Town of Abita Springs

Historic Meeting Date: May 11, 2021

APPLICATION FOR HISTORIC COMMISSION APPROVAL / CERTIFICATE OF APPROPRIATENESS

Date: 4/20/2021

☐ Owner
☐ Applicant

Type of Approval

☒ New Construction
☒ Renovation
☐ Accessory Building *(not livable)*
☐ Ancillary Building *(livable structure)*

☐ Other: _____

APPLICATION FOR PERMIT TO: *(Briefly describe project- Use separate paper if necessary)*

The addition of a 164 sq FOOT ROOM that will allow for a move of the bathroom location.

APPLICANT NAME:

Email: ejboudreaux@bellsouth.NET Phone: 985-778-1495

Address: 71385 ST. JOSEPH ST. ABITA SPRINGS, LA 70420

OWNER (IF DIFFERENT FROM APPLICANT):

Email: Phone:

Address:

CONTRACTOR NAME & COMPANY: Charlie Rick Construction, LLC

Email: charlie@charlierick.com Phone: 985-630-8401

Address: Hwy 59, ABITA SPRINGS, LA. 70420

Signature of Owner — Date: April 20, 2021 — Signature of Applicant: E J Boudreaux — Date: 4/20/2021

Lic # 884139

---------- *Do Not Write Below this Line* ----------

7 DAYS NOTICE REQUIRED BEFORE FINAL APPROVAL OF CONSTRUCTION. IF YOU BUILD IN THE HISTORIC DISTRICT APPROVAL MUST BE GIVEN BEFORE YOUR CERTIFICATE OF OCCUPANCY WILL BE ISSUED.

Commissioners Initial

Ron Blitch _____
Otto Dinkelacker _____
Thad Mancil _____
Andre Monnot _____
Paul Vogt _____

Review Date: _____

Approved: _____

Commissioner Assigned: _____

Work Completed as Presented: _____

Inspected on Date: _____

Town of Abita Springs

Historic Meeting Date: MAY 11, 2021

APPLICATION FOR HISTORIC COMMISSION APPROVAL / CERTIFICATE OF APPROPRIATENESS

SUBJECT PROPERTY

Street Address or Legal Description: 71385 ST. JOSEPH ST.

Nearest Cross Streets: 10TH Lot Dimensions: 90' X 120'

Work Begins: UKN Estimated Completion Date: UKN

RESIDENTIAL HISTORIC CHECK LIST

FOUNDATION	☒ Concrete ~~Block~~ SLAB ☐ Brick ☐ Continuous Chain Wall ☐ Raised Slab (36" above ground)
CRAWLSPACE	☐ 24" Clear N/A
SIDING	☐ Vinyl ☒ Wood ☐ Hardie Plank
ROOF	☒ Metal ☐ Fiberglass Shingles **Slope:** ☐ 8/12 Minimum
FRONT PORCH	☐ Wood ☒ 7' Minimum Depth **2/3 Minimum Front Width of House:** ☒ Yes ☐ No
CHIMNEY	☐ Stovepipe ☐ Brick ☒ None
STEPS	☐ Wood ☐ Bricks **Railing:** ☐ Wood ☐ Spacing 4" N/A
HEIGHT	Height of Building: APPROX. 16-17' 35' Maximum 1-FLOOR
WINDOW TRIM	☐ Vinyl ☒ Wood ☐ Hardie Plank ☐ Other
TRIM	☐ Vinyl ☒ Wood ☐ Hardie Plank ☐ Other
COLUMNS	☐ Vinyl ☒ Wood ☐ Hardie Plank ☐ Other
DOORS	☐ Vinyl ☒ Wood ☐ Hardie Plank ☐ Other
SHUTTERS	☐ Vinyl ☒ Wood ☐ Hardie Plank **Must be ½ Width of Windows** ☒ Yes ☐ No
ACCESSORY BUILDINGS	☐ Garage ☐ Shed ☒ Other PORTABLE PLAY HOUSE
FENCES	☒ Wood **Type:** ☐ 4' Picket ☐ 7' Privacy ☐ 6' Privacy with 2' Lattice
LIGHTING	**No Fluorescent Strip Lighting or Fixtures**
SIGNS	☐ Permanent ☐ Temporary N/A

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS, THE CONTRACTOR MUST CHECK ALL DETAILS FOR ACCURACY OR ERROR AND BE RESPONSIBLE FOR THEM. CHARLIE RICK ENGINEERING LLC IS NOT RESPONSIBLE FOR ANY BUILDING THAT IS NOT BUILT TO CODE. THIS DRAWING CONTAINS VALUABLE, CONFIDENTIAL, PROPRIETARY, TRADE SECRET INFORMATION OF CHARLIE RICK ENGINEERING LLC. NO REPRODUCTION OR OTHER USE OF THE DRAWING OR ANY OF ITS CONTENTS IS PERMITTED WITHOUT CONSENT OF CHARLIE RICK ENGINEERING LLC.

71385 St. Joseph Street

ADHERES TO THE DESIGN CRITERIA OUTLINED IN THE 2015 INTERNATIONAL RESIDENTIAL CODE AS WELL AS ACT 12 AMENDMENTS CONCERNING R301.2.1.1 (DESIGN CRITERIA) FOR ONE AND TWO FAMILY DWELLINGS AS REQUIRED FOR AREAS WHERE BASIC WIND SPEEDS EQUAL OR EXCEED 140 MPH

AS FOR DESIGN CRITERIA IN R301.2.1.1, I WILL FOLLOW THE AMERICAN FOREST AND PAPER ASSOCIATION (AF+PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM). NOT ALL SPECIFICATIONS ARE EXPRESSLY NOTED ON THE PLANS; THEREFORE, IT IS THE RESPONSIBILITY OF INDIVIDUAL BUILDERS AND/OR CONTRACTORS TO COMPLY WITH THE FOLLOWING CODES.

THIS PLAN WAS DESIGNED TO MEET R301 DESIGN LOAD CRITERIA, 40PSF LIVE, 30 PSF LIVE LOAD FOR SLEEPING ROOMS, 20 PSF ROOF LIVE LOAD, AND DESIGN WIND SPEED IS 140MPH

SHEET INDEX	
Sheet Name	Sheet Number
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FOUNDATION PLANS & DETAILS	S1
FRAMING PLANS & DETAILS	S2
FLOORING & ROOF PLANS	A1
ELECTRICAL FLOOR PLAN	E1
MECHANICAL FLOOR PLAN	M1

TO ANYONE WORKING ON THESE PLANS, IF THERE IS AN INCONSISTENCY AND YOU DO NOT CALL BEFORE MOVING FORWARD, YOU ARE THEN RESPONSIBLE FOR ANY DISCREPANCY.

1. GENERAL
   A. ALL WORK MATERIALS SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES. THE STRICTER PROVISIONS OF CODES AND THESE NOTES AND NOTES ON INCLUDED DRAWINGS SHALL GOVERN.
   B. CODE COMPLIANCE
      I. INTERNATIONAL RESIDENTIAL CODE (IRC) 2015
      II. SSTD 10-99 (FOR FOUNDATION)
      III. WFCM LATEST EDITION
      IV. LATEST LOUISIANA PLUMBING CODE
   C. LIVE LOADS
      I. ATTICS, UNINHABITABLE WITHOUT STORAGE = 10 PSF
      II. ATTICS, UNINHABITABLE WITH STORAGE = 20 PSF
      III. ROOFS = 20 PSF
      IV. RESIDENTIAL FLOOR LOAD (EXCEPT BALCONIES) = 40 PSF
   D. ENVIRONMENTAL LOADS
      I. BASIC WIND SPEED, V: 140MPH EXP. B
      II. IMPORTANCE FACTOR, I: 1.0
      III. ENCLOSED STRUCTURE, INTERIOR PRESSURE BASED ON GcPi=(+/-) 0.18
   E. FLOOD ZONE: SEE PLAT BY SURVEYOR
2. SITEWORK
   A. SHALL BE PER APPENDIX J OF THE INTERNATIONAL BUILDING CODE.
   B. GRADE LOT FOR PROPERTY DRAINAGE WITHIN 50 FEET OF RESIDENCE TO DRAIN WATER AWAY.
   C. LOUISIANA ONE CALL (800) 272-3020, "CALL BEFORE YOU DIG"
3. CONCRETE
   A. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
   B. ALL REINFORCING STEEL SHALL BE ASTM A615 GR.60. ALL WELDING WIRE REINFORCEMENT SHALL BE ASTM A185IN FLAT SHEETS.
4. MASONRY
   A. ALL BRICKWORK SHALL CONFORM TO BRICK INDUSTRY ASSOCIATION STANDARDS & THE BUILDING CODE.
   B. VERTICAL EXPANSION JOINTS IN BRICK VENER WALLS SHALL BE SPACED AT 30 FEET MAX.
   C. TIES SHALL BE SPACED A MAXIMUM OF 16IN. O.C. VERTICALLY AND 16" O.C. HORIZONTALLY. ALL TIES MUST BE EMBEDDED AT LEAST 1 1/2 IN. INTO THE BRICK VENEER WITH A MINIMUM MORTAR COVER OF 5/8 IN. TO THE OUTSIDE FACE OF THE WALL THEY MUST BE SECURELY ATTACHED TO THE STUDS THROUGH THE SHEATHING, NOT TO THE SHEATHING ALONE. AROUND THE PERIMETER OF OPENINGS, ADDITIONAL TIES SHOULD BE INSTALLED SPACED AT A MAXIMUM OF 3 FT. O.C. WITHIN 12 IN. OF THE OPENING.
   D. BRICK IS USUALLY SELECTED ON THE BASIS OF THEIR APPEARANCE WHICH INCLUDES COLOR, TEXTURE, AND SIZE. TO ASSURE QUALITY, BRICK UNITS SHOULD CONFORM TO ONE OF THE FOLLOWING: ASTM C216 SPECIFICATION FOR FACING BRICK, ASTM C652 SPECIFICATION FOR HOLLOW BRICK, ASTM C1405 SPECIFICATION FOR GLAZED BRICK (SINGLE-FRIED, SOLID UNITS) OR ASTM C126 SPECIFICATION FOR CERAMIC GLAZED STRUCTURAL CLAY FACING TILE, FACING BRICK AND SOLID MASONRY UNITS. ALL BRICK UNITS SHOULD BE OF GRADE SW. THE USE OF SALVAGED BRICK IS NOT RECOMMENDED SINCE SUCH BRICK MAY NOT BOND PROPERLY WITH MORTAR AND MAY BE LESS DURABLE.
   E. MORTAR SHALL CONFORM TO ASTM C270 SPECIFICATIONS FOR MORTAR UNIT MASONRY. MORTAR PLAYS AN IMPORTANT ROLL IN FLEXURAL STRENGTH OF A BRICK VENEER WYTHE. TESTS OF FULLSCALE WALLS INDICATE THAT THE BOND BETWEEN MORTAR AND BRICK UNITS IS THE MOST IMPORTANT SINGLE FACTOR AFFECTING WALL STRENGTH WHEN RESISTING HORIZONTAL JOINT CRACKING. THE BUILDER SHOULD SELECT THE LOWEST COMPRESSIVE UNIT STRENGTH MORTAR THAT IS COMPATIBLE WITH THE BRICK USED ON THE PROJECT. FOR MORE INFORMATION, REFER TO TECHNICAL NOTES 8 SERIES BY THE BRICK INDUSTRY ASSOCIATION.
5. METAL
   A. ALL UNEXPOSED STEEL SHALL BE SHOP PAINTED (IN ACCORDANCE WITH AISC STANDARDS) OR GALVANIZED.
   B. LINTEL SIZES (FOR BRICK VENEER) ASTM A36 STEEL:
      I. 0 TO 4FT. OPENINGS: L4x3 1/2x 3/8;
      II. >4 TO 6FT. OPENINGS: L5x 3 1/2x 3/8;
      III. >6 TO 8FT. OPENINGS: L6x 3 1/2x 3/8;
      IV. >8 TO 10FT. OPENINGS: L7x4x1/2;
      V. >10 TO 12FT. OPENINGS: L8x4x1/2;
      VI. >12 TO 14FT. OPENINGS: L9x4x5/8;
   C. LINTELS SHALL HAVE AT LEAST 8" BEARINGS ON BRICK WALL ON BOTH SIDES OF OPENINGS.
   D. ALL BOLTS SHALL BE ASTM A307 HOT DIP GALVENIZED MATERIAL.
   E. METAL ROOFING (IF APPLICABLE) SHALL BE PER OWNER & MEET THE WIND REQUIREMENTS OF THIS DWG & GOVERNING BUILDING CODE.
   G. ALL STEEL PIPES SHALL BE ASTM A53, TYPE-S (SEAMLESS) GRADE B (Fy=35KSI), U.N.O (IF APPLICABLE).
6. WOOD
   A. ALL WOOD FRAMING, FABRICATION, AND ERECTION SHALL CONFORM TO THE FOLLOWING CODES AND THESE NOTES AND NOTES ON INCLUDED DRAWINGS SHALL GOVERN.
      I. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION BY THE NFPA.
      II. PLYWOOD DESIGN SPECIFICATION BY THE APA.
      III. PRESSURE TREATED WOOD REQUIREMENTS OF AWPA.
      IV. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
   B. LUMBER SHALL BE SOUTHERN YELLOW PINE (SYP) #2 OR BETTER.
   C. ENGINEERED BEAMS/JOISTS SHALL BE AS IDENTIFIED ON PLANS. SUPPORT LAMINATED BEAMS/BUILT-UP BEAMS WITH A MIN. 3-STUD COL. EACH END. PROVIDE CMST14 STRAPS AT ENDS OF BEAMS SUBJECT TO UPLIFT LOADING. BEAMS 3 1/2" WIDE CAN BE MADE UP OF 2- 1 3/4" BEAMS. BEAMS 5 1/4" WIDE CAN BE MADE UP OF 3- 1 3/4" BEAMS.
   D. ALL WOOD CONNECTIONS SHALL BE GALVENIZED MATERIAL AND IN ACCORDANCE WITH THE FASTENING SCHEDULE OF THE GOVERNING BUILDING CODE. UPLIFT CONNECTORS: CONNECTORS SHALL BE PROVIDED FOR A CONTINUOUS LOAD PATH FROM FOUNDATION TO RAFTER. CONNECTORS ARE IN ADDITION TO BUILDING CODE NAILING REQUIREMENTS. JOISTS HANGERS, TIES, AND SEATS SHALL BE SIMPSON STRONG-TIE OR EQUIVALENT. ALL CONNECTORS SHALL BE INSTALLED WITH THE MAXIMUM NUMBER OF FASTENERS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS UNLESS SPECIFICALLY NOTED OTHERWISE.
   E. HEADINGS FOR OPENINGS IN INTERIOR WALLS OF SINGLE STORY CONSTRUCTION WITH NO MORE THAN 4'-0" CLEAR OPENING SHALL BE 2-2x10, MIN. HEADERS FOR OPENINGS ON EXTERIOR WALLS SHALL BE 2-2x12 FOR A MAXIMUM OPENING OF 4'-0" FOR SINGLE STORY CONSTRUCTION. U.N.O SEE PLANS.
   F. PER TABLE 602.3(5) OF THE 2015 IRC, WALL STUDS SHALL BE 2x4 AT 16" O.C. FOR WALL HEIGHTS NOT EXCEEDING 10 FEET IN UNSUPPORTED HEIGHT, U.N.O. BLOCK ALL STUD WALLS AT MID-HEIGHT. ALL WALLS OVER 10'-0" IN HEIGHT SHALL BE 2x6 FRAMING @ 16" O.C. U.N.O. BLOCK PER CODE REQUIREMENTS.
   G. RAFTERS SHALL BE 2x6 MIN., SPACED AT 24" O.C. MAX., MAX CLEAR SPAN = 10'-0" , SUPPORT ROOF BRACING ON LOAD BEARING WALLS ONLY. ROOF BRACING SHALL NOT BEAR ON CEILING JOISTS OR BEAMS.
   H. ALL CLG. THAT FALLS UNDER LOAD BEARING WALLS ARE TO BE TRIPLE JOIST.
   I. CEILING JOISTS FOR UNINHABITABLE ATTICS WITH STORAGE (LL=20 PSF) SHALL BE 2x6 MIN. SPACED AT 16" O.C. MAX. AND AS FOLLOWS: (USE 2x6+2x4 STRONGBACK AT ALL CEILING JOIST SPANS OVER 10'-0")
      I. 2x6 @ 16 O.C. MAX. SPAN 13'-6"
      II. 2x8 @ 16 O.C. MAX. SPAN 17'-5"
      III. 2x10 @ 16 O.C. MAX. SPAN 20'-9"
      IV. 2x12 @ 16 O.C. MAX. SPAN 23'-11"
   J. FLOOR JOISTS FOR RESIDENTIAL USE (LL=40 PSF) SHALL BE 2x8 MIN., SPACED AT 16" O.C. MAX. AND AS FOLLOWS:
      I. 2x8 @ 16 O.C. MAX. SPAN 12'-4"
      II. 2x10 @ 16 O.C. MAX. SPAN 14'-8"
      III. 2x12 @ 16 O.C. MAX. SPAN 17'-2"
      IV. 2x12 @ 12 O.C. MAX. SPAN 19'19"
   THE USE OF OPEN WEB JOISTS MAY REQUIRE DRAFTSTOPPING, PER NOTE 6. WOOD (T), SEE BELOW.
   K. USE 3/4" (23/32") APA RATED T & G PLYWOOD ON ALL FLOOR JOISTS U.N.O. (WHERE APPLIES)
   L. ANCHOR FLOOR PLATES TO SLAB WITH 5/8" C ASTM A307 BOLTS WITH A MINIMUM EMBEDMENT OF 7" SPACED AT 24" O.C. WITH MUDSILLS 18" FROM EACH BOLT & WITHIN 12" OF EACH BUILDING CORNER; EACH BOLT SHALL HAVE A 3"x3"x1/8" WASHER. ** AS AN ALTERNATE TO THE ABOVE SPACING: ANCHOR BOLTS CAN BE SPACED AT 4' O.C. WITH SIMPSON MAS ANCHOR SPACE AT 16" O.C. BETWEEN ANCHOR BOLTS** (NAIL MAS TO SILL PLATE WITH 2-10d NAILS ON SIDE AND 4-10d NAILS ON TOP)
   M. SHEAR WALLS: PROVIDE APA SHEATHING, EXPOSURE 1 RATING 4'x8'x7/16" PANELS ON ALL EXTERIOR WALLS. PROVIDE INTERIOR SHEER WALLS AS SHOWN ON PLANS. SHEATHING SHALL EXTEND FROM SLAB TO TOP PLATE. PROVIDE SOLID BLOCKING AT ALL PANEL EDGES. SEE ATTACHED DETAIL FOR NAILING & CONNECTOR REQUIREMENTS.
   N. ALL ROOF SHEATHING SHALL BE APA SHEATHING EXPOSURE 1 4'x8'x5/8" MIN. PANELS. FASTEN IN WITH 8d NAILS AT 6" O.C. AT ALL FRAMING MEMBERS. USE 8d RINK SHANK NAILS WITHIN 5'-0" OF ROOF EDGES. SPACE NAILS AT 4" O.C. WITHIN 5'-0" OF GABLE END WALLS.
   O. ALL LUMBER IN CONTACT WITH EARTH AND/OR MASONRY SHALL BE TREATED.
   P. CABINETS & COUNTERTOPS SHALL BE PER BUILDER ALLOWANCES.
   Q. APPROVED EQUAL PRODUCTS ARE ACCEPTABLE AND MAY BE SUBSTITUTED.
   R. FOLLOW WOOD FRAME CONSTRUCTION MANUAL FOR ALL DETAILS NOT SHOWN.
   S. FIREBLOCKING - PROVIDE FIREBLOCKING IN ALL LOCATIONS AND USING ALL APPORVED MATERIALS AS REQUIRED BY 2015 IRC SECTION R 302.11.
   T. DRAFTSTOPPING - PROVIDE DRAFTSTOPPING IN ALL CONCEALED LOCATIONS AND USING ALL APPROVED MATERIALS AS REQUIRED BY 2015 IRC SECTION R302.12.
7. THERMAL & MOISTURE CONTROL
   A. ALL THERMAL/MOISTURE PROTECTION WORK/MATERIALS SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES.
   B. CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM INSULATION (AS APPLICABLE)
      I. WALLS: R-13 BATT (2x4 WALL), R-19 BATT (2x6 WALL)
      II. CEILINGS, STANDARD: R-38 BLOWN (PREFERABLE) OR R-38 BATT
      III. CEILING, VAULT: R-19 BATT
      IV. FLOORS (2-STORY SPACES ONLY): R-19 BATT
      V. FLOORS (CRAWL SPACE UNDER FLOOR): R-19 BATT, OR EQUIVALENT RIGID BOARD INSULATION
   C. ROOFING MATERIAL SHALL BE PER OWNER/BUILDER AGREEMENT & SHALL MEET WIND SPEED CRITERIA SHOWN ON THIS DWG. INSTALL ROOFING PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
   D. SIDING MATERIAL SHALL BE PER OWNER/BUILDER AGREEMENT & SHALL MEET WIND SPEED CRITERIA SHOWN ON THIS DWG. INSTALL SIDING PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
8. DOORS & WINDOWS - PER OWNER/BUILDER AGREEMENT & ATTACHED DRAWINGS
   A. ALL WINDOWS SHALL MEET SECTION R301.2.1.2 GLAZING SHALL MEET THE SPECIFIED REQUIREMENTS OR THE CONTRACTOR SHALL PROVIDE 7/16" MIN. PLYWOOD PANELS FOR ALL WINDOWS OR SHALL PROVIDE SHUTTERS ON ALL WINDOWS THAT MEET THE REQUIREMENTS OF R301.2.1.2.
   B. CONTRACTOR SHALL PROVIDE "SECURE DOOR" BRACING SYSTEM FOR GARAGE DOOR INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
9. FINISHES - PER OWNER/BUILDER AGREEMENT & ATTACHED DRAWINGS
10. SPECIALTIES - SPECIALTIES SHALL MEET ALL BUILDING CODE REQUIREMENTS
   A. FIREPLACES SHALL BE PER CODE AND OWNER/BUILDER AGREEMENT.
   B. SHUTTERS (IF SHOWN ON DRAWINGS) SHALL BE PER OWNER/BUILDER AGREEMENT.
   C. STORAGE SHELVING SHALL BE PER OWNER/BUILDER AGREEMENT.
   D. TOILET, BATH, & LAUNDRY ACCESSORIES SHALL BE PER OWNER/BUILDER AGREEMENT.
11. EQUIPMENT - ALL APPLIANCES SHALL BE PER OWNER/BUILDER AGREEMENT.
12. FURNISHINGS - ANY FURNISHINGS SHALL BE PER OWNER/BUILDER AGREEMENT.
13. SPECIAL CONSTRUCTION - TUBS & POOLS - IF APPLICABLE SHALL BE PER OWNER/BUILDER ALLOWANCES.
14. SPECIAL CONSTRUCTION - ELEVATORS - IF APPLICABLE SHALL BE PER OWNER/BUILDER ALLOWANCES.
15. MECHANICAL: HVAC & PLUMBING
   A. ALL HVAC WORK/MATERIALS SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES.
   B. HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 101:7-2 OF THE LIFE SAFETY CODE.
   C. OWNER SHALL RETAIN A LICENSED MECHANICAL CONTRACTOR TO VERIFY HVAC SYSTEM SHOWN WILL WORK SATISFACTORILY.
   D. RS & RL LINES FROM OUTDOOR COND. UNIT, RISE WITHIN WALL TO ATTIC SPACE, CONTINUE TO RESPECTIVE INDOOR AIR HANDLING UNIT.
   E. PROVIDE SUPPORT FOR CONDENSING UNITS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & RECOMMENDATIONS.
   F. EXTEND FRESH AIR INTAKE DUCT TO METAL SADDLE VENT AND PERMANENTLY ATTACH AS REQUIRED TO PROVIDE FOR AIR INTAKE.
   G. 5' MIN. TOTAL LENGTH (MEASURED ALONG CENTER OF DUCT). ACOUSTICALLY LINE R.A. DUCT (WITH 90 +- ELBOW) BETWEEN UNIT INLET AND PLENUM ABOVE R.A. GRILL.
   H. PROVIDE 125 DEGREE FIRESTAT, LOCATE IN RETURN AIR PLENUM.
   I. PROVIDE RAISED PLATFORM FOR AHU.
   J. PROVIDE O.B. MANUAL VOLUME DAMPERS AT ALL VOLUME SUPPLY AIR GRILLES.
   K. PROVIDE SPIN-TAP WITH DAMPER AT ALL SUPPLY AIR DUCT CONNECTIONS TO PLENUM.
   L. ALL PLUMBING WORK/MATERIALS SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES.
16. ELECTRICAL
   A. ALL ELECTRICAL WORK/MATERIALS SHALL CONFORM TO LOCAL, STATE, AND FEDERAL CODES.
   B. OWNER AND BUILDER SHALL COORDINATE LOCATIONS OF APPLIANCES, SWITCHES, OUTLETS, THERMOSTATS, CIRCUT BREAKER BOX, ETC. C. SMOKE DETECTORS REQUIRED AT ALL BEDROOMS AND/OR ADJACENT HALLWAYS.
17. VENT/FLOOD ELEVATION
   A. THE BOTTOM OF ENCLOSED AREA FLOOD VENTS WILL BE 1FT. OR LESS ABOVE THE ADJACENT GRADE AS REQUIRED BY R322.2.3 IRC 2015 ED.
   B. THE ENCLOSED AREAS BELOW DESIGN FLOOD ELEVATION ON THE GARAGE WILL MEET THE REQUIREMENTS OF R322.2.2 IRC 2015 ED. FOR USE AND FLOOD OPENINGS.
   C. BUILDING MATERIALS USED BELOW DESIGN FLOOD ELEVATION WILL COMPLY WITH SEC. R322.1.8 IRC 2015 ED.
18. ANY DOOR LEADING FROM A GARAGE INTO A RESIDENCE SHALL BE A SOLID WOOD DOOR NOT LESS THAN 1 3/8" THICK, SOLID STEEL DOOR NOT LESS THAN 1 3/8" THICK OR A 20-MIN FIRE RATED DOOR, EQUIPPED WITH A SELF CLOSING DEVICE AS STATED IN R302.5.1 IRC 2015.
19. BUILDING MATERIALS USED BELOW DESIGN FLOOD ELEVATION SHALL COMPLY WITH SEC. R322.1.8 IRC 2015 ED.
20. PROJECTIONS (ROOF OVERHANGS) EXTENDING INTO THE THREE FOOT FIRE SEPARATION DISTANCE SHALL NOT HAVE LESS THAN ONE-HOUR FIRE RESISTIVE CONSTRUCTION ON THE UNDERSIDE AS REQUIRED BY R302.1 IRC 2015 ED.
21. PROVIDE GARAGE SEPARATION AS REQUIRED BY SEC R302.6 IRC 2015 ED.
22. WINDOWS INSTALLED IN STAIR ENCLOSURED AND WITHIN 5 FT. OF BOTTOM OF STAIRS REQUIRE SAFETY GLAZING PER R308.4.6 IRC.
23. PROVIDE ATTIC VENTILATION AS REQUIRED BY SEC. R806 OF THE IRC 2015 ED.

DESIGN CRITERIA
1. THE BASIC WIND SPEED USED IN THIS DESIGN IS 140 MPH

2. ROOF PITCHES OF 7/12 OR LESS MUST CONFORM TO THE SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION (SSTD 10).

3. ROOF PITCHES OF 8/12 OR GREATER MUST CONFORM TO ASCE-7.

4. WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 5/8 INCH AND A MAXIMUM SPAN OF 8 FEET SHALL BE PROVIDED BY THE CONTRACTOR FOR OPENING PROTECTION. PANELS SHALL BE PRECUT TO COVER GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED. ATTACHMENTS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE R301.2.1.2 OR SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LADS DETERMINED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

PRIOR TO ANY DIGGING OR OTHER RELEVANT CONSTRUCTION, IT IS THE RESPONSIBILITY OF CONTRACTOR AND /OR OWNER TO CONTACT UTILITY COMPANIES FOR LOCATIONS OF UNDERGROUND UTILITIES

CHARLIE RICK

Charlie Rick Engineering
Firm License # 6703
Edward Carrick
Engineer License # 32487
Covington, Louisiana
985-237-5337
www.charlierick.com

STATE OF LOUISIANA
EDWARD K. CARRICK
License No. 32487
PROFESSIONAL ENGINEER

E.J. Boudreaux Jr.
71385 St. Joseph Street
Abita Springs, LA 70420

No.	Issue	Date
1	75% Contractor/Owner Review	04/30/21

Design: CR/EKC
Drawn: JJL
Scale: As Noted

Issue Date: 04/30/2021

Parcel #

Project # 20-054

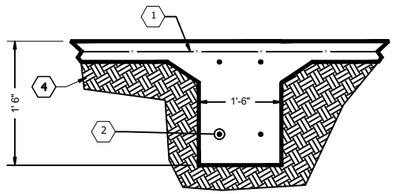
Project Name: Bathroom Addition

Sheet Name: Code Reference

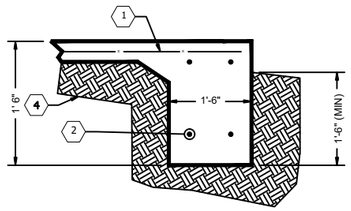
Sheet # T1

THESE DRAWINGS AND PLANS ARE DEVELOPED BY CHARLIE RICK ENGINEERINGAND ARE THE PROPERTY OF THR SAME. THEY SHALL NOT BE REPRODUCED OR USED FOR ANY OTHER UNDERTAKINGS, PROJECTS, ETC. WITHOUT THE WRITTEN CONSENT OF CHARLIE RICK ENGINEEERING, LLC.

Residential Addition/Remodel for: E.J. Boudreaux Jr.

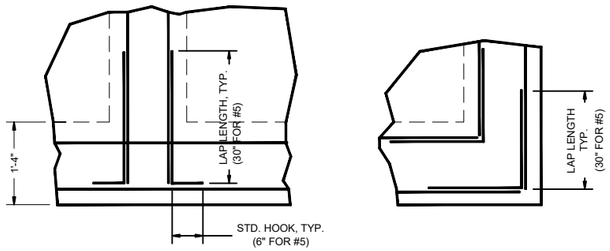


INTERIOR GRADE BEAM

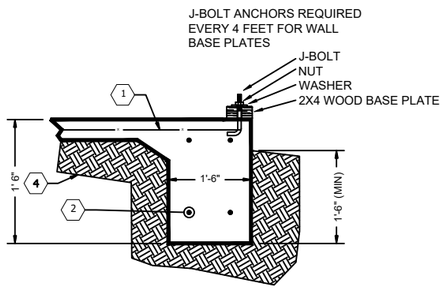


EXTERIOR GRADE BEAM

Scale for this section: 3/8"=1'-0"

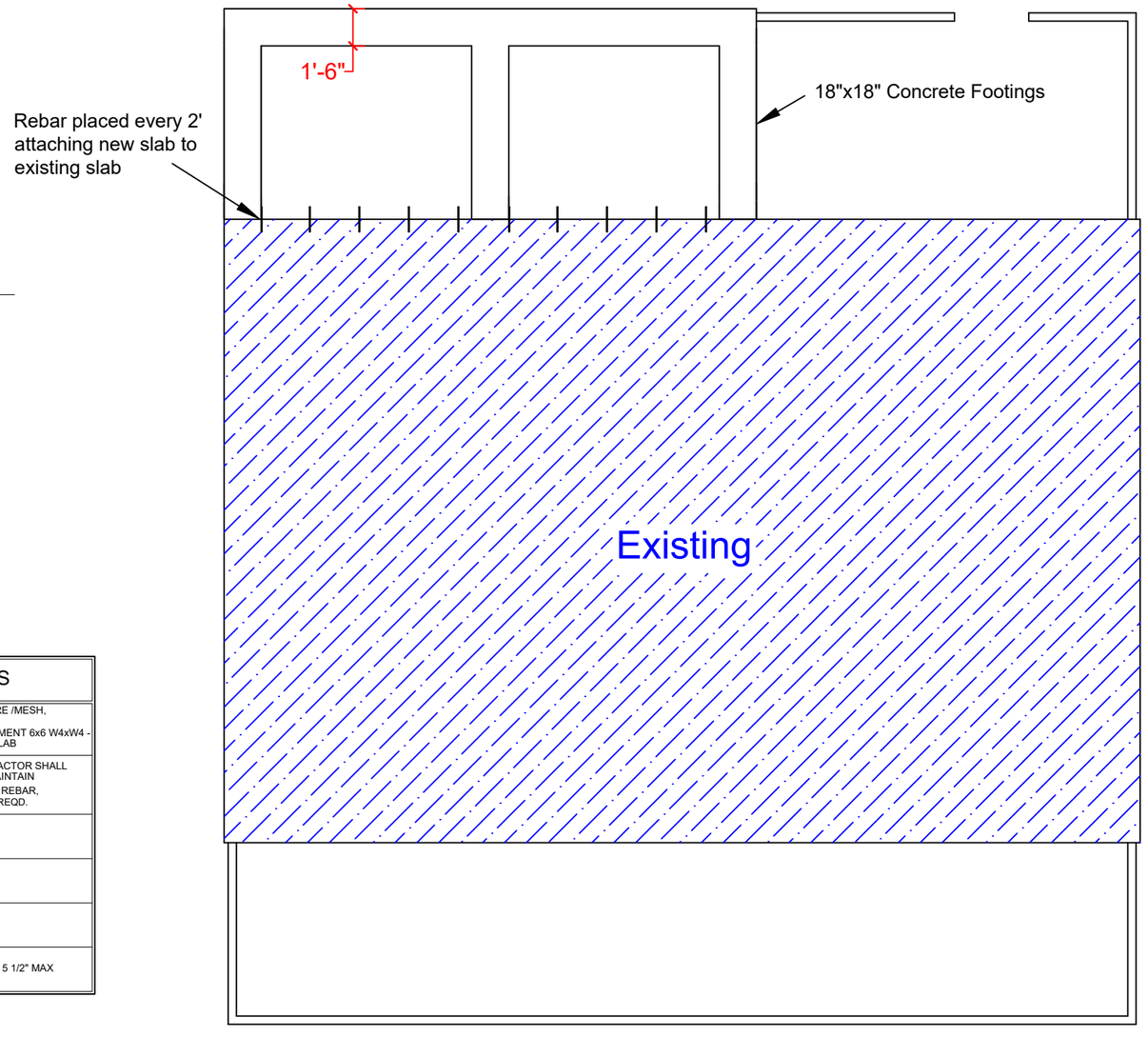


TYPICAL GRADE BEAM/FOOTING REINFORCEMENT @ CORNERS & INTERSECTIONS



WALL-SUPPORTING BEAMS

KEY NOTES	
1	SLAB REINFORCEMENT WIRE /MESH, ACROSS ENTIRE SLAB WELDED WIRE REINFORCEMENT 6x6 W4xW4 - PLACE AT MID-DEPTH OF SLAB
2	4-#5 CONTINUOUS (CONTRACTOR SHALL PROVIDE SUPPORTS TO MAINTAIN POSITION OF CONTINUOUS REBAR, REBAR STIRRUPS ARE NOT REQD.
3	NOT USED
4	COMPACTED SOIL
5	
6	STEMWALL HEIGHT VARIES 5 1/2" MAX



Foundation - Plan View

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Residential Addition for: E.J. Boudreaux Jr.

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No	Issue	Date
1	75% Contractor/Owner Review	04/30/21

Design
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ISSUE DATE
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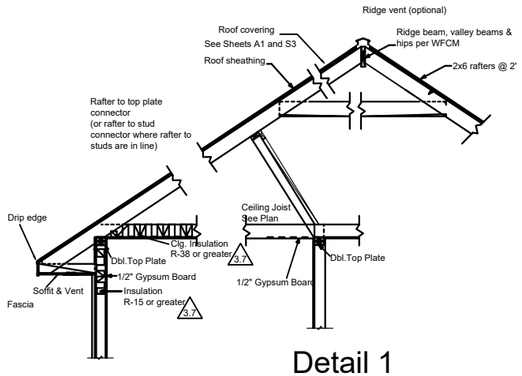
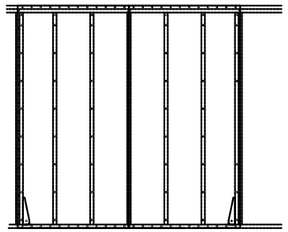
Parcel #
Project # 20-054
Project Name Bathroom Addition
Sheet Name Foundation Plans & Details
Sheet # S1

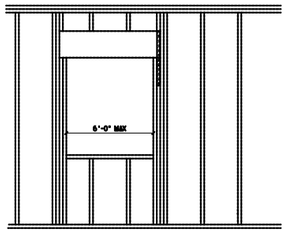


Detail 1



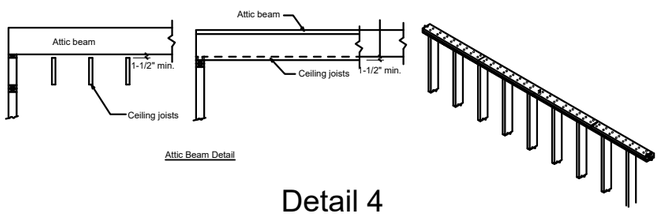
Shear Wall Detail
All exterior walls shall be sheathed.
Sheath interior walls only as indicated on plans.
Note: Uplift connectors not shown.

Detail 2



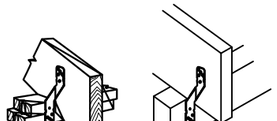
Typical window opening detail (door opening similar)

Detail 3



Attic Beam Detail

Detail 4



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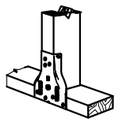

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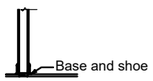
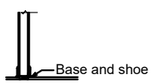


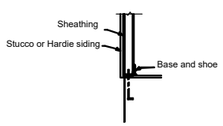
Details of slab and interior wall

Detail 7



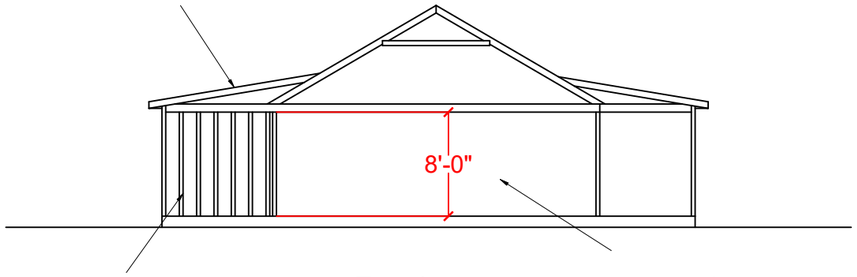
Details of slab and interior wall

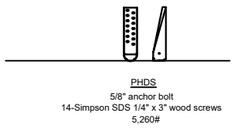
Detail 8



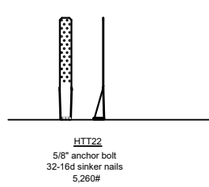
Detail of slab and stucco or siding

Detail 9

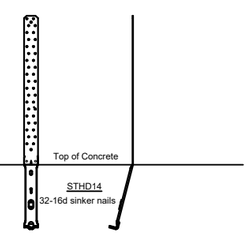




Detail 10



Detail 11



Detail 12

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No	Issue	Date
1	75% Contractor/Owner Review	04/30/21

Design
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Check
Date
Parcel #

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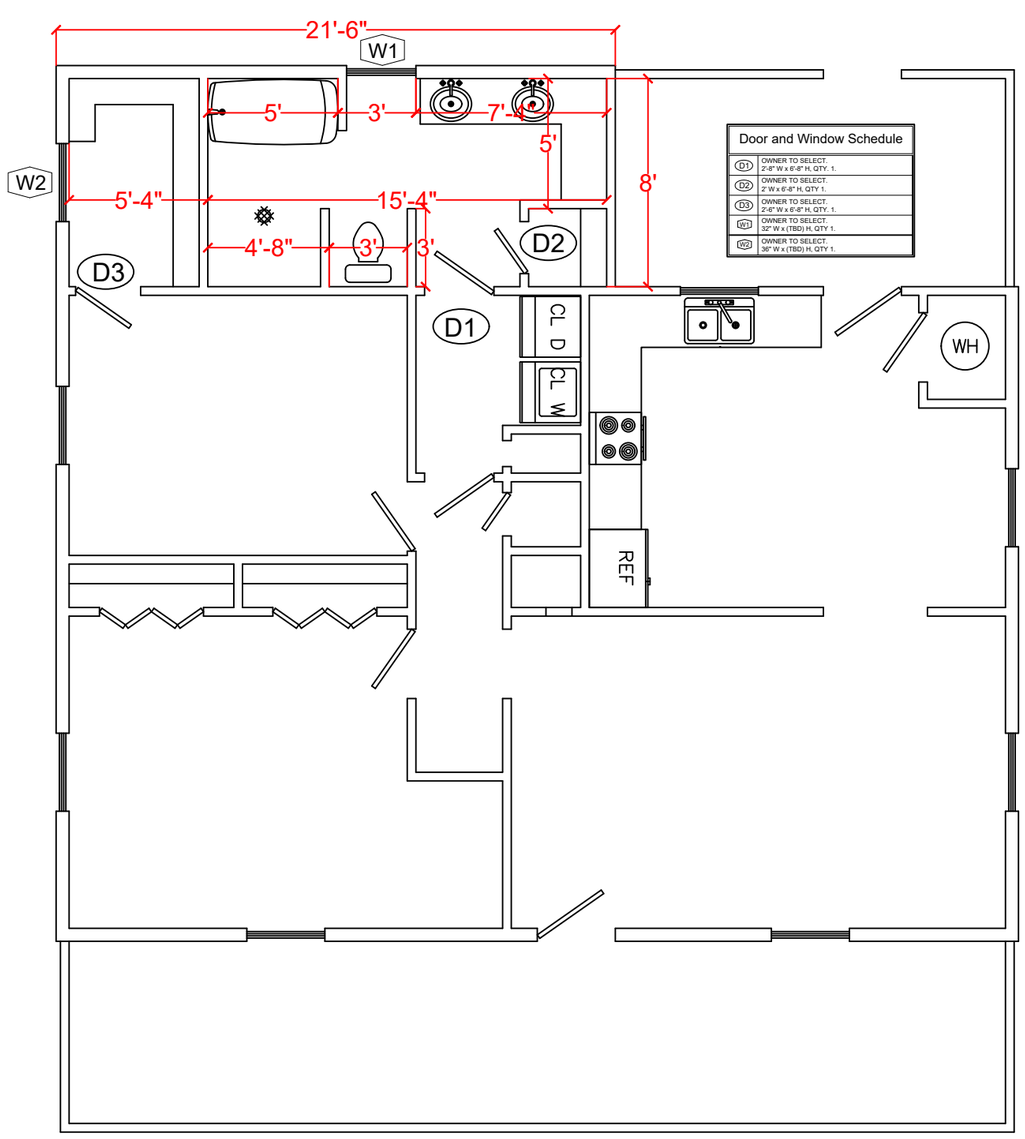
Project # 20-054

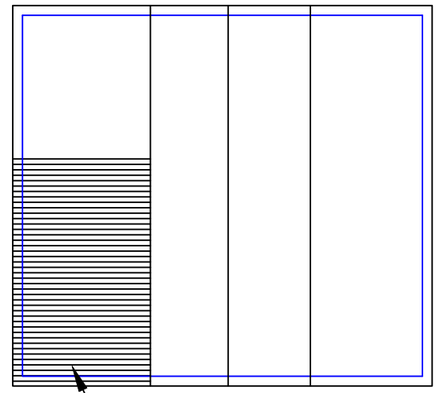
Project Name Bathroom Addition

Sheet Name Framing Plans & Details

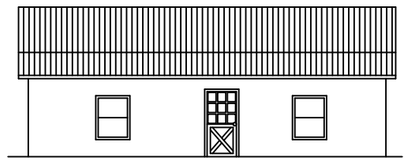
Sheet # S2



Door and Window Schedule	
D1	OWNER TO SELECT. 2'-8" W x 6'-8" H, QTY. 1.
D2	OWNER TO SELECT. 2' W x 6'-8" H, QTY. 1.
D3	OWNER TO SELECT. 2'-6" W x 6'-8" H, QTY. 1.
W1	OWNER TO SELECT. 32" W x (TBD) H, QTY 1.
W2	OWNER TO SELECT. 36" W x (TBD) H, QTY 1.



Roof Plan (Plan View)



Roof Plan Front

New roof to match existing
V Crimp metal roof material

New roof to match existing
V Crimp metal roof material

Roof Plan Left Side

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Date	No	Issue
04/30/21	1	75% Contractor/Owner Review

Design: casco
Draw: allcor
Date: allcor

ISSUE DATE
04/30/2021

Parcel #

Project # 20-054

Project Name Bathroom Addition

Sheet Name Floor & Roof Plans

Sheet # A1

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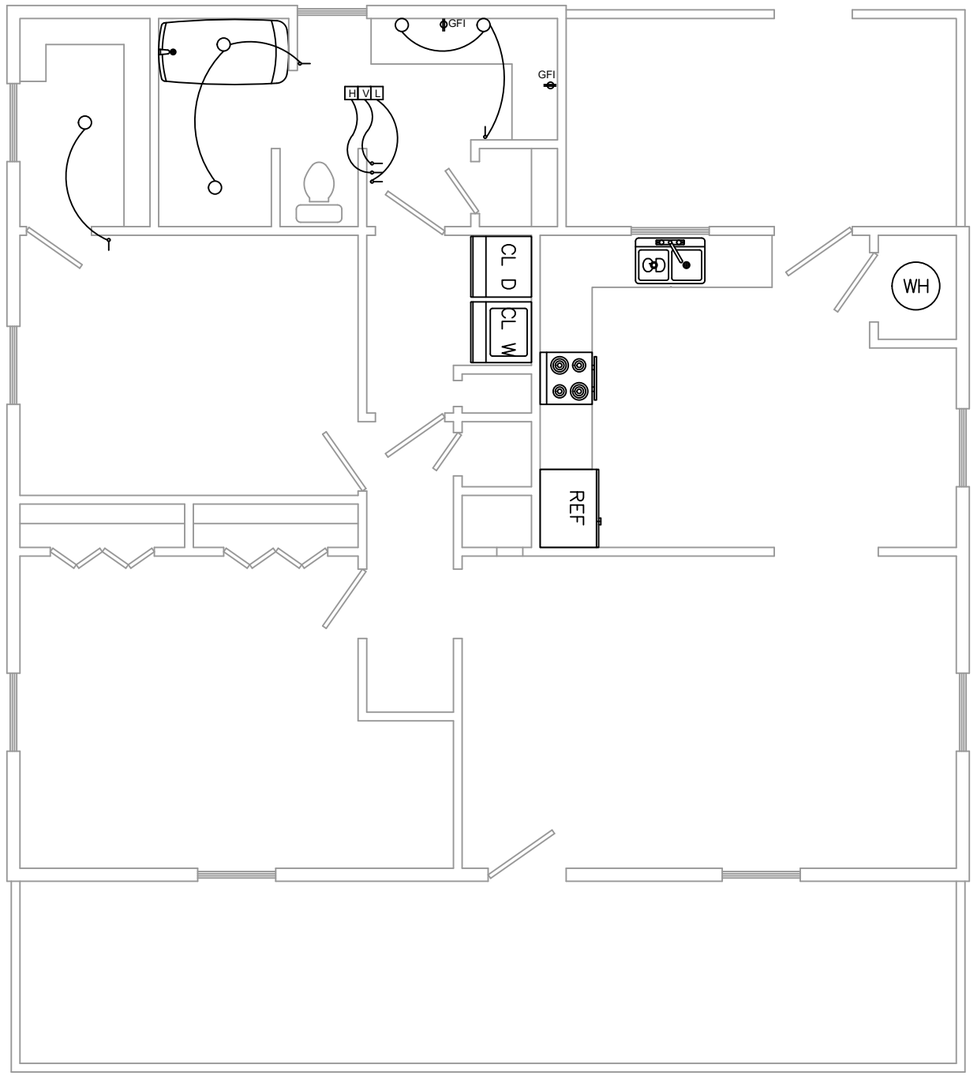
Electric Symbols & Legend

	Duplex Outlet, 120V
	Light switch, One-way, 120V
	Light switch, Two-way, 120V
	Light switch, Door Switch, 120V
	Electrical service connections
	Ceiling fan
	Surface mounted light or hanging light
SD	Smoke Detector
CO	Carbon Monoxide Detector



GENERAL ELECTRICAL REQUIREMENTS

1 . ALL LOCATIONS FOR ELECTRICAL DEVICES ARE APPROXIMATE, FIELD VERIFY ALL LOCATIONS PRIOR TO ROUGH-IN.
2 . ALL FIXTURE SELECTIONS SHALL BE COORDINATED BETWEEN THE GENERAL CONTRACTOR AND THE OWNER.
3 . COORDINATE WITH GENERAL CONTRACTOR FOR ALL POWER REQUIREMENTS FOR ALL APPLIANCES ONCE APPLIANCES HAVE BEEN SELECTED.
4 . ALL DEVICES USED ON THE EXTERIOR SHALL BE RATED FOR USE IN A WET LOCATION.
5 . ALL LAMPING SHALL BE COORDINATED WITH GENERAL CONTRACTOR & OWNER.
6 . COORDINATE COLORS OF OUTLETS, SWITCHES, COVER PLATES, ETC. WITH OWNER.
7 . COORDINATE/REVIEW ALL SWITCHING LAYOUTS W/OWNER PRIOR TO ROUGH-IN.
8 . SMOKE DETECTORS TO BE INSTALLED IN ACCORDANCE WITH SECTION 314 OF THE INTERNATIONAL RESIDENTIAL CODE.
9 . ALL OUTLETS SHOWN ON PLAN ARE IN ADDITION TO THOSE OUTLETS REQUIRED BY THE INTERNATIONAL RESIDENTIAL CODE. ADDITIONAL OUTLETS MAY BE REQUIRED. ALL OUTLET HEIGHT WILL BE THAT AS REQUIRED BY THE IRC UNLESS OTHERWISE NOTED.
10 . ALL LIGHT SWITCHES SHALL BE MOUNTED 42" A.F.F. U.N.O. VERIFY HEIGHT WITH OWNER PRIOR TO ROUGH-IN.

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Design	CRS/DC	No.	Issue
Drawn	JJL	1	75% Contractor/Owner Review 04/30/21
Scale	3/16"=1'-0"		

ISSUE DATE
04/30/2021

Parcel #

Project # 20-054

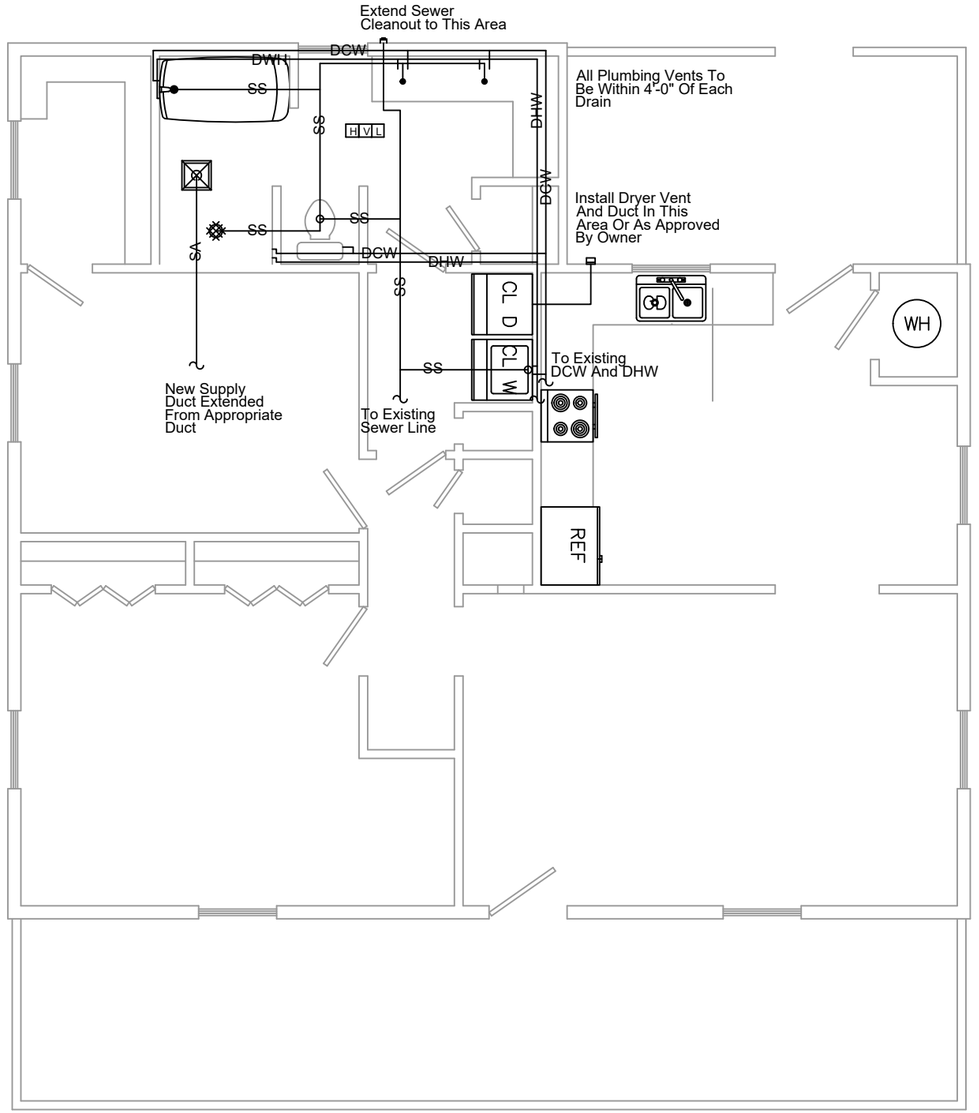
Project Name Bathroom Addition

Sheet Name Electrical Floor Plan

Sheet # E1

PLUMBING GENERAL NOTES

1. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL PERMITS AND PAYING ALL FEES FOR INSTALLATION OF SYSTEM SHOWN.
2. PLUMBING INSTALLATION SHALL BE PER THE LATEST ADDITION OF THE INIERNATIONAL PLUMBING CODE AND ALL LOCAL REQUIREMENTS.
3. SLOPE ALL SEWERS 3" AND SMALLER 1/4"/FT MINIMUM, SEWERS 4" AND LARGER AT 1/8"/FT.
4. SLOPE GREASE WASTE PIPING AT 1/4" PER FOOT MINIMUM.
5. VENT TERMINATION'S SHALL BE 3" MINIMUM AND SHALL BE LOCATED 10'-0" MINIMUM FROM FRESH AIR INTAKE OR BUILDING OPENING.
6. PROVIDE ROOF FLASHINGS PER ROOFING MANUFACTURERS RECOMMENDATIONS AND ARCHITECTURAL REQUIREMENTS.
7. GAS PIPING VALUE OF SYSTEM SIZING OF IS BASED ON METER LOCATION SHOWN WITH INLET PRESSURE OF 14" W.C. AT THE BUILDING SERVICE ENTRY. CONTRACTOR IS RESPONSBILE FOR COORDINATION WITH THE LOCAL UTIITY COMPANY FOR METER INSTALLATION.
8. CONTRACTOR RESPONSIBLE FOR VERIFICATION OF GAS DEMAND OF EQUIPMENT ACTUALLY PROVIDED TO JOB SITE AND FINAL APPROVED METER LOCATION THEN SIZING SYSTEM FOR THE FINAL LENGTH OF SYSTEM, PRIOR TO INSTALLING SYSTEM.



HVAC GENERAL NOTES

1. HVAC SYSTEM SHALL BE INSTALLED PER THE LATEST ADDITION OF THE INTERNATIONAL MECHANICAL CODE AND ANY LOCAL REQUIREMENTS.
2. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND FEES FOR INSTALLATION OF SYSYTEMS SHOWN.
3. RECTANGULAR DUCTING TO HAVE AIR FOIL TURNING VANES IN ALL 90° BENDS
4. INSTALL ALL EQUIPMENT PER MANUFACTURERS RECOMMENDATIONS FOR SERVICE CLEARANCE.
5. MAINTAIN 10'-0" CLEARANCE FROM OSA INTAKE TO FLUE TERMINAL OR EXHAUST FAN.
6. ALL ROOF PENETRATIONS SHALL BE PER ARCHITECTURAL REQUIREMENTS. COORDINATE LOCATION WITH ROOF FRAMING MEMBERS.
7. CONTRACTOR TO PROVIDE ALL OFFSETS REQUIRED FOR A COMPLETE SYSTEM. PROVIDE OFFSETS TO COORDINATE WITH FRAMING MEMBERS. ALL DUCTING CONSTRUCTION AND INSTALLATION SHALL BE PER SMACNA AND ALL APPLICABLE LOCAL CODES.
8. PROVIDE LINED PLENUM BOXES ON ALL RETURN AIR GRILLES A MINIMUM. OF 12" DEEP. TAP DUCT SIZE AS SHOWN ON PLAN.
9. SUPPLY AND RETURN DUCTING SHALL BE WRAPPE IN INSULATION.
10. PROVIDE SMOKE DETECTORS AS DIRECTED BY LOCAL CODE OFFICIAL.
11. CONNECT DUCTING TO EQUIPMENT WITH FLEX CONNECTIONS TYPICAL, REFER TO DETAILS.
12. AIR SUPPLY DIFFUSERS AND GRILLES SHALL HAVE A BALANCE DAMPER IN EACH AIR DEVICE OR BRANCH DUCT.

HVAC Symbols & Legend

	Evaporator / Interior HVAC Unit
	Supply Air Diffuser Min. 12" x 6", 3-way
	Supply Air Diffuser Max. 10" x 6", 3-way
	Return Air Filter-Grille Ceiling mounted
SA	Supply Air Duct
T	Thermostat

Plumbing Symbols & Legend

—CD—	Condensate Drain
—DCW—	Domestic Cold Water
—DHW—	Domestic Hot Water
—EX—	Exhaust to Exterior Include wall exhaust cap
—NG—	Natural Gas
— P —	Propane
—PV—	Plumbing Vent
—SS—	Sanitary Sewer Line
—DV—	Dryer Vent

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Sheet Name Mechanical Floor Plan
Sheet # M1