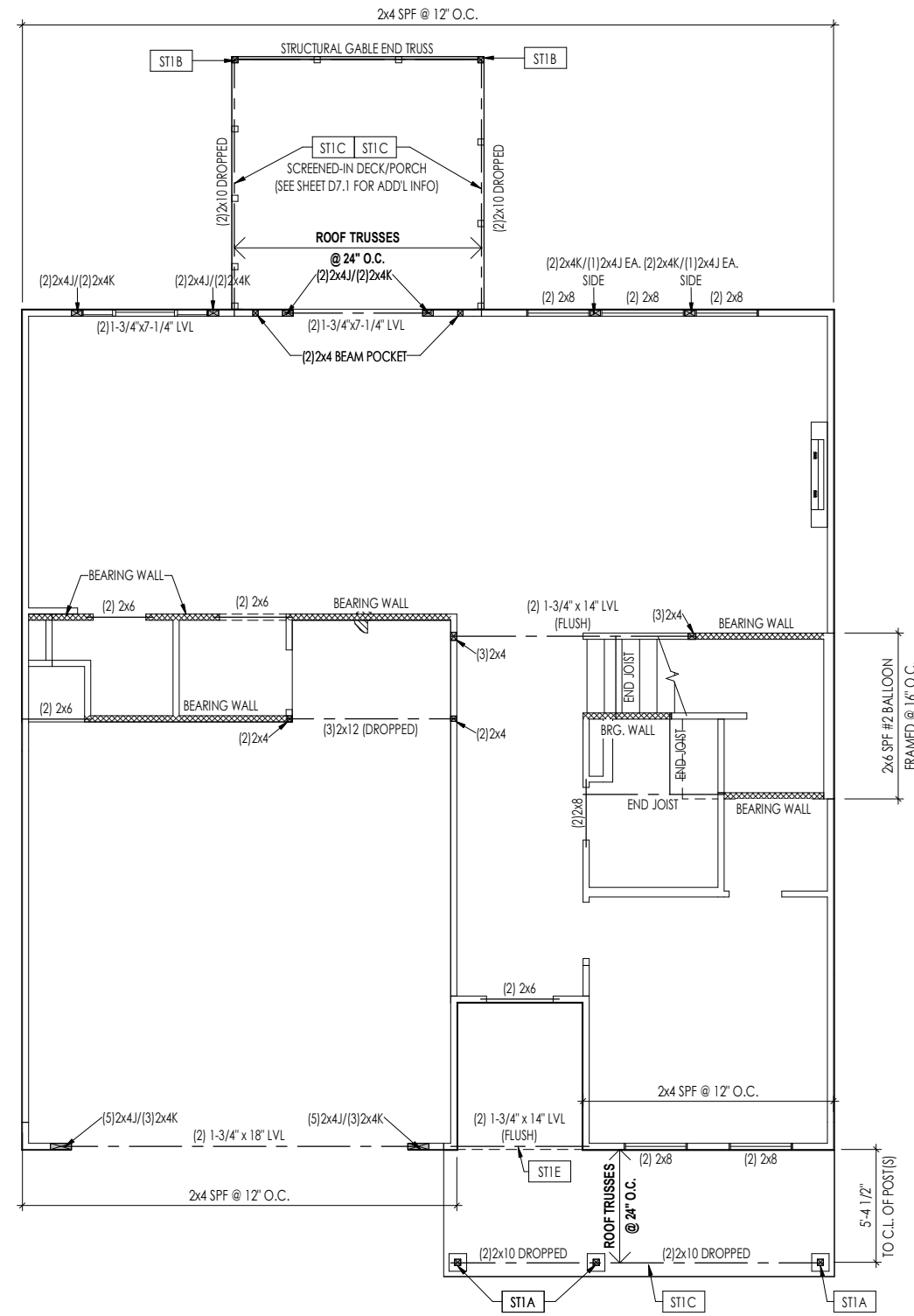
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**2.01F**  
 First Floor Framing Plan  
 Elevation "B"

Sheet Information



**LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS**

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:  
**120 MPH WIND IN 2018 NCSBC MAP**  
 (120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.2.1.1)  
 EXP. B & SEISMIC CAT. A/B.

**EXT. WALL SHEATHING SPECIFICATION**

- 7/16" OSB OR 15/32" PLYWOOD:  
 FASTEN SHEATHING w/ 2-3/8"x0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP. U.N.O.)
- ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/8" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

**3" O.C. EDGE NAILING**

- AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING w/ 2-3/8"x0.113 NAILS @ 3" O.C. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

**NOTES**

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
- DESIGN ASSUMES 16" O.C. MAX. STUD SPACING, U.N.O.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED w/ OSB OR PLYWOOD w/ 10d NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

- INDICATES EXTENT OF INT. OSB SHEARWALL, AND/OR 3" O.C. EDGE NAILING
- ▶ INDICATES HOLDDOWN
- \* INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

**General Notes:**

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.

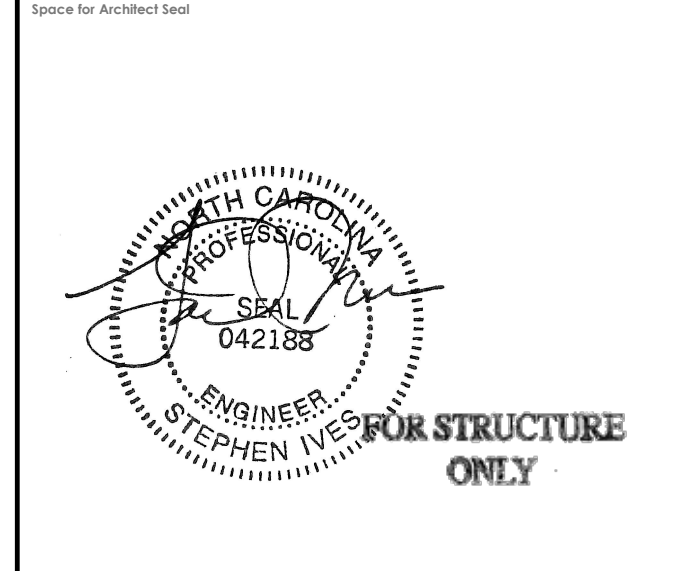
**Key Notes:**

|      |  |
|------|--|
| ST1A | 4x4 P.T. WOOD POST WITH SIMPSON ABW44Z POST BASE AND SIMPSON BCS2-2/4 CAP                |
| ST1B | 4x4 P.T. POST W/ SIMPSON BCS2-2/4 CAP & BASE (PROVIDE ABW44Z BASE @ OPT. SOG FOUNDATION) |
| ST1C | FRAME TOP OF BEAM AT 9'-1" ABOVE FIRST FLOOR SUBFLOOR/SLAB                               |
| ST1E | OUTLINE OF SECOND FLOOR ABOVE  |

**CONNECTION SPECIFICATIONS (TYP. U.N.O.)**

NOTE: 10d NAIL = 3" x 0.131" GUN NAIL

|  |  |
|--|--|
| JOIST TO SOLE PLATE                          | (3) 10d TOENAILS   |
| SOLE PLATE TO JOIST/BLK'G.                   | 10d NAILS @ 6" o.c.  |
| STUD TO SOLE PLATE                           | (3) 10d TOENAILS   |
| TOP OR SOLE PLATE TO STUD                    | (3) 10d NAILS  |
| RIM TO TOP PLATE                             | 10d TOENAILS @ 6" o.c.   |
| BLK'G. BTWN. JOISTS TO TOP PL.               | (3) 10d TOENAILS   |
| RAFTER/TRUSS TO TOP PLATE                    | (3) 10d TOENAILS + (1) SIMPSON H2.5A   |
| GAB. END TRUSS TO DBL. TOP PL.               | 10d TOENAILS @ 8" o.c.   |
| R.T. w/ HEEL HT. 9 1/2" TO 12"               | 2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. 12" TO 16"                  | 2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. UP TO 24"                   | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C.   |
| R.T. w/ HEEL HT. 24" TO 48"                  | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL |
| DOUBLE STUD                                  | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE                             | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE LAP SPLICE                  | (10) 10d NAILS IN LAPPED AREA  |
| TOP PLATE LAP @ CORNERS & INTERSECTING WALLS | (2) 10d NAILS  |
| WALL TO FOUNDATION                           | WALL SHTG. LAP w/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.   |



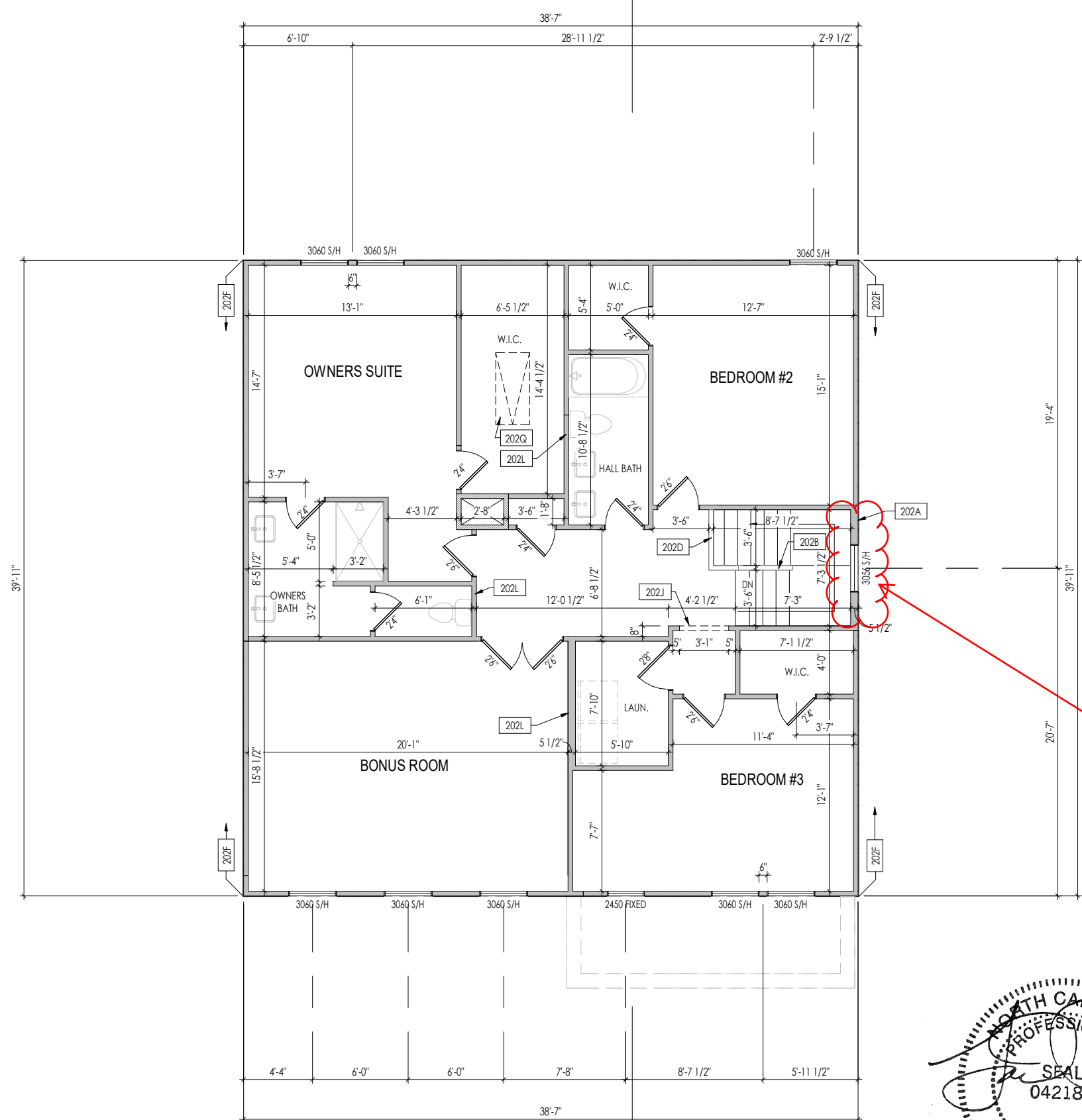
RESIDENCE FOR:  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br><b>07/02/21</b>    |                                  |                               | CDs Drawn By:<br><b>BLC</b>         |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.:                           |

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Sheet Information

**2.01S**  
 First Floor Structural Plan  
 Elevation "B"



**General Notes:**

1. REFER TO SHEET 0N.1 FOR GENERAL NOTES.
2. ALL SECOND FLOOR CEILINGS TO BE 9'-1" ABOVE SUBFLOOR UNLESS OTHERWISE NOTED.
3. FRAME TOP OF ALL WINDOWS AT 1'-0 1/4" BELOW TOP OF PLATE UNLESS OTHERWISE NOTED.
4. ALL DROPPED, INTERIOR HEADERS (FALSE AND BEARING) ARE DROPPED 1'-0" FROM CEILING.
5. REFER TO SELECTION SHEETS FOR FLOORING MATERIAL PRIOR TO CONSTRUCTING STAIRS TO DETERMINE RISER HEIGHTS.
6. REFER TO SHEET 2.02S FOR STRUCTURAL INFORMATION.

**Key Notes:**

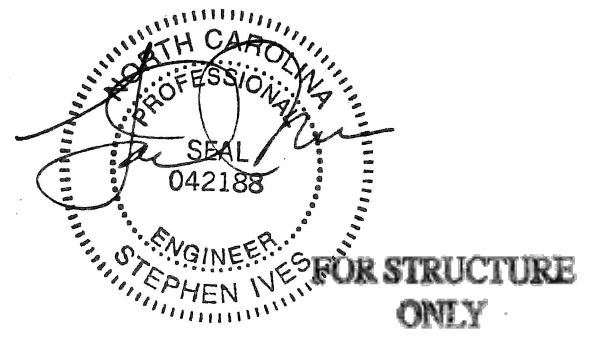
|      |   |
|------|---|
| 202A | 2x6 BALLOON FRAMED WALL - SEE SHEET 2.02S FOR MORE INFO                 |
| 202B | 36" HIGH WALL SLOPED WITH STAIR STRINGER                                |
| 202D | 36" HIGH WALL   |
| 202F | PROVIDE 1/2" FIRE RATED PLYWOOD ON SIDE ELEVATIONS                      |
| 202J | FRAME TOP OF OPENING AT HEIGHT SPECIFIED IN GENERAL NOTES ON THIS SHEET |
| 202L | DO NOT LOCATE TRUSS ABOVE PLUMBING WALL                                 |
| 202Q | PULL DOWN ATTIC ACCESS STAIRS (25-1/2" x 54") WITH LIGHT AND OUTLET     |

Space for Architect Seal

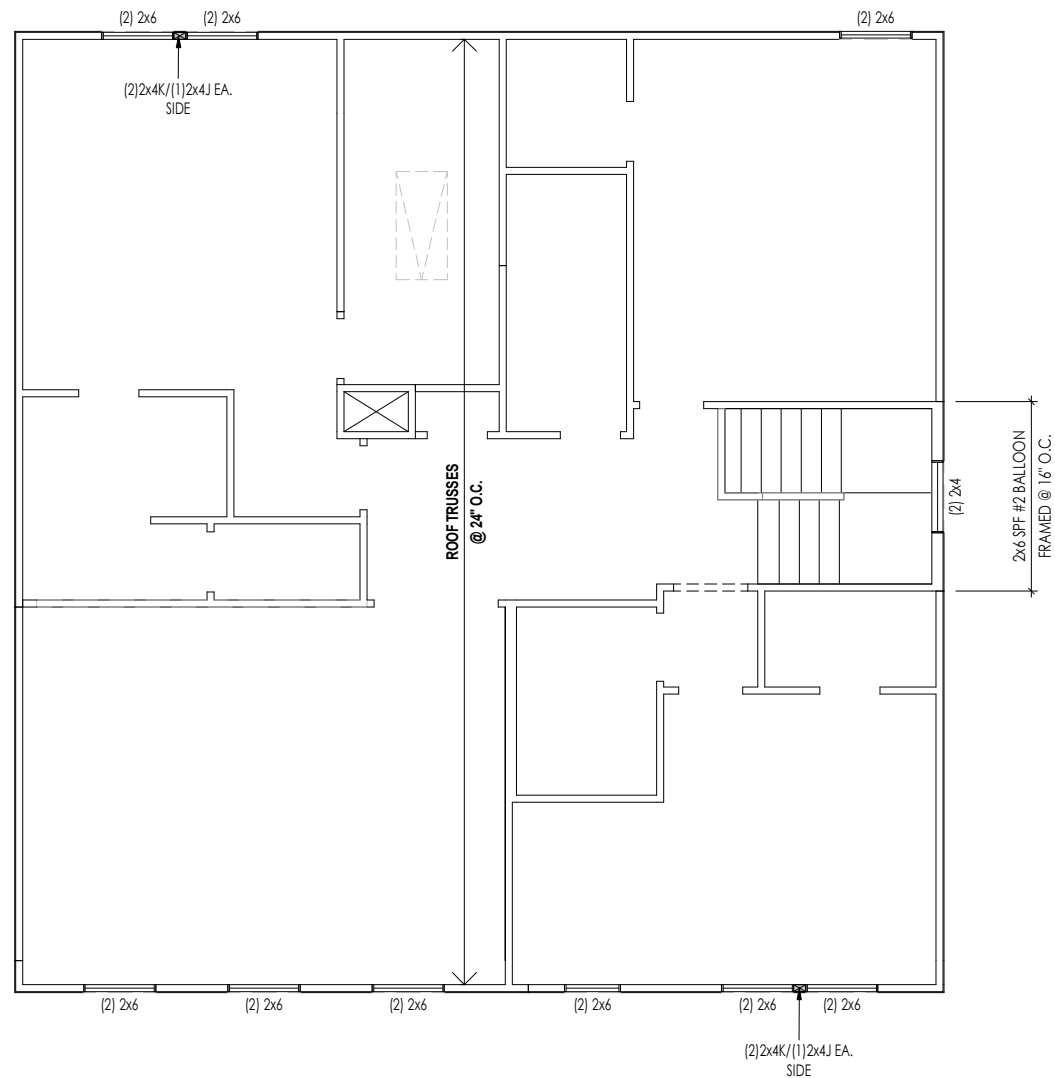
Fire rated window.  
See last pages

**RESIDENCE FOR:  
MARKET  
63 RELAXING PLACE  
SERENITY**

|                                    |                                  |                               |                                     |
|------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b> | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:                        |                                  | Drawing Scale: 1/8" = 1'-0"   | Contract Drawn By:<br><b>DWW</b>    |
| <b>the AUTUMN II</b>               |                                  |                               | Series:<br><b>CLASSIC</b>           |
| Born on Date: 07/02/21             | CDs Drawn By: BLC                | Plan No.:                     |                                     |



|  |   |
|--|---|
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|  |   |



### LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:  
**120 MPH WIND IN 2018 NCSBC MAP**  
 (120 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301.2.1.1) EXP. B & SEISMIC CAT. A/B.

#### EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD:  
FASTEN SHEATHING w/ 2-3/8"x 0.113 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP. U.N.O.)
- ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE FASTENING.
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/4" CROWN) @ 3" O.C. AT EDGES & @ 6" O.C. IN FIELD.

#### 3" O.C. EDGE NAILING

- AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING w/ 2-3/8"x 0.113 NAILS @ 3" O.C. NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED AND INSTALLED FULL HEIGHT OF SHEAR WALL OR 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

#### NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN, IT WILL BE SPECIFICALLY NOTED ON PLAN.
- DESIGN ASSUMES 16" O.C. MAX. STUD SPACING, U.N.O.
- ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED w/ OSB OR PLYWOOD w/ 10d NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

- INDICATES EXTENT OF INT. OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING
- ▶ INDICATES HOLDDOWN
- \* INDICATES POST ABOVE (P.A.) PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

#### General Notes:

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.

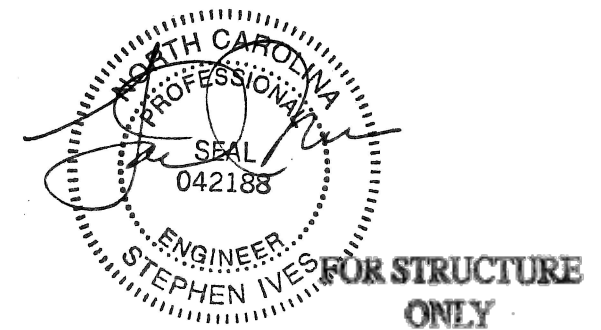
#### Key Notes:

### CONNECTION SPECIFICATIONS (TYP. U.N.O.)

NOTE: 10d NAIL = 3" x 0.131" GUN NAIL

|  |  |
|--|--|
| JOIST TO SOLE PLATE                          | (3) 10d TOENAILS   |
| SOLE PLATE TO JOIST/BLK'G.                   | 10d NAILS @ 6" o.c.  |
| STUD TO SOLE PLATE                           | (3) 10d TOENAILS   |
| TOP OR SOLE PLATE TO STUD                    | (3) 10d NAILS  |
| RIM TO TOP PLATE                             | 10d TOENAILS @ 6" o.c.   |
| BLK'G. BTWN. JOISTS TO TOP PL.               | (3) 10d TOENAILS   |
| RAFTER/TRUSS TO TOP PLATE                    | (3) 10d TOENAILS + (1) SIMPSON H2.5A   |
| GAB. END TRUSS TO DBL. TOP PL.               | 10d TOENAILS @ 8" o.c.   |
| R.T. w/ HEEL HT. 9 1/4" TO 12"               | 2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. 12" TO 16"                  | 2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. UP TO 24"                   | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C.   |
| R.T. w/ HEEL HT. 24" TO 48"                  | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL |
| DOUBLE STUD                                  | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE                             | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE LAP SPLICE                  | (10) 10d NAILS IN LAPPED AREA  |
| TOP PLATE LAP @ CORNERS & INTERSECTING WALLS | (2) 10d NAILS  |
| WALL TO FOUNDATION                           | WALL SHTG. LAP w/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.   |

Space for Architect Seal



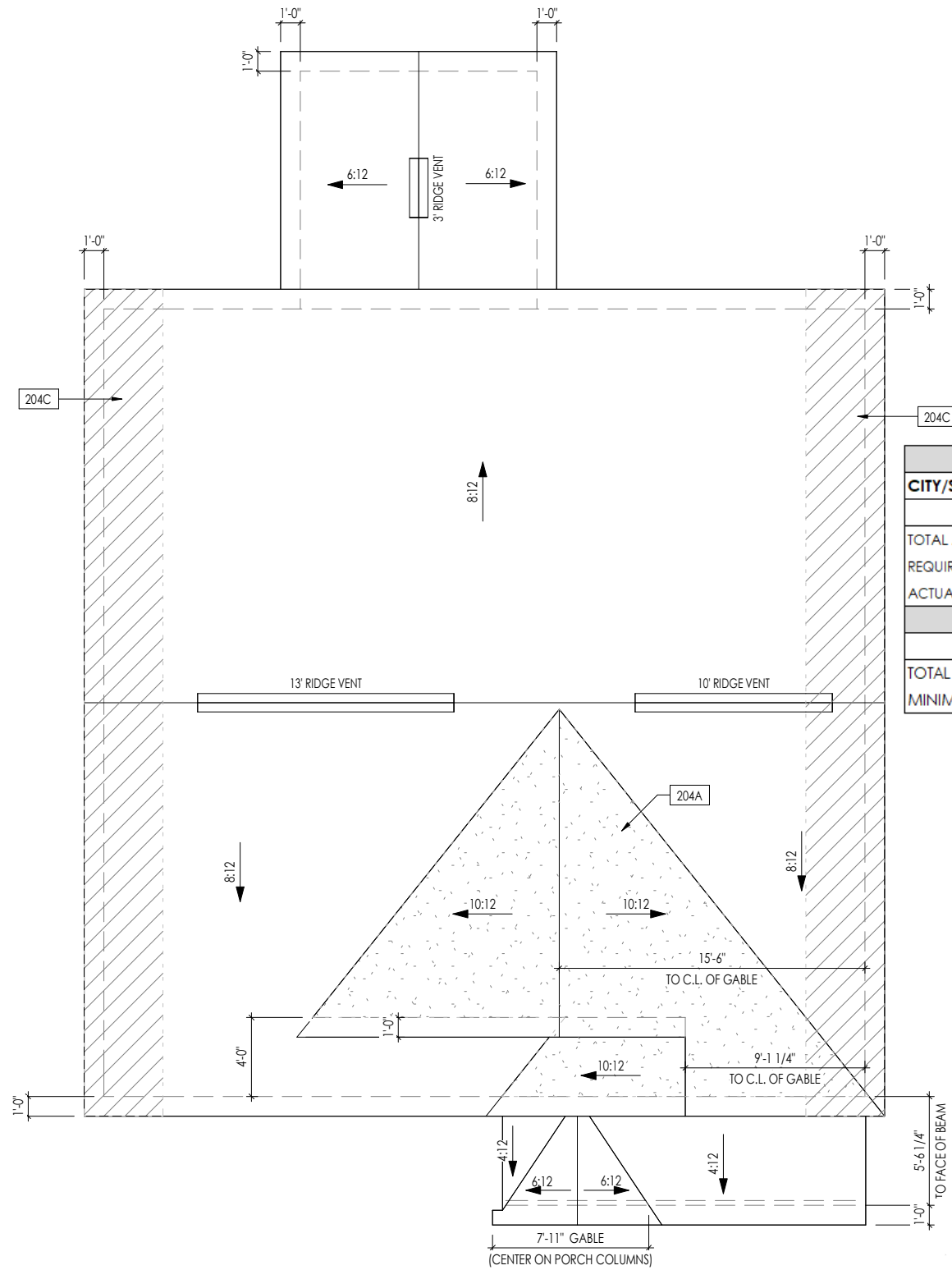
RESIDENCE FOR:  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  | Drawing Scale: 1/8" = 1'0"    |                                     |
| Contract Drawn By:<br><b>DWW</b>    |                                  | Series:<br><b>CLASSIC</b>     |                                     |
| Born on Date: 07/02/21              |                                  | CDs Drawn By: BLC             |                                     |

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**2.02S**  
 Second Floor Structural Plan  
 Elevation "B"

Sheet Information



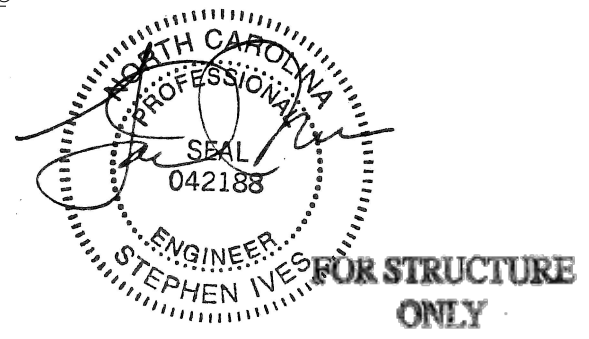
| HEEL CUT STANDARDS |         |         |
|--------------------|---------|---------|
| OVERHANG           |         |         |
|                    | 1'-0"   | 2'-0"   |
| 4:12               | 3-3/4"  | 7-3/4"  |
| 5:12               | 4-3/4"  | 9-3/4"  |
| 6:12               | 5-3/4"  | 11-3/4" |
| 7:12               | 6-3/4"  | 13-3/4" |
| 8:12               | 7-3/4"  | N/A     |
| 9:12               | 8-3/4"  | N/A     |
| 10:12              | 9-3/4"  | N/A     |
| 12:12              | 11-3/4" | N/A     |
| 14:12              | 13-3/4" | N/A     |

| ROOF VENTILATION                                |            |       |
|---|------------|-------|
| CITY/SERIES:                                    | RALEIGH    |       |
|   | MAIN HOUSE | LOWER |
| TOTAL ATTIC AREA:                               | 1,701      | 169   |
| REQUIRED NET FREE VENTILATION (ATTIC AREA/300): | 5.67       | 0.56  |
| ACTUAL NET FREE VENTILATION (UPPER + LOWER):    | 5.79       | 1.64  |
| DOWNSPOUT CALCULATION                           |            |       |
|   | MAIN HOUSE | LOWER |
| TOTAL DRAINABLE ROOF AREA:                      | 2211.3     | 219.7 |
| MINIMUM # OF DOWNSPOUTS:                        | 4          | 1     |

|  |  |
|--|--|
| General Notes:                               |  |
| 1. REFER TO SHEET ON.1 FOR GENERAL NOTES.    |  |
| Key Notes:                                   |  |
| 204A   | VALLEY TRUSS OVER FRAMING @ 24" O.C.   |
| 204C   | 4'-0" (MIN.) OF FIRE RETARDANT TREATED ROOF SHEATHING. NO PENETRATION ALLOWED WITHIN 4' OF EXTERIOR WALL - SEE DETAIL A/7.02 FOR FIRE BLOCKING AT SOFFIT |
| CONNECTION SPECIFICATIONS (TYP. U.N.O.)      |  |
| NOTE: 10d NAIL = 3" x 0.131" GUN NAIL        |  |
| JOIST TO SOLE PLATE                          | (3) 10d TOENAILS   |
| SOLE PLATE TO JOIST/BLK'G.                   | 10d NAILS @ 6" o.c.  |
| STUD TO SOLE PLATE                           | (3) 10d TOENAILS   |
| TOP OR SOLE PLATE TO STUD                    | (3) 10d NAILS  |
| RIM TO TOP PLATE                             | 10d TOENAILS @ 6" o.c.   |
| BLK'G. BTWN. JOISTS TO TOP PL.               | (3) 10d TOENAILS   |
| RAFTER/TRUSS TO TOP PLATE                    | (3) 10d TOENAILS + (1) SIMPSON H2.5A   |
| GAB. END TRUSS TO DBL. TOP PL.               | 10d TOENAILS @ 8" o.c.   |
| R.T. w/ HEEL HT. 9 1/2" TO 12"               | 2x10 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. 12" TO 16"                  | 2x12 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ 10d TOENAILS @ 6" O.C.  |
| R.T. w/ HEEL HT. UP TO 24"                   | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C.   |
| R.T. w/ HEEL HT. 24" TO 48"                  | LAP WALL SHTG. w/ DBL. TOP PL. & INSTALL ON TRUSS VERT. - FASTEN w/ 8d NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL                           |
| DOUBLE STUD                                  | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE                             | 10d NAILS @ 24" o.c.   |
| DOUBLE TOP PLATE LAP SPLICE                  | (10) 10d NAILS IN LAPPED AREA  |
| TOP PLATE LAP @ CORNERS & INTERSECTING WALLS | (2) 10d NAILS  |
| WALL TO FOUNDATION                           | WALL SHTG. LAP w/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.   |

Space for Architect Seal

|  |                           |                            |                              |
|--|---------------------------|----------------------------|------------------------------|
| RESIDENCE FOR:<br><b>MARKET</b><br>63 RELAXING PLACE<br>SERENITY |                           |                            |                              |
| Job Number:<br>STY5-0032-00                                      | Drawing Date:<br>10/13/22 | Coord Name:<br>GREG P.     | Coord Phone:<br>859-578-4355 |
| House Name:<br>the AUTUMN II                                     |                           | Drawing Scale: 1/8" = 1'0" |                              |
| Born on Date: 07/02/21   |                           | CDs Drawn By: BLC          |                              |
| Contract Drawn By:<br>DWW  |                           | Series:<br>CLASSIC         |                              |
| Plan No.:  |                           |                            |                              |

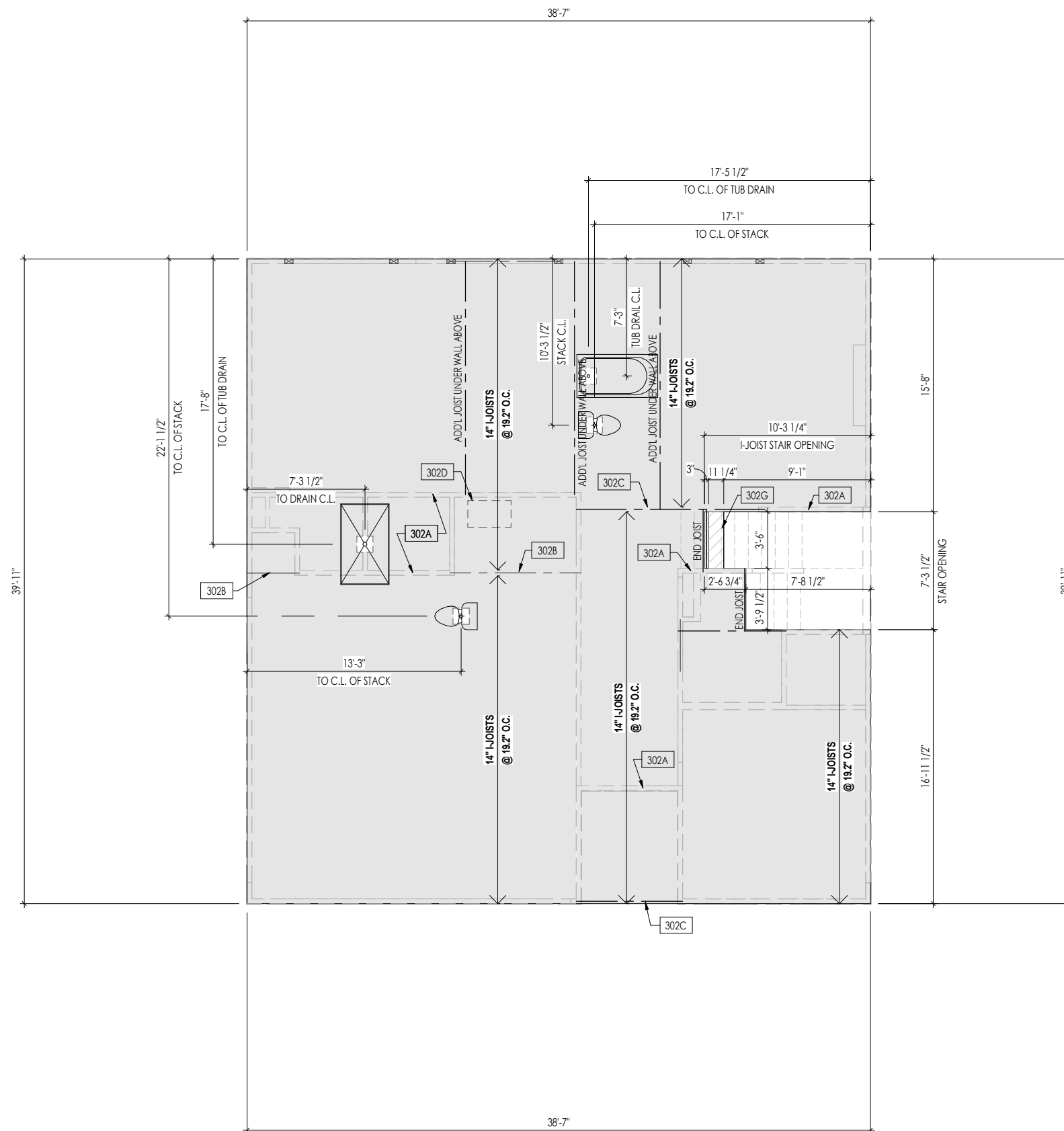


2.04

Roof Plan  
Elevation "B"

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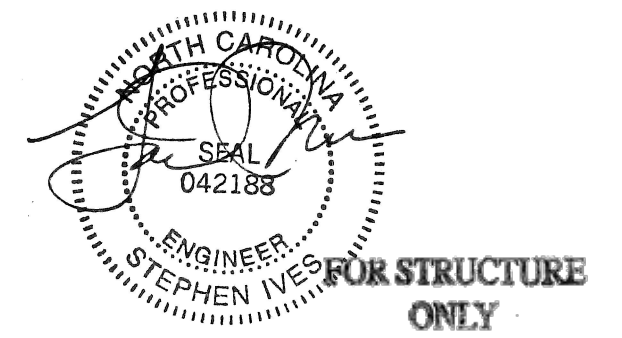
**General Notes:**

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.
2. FLOOR JOISTS TO BE 14" BOISE CASCADE 5000 SERIES I-JOISTS, OR EQUAL, @ 19.2" O.C., UNLESS OTHERWISE NOTED.
3. JOISTS ARE NOT TO BE PLACED DIRECTLY OVER INTERIOR PARALLEL WALL. (TO PREVENT UNEVEN FLOOR DEFLECTION FROM OCCURRING)
4. ADD'L JOISTS MAY BE LOCATED UP TO 2' AWAY FROM THE PARTITION WALL ABOVE IN CASES WHERE MECHANICAL PENETRATIONS

**Key Notes:**

|      |  |
|------|--|
| 302A | BEARING WALL BELOW   |
| 302B | BEAM BELOW - SEE SHEET 2.01S FOR MORE INFO                                       |
| 302C | FLUSH BEAM - SEE SHEET 2.01S FOR MORE INFO                                       |
| 302D | OUTLINE OF HVAC CHASE ABOVE  |
| 302G | [2]x8 (TOP FLUSH) NEXT TO 2x12 FLAT FRAME FOR STAIR HEADROOM - SEE DETAIL X/X.XX |

Space for Architect Seal



RESIDENCE FOR:  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

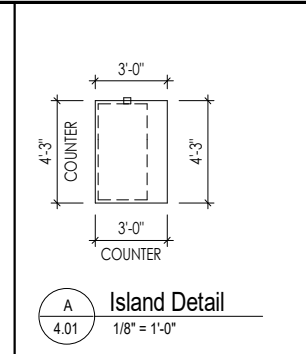
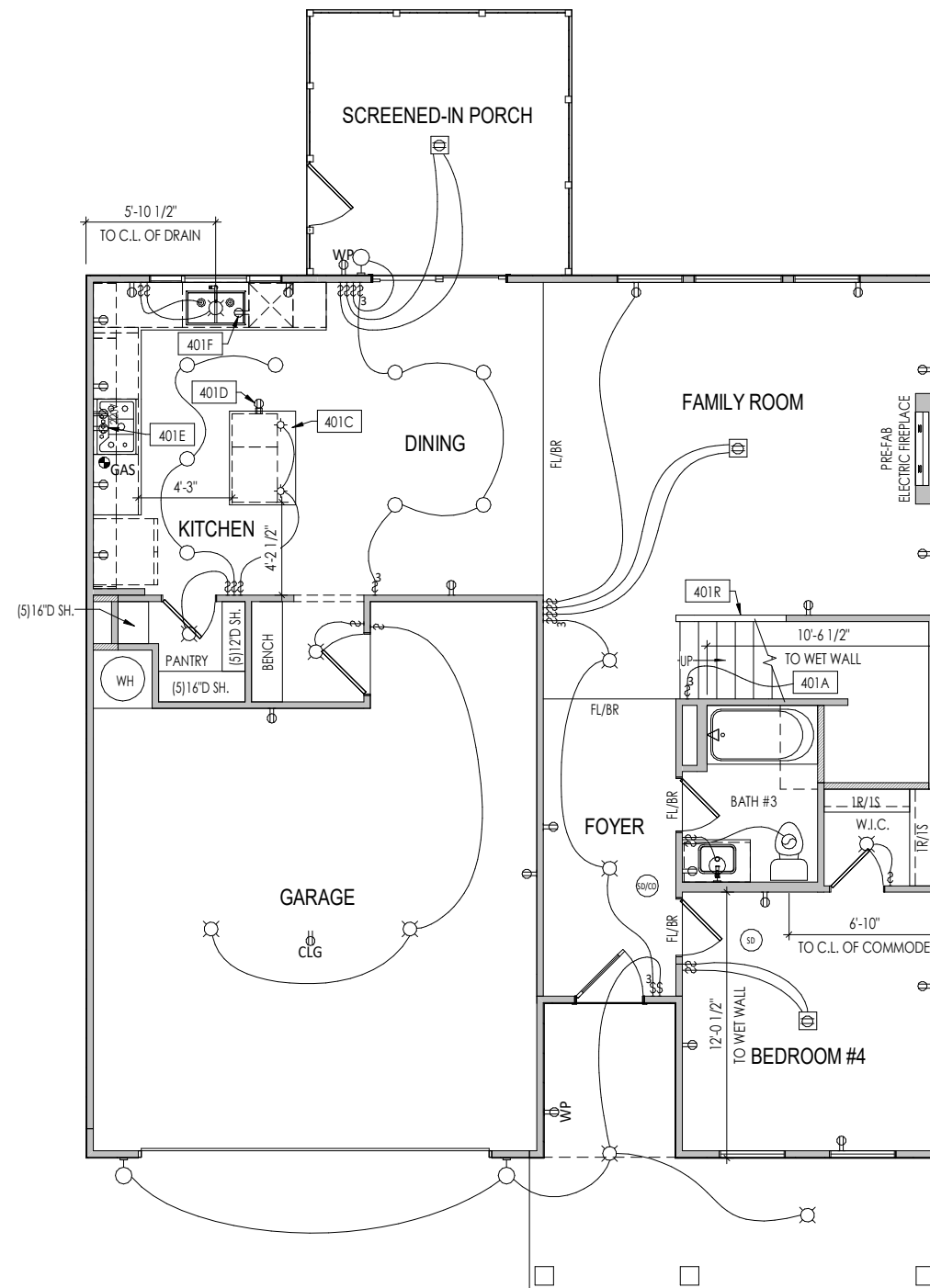
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| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br>07/02/21           |                                  |                               | CDs Drawn By:<br>BLC                |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.:                           |

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Sheet Information

# 3.02

Second Floor Subfloor Plan  
Elevation "B"



**General Notes:**

- REFER TO SHEET ON.1 FOR GENERAL NOTES.

**Key Notes:**

|      |   |
|------|---|
| 401A | TO SWITCH OR LIGHT ABOVE                                    |
| 401C | SEE DETAIL A/4.01 FOR KITCHEN ISLAND COUNTERTOP DIMENSIONS  |
| 401D | HOLD OUTLET HIGH ON ISLAND                                  |
| 401E | OUTLET FOR RANGE HOOD/MICROWAVE HELD HIGH, VENT TO EXTERIOR |
| 401F | OUTLET FOR DISHWASHER LOCATED IN SINK CABINET               |
| 401R | HALF WALL W/ WOOD CAP                                       |

**MECHANICAL LEGEND**

|  |  |  |
|--|--|--|
| ◀ PHONE JACK   | ○ CLG. MOUNTED LIGHT FIXT.                                       | ■ STAIR LIGHT                            |
| ⊖ WALL OUTLET  | ○ SURFACE MOUNT DISC LIGHT OR RECESSED CEILING LIGHT, PER SPECS. | + HOSE BIB                               |
| ⊖ WEATHERPROOF GFCI OUTLET   | ○ WALL MOUNTED LIGHT FIXT.                                       | △ SHOWER HEAD                            |
| ⊖ 220 VOLT OUTLET  | ○ DOUBLE SPOTLIGHT FIXT.   | ⊖ GAS GAS HOOK UP                        |
| ⊖ GFCI OUTLET  | ○ DIRECTIONAL CAN LIGHT  | ⊖ FLOOR DRAIN                            |
| ⊖ FLOOR OUTLET   | ○ PIN LIGHT  | ⊖ SMOKE DETECTOR                         |
| ⊖ CABLE TELEVISION JACK  | ○ WALL SCONCE @ 5'-6" A.F.F.                                     | ⊖ CO DETECTOR                            |
| ⊖ SINGLE POLE SWITCH   | ○ FLUORESCENT LIGHT  | ⊖ SMOKE DETECTOR/CO DETECTOR COMBINATION |
| ⊖ 3-WAY SWITCH   | ○ UNDER CABINET LIGHTING   | ⊖ EXHAUST FAN AND LIGHT COMBINATION      |
| ⊖ 4-WAY SWITCH   |  | ⊖ CLG. MTD. EXHAUST FAN                  |
| ⊖ BLOCK, MOUNT, & SWITCH FOR FUTURE FAN/LIGHT COMBINATION (CENTER, UNLESS OTHERWISE NOTED) |  |  |

Space for Architect Seal

**RESIDENCE FOR:**  
**MARKET**  
63 RELAXING PLACE  
SERENITY

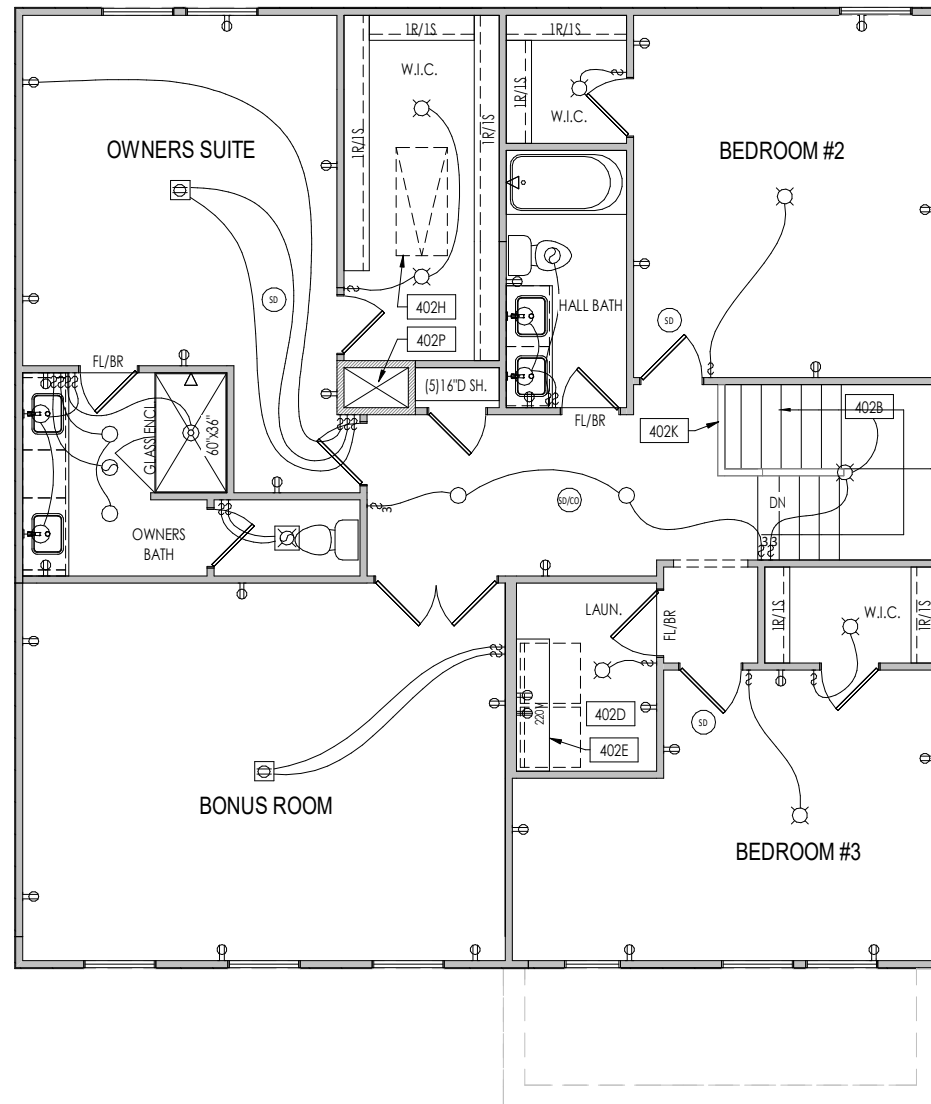
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|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br>07/02/21           |                                  |                               | CDs Drawn By:<br>BLC                |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.:                           |

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Sheet Information

**4.01**  
First Floor Mechanical Plan  
Elevation "B"



**General Notes:**

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.

**Key Notes:**

402B TO SWITCH OR LIGHT BELOW  
 402D LOCATE WASHER TO LEFT OF DRYER  
 402E 16" DEEP x 5'-6" LONG SHELF HELD AT 5'-7" A.F.F.  
 402H PULL DOWN ATTIC ACCESS STAIRS W/ LIGHT AND OUTLET  
 402K HALF WALL WITH WOOD CAP  
 402P HVAC CHASE

**MECHANICAL LEGEND**

|                            |  |  |
|----------------------------|--|--|
| ◀ PHONE JACK               | ○ CLG. MOUNTED LIGHT FIXT.   | ■ STAIR LIGHT                            |
| ⊖ WALL OUTLET              | ○ SURFACE MOUNT DISC LIGHT OR RECESSED CEILING LIGHT, PER SPECS.                           | + HOSE BIB                               |
| ⊖ WEATHERPROOF GFCI OUTLET | ○ WALL MOUNTED LIGHT FIXT.   | △ SHOWER HEAD                            |
| ⊖ 220 VOLT OUTLET          | ⊖ DOUBLE SPOTLIGHT FIXT.   | ⊖ GAS GAS HOOK UP                        |
| ⊖ GFCI OUTLET              | ⊖ DIRECTIONAL CAN LIGHT  | ⊖ FLOOR DRAIN                            |
| ⊖ FLOOR OUTLET             | ⊖ PIN LIGHT  | ⊖ SMOKE DETECTOR                         |
| ⊖ CABLE TELEVISION JACK    | ⊖ WALL SCONCE @ 5'-6" A.F.F.   | ⊖ CO DETECTOR                            |
| ↔ SINGLE POLE SWITCH       | ⊖ FLUORESCENT LIGHT  | ⊖ SMOKE DETECTOR/CO DETECTOR COMBINATION |
| ↔ 3-WAY SWITCH             | ⊖ UNDER CABINET LIGHTING   | ⊖ EXHAUST FAN AND LIGHT COMBINATION      |
| ↔ 4-WAY SWITCH             | ⊖ BLOCK, MOUNT, & SWITCH FOR FUTURE FAN/LIGHT COMBINATION (CENTER, UNLESS OTHERWISE NOTED) | ⊖ CLG. MTD. EXHAUST FAN                  |

Space for Architect Seal

**RESIDENCE FOR:**  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date: <b>07/02/21</b>       |                                  |                               | CDs Drawn By: <b>BLC</b>            |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.: <b>-</b>                  |

|   |   |             |
|---|---|-------------|
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|   | <b>Second Floor Mechanical Plan</b><br><b>Elevation "B"</b> |             |



A Building Section Thru Foyer  
 5.01 1/8" = 1'-0"

General Notes:

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.

Key Notes:

Space for Architect Seal

RESIDENCE FOR:  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br>07/02/21           |                                  |                               | CDs Drawn By:<br>BLC                |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.:<br>-                      |

|  |                   |                                   |
|--|-------------------|-----------------------------------|
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|  |                   | Building Section<br>Elevation "B" |

|  |
|--|
| <b>TYPICAL TRIM:</b>                                     |
| <b>6" FASCIA</b><br>(ALL SIDES)                          |
| <b>8" FRIEZE</b><br>(FRONT ONLY, UNLESS OTHERWISE NOTED) |

General Notes:  
 1. REFER TO SHEET ON.1 FOR GENERAL NOTES.  
 2. ROOFING MATERIAL PER SELECTIONS.  
 3. CONTACT M&K ENGINEERING FOR HEADER SIZE/BRICK SUPPORT IF GRADE DROPS AND THE AMOUNT OF BRICK OVER GARAGE DOOR SHOWN ON CURRENT ELEVATION IS NO LONGER ACCURATE

Key Notes:

**BRICK and STONE LINTEL SCHEDULE**

|        | SPAN         | 36" HIGH     | 48" HIGH     | LINTEL SIZE          | WINDOW ABOVE |
|--------|--------------|--------------|--------------|----------------------|--------------|
| *BRICK | Up to 6'-0"  | ---          | ---          | L3 1/2 x 3 1/2 x 1/4 | ---          |
|        | Up to 8'-3"  | ---          | ---          | L5 x 3 1/2 x 5/16    | ---          |
|        | Up to 9'-3"  | ---          | ---          | L6 x 4 x 5/16        | L7 x 4 x 3/8 |
|        | Up to 16'-3" | L7 x 4 x 3/8 | L8 x 4 x 1/2 | L8 x 4 x 1/2         | **per Design |
| *STONE | Up to 6'-0"  | ---          | ---          | L4 x 3 1/2 x 1/4     | ---          |
|        | Up to 8'-3"  | ---          | ---          | L5 x 3 1/2 x 5/16    | ---          |
|        | Up to 9'-3"  | ---          | L6 x 4 x 3/8 | L7 x 4 x 3/8         | **per Design |
|        | Up to 16'-3" | ---          | L8 x 4 x 1/2 | **per Design         | **per Design |

All Lintels: 4" Minimum bearing required each end  
 \* Brick is based on 40psf and Stone is based on 60psf  
 \*\* Any lintels not described by the above parameters shall be specifically designed.

Space for Architect Seal



**ELEVATION 'B'**

RESIDENCE FOR:  
**MARKET**  
 63 RELAXING PLACE  
 SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  | Drawing Scale: 1/8" = 1'0"    |                                     |
| Born on Date: <b>07/02/21</b>       |                                  | CDs Drawn By: <b>BLC</b>      |                                     |
| Contract Drawn By:<br><b>DWW</b>    |                                  | Series:<br><b>CLASSIC</b>     |                                     |
| Plan No.:                           |                                  | -                             |                                     |



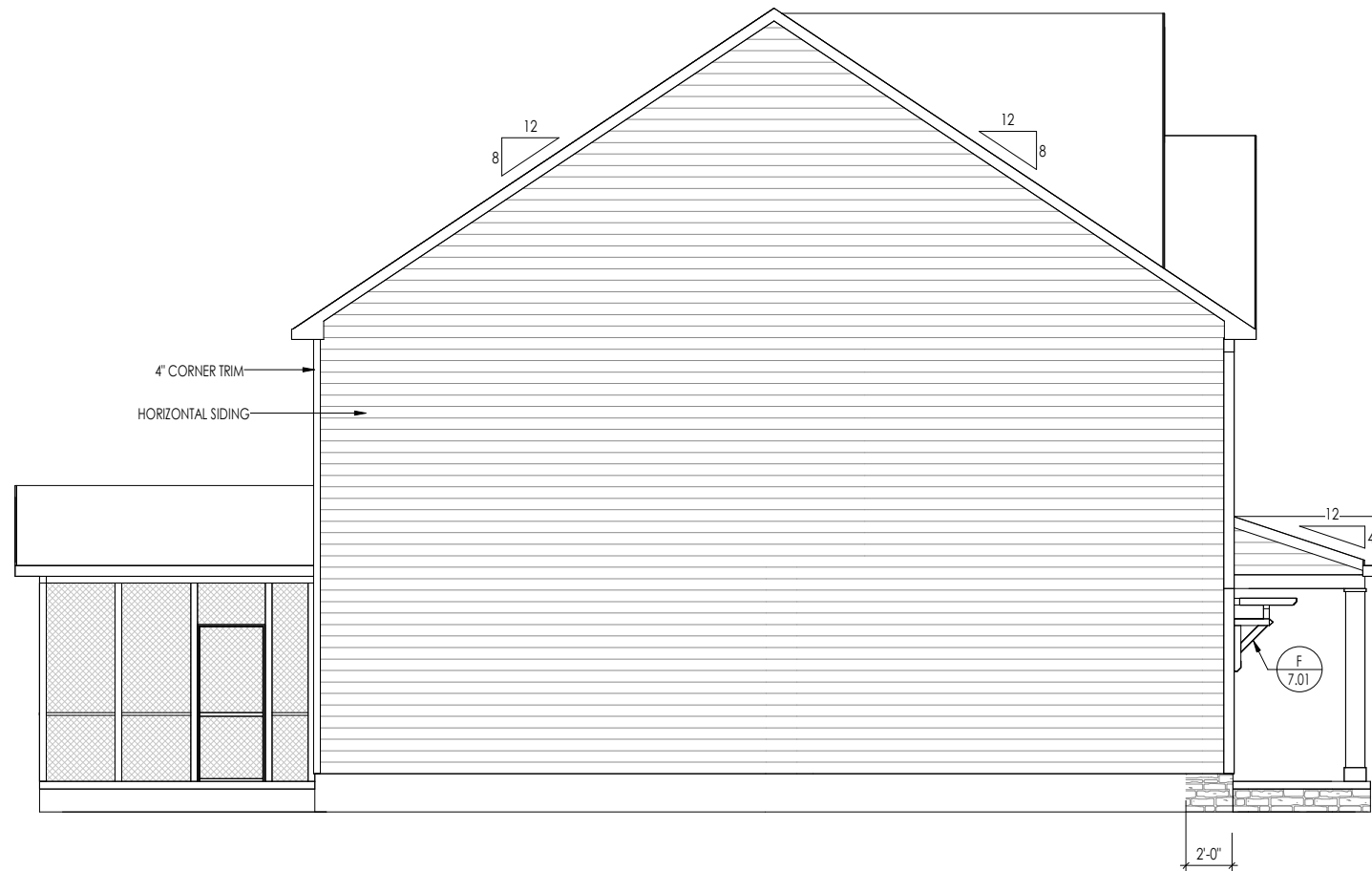
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Sheet Information

# 6.01

Front Elevation  
Elevation "B"

|  |
|--|
| <b>TYPICAL TRIM:</b>                                     |
| <b>6" FASCIA</b><br>(ALL SIDES)                          |
| <b>8" FRIEZE</b><br>(FRONT ONLY, UNLESS OTHERWISE NOTED) |



General Notes:

- REFER TO SHEET ON.1 FOR GENERAL NOTES.
- ROOFING MATERIAL PER SELECTIONS.
- REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.

Key Notes:

Space for Architect Seal

RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br><b>07/02/21</b>    |                                  |                               | Series:<br><b>CLASSIC</b>           |
| CDs Drawn By:<br><b>BLC</b>         |                                  | Plan No.:<br><b>-</b>         |                                     |

|  |                   |  |
|--|-------------------|--|
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|  |                   | Garage Side Elevation<br>Elevation "B" |

|  |
|--|
| <b>TYPICAL TRIM:</b>                                     |
| <b>6" FASCIA</b><br>(ALL SIDES)                          |
| <b>8" FRIEZE</b><br>(FRONT ONLY, UNLESS OTHERWISE NOTED) |

General Notes:

1. REFER TO SHEET ON.1 FOR GENERAL NOTES.
2. ROOFING MATERIAL PER SELECTIONS.
3. REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.

Key Notes:

Space for Architect Seal



RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                    |                                  |                               |                                     |
|------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b> | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
|------------------------------------|----------------------------------|-------------------------------|-------------------------------------|

|             |                            |                                  |
|-------------|----------------------------|----------------------------------|
| House Name: | Drawing Scale: 1/8" = 1'0" | Contract Drawn By:<br><b>DWW</b> |
|-------------|----------------------------|----------------------------------|

**the AUTUMN II**

|               |          |               |     |           |   |
|---------------|----------|---------------|-----|-----------|---|
| Born on Date: | 07/02/21 | CDs Drawn By: | BLC | Plan No.: | - |
|---------------|----------|---------------|-----|-----------|---|

|  |                   |                                 |
|--|-------------------|---------------------------------|
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|  |                   | Rear Elevation<br>Elevation "B" |

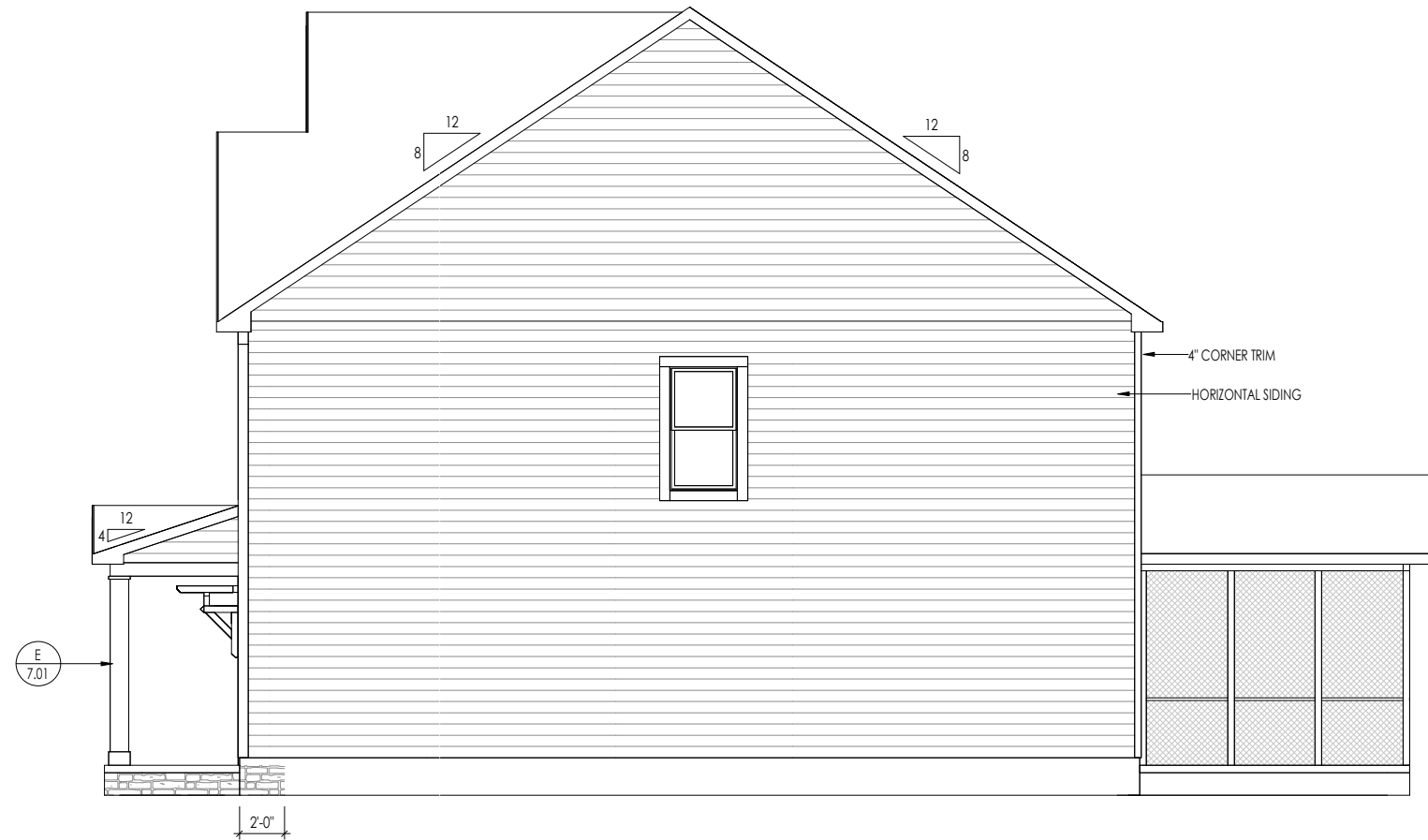
|  |
|--|
| <b>TYPICAL TRIM:</b>                                     |
| <b>6" FASCIA</b><br>(ALL SIDES)                          |
| <b>8" FRIEZE</b><br>(FRONT ONLY, UNLESS OTHERWISE NOTED) |

General Notes:

1. REFER TO SHEET 0N.1 FOR GENERAL NOTES.
2. ROOFING MATERIAL PER SELECTIONS.
3. REFER TO LINTEL SCHEDULE AS NEEDED ON SHEET 6.01.

Key Notes:

Space for Architect Seal



RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br><b>07/02/21</b>    |                                  |                               | Series:<br><b>CLASSIC</b>           |
| CDs Drawn By:<br><b>BLC</b>         |                                  |                               | Plan No.:<br><b>-</b>               |

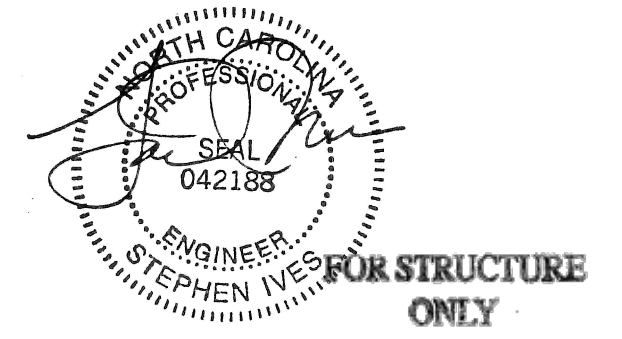
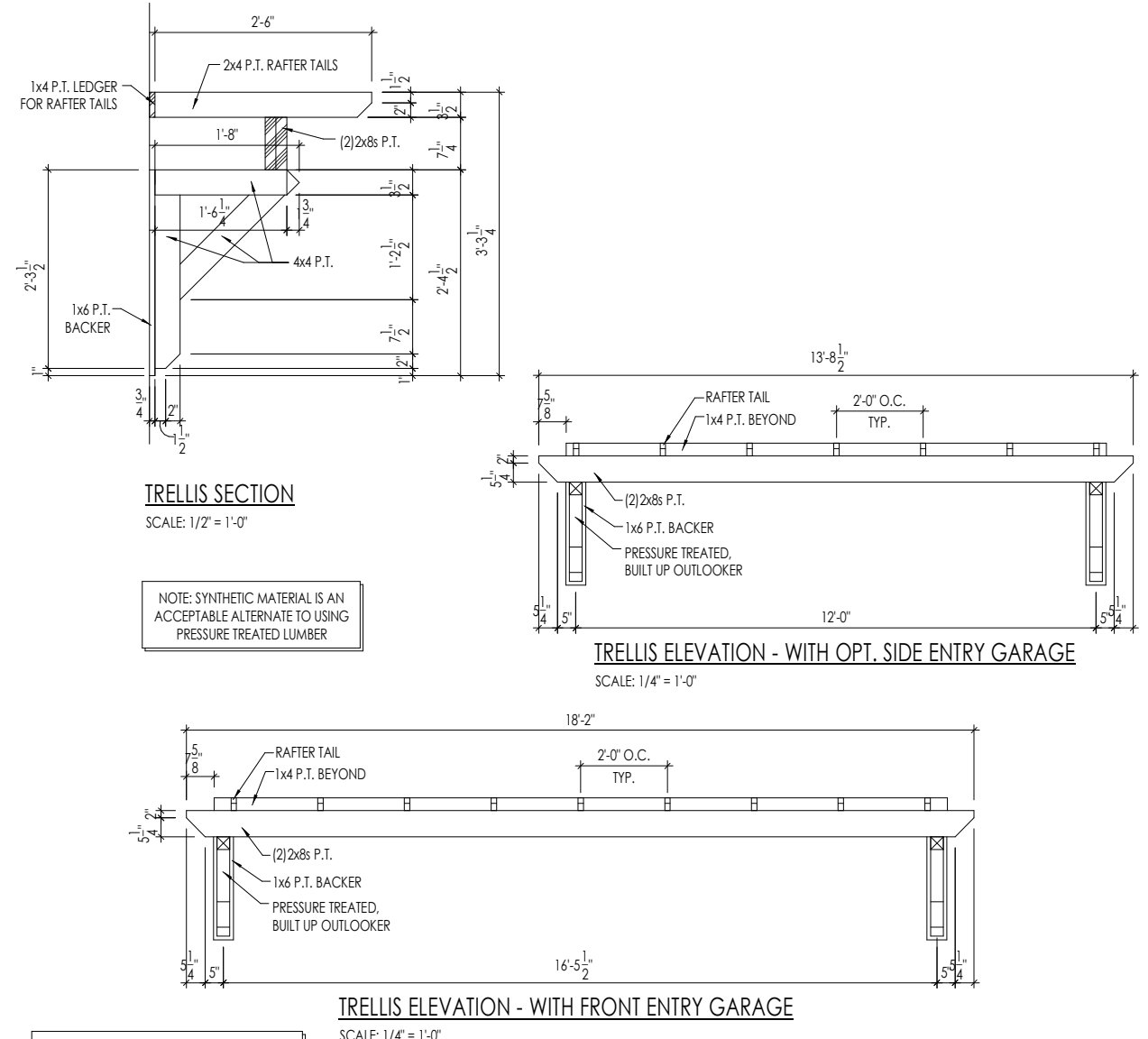
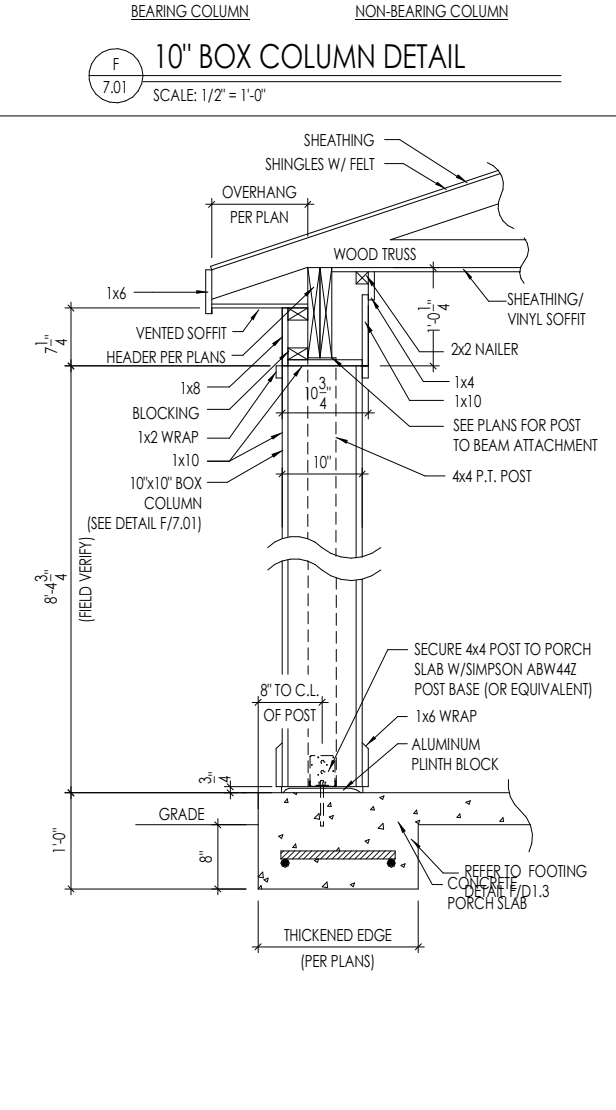
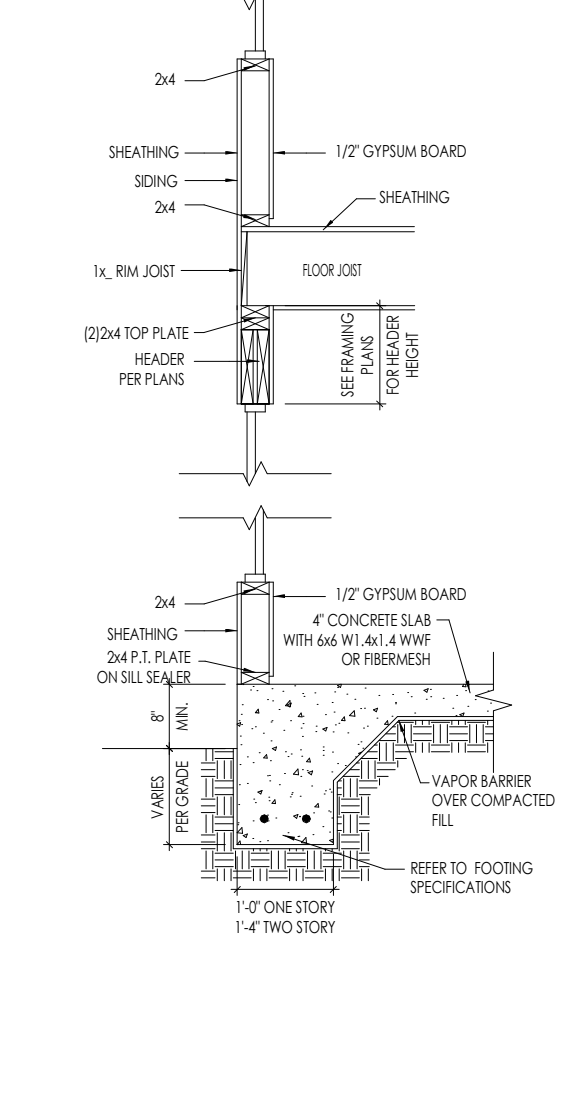
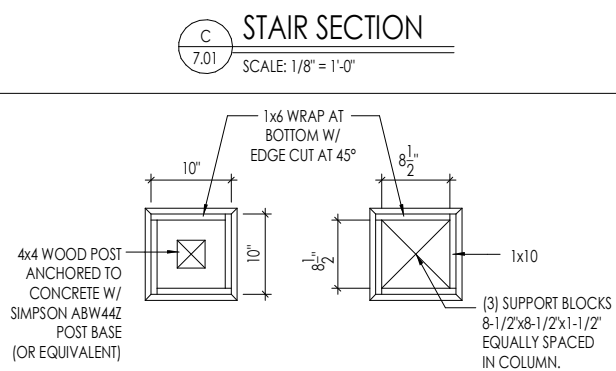
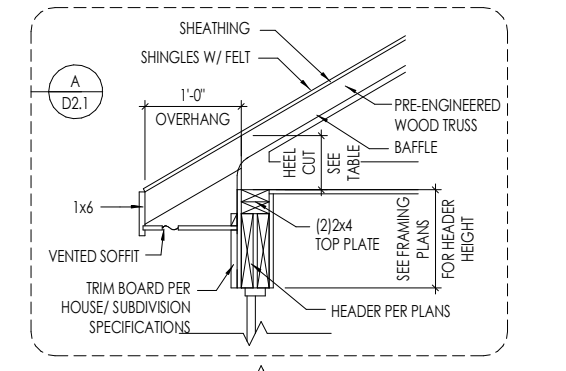
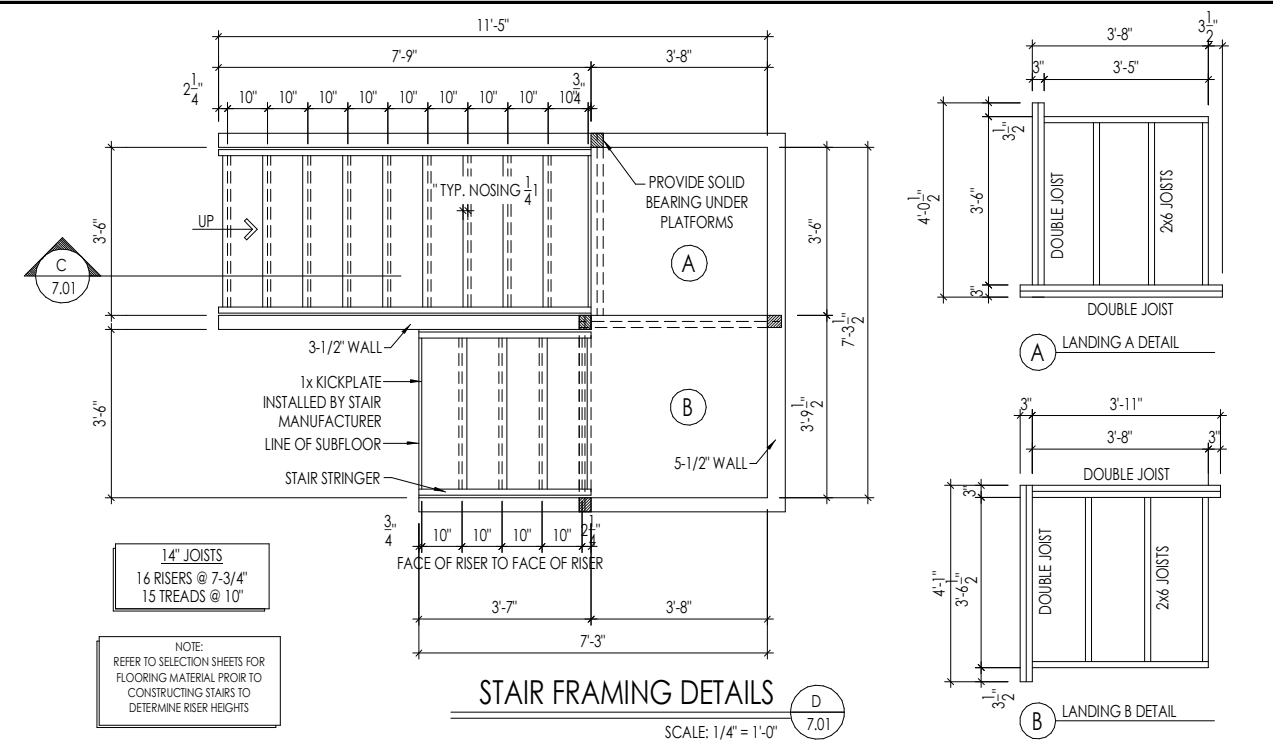
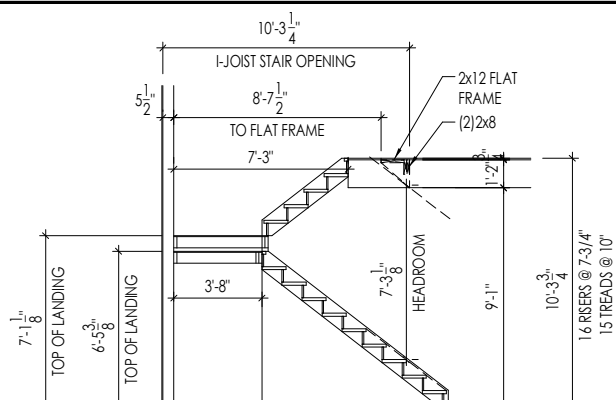
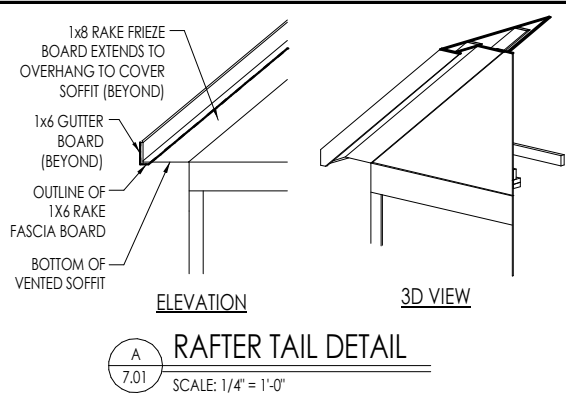
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Sheet Information

**6.04**  
Side Elevation  
Elevation "B"





Space for Architect Seal

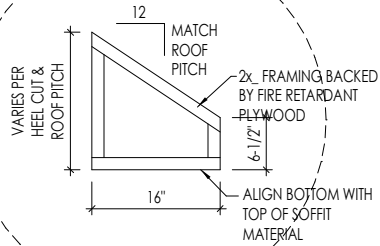
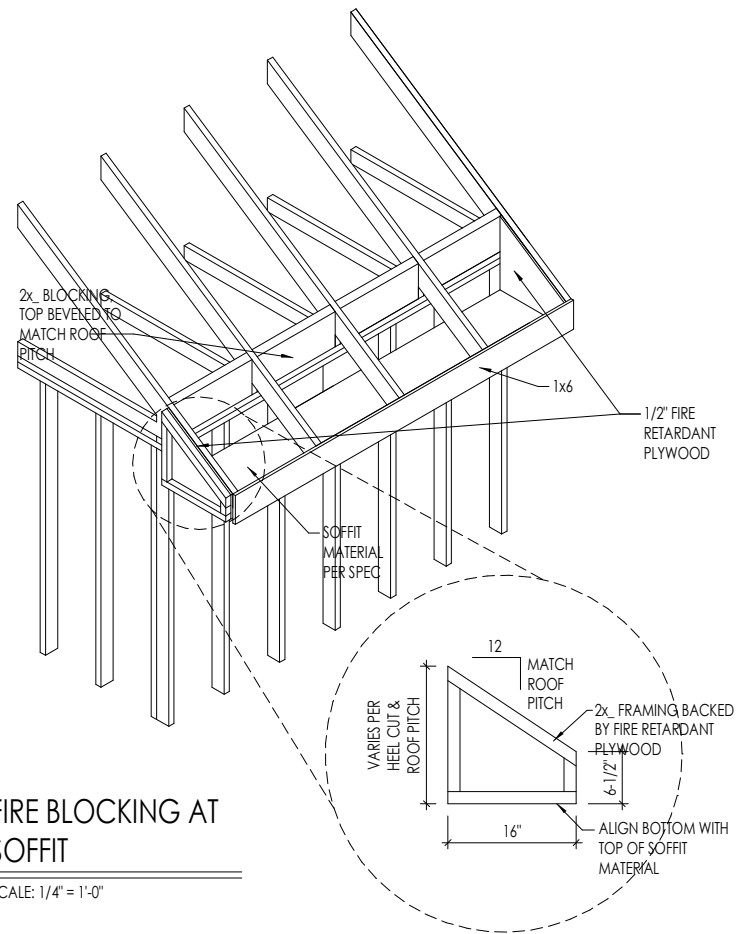
**RESIDENCE FOR:  
MARKET  
63 RELAXING PLACE  
SERENITY**

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br><b>07/02/21</b>    |                                  |                               | CDs Drawn By:<br><b>BLC</b>         |

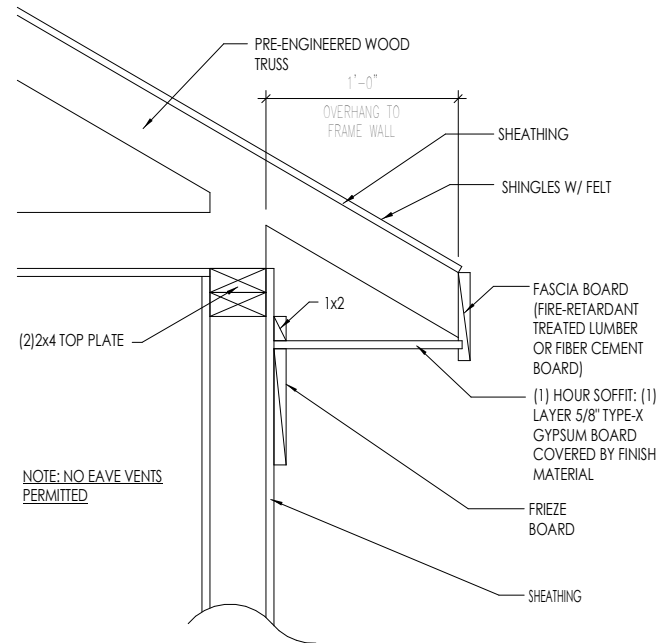
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**7.01**  
House Specific Details  
Elevation "B"



**A**  
7.02 **SOFFIT FIRE BLOCKING DETAILS**  
SCALE: 1/4" = 1'-0"



**(1) HOUR RATING ON UNDERSIDE OF SOFFIT OVERHANG (WHEN WITHIN 2'-0" TO 5'-0" OF PROPERTY LINE)**

SCALE: 1" = 1'-0"



Space for Architect Seal

RESIDENCE FOR:  
**MARKET**  
63 RELAXING PLACE  
SERENITY

|                                     |                                  |                               |                                     |
|-------------------------------------|----------------------------------|-------------------------------|-------------------------------------|
| Job Number:<br><b>STY5-0032-00</b>  | Drawing Date:<br><b>10/13/22</b> | Coord Name:<br><b>GREG P.</b> | Coord Phone:<br><b>859-578-4355</b> |
| House Name:<br><b>the AUTUMN II</b> |                                  |                               | Contract Drawn By:<br><b>DWW</b>    |
| Born on Date:<br>07/02/21           |                                  |                               | CDs Drawn By:<br>BLC                |
| Series:<br><b>CLASSIC</b>           |                                  |                               | Plan No.:                           |

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|  |                          |  |

# RALEIGH WINDOW SCHEDULE

\* MEETS EMERGENCY ESCAPE & RESCUE  
OPENING REQUIREMENTS

| Drees General Callout | Window Type        | MI Windows and Doors Capitol Series |                   | Call No. | Rough Opening | Drees General Callout | Call No. | Rough Opening | Call No. | Rough Opening |
|-----------------------|--------------------|-------------------------------------|-------------------|----------|---------------|-----------------------|----------|---------------|----------|---------------|
|                       |                    | Call No.                            | Rough Opening     |          |               |                       |          |               |          |               |
| 1660                  | SINGLE/DOUBLE HUNG | CW3500 1/8 x 6/0                    | 20" x 60-1/4"     |          |               |                       |          |               |          |               |
| 1670                  | SINGLE/DOUBLE HUNG | CW3500 1/8 x 7/0                    | 20" x 84"         |          |               |                       |          |               |          |               |
| 1860                  | SINGLE/DOUBLE HUNG | CW3500 1/8 x 6/0                    | 20" x 60-1/4"     |          |               |                       |          |               |          |               |
| 2030                  | SINGLE/DOUBLE HUNG | CW3500 2/0 x 3/0                    | 24" x 36"         |          |               |                       |          |               |          |               |
| 2040                  | SINGLE/DOUBLE HUNG | CW3500 2/0 x 4/0                    | 24" x 48"         |          |               |                       |          |               |          |               |
| 2050                  | SINGLE/DOUBLE HUNG | CW3500 2/0 x 5/0                    | 24" x 60-1/4"     |          |               |                       |          |               |          |               |
| 2060                  | SINGLE/DOUBLE HUNG | CW3500 2/0 x 6/0                    | 24" x 72"         |          |               |                       |          |               |          |               |
| 2070                  | SINGLE/DOUBLE HUNG | CW3500 2/0 x 7/0                    | 24" x 84"         |          |               |                       |          |               |          |               |
| 2430                  | SINGLE/DOUBLE HUNG | CW3500 2/4 x 3/0                    | 28" x 36"         |          |               |                       |          |               |          |               |
| 2440                  | SINGLE/DOUBLE HUNG | CW3500 2/4 x 4/0                    | 28" x 48"         |          |               |                       |          |               |          |               |
| 2450                  | SINGLE/DOUBLE HUNG | CW3500 2/4 x 5/0                    | 28" x 60-1/4"     |          |               |                       |          |               |          |               |
| 2460                  | SINGLE/DOUBLE HUNG | CW3500 2/4 x 6/0                    | 28" x 72"         |          |               |                       |          |               |          |               |
| 2830                  | SINGLE/DOUBLE HUNG | CW3500 2/8 x 3/0                    | 32" x 36"         |          |               |                       |          |               |          |               |
| 2840                  | SINGLE/DOUBLE HUNG | CW3500 2/8 x 4/0                    | 32" x 48"         |          |               |                       |          |               |          |               |
| 2850                  | SINGLE/DOUBLE HUNG | CW3500 2/8 x 5/0                    | 32" x 60-1/4"     |          |               |                       |          |               |          |               |
| * 2860                | SINGLE/DOUBLE HUNG | CW3500 2/8 x 6/0                    | 32" x 72"         |          |               |                       |          |               |          |               |
| 3030                  | SINGLE/DOUBLE HUNG | CW3500 3/0 x 3/0                    | 36-1/4" x 36"     |          |               |                       |          |               |          |               |
| 3040                  | SINGLE/DOUBLE HUNG | CW3500 3/0 x 4/0                    | 36-1/4" x 48"     |          |               |                       |          |               |          |               |
| * 3050                | SINGLE/DOUBLE HUNG | CW3500 3/0 x 5/0                    | 36-1/4" x 60-1/4" |          |               |                       |          |               |          |               |
| * 3060                | SINGLE/DOUBLE HUNG | CW3500 3/0 x 6/0                    | 36-1/4" x 72"     |          |               |                       |          |               |          |               |
| * 3070                | SINGLE/DOUBLE HUNG | CW3500 3/0 x 7/0                    | 36-1/4" x 84"     |          |               |                       |          |               |          |               |
| * 3470                | SINGLE/DOUBLE HUNG | CW3500 3/4 x 7/0                    | 40" x 84"         |          |               |                       |          |               |          |               |
| 1050 FIXED            |                    | 910T 5/0 x 1/0                      | 59-5/8" x 11-1/2" |          |               |                       |          |               |          |               |
| 1640 FIXED            |                    | 910T 4/0 x 1/8                      | 47-1/4" x 19-1/2" |          |               |                       |          |               |          |               |
| 2020 FIXED            |                    | CW3500 2/0 x 2/0                    | 24" x 24"         |          |               |                       |          |               |          |               |
| 2030 FIXED            |                    | CW3500SL 2/0 x 3/0                  | 24" x 36"         |          |               |                       |          |               |          |               |
| 2040 FIXED            |                    | CW3500SL 2/0 x 4/0                  | 24" x 48"         |          |               |                       |          |               |          |               |
| 2050 FIXED            |                    | CW3500SL 2/0 x 5/0                  | 24" x 60-1/4"     |          |               |                       |          |               |          |               |
| 2816 FIXED            |                    | 910TSL 2/6 x 1/8                    | 29-1/4" x 19-1/2" |          |               |                       |          |               |          |               |
| 2860 FIXED            |                    | CW3500 3/0 x 6/0                    | 36" x 72"         |          |               |                       |          |               |          |               |
| 3016 FIXED            |                    | 910TSL 3/0 x 1/8                    | 35-1/4" x 19-1/2" |          |               |                       |          |               |          |               |
| 3020 FIXED            |                    | 910TSL 3/0 x 2/0                    | 35-1/4" x 23-1/2" |          |               |                       |          |               |          |               |
| 3030 FIXED            |                    | CW3500P 3/0 x 3/0                   | 36-1/4" x 36"     |          |               |                       |          |               |          |               |
| 3040 FIXED            |                    | CW3500P 3/0 x 4/0                   | 36-1/4" x 48"     |          |               |                       |          |               |          |               |
| 3050 FIXED            |                    | CW3500P 3/0 x 5/0                   | 36-1/4" x 60-1/4" |          |               |                       |          |               |          |               |
| 3060 FIXED            |                    | CW3500P 3/0 x 6/0                   | 36-1/4" x 72"     |          |               |                       |          |               |          |               |
| 3070 FIXED            |                    | CW3500P 3/0 x 7/0                   | 36-1/4" x 84"     |          |               |                       |          |               |          |               |
| 4010 FIXED            |                    | 910T 4/0 x 1/0                      | 47-1/4" x 11-1/2" |          |               |                       |          |               |          |               |
| 4020 FIXED            |                    | 910T 4/0 x 2/0                      | 47-1/4" x 23-1/2" |          |               |                       |          |               |          |               |
| 4030 FIXED            |                    | CW3500P 4/0 x 3/0                   | 48" x 36"         |          |               |                       |          |               |          |               |
| 4040 FIXED            |                    | CW3500P 4/0 x 4/0                   | 48" x 48"         |          |               |                       |          |               |          |               |
| 4044 FIXED            |                    | CW3500P 4/0 x 4/4                   | 48" x 52"         |          |               |                       |          |               |          |               |
| 4050 FIXED            |                    | CW3500P 4/0 x 5/0                   | 48" x 60-1/4"     |          |               |                       |          |               |          |               |
| 4060 FIXED            |                    | CW3500P 4/0 x 6/0                   | 48" x 72"         |          |               |                       |          |               |          |               |
| 4070 FIXED            |                    | CW3500P 4/0 x 7/0                   | 48" x 84"         |          |               |                       |          |               |          |               |
| 5030 FIXED            |                    | CW3500P 5/0 x 3/0                   | 60" x 36"         |          |               |                       |          |               |          |               |
| 5040 FIXED            |                    | CW3500P 5/0 x 4/0                   | 60" x 48"         |          |               |                       |          |               |          |               |
| 5060 FIXED            |                    | CW3500P 5/0 x 6/0                   | 60" x 72"         |          |               |                       |          |               |          |               |
| 5070 FIXED            |                    | CW3500P 5/0 x 7/0                   | 60" x 84"         |          |               |                       |          |               |          |               |
| 6020 FIXED            |                    | 910T 6/0 x 2/0                      | 71-5/8" x 23-1/2" |          |               |                       |          |               |          |               |
| 6050 FIXED            |                    | CW3500P 6/0 x 5/0                   | 72" x 60-1/4"     |          |               |                       |          |               |          |               |
| 6060 FIXED            |                    | CW3500P 6/0 x 6/0                   | 72" x 72"         |          |               |                       |          |               |          |               |
| 3'-0" HALF ROUND      |                    | CW3500 3/0 HC                       | 36-1/4"           |          |               |                       |          |               |          |               |
| 4'-0" HALF ROUND      |                    | CW3500 3/0 HC                       | 48"               |          |               |                       |          |               |          |               |
| 5'-0" HALF ROUND      |                    | CW3500 3/0 HC                       | 60"               |          |               |                       |          |               |          |               |
| 2020 OCTAGON          |                    | CW3500 2/0 OCT                      | 24"               |          |               |                       |          |               |          |               |
| 2'-4" QUARTER ROUND   |                    | CW3500 2/4 QC                       | 28"               |          |               |                       |          |               |          |               |
| 3'-0" QUARTER ROUND   |                    | CW3500 3/0 QC                       | 36-1/4"           |          |               |                       |          |               |          |               |



**Drees Homes**  
 7701 Six Forks Road, Suite 132, Raleigh, NC 27615 PH:(919) 844-9288  
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Sheet Description:  
**WINDOW SCHEDULE**

Sheet No.  
**SC-01**

# MOULDED MILLWORK SCHEDULE

LAST REVISED 11/22/17

| HEADERS                |              |                |
|------------------------|--------------|----------------|
| Drees General Callout  | Nuwood       | Fypon          |
| ARCHED HEADER D1       | H8xxEFR      | N/A            |
| ARCHED HEADER D1K      | H8xxEFKR     | N/A            |
| ARCHED HEADER D2       | H8xxEFTR     | N/A            |
| ARCHED HEADER D2K      | H8xxEFTKR    | N/A            |
| ARCHED HEADER D3       | AH10xx       | WCHSEGxxX10    |
| ARCHED HEADER D3K      | N/A          | WCHSEGxxX10K   |
| ARCHED HEADER D4       | AR5xx        | ARxxX6M        |
| ARCHED HEADER D4K      | AR5xxK       | ARxxX6MK       |
| ARCHED HEADER D5       | AR10xxEC     | ARxxX6METAR6C  |
| ARCHED HEADER D5K      | AR10xxECK    | ARxxX6METAR6CK |
| ARCHED HEADER D6       | AR10xxC      | ARxxX10MC      |
| ARCHED HEADER D6K      | AR10xxCK     | ARxxX10MCK     |
| ARCHED HEADER D7K      | H7xxEF-4K    | N/A            |
| ARCHED HEADER D8       | AR14xxC      | ARxxX14MC      |
| ARCHED HEADER D8K      | AR14xxCK     | ARxxX14MCK     |
| ARCHED HEADER D9       | H9xxE        | WCHAR5xx13     |
| CROSSHEAD A1           | H9xx         | WCHxxX9N       |
| CROSSHEAD A1K          | H9xxK        | WCHxxX9NK      |
| CROSSHEAD B1           | H14xxBT      | WCHxxX14BT     |
| CROSSHEAD B1K          | H14xxBTK     | WCHxxX14BTK    |
| CROSSHEAD B2           | H12xx        | WCHxxX12       |
| CROSSHEAD B2K          | H12xxK       | WCHxxX12K      |
| CROSSHEAD C1           | H18xxBT      | WCHxxX14BT     |
| CROSSHEAD C1K          | H18xxBTK     | WCHxxX14BTK    |
| CROSSHEAD C2           | H18xxBT-PA   | LDCHxxX18      |
| CROSSHEAD C2K          | H18xxBTK-PA  | LDCHxxX18K     |
| CROSSHEAD Z-E1-HDR     | Z-E1-HDR     | Z-E1-HDR       |
| CROSSHEAD Z-E2-HDR     | Z-E2-HDR     | Z-E2-HDR       |
| CROSSHEAD Z-E3-HDR     | Z-E3-HDR     | Z-E3-HDR       |
| CROSSHEAD Z-E3-ARCHHDR | Z-E3-ARCHHDR | Z-E3-ARCHHDR   |
| CROSSHEAD Z-E3-CLHDR   | Z-E3-CLHDR   | Z-E3-CLHDR     |
| CROSSHEAD Z-E5-HDR     | Z-E5-HDR     | Z-E5-HDR       |
| WINDOW HEADER A1       | H6xx         | WCHxxX6        |
| WINDOW HEADER A1K      | H6xxK        | WCHxxX6K       |
| WINDOW HEADER B1       | H9xx-2       | WCHxxX9N       |
| WINDOW HEADER B1K      | H9xx-2K      | WCHxxX9NK      |
| WINDOW HEADER B2       | H9xxBT       | WCHxxX10NBT    |
| WINDOW HEADER B2K      | H9xxBTK      | WCHxxX10NBTK   |
| WINDOW HEADER C1       | H9xx         | CCAxX10        |
| WINDOW HEADER C1K      | H9xxK        | CCAxX10K       |
| WINDOW HEADER C2       | H9xxT        | WCHxxX9T       |
| WINDOW HEADER C2K      | H9xxTK       | WCHxxX9TK      |
| WINDOW HEADER C3       | H12xxBT      | WCHxxX10BT     |
| WINDOW HEADER C3K      | H12xxBTK     | WCHxxX10BTK    |
| WINDOW HEADER C4       | H14xxBT      | WCHxxX14BT     |
| WINDOW HEADER D1       | H7xxF-4      | N/A            |
| WINDOW HEADER D1K      | H7xxF-4K     | N/A            |
| WINDOW HEADER D2K      | H9xxK-1      | N/A            |
| WINDOW HEADER Z-W1     | Z-W1         | Z-W1           |
| WINDOW HEADER Z-W3     | Z-W3         | Z-W3           |
| WINDOW HEADER Z-W3K    | Z-W3K        | Z-W3K          |
| WINDOW HEADER Z-W3D    | Z-W3D        | Z-W3D          |
| WINDOW HEADER Z-W4     | Z-W4         | Z-W4           |
| WINDOW HEADER Z-W4K    | Z-W4K        | Z-W4K          |

| PILASTERS             |           |                            |
|-----------------------|-----------|----------------------------|
| Drees General Callout | Nuwood    | Fypon                      |
| FLUTED PILASTER A1    | PL7xxF    | PIL7Xxx                    |
| FLUTED PILASTER B1    | PL9xxF    | PIL9Xxx                    |
| FLUTED PILASTER C1    | PL11xxFM  | PIL11Xxx                   |
| PANEL PILASTER A2     | PL7xxP    | PIL7XxxDP                  |
| PANEL PILASTER B2     | PL9xxP    | PIL9XxxDP                  |
| PANEL PILASTER C2     | PL11xxPM  | PIL11XxxDP                 |
| PILASTER D1           | M311-9    | PIL10XxxA                  |
| PILASTER D2           | M323-9    | N/A                        |
| PILASTER Z-E1-PIL     | Z-E1-PIL  | Z-E1-PIL                   |
| PILASTER Z-E2-PIL     | Z-E2-PIL  | Z-E2-PIL                   |
| PILASTER Z-E3-PIL     | Z-E3-PIL  | Z-E3-PIL                   |
| PILASTER Z-PIL-EXT    | Z-PIL-EXT | Z-PIL-EXT                  |
| PLAIN PILASTER A3     | PL7xxS    | PIL7XxxP                   |
| PLAIN PILASTER B3     | PL9xxS    | PIL9XxxP                   |
| PLAIN PILASTER C3     | PL11xxS   | PIL11XxxP                  |
| PLINTH D1             | PF10      | ADD "P" TO END OF PILASTER |
| PLINTH D2             | P14.5     | N/A                        |

| LOUVERS                |              |             |             |
|------------------------|--------------|-------------|-------------|
| Drees General Callout  | Nuwood       | Fypon       | Mid-America |
| CATHEDRAL LOUVER D1    | CLV1224      | CLV12X24    | --          |
| CATHEDRAL LOUVER D1T   | CLV1224TRIM4 | CLV12X24X4F | --          |
| CATHEDRAL LOUVER D2    | CLV1432      | CLV14X32    | --          |
| CATHEDRAL LOUVER D2T   | CLV1432TRIM4 | CLV14X32X4F | 00 44 1422  |
| CATHEDRAL LOUVER D3    | CLV2232      | CLV22X32    | --          |
| CATHEDRAL LOUVER D3T   | CLV2232TRIM4 | CLV22X32X4F | --          |
| HALF CIRCLE LOUVER D1  | HRLV32       | HRLV32X16   | --          |
| HALF CIRCLE LOUVER D1T | HRLV32TRIM4  | HRLV32X4F   | --          |
| HALF CIRCLE LOUVER D2  | HRLV36       | HRLV36X18   | --          |
| HALF CIRCLE LOUVER D2T | HRLV36TRIM4  | HRLV36X4F   | 00 43 2234  |
| OCTAGONAL LOUVER D1    | OLV24        | OLV24       | --          |
| OCTAGONAL LOUVER D12   | OLV24TRIM4   | OLV24X4F    | --          |
| OVAL LOUVER D1         | OLV2537      | OLV37X25    | --          |
| OVAL LOUVER D1T        | OLV2537TRIM4 | OLV37X25X4F | --          |
| RECTANGULAR LOUVER D1  | LV1224V      | LV12X24     | 00 45 1218  |
| RECTANGULAR LOUVER D1T | LV1224VTRIM4 | LV12X24-4F  | 00 45 1218  |
| RECTANGULAR LOUVER D2  | LV1636V      | LV16X36     | --          |
| RECTANGULAR LOUVER D2T | LV1636VTRIM4 | LV16X36-4F  | --          |
| RECTANGULAR LOUVER D3  | LV2436V      | LV24X36     | --          |
| RECTANGULAR LOUVER D3T | LV2436VTRIM4 | LV24X36-4F  | --          |
| RECTANGULAR LOUVER D4  | LV2424V      | LV24X24     | --          |
| RECTANGULAR LOUVER D4T | LV2424VTRIM4 | LV24X24-4F  | --          |
| ROUND LOUVER D1        | RLV18        | RLV18       | --          |
| ROUND LOUVER D1T       | RLV18TRIM4   | RLV18X4F    | --          |
| ROUND LOUVER D2        | RLV22        | RLV22       | --          |
| ROUND LOUVER D2T       | RLV22TRIM4   | RLV22X4F    | --          |
| TRIANGULAR LOUVER D1   | --           | TRLVxxX36   | 00 47 0x0x  |

| BRACKETS              |                   |                             |
|-----------------------|-------------------|-----------------------------|
| Drees General Callout | Nuwood            | Fypon                       |
| EXTERIOR BRACKET D1   | BR437             | N/A                         |
| EXTERIOR BRACKET D2   | DB102             | DTLB6X4X6                   |
| EXTERIOR BRACKET D3   | BR304 (7" WIDE)   | BKT24X24X7                  |
| EXTERIOR BRACKET D4   | BR455             | N/A                         |
| EXTERIOR BRACKET D5   | BR300-1           | BKT12X12X6                  |
| EXTERIOR BRACKET D6   | BR300             | BKT12X12                    |
| EXTERIOR BRACKET D7   | BR409             | BKT16X18X3                  |
| EXTERIOR BRACKET D8   | BR413             | DTLB5X5X3                   |
| EXTERIOR BRACKET D9   | TBD               | BKT11X20                    |
| EXTERIOR BRACKET D10  | TBD               | BKT12X24X3                  |
| EXTERIOR BRACKET D11  | BR435             | BKT25X27                    |
| EXTERIOR BRACKET D12  | BR404             | BKT16X30X4                  |
| EXTERIOR BRACKET D13  | BR23.13x10.13x5.5 | N/A                         |
| GABLE BRACKET D1      | TBD               | DTLB6X4X6R(OR L)PITCH       |
| GABLE BRACKET D2      | BR423-x:12        | BKT5X20                     |
| GABLE BRACKET D3      | BR424-x:12        | BKT5X20 (CUT 2" PROJECTION) |

| MOULDINGS             |              |           |
|-----------------------|--------------|-----------|
| Drees General Callout | Nuwood       | Fypon     |
| BAND MOULD D1         | M210-16      | MLD612-12 |
| BAND MOULD D2         | M301-16      | MLD220-16 |
| BARGE MOULD D1        | WM210        | WM210     |
| CASE MOULD D1         | M320-16      | MLD226-16 |
| CASE MOULD D2         | N/A          | MLD244-12 |
| CROWN MOULD D1        | M404-16      | MLD572-16 |
| DENTIL MOULD D1       | M105-16      | MLD310-16 |
| DENTIL MOULD D2       | M108-8       | MLD353-8  |
| HALF ROUND MOULD D1   | N/A          | MLD605-12 |
| PANEL MOULD D1        | M310-8 OR 16 | MLD612-12 |

| PEDIMENTS / COMBO HEADERS |              |                    |
|---------------------------|--------------|--------------------|
| Drees General Callout     | Nuwood       | Fypon              |
| BROW COMBO D1             | BCxx         | CSAPxx             |
| PEAK PEDIMENT D1          | Pxx-4 (6:12) | PCPxx              |
| PEAK PEDIMENT Z-E1-PED    | Z-E1-PED     | Z-E1-PED           |
| PEAKED COMBO D1           | PCxx-4       | CPCPxx             |
| RAMS HEAD PEDIMENT D1     | Rxx          | RHPxx00            |
| ROUND PEDIMENT D1         | Bxx-4        | PSPxx              |
| SUNRISE COMBO D1          | SCxx-4       | CSPxx              |
| VICTORIAN PEDIMENT D1     | VPxx         | DVPxx w/ SWDHxxXxx |

| WINDOW DECORATION       |                      |  |
|-------------------------|----------------------|--|
| Drees General Callout   | Nuwood               | Fypon                                  |
| HALF CIRCLE SUNBURST D1 | SPxxxx               | SWDHxxXxx                              |
| PALLADIAN WINDOW D1     | H9AR10-xx xx" FL/FR  | ARxxX10MFLxxx                          |
| PALLADIAN WINDOW D1K    | H9AR10-xxK xx" FL/FR | ARxxX10MFLxxx with K10TM               |
| PALLADIAN WINDOW D2     | H9AR10SPxxxx         | ARxxX10MFLxxx with SWDHxxXxx           |
| PALLADIAN WINDOW D2K    | H9AR10SPxxxxK        | ARxxX10MFLxxx with SWDHxxXxx and K10TM |
| PEAKED CAP HEADER D1    | N/A                  | CHPCxxX15                              |
| PLAIN SEGMENT D1        | SPxxxxP              | PSPxx                                  |
| SEGMENT SUNBURST D1     | SPxxxx               | SWDHxxXxx                              |

| ACCESSORIES           |         |                      |
|-----------------------|---------|----------------------|
| Drees General Callout | Nuwood  | Fypon                |
| GABLE D1              | PGDx12  | GPA (width X height) |
| KEystone D1           | KY14F-3 | KY14                 |
| KEystone D2           | KYHM9F  | K9M                  |
| WREATH D1             | N/A     | WAB34                |



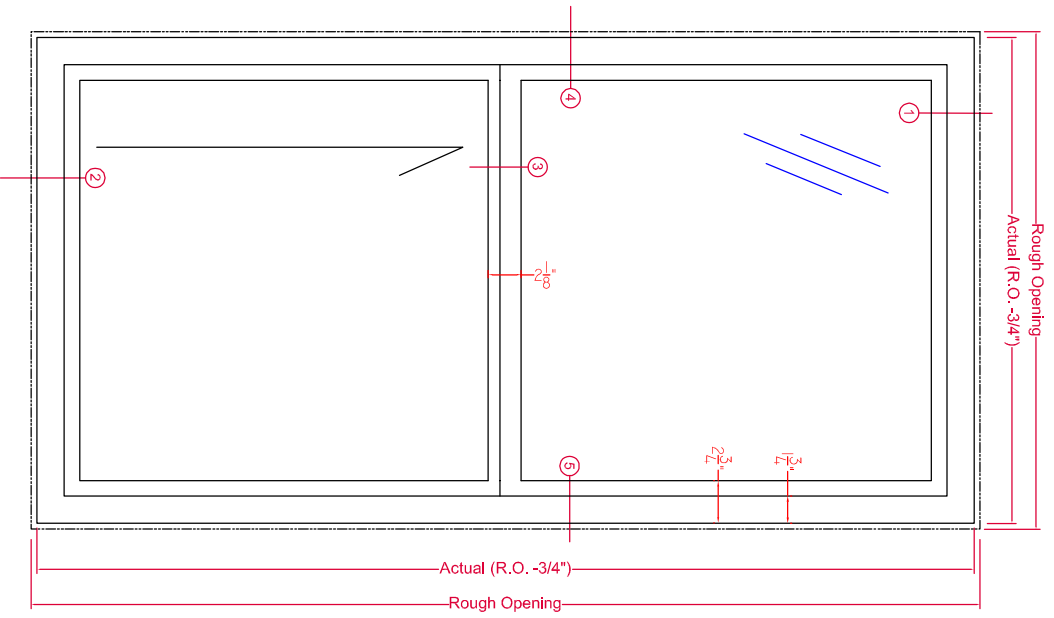
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Sheet Description:

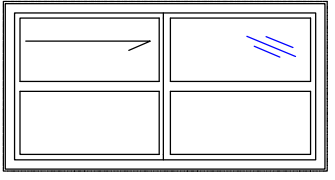
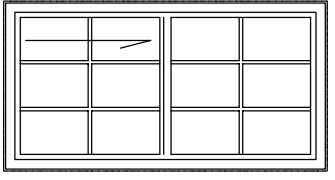
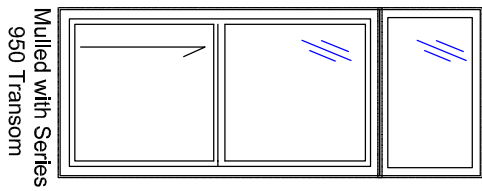
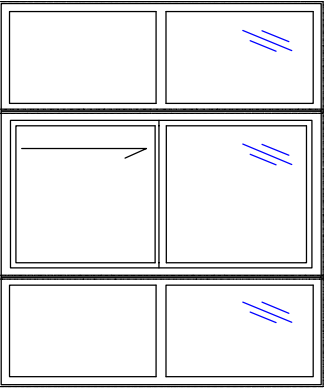
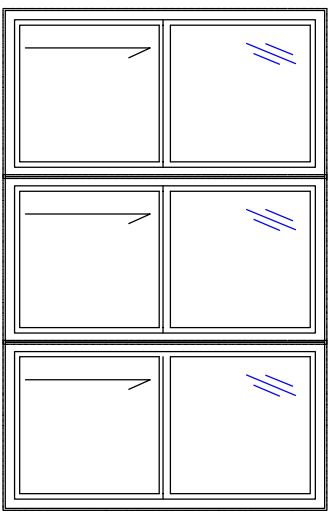
MOULDED MILLWORK SCHEDULE

Sheet No.

SC-02

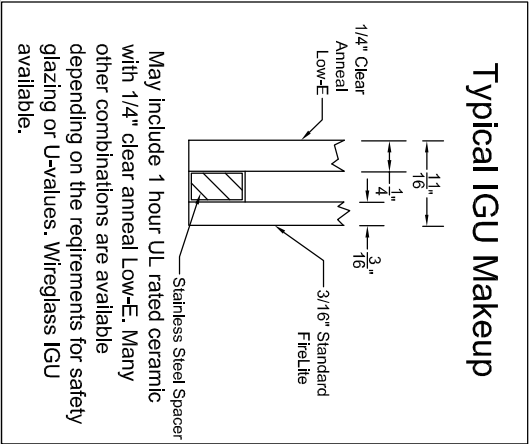


Typical Exterior Elevation  
**Fyre-Tec Series 925 Single Hung Window**  
 45- or 60-Minute UL Rated



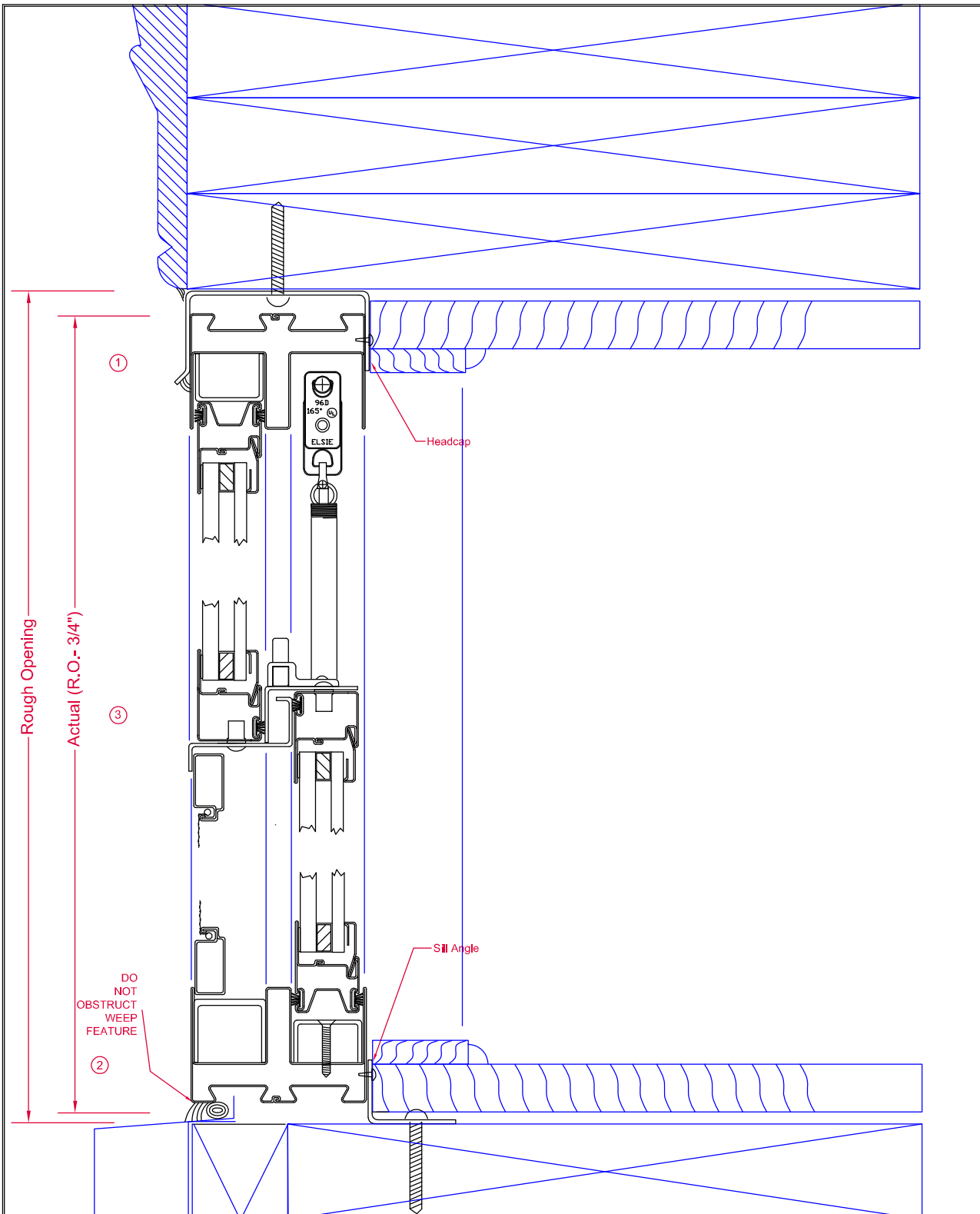
See Fire-Rated Glazing Section for various options and configurations for U.L. labeled glazing.

**925 SINGLE HUNG - SUBFRAME INSTALLATION**



|                        |            |
|------------------------|------------|
| TOLERANCE:             |            |
| 1. FRACTIONS ±1/16     |            |
| 2. DECIMALS ±.0025     |            |
| 3. ANGLES ± 1/2 DEGREE |            |
| EXCEPT AS NOTED        |            |
| DRAWN BY               | JDD        |
| CK'D BY                |            |
| DATE                   | 11-30-2015 |
| SCALE                  | 1:8        |

**FYRE-TEC**  
 P.O. Box 278, 701 Centennial Road  
 Wayne, NE 68787



HEAD/SILL-SUBFRAME

DWN BY  
JDD  
CK'D BY

DATE  
11-30-2015

TOLERANCE:  
1. FRACTIONS ±1/16  
2. DECIMALS ±.0625  
3. ANGLES ± 1/2 DEGREE  
EXCEPT AS NOTED

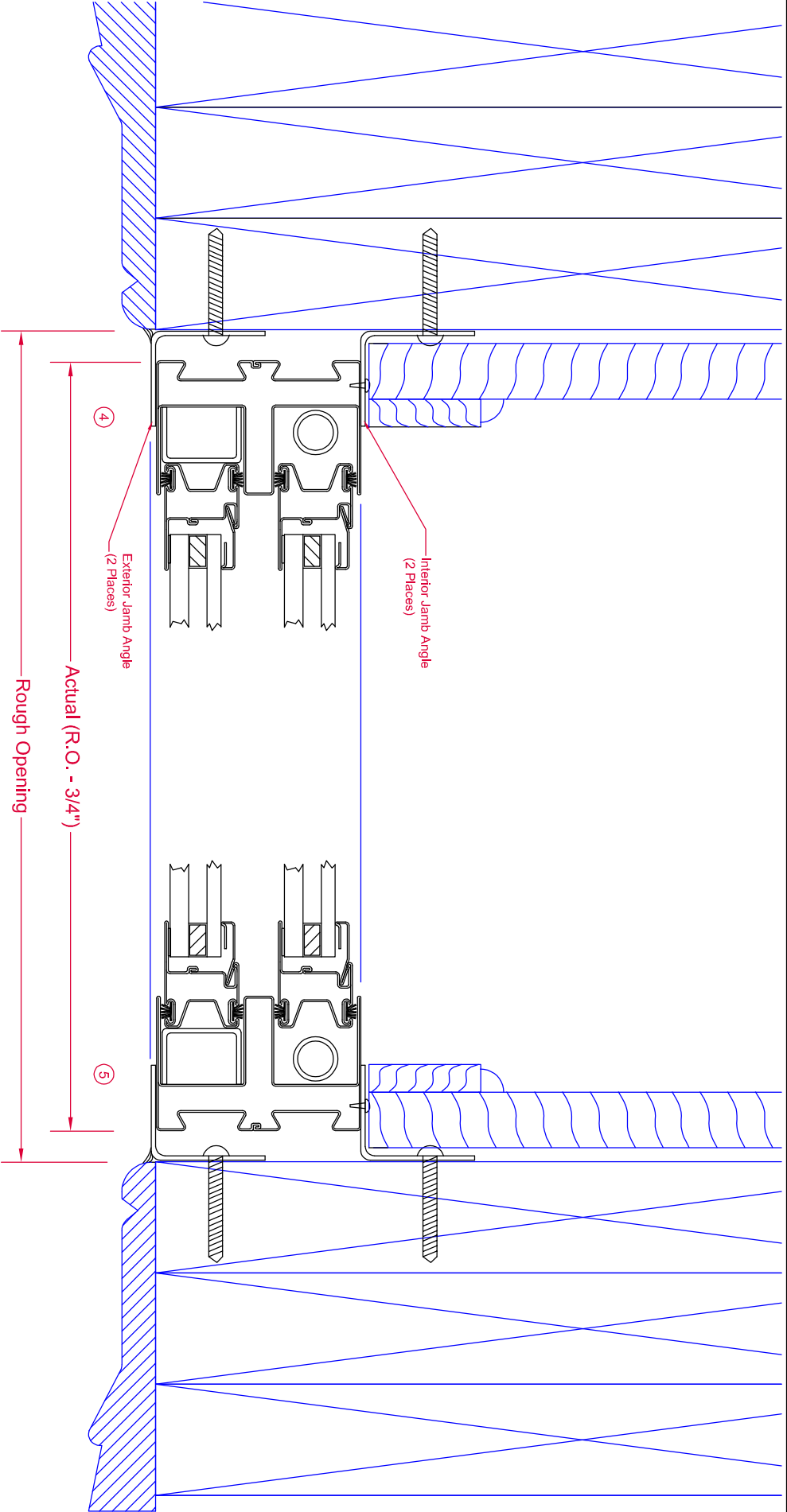
MAT'L

SCALE  
1:1.5



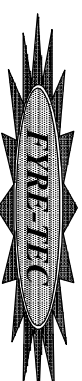
P.O. Box 278, 701 Centennial Road  
Wayne, NE 68787

PAGE 2/3 DWG No. MODEL 925



**JAMB - SUBFRAME INSTALLATION KIT**

|                        |            |
|------------------------|------------|
| TOLERANCE:             |            |
| 1. FRACTIONS ±1/16     | DRAWN BY   |
| 2. DECIMALS ±.0625     | JDD        |
| 3. ANGLES ± 1/2 DEGREE | CHK'D BY   |
| EXCEPT AS NOTED        |            |
| MATERIAL               | DATE       |
|                        | 11-30-2015 |
| SCALE                  | 1:1.5      |

  
**P.O. Box 278, 701 Centennial Road**  
**Wayne, NE 68787**

PAGE 3/3  
 DWG NO. MODEL 925

# Fin Mounting System Installation Procedure

The window and installation components should be inspected for any shipping damage. All local codes must be followed and supersede any of the following instructions. All finished surfaces of the window must be protected from damage to frame, paint, and glazing surfaces throughout the complete installation and wall finalization. This is to include stucco, drywall, brickwash or any other cleaning technique other than that recommended by Fyre-Tec. Failure to protect the window will VOID any applicable warranties. Protective coverings are recommended.

## Opening Requirements

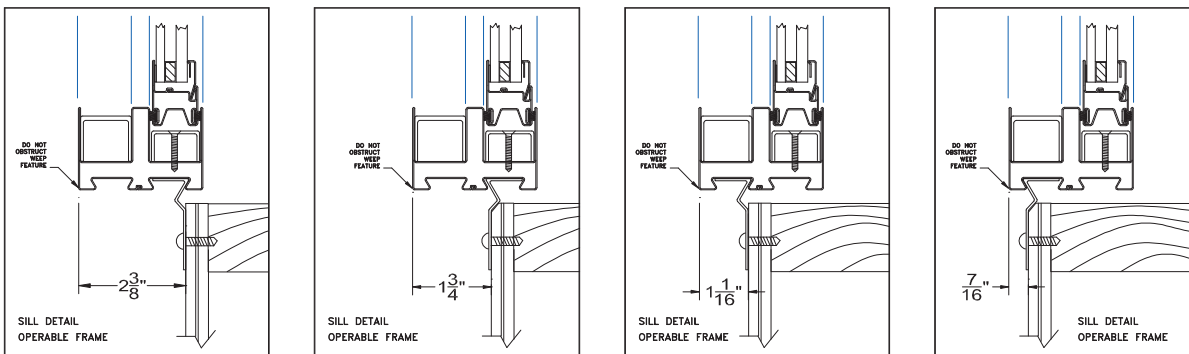
The opening should be built square and plumb and large enough to accept the window(s) provided. Windows are provided  $\frac{3}{4}$ " less in both width and height from the rough or nominal opening size. This allows for a  $\frac{3}{8}$ " gap around the entire perimeter of the window to be properly squared and shimmed in the opening. It is recommended that the sill of the window be shimmed no less than  $\frac{1}{4}$ " above the construction sill to accommodate the weep feature of the window.

## Opening Preparation

The window opening is to be prepared in conformance with local code and approved construction drawings. On openings other than masonry it is recommended that the perimeter be prepped with an air-barrier type window wrap and flashing system. Sill panning is recommended for optimal protection against water penetration. Panning and air barriers are not provided by Fyre-tec.

## Fin Mounting to Window

The mounting fins are supplied loose and are to be mounted to the window with the self-tapping screws supplied. Window frame depth in relationship to the finished wall may be adjusted in four increments by selecting the mounting position on the perimeter of the frame as shown in the following layout.



## Attachment Procedure

- \*Pre-drill holes using a  $\frac{3}{16}$ " bit in the fin to be mounted to the window (short leg). The screws are to be positioned 1" from each end of the individual fins and then placed 24" on center thereafter. The hole should be centered on the leg.
  - \*Pre-drill holes using a bit large enough to accept fasteners being used in fin for mounting to wall (Long Leg). Hole locations should be no more than 3" from each end of the individual fins and then placed 16" on center thereafter. The holes should be placed in a known location as to allow fastener to penetrate a structural member of the wall.
- Caulk bedding is to be applied around the perimeter of the frame in the frame recess that the fin is intended to be mounted. As shown (A). Any other holes or voids in the perimeter of the frame must be sealed as well to prevent water penetration into the wall cavity.
- Screw the fin to the window as shown in (B) & (C)

(A)



(B)



(C)



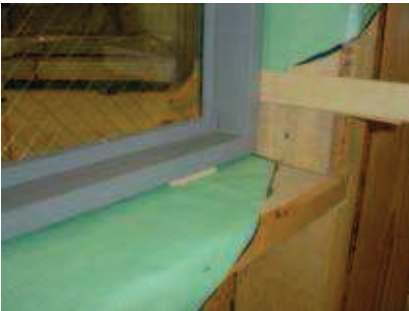


**Note:** The sill of **operable windows** have additional factory applied butyl tape to further assist in preventing water leaking into wall cavity.

## Window Installation in Opening

Installation will require a minimum of two people.

One individual should remain on the exterior to hold the window in place and the other on the interior to center the window in the opening using a flat pry-bar or shim. All sides on the interior should have approximately 3/8" gap from wall opening to window edge. Shim using an approved material. Check window for level in the opening and complete shim application. Once the window is shimmed properly, attach the fin on the exterior to a structural member per an approved method as laid out by an architect or authority having jurisdiction. Special attention should be made with the weep feature of the window in the exterior sill. A minimum 1/4" gap should be maintained between the sill of the window and the construction sill of the wall to allow for proper weeping and drainage from the window.



**INTERIOR**



**EXTERIOR**



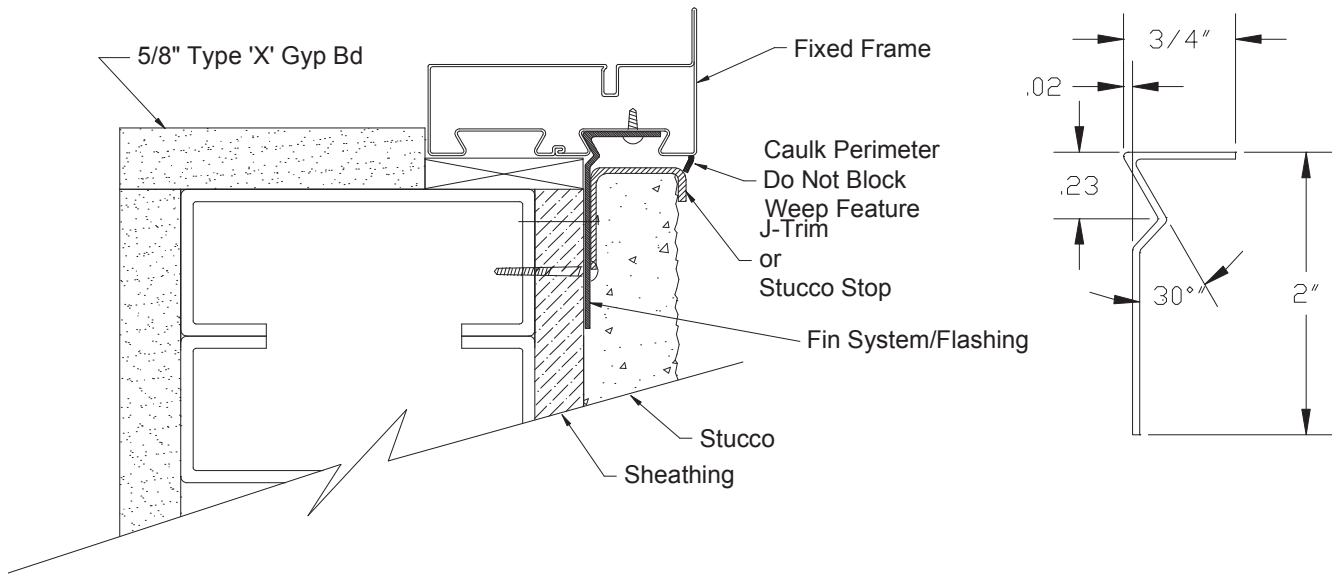
When attaching the Fin to the wall section keep the corners loose to apply the Fin corner pieces. Caulk corner of wall where Fin will be placed as seen in picture to (left). Pull fin away from wall slightly and slide fin underneath as shown in picture (lower left). Once all Fin corners are installed caulk all exposed seams using an approved sealant shown (lower right). The window is now ready to be flashed.



## Flashing the Installation

Flashing the exterior gives added protection against water penetration. The recommended procedure for flashing the opening is to use a flexible adhesive backed window wrap. Each application of the window wrap should be cut extra long as to allow over lapping in each of the corners, at least the width of the wrap itself. The wrap should contact the window frame and be applied per manufacture specification.

If stucco is the desired finished wall exterior a J-channel trim must be used to keep the stucco from contacting the perimeter of the window frame. Protection against stucco from getting on the window and glazing surfaces is important.



## Finalizing the Installation & Weep Feature

Once the wall construction is complete and stucco, siding, masonry or other application is complete, a perimeter beading of approved sealant is needed. Use caution when sealing around the weep feature.

The weep feature is a very important part in the longevity of the window's life span. On exterior applications special attention should be made to the exterior sill and the windows weep feature. The weep located 2" in from both corners of the sill and should be inspected or verified that the weep is open to a gap of 1/8" by approximately 7/8" long. Verification ensures that the weep has not been pinched down or crimped shut during shipping, handling, and installation. Failure to inspect the weep feature prior to finalizing the project can lead to water leakage as well as premature rusting with the window. If the slot needs additional adjustment carefully use a flat screwdriver or small pry-bar to make the gap more. Do not use excessive force, which can cause the frame to tear or crack the protective paint.



### Tools Recommended:

- |                 |         |   |
|-----------------|---------|---|
| -Safety glasses | -Pencil | -Power tool with drilling and screwing capabilities |
| -Measuring tape | -Hammer | -Saw or power saw with metal cutting capabilities   |
| -Caulking Gun   | -Level  | -Pry-bar for shimming and squaring                  |

### Supplies Needed:

**\*Notice\*** All supplies must be approved and meet local code requirements. Contact your local inspector for a list of their approved products.

- |          |            |        |
|----------|------------|--------|
| -Sealant | -Fasteners | -Shims |
|----------|------------|--------|

### Parts Shipped

Contained within each individual crate supplied are:

1-Window

\*1-Trim kit containing:

- Instructions
- 1-Head Fin
- 1-Sill Fin
- 2-Jamb Fins
- 4-Fin Corners
- \*\*Touchup paint



\*\*Screws for applying fin

(Not shown)

Mullions if applicable

Notes:

The window and parts should be inspected for shipping damage prior to installation

\*If trim kit exceeds the length of the window it will be provided in separate box.

\*\*Note: Depending upon the quantity of windows, touchup paint and screws may be provided in larger bags with enough quantity to cover the whole order. These bags will be attached to only one or several trim kits depending on order quantity. Location of these items will be identified on the shipped crate being marked as "SCREWS"