U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB No. 1660-0008
Expiration Date: November 30, 2022

# ELEVATION CERTIFICATE

**Important:** Follow the instructions on pages 1–9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

## SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

A1. Building Owner's Name
JEFF LAPORTE

Policy Number:

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
CHRISTA DRIVE (VACANT LOT)

Company NAIC Number:

| City | State | ZIP Code |
|---|---|---|
| SLIDELL | Louisiana | 70460 |

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 5, PINEWOOD PARK SUBDIVISION

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 30d 18m 06.4s N Long. 89d 51m 13.2s W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s) 0.00 sq ft

b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0

c) Total net area of flood openings in A8.b 0.00 sq in

d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

a) Square footage of attached garage 0.00 sq ft

b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0

c) Total net area of flood openings in A9.b 0.00 sq in

d) Engineered flood openings? ☐ Yes ☒ No

## SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

| B1. NFIP Community Name & Community Number | B2. County Name | B3. State |
|---|---|---|
| UNINCORPORATED ST. TAMMANY PARISH 225205 | ST. TAMMANY PARISH | Louisiana |

| B4. Map/Panel Number | B5. Suffix | B6. FIRM Index Date | B7. FIRM Panel Effective/ Revised Date | B8. Flood Zone(s) | B9. Base Flood Elevation(s) (Zone AO, use Base Flood Depth) |
|---|---|---|---|---|---|
| 225205 0415 | C | 04-21-1999 | 04-02-1991 | A2 | 15 |

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9:
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source:

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source:

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No

Designation Date: ☐ CBRS ☐ OPA

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>CHRISTA DRIVE (VACANT LOT) | | | Policy Number: |
| City<br>SLIDELL | State<br>Louisiana | ZIP Code<br>70460 | Company NAIC Number |

## SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☒ Construction Drawings* ☐ Building Under Construction* ☐ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: GPS (TOPNET) Vertical Datum: NAVD88 (GEOID 18)

Indicate elevation datum used for the elevations in items a) through h) below.

☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: _____

Datum used for building elevations must be the same as that used for the BFE.

| | | Check the measurement used. | |
|---|---|---|---|
| a) Top of bottom floor (including basement, crawlspace, or enclosure floor) | 15.0 | ☒ feet | ☐ meters |
| b) Top of the next higher floor | N/A | ☒ feet | ☐ meters |
| c) Bottom of the lowest horizontal structural member (V Zones only) | N/A | ☒ feet | ☐ meters |
| d) Attached garage (top of slab) | N/A | ☒ feet | ☐ meters |
| e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) | 15.0 | ☒ feet | ☐ meters |
| f) Lowest adjacent (finished) grade next to building (LAG) | 13.6 | ☒ feet | ☐ meters |
| g) Highest adjacent (finished) grade next to building (HAG) | 13.7 | ☒ feet | ☐ meters |
| h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support | N/A | ☒ feet | ☐ meters |

## SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No ☐ Check here if attachments.

| Certifier's Name | License Number | |
|---|---|---|
| Lester H. Martin Jr. LMJSurveyor@gmail.com | 4758 | |
| Title<br>President/Owner | | |
| Company Name<br>Lester Martin Jr. & Associates, LLC | | |
| Address<br>418 Hickory Drive | | |
| City<br>Slidell | State<br>Louisiana | ZIP Code<br>70458 |
| Signature | Date<br>12-07-2020 | Telephone<br>(985) 285-9099 Ext. |

STATE OF LOUISIANA
LESTER H. MARTIN, JR.
REG. No. 4758
REGISTERED PROFESSIONAL LAND SURVEYOR

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments (including type of equipment and location, per C2(e), if applicable)
Per Vertcon, NGVD29 = NAVD88.
TBM: A MAG nail set on the centerline of the street near the center of the lot and is at elevation 14.00.
Per my client, the Parish told him the lowest floor requirement is 12 inches above the crown of the street.

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>CHRISTA DRIVE (VACANT LOT) | | | Policy Number: |
| City<br>SLIDELL | State<br>Louisiana | ZIP Code<br>70460 | Company NAIC Number |

## SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B,and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

## SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

| Property Owner or Owner's Authorized Representative's Name | | | |
|---|---|---|---|
| Address | City | State | ZIP Code |
| Signature | Date | Telephone | |

Comments

☐ Check here if attachments.

# ELEVATION CERTIFICATE

OMB No. 1660-0008
Expiration Date: November 30, 2022

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>CHRISTA DRIVE (VACANT LOT) | | | Policy Number: |
| City<br>SLIDELL | State<br>Louisiana | ZIP Code<br>70460 | Company NAIC Number |

## SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

| G4. Permit Number | G5. Date Permit Issued | G6. Date Certificate of Compliance/Occupancy Issued |
|---|---|---|
| | | |

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

| Local Official's Name | Title |
|---|---|
| | |
| Community Name | Telephone |
| | |
| Signature | Date |
| | |

Comments (including type of equipment and location, per C2(e), if applicable)

☐ Check here if attachments.

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

See Instructions for Item A6.

OMB No. 1660-0008
Expiration Date: November 30, 2022

| IMPORTANT: In these spaces, copy the corresponding information from Section A. | | | FOR INSURANCE COMPANY USE |
|---|---|---|---|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.<br>CHRISTA DRIVE (VACANT LOT) | | | Policy Number: |
| City<br>SLIDELL | State<br>Louisiana | ZIP Code<br>70460 | Company NAIC Number |

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

Photo One

Photo One Caption FRONT VIEW - 12-07-2020 Clear Photo One

Photo Two

Photo Two Caption Clear Photo Two

# ELEVATION CERTIFICATE

## BUILDING PHOTOGRAPHS

Continuation Page

OMB No. 1660-0008
Expiration Date: November 30, 2022

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

FOR INSURANCE COMPANY USE

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
CHRISTA DRIVE (VACANT LOT)

Policy Number:

| City | State | ZIP Code |
|---|---|---|
| SLIDELL | Louisiana | 70460 |

Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

Photo Three

Photo Three Caption THIS PAGE INTENTIONALLY LEFT BLANK

Clear Photo Three

Photo Four

Photo Four Caption

Clear Photo Four

SURVEYED IN ACCORDANCE WITH THE LOUISIANA STANDARDS OF PRACTICE FOR PROPERTY BOUNDARY SURVEYS FOR A CLASS C SURVEY.

THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH.

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED ME AND THERE IS NO REPRESENTATION THAT ALL APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON. THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

REFERENCE BEARING:
THIS SURVEY IS BASED ON THE SUBDIVISION PLAN LISTED FOR REFERENCE.

ALL ELEVATIONS SHOWN ARE IN FEET NAVD88.

REFERENCE:
PLAN OF PINEWOOD PARK SUBDIVISION BY LAND ENGINEERING SERVICES, INC. DATED MAY 8, 1972.

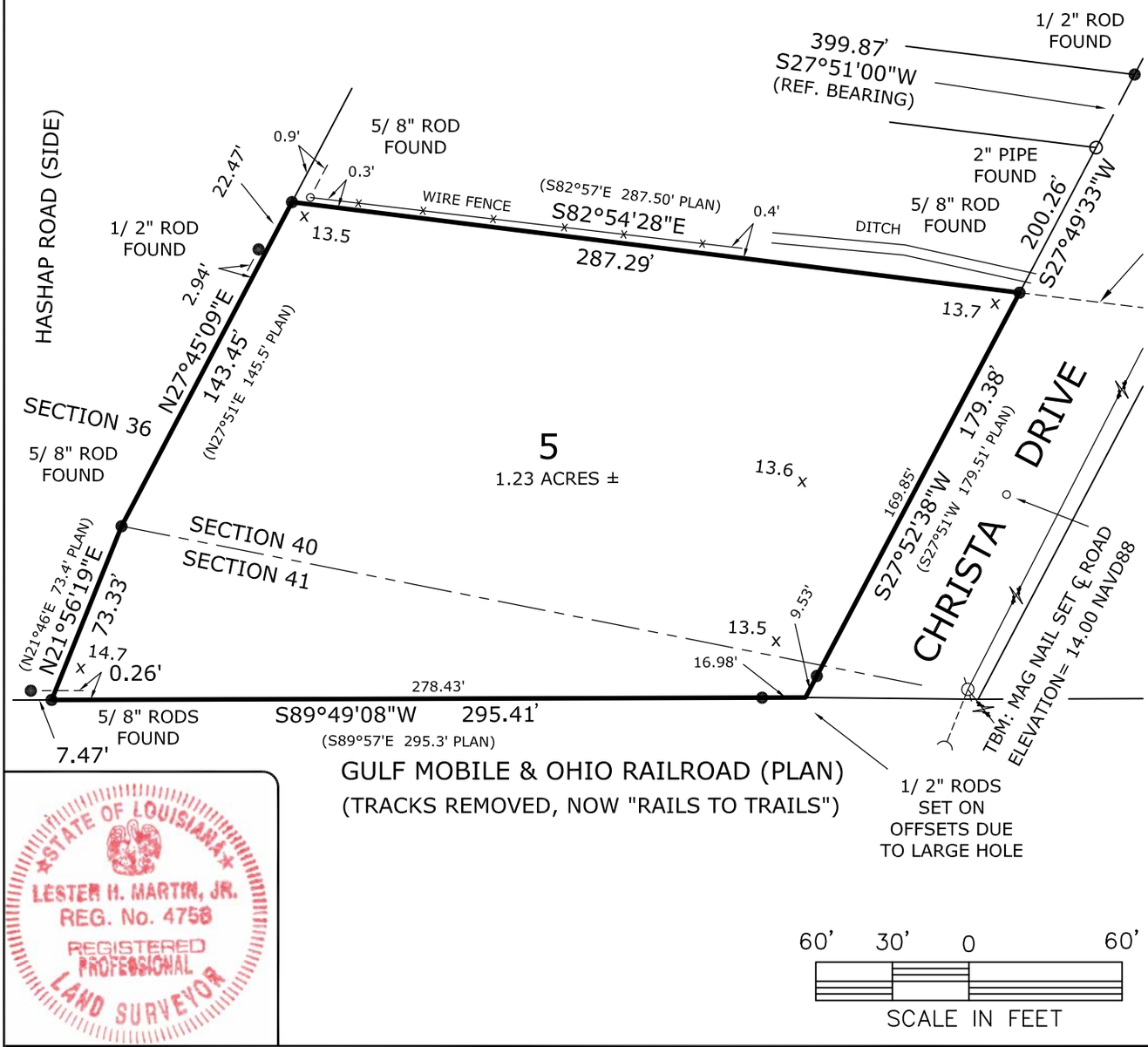
PER FIRM: UNINCORPORATED ST. TAMMANY PARISH, 225205, 0415 C, DATED APRIL 2, 1991, THIS PROPERTY IS IN ZONE A2, EL. 15 NGVD29.

NOTE: THE PRELIMINARY DFIRM ON THE LSUAGCENTER WEBSITE SHOWS THIS PROPERTY IN ZONE X, ELEV.= N/A

N

U.S. HIGHWAY 190 (SIDE)

13.7 x = SPOT ELEVATION
= POWER POLE
= OVERHEAD LINE
= ANCHOR




STATE OF LOUISIANA
LESTER H. MARTIN, JR.
REG. No. 4758
REGISTERED PROFESSIONAL LAND SURVEYOR

60' 30' 0 60'
SCALE IN FEET

## SURVEYOR'S CERTIFICATE
STATE OF LOUISIANA
PARISH OF ST. TAMMANY

I, LESTER H. MARTIN JR., PROFESSIONAL SURVEYOR DO HEREBY CERTIFY THAT I HAVE SURVEYED, COMPUTED AND PLOTTED THE PROPERTY SHOWN HEREON LOCATED IN PINEWOOD PARK SUBDIVISION, ST. TAMMANY PARISH, LA. SURVEYED AT THE REQUEST OF JEFF LAPORTE.

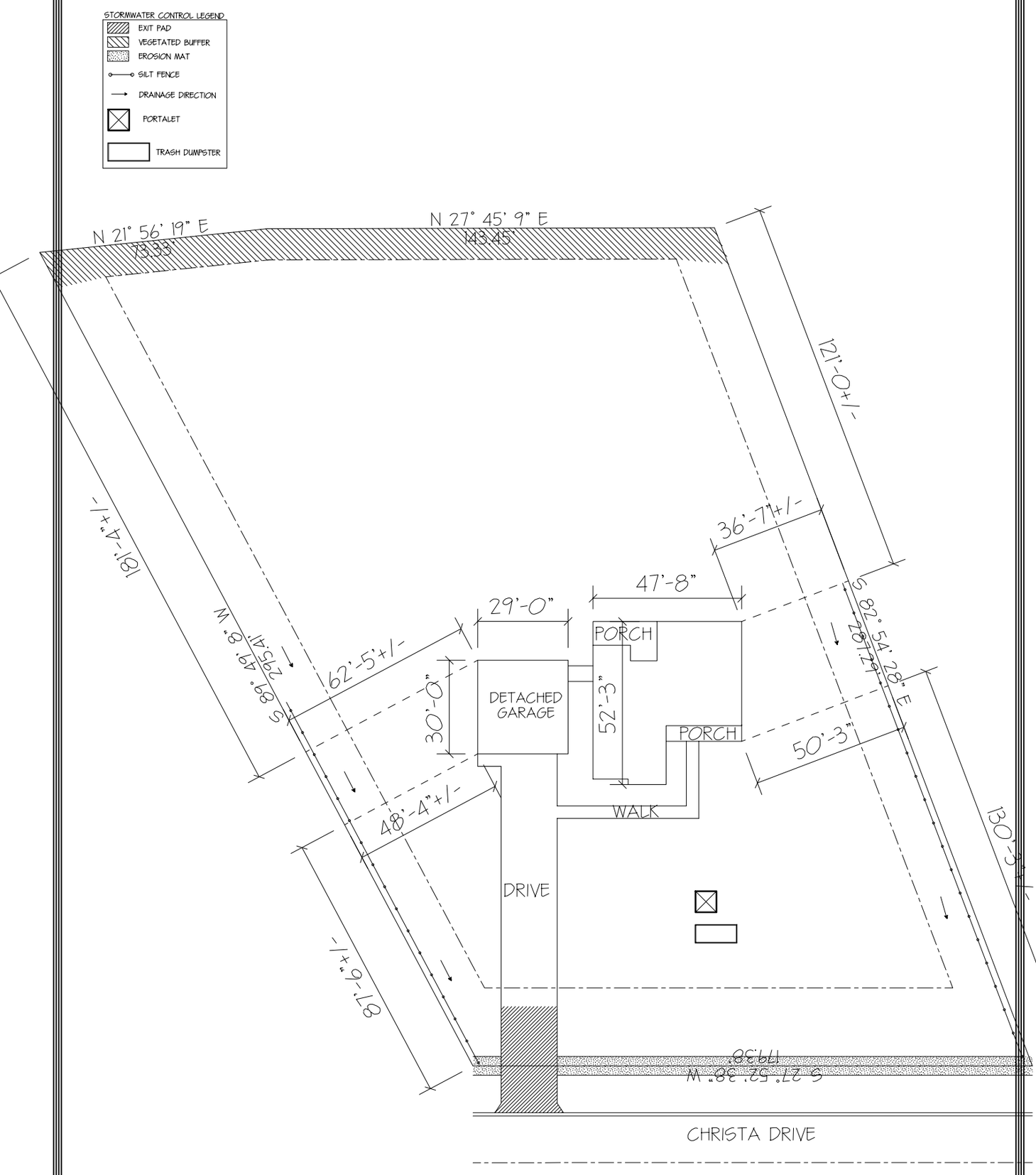
WITNESS MY SIGNATURE ON THIS, THE 7TH DAY OF DEC. 2020.

Lester H. Martin Jr. P.L.S. #4758

# SURVEY OF LOT 5
# PINEWOOD PARK SUBDIVISION
# PT. SEC. 40 & 41, T8S, R13E
# ST. TAMMANY PARISH, LA

DATE: *12-07-2020* SCALE: *1"=60'* DWG. BY: *LMJ*


LESTER MARTIN JR.
& Associates LLC
418 Hickory Drive
Slidell, Louisiana 70458
Cell & Text: (985) 285-9099 Fax: 1 (208) 279-0935
E-mail: LMJSurveyor@gmail.com




THE SETBACKS AND RESTRICTIONS SHOWN ON THIS PLOT PLAN ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION FURNISHED TO US. DESIGNTECH RECOMMENDS THAT SETBACKS AND LOT DIMENSIONS BE CONFIRMED BY PROFESSIONAL LAND SURVEYOR AND, OWNER BEFORE LOCATION OF BUILDING IS ESTABLISHED.

| | |
|---|---|
| FRONT | 25' |
| SIDES | 15' |
| REAR | 10' |
| SIDE STREET | N/A |

MEMBER
A I B D®

PLANS FOR:
JEFF LAPORTE MECHANICAL CO.
LOT 5, PINEWOOD PARK
EAST, ST. TAMMANY PARISH, LA

DATE
4-8-21

**DesignTech Residential Planners, Inc.**
St. Tammany Parish, LA. WEB ADDRESS designtechusa.com

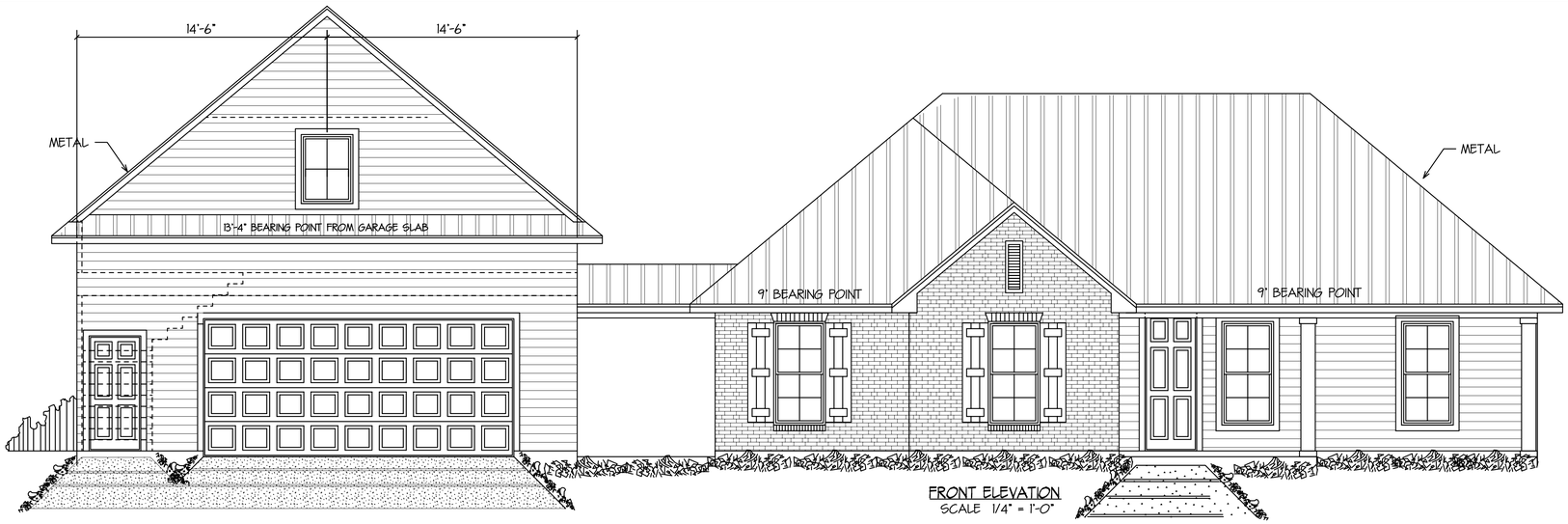
FLOOD ZONE

WIND ZONE
130 MPH

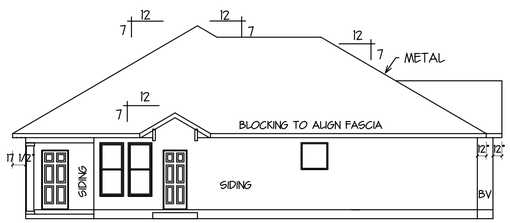
# PLOT PLAN

SCALE 1" = 40'-0"

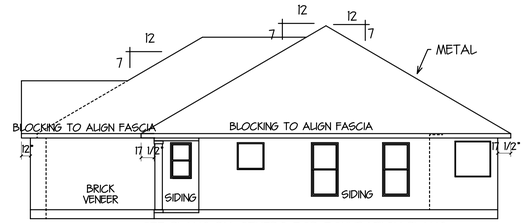
| CODE | LIVING | AREA U.B. | INDEX |
|---|---|---|---|
| A3 | 1815 | 2927 | 12471 |



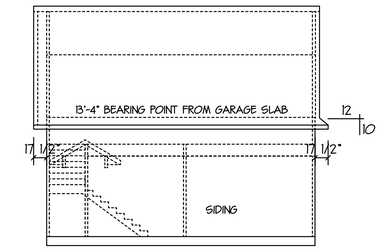

FRONT ELEVATION
SCALE 1/4" = 1'-0"



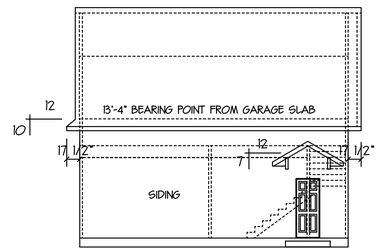

** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
LEFT SIDE ELEVATION
SCALE 1/8" = 1'-0"



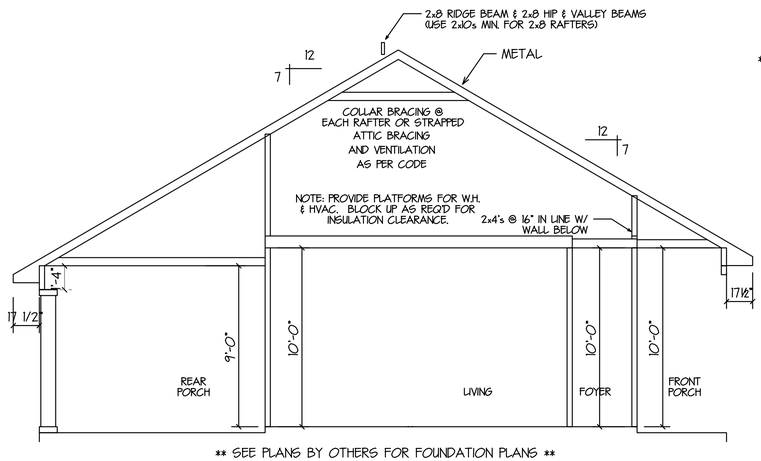

** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
RIGHT SIDE ELEVATION
SCALE 1/8" = 1'-0"



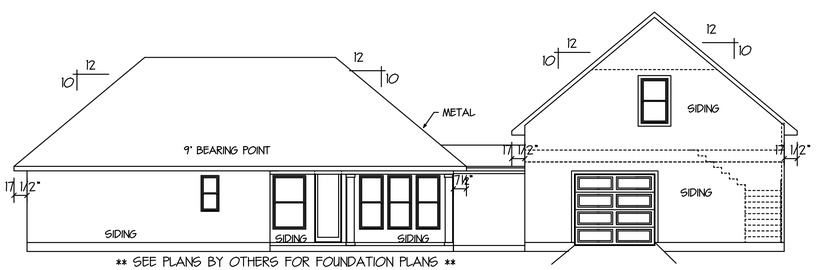

** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
LEFT SIDE GARAGE ELEVATION
SCALE 1/8" = 1'-0"




** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
RIGHT SIDE GARAGE ELEVATION
SCALE 1/8" = 1'-0"




** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
TYPICAL CROSS SECTION
SCALE 1/4" = 1'-0"




** SEE PLANS BY OTHERS FOR FOUNDATION PLANS **
REAR ELEVATION
SCALE 1/8" = 1'-0"

## NOTES

SIDING REQUIREMENTS

1. VINYL SIDING SHALL MEET THE REQUIREMENTS OF THE IBC 1405. 14 USE CERTAINEED MAINSTREET DOUBLE 4" SIDING OR EQUAL TO MEET CODE IBC 1405. 14

BRICK VENEER REQUIREMENTS

1. IRC 703.7.4.1 - REQUIRES BRICK TIES AT 16" HORIZONTAL AND 16" VERTICAL.
2. IRC 703.7.4.2 REQUIRE 1" OF AIRSPACE BETWEEN BRICK AND OUTSIDE BARRIER.
3. IRC 703.7.6 - REQUIRES WEEPHOLES BE PLACED AT MAXIMUM OF 33" O.C.
4. IRC 703.8 - REQUIRES THE USE OF FLASHING.

IRC GLASS REQUIREMENTS

1. GLASS WILL MEET 130 MPH WIND LOAD REQUIREMENT(DP50) & PASS IMPACT RESISTANCE TEST ASTM E1886 OR BE BOARDED WITH AN APPROVED ASSEMBLY THAT MEETS PRESCRIBED REQUIREMENTS OF THE IRC.
2. GLASS DOORS & WINDOWS WITHIN 18" OF FINISHED FLOOR ARE CONSIDER "HIGH HAZARD AREAS" AND MUST COMPLY WITH IRC 308 GLAZING.
3. BEDROOMS ARE REQUIRED TO HAVE A RESCUE POINT (WINDOW). THAT POINTS SHALL HAVE 5.0 SQ. FT. OF OPENING AT GROUND LEVEL AND 5.7 SQ. FT. IF ABOVE GROUND LEVEL. THE MINIMUM ANY ONE SIDED DIMENSION SHALL BE 20" IN LENGTH AND 24" IN HEIGHT.
4. SHUTTERS SHALL BE ENGINEERED IF USED INSTEAD OF IMPACT GLASS.
5. GARAGE DOOR SHALL BE 130 MPH WIND RATED DOOR

# ELEVATIONS & SECTION

PLANS FOR:
JEFF LAPORTE MECHANICAL CO.
LOT 5, PINEWOOD PARK
EAST, ST. TAMMANY PARISH, LA

**DesignTech**
**Residential Planners, Inc.**
St. Tammany Parish, LA.
COVINGTON 985-871-7211 SLIDELL 985-847-0600

DATE
4-8-21

| CODE | LIVING | AREA U. B. | INDEX |
|---|---|---|---|
| A3 | 1815 | 3047 | 12471 |

| DESIGNED BY | FINISHED BY | CHECKED BY | REVISED |
|---|---|---|---|
| DMH | JMC | DMH | 4-23-21 |

A-2

Although every effort has been made in preparing these plans, the contractor must check all details for accuracy or errors and be responsible for same. Purchaser assumes the risk of any errors, omissions or mistakes during construction due the fact that "DesignTech" does not perform field supervision nor select building materials sub-contractors and/or products/equipment.
All notes, specifications and other information on the plans are included as instructed by and/or with the approval of Purchaser and without warranty of any kind whatsoever.
PLANS HAVE BEEN PREPARED FOR USE BY KNOWLEDGEABLE AND EXPERIENCED, LICENSED CONTRACTORS
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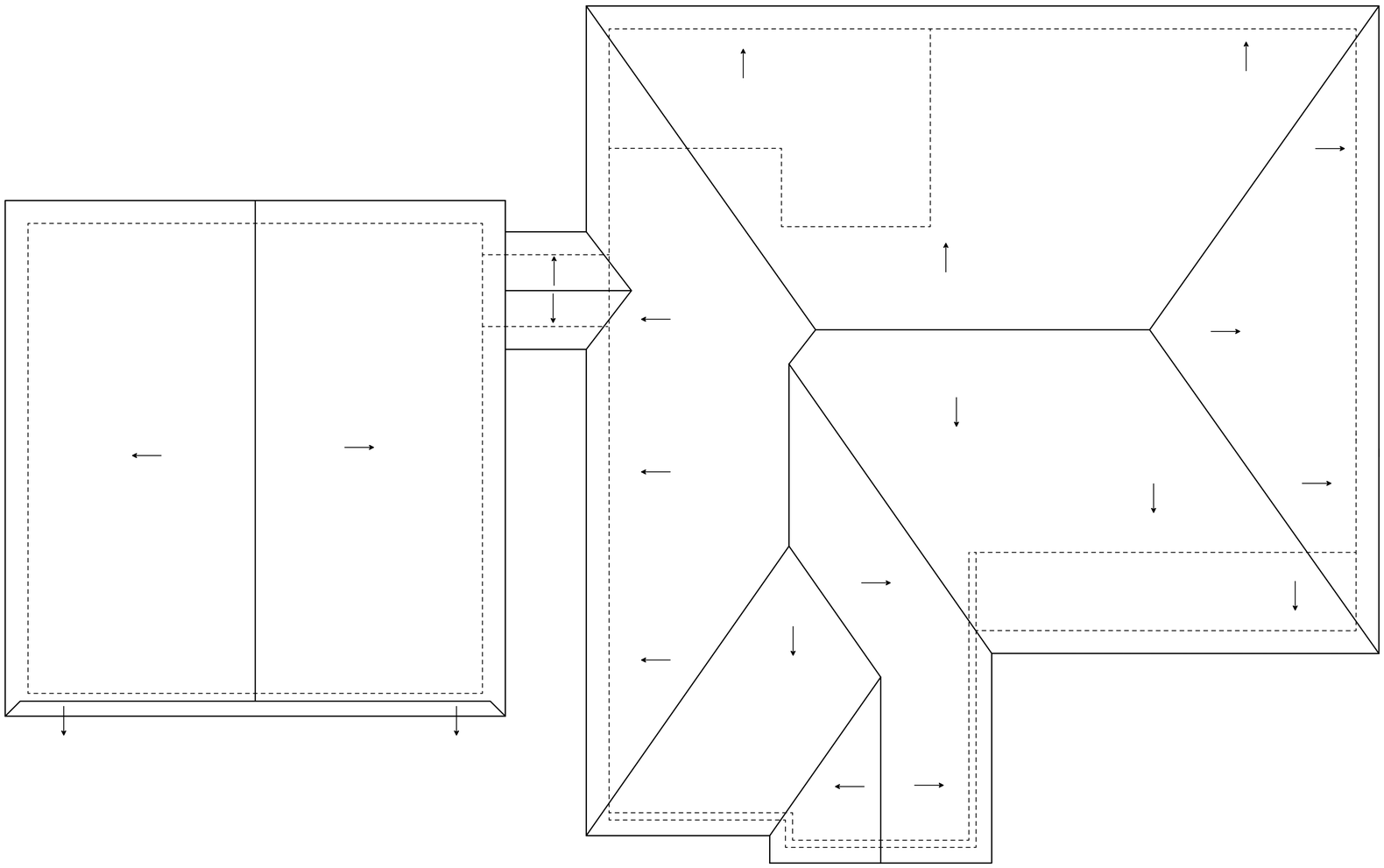
EMAIL: houseplans@designtechusa.com



ROOF PLAN
SCALE 1/4" = 1'-0"

## IRC REQUIREMENTS FOR ROOF ASSEMBLIES

R905.10 METAL ROOF PANELS. THE INSTALLATION OF METAL ROOF PANELS SHALL COMPLY WITH THE PROVISIONS OF THIS SECTION.

R905.10.1 DECK REQUIREMENTS. METAL ROOF PANEL ROOF COVERINGS SHALL BE APPLIED TO SOLID OR SPACED SHEATHING, EXCEPT WHERE THE ROOF COVERING IS SPECIFICALLY DESIGNED TO BE APPLIED TO SPACED SUPPORTS.

R905.10.2 SLOPE. MINIMUM SLOPES FOR METAL ROOF PANELS SHALL COMPLY WITH THE FOLLOWING.

1. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-SEAM METAL ROOFS WITHOUT APPLIED LAP SEALANT SHALL BE THREE UNITS VERTICAL IN 12 UNITS HORIZONAL (25-PERCENT SLOPE).

2. THE MINIMUM SLOPE FOR LAPPED, NONSOLDERED-SEAM METAL ROOFS WITH APPLIED LAP SEALANT SHALL BE ONE-HALF VERTICAL UNIT IN 12 UNITS HORIZONTAL (4-PERCENT SLOPE). LAP SEALANTS SHALL BE APPLIED IN ACCORDANCE WITH THE APPROVED MANUFACTURER'S INSTALLATION INSTRUCTIONS.

3. THE MINIMUM SLOPE FOR STANDING-SEAM ROOF SYSTEMS SHALL BE ONE-QUARTER UNIT VERTICAL IN 12 UNITS HORIZONTAL (2-PERCENT SLOPE).

R905.10.3 MATERIAL STANDARDS. METAL-SHEET ROOF COVERING SYSTEMS THAT INCORPORATE SUPPORTING STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORANCE WITH THE INTERNATIONAL BUILDING CODE. METAL-SHEET ROOF COVERINGS INSTALLED OVER STRUCTURAL DECKING SHALL COMPLY WITH TABLE R905.10.3(1). THE MATERIALS USED FOR METAL-SHEET ROOF COVERINGS SHALL BE NATURALLY CORROSION RESISTANT OR PROVIDED WITH CORROSION RESISTANCE IN ACCORDANCE WITH THE STANDARDS AND MINIMUM THICKNESSES SHOWN IN TABLE R905.10.3(2).

R905.10.4 ATTACHMENT. METAL ROOF PANELS SHALL BE SECURED TO THE SUPPORTS IN ACCORDANCE WITH THIS CHAPTER AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. IN THE ABSENCE OF MANUFACTURER'S INSTRUCTIONS, THE FOLLOWING FASTENERS SHALL BE USED:

1. GALVANIZED FASTENERS SHALL BE USED FOR STEEL ROOFS.

2. THREE HUNDRED SERIES STAINLESS STEEL FASTENERS SHALL BE USED FOR COPPER ROOFS.

3. STAINLESS STEEL FASTENERS ARE ACCEPTABLE FOR METAL ROOFS.

## ROOFING NOTES

| | |
|---|---|
| 1 | ALL ROOF SHEATHING SHALL BE 15/32" EXPOSURE 1, 24/0 APA RATED PANELS. FASTEN WITH 8dNAILS AT 6" O.C. AT ALL FRAMING MEMBERS. |
| 2 | METAL ROOF SHALL BE INSTALLED PER MANUF. SPECS. & RECOMENDATIONS. |
| 3 | LOCATE WATER HEATER IN ATTIC OVER A WALL OR WITHIN 12 INCHES OF A WALL. |
| 4 | ROOF BRACING<br>SUPPORT RAFTERS AS REQUIRED TO LIMIT SPANS PER NOTES ON DWG. A-0 WITH PURLINS OF EQUAL SIZE AS RAFTERS SUPPORT PURLINS WITH 2x BRACING AT 4FT MAX SPACING. NOT ALL PURLINS & BRACING SHOWN. |

# ROOF PLAN

PLANS FOR:
JEFF LAPORTE MECHANICAL CO.
LOT 5, PINEWOOD PARK
EAST, ST. TAMMANY PARISH, LA


**DesignTech**
**Residential Planners, Inc.**
**St. Tammany Parish, LA.**
COVINGTON 985-871-7211 SLIDELL 985-847-0600


DATE: 4-8-21

| CODE | LIVING | AREA U. B. | INDEX |
|---|---|---|---|
| A3 | 1815 | 3047 | 12471 |

| DESIGNED BY | FINISHED BY | CHECKED BY | REVISED |
|---|---|---|---|
| DMH | JMC | DMH | 4-23-21 |

A-3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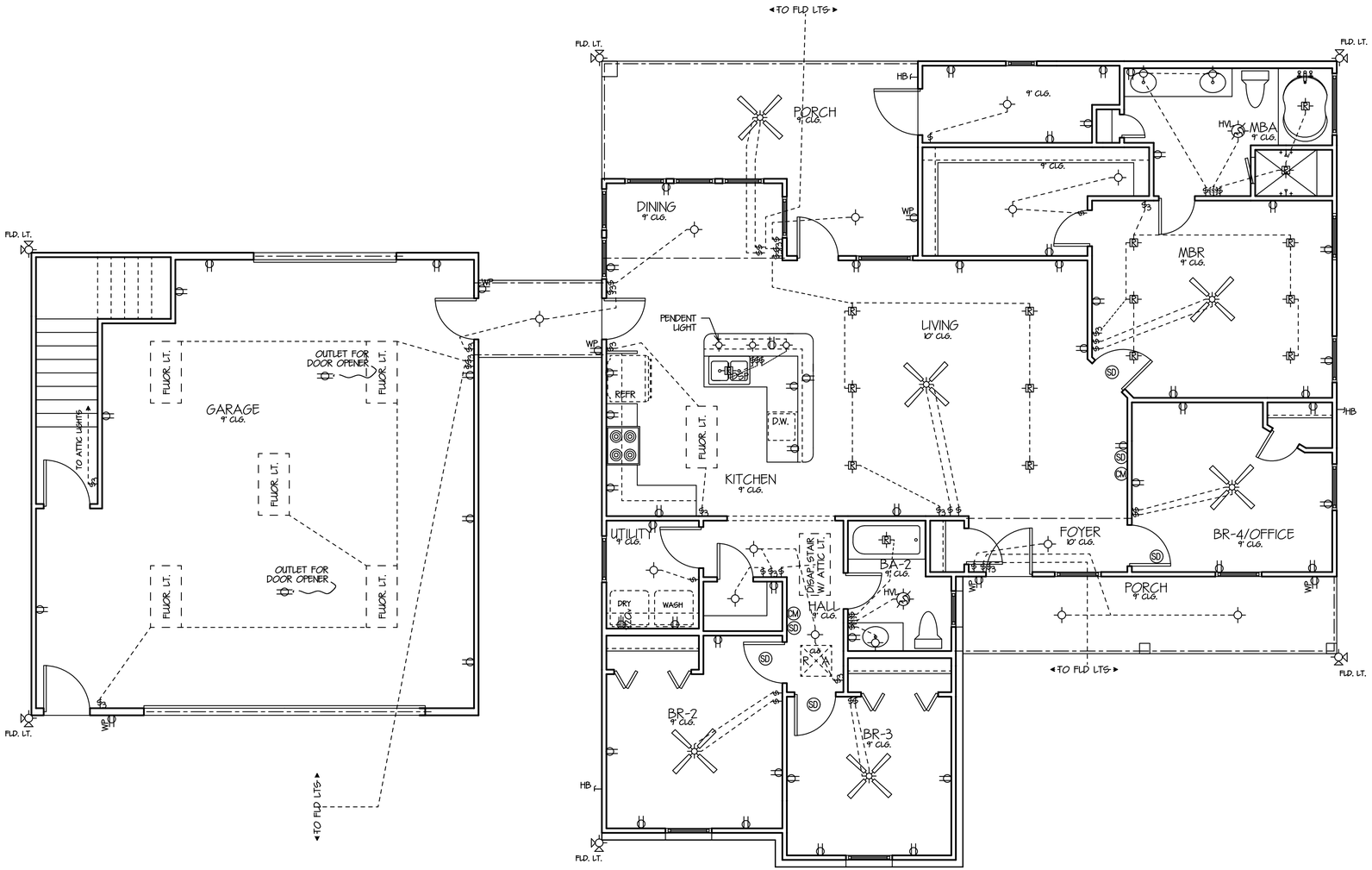


ELECTRICAL PLAN
SCALE 1/4"=1'-0"

## LIGHTING LEGEND

| | | | |
|---|---|---|---|
| | CEILING LIGHT | 220v | 220 V OUTLET |
| | RECESS CAN | SD | SMOKE DETECTOR |
| | FLOOD LIGHT | CM | CARBON MONOXIDE DETECTOR |
| | FAN WITH LIGHT KIT | HVL | HEATER/VENT/LIGHT |
| | | VL | VENT/LIGHT |
| FLUOR. LT. | FLUORESCENT LIGHT | | CAMERA |
| | OUTLET | WP | WATERPROOF OUTLET |

## ELECTRICAL NOTES

NEC210.52 EACH GARAGE SHALL HAVE A LEAST ONE RECEPTACLE OUTLET FOR EACH CAR SPACE AND THE CIRCUIT SHALL NOT SUPPLY ANY OUTLETS OUTSIDE OF THE GARAGE.

NEC210.8 GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL.

(A) DWELLING UNITS. ALL 125-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN (1) THROUGH (9) SHALL HAVE GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL.
(1) BATHROOMS
(2) GARAGES, AND ALSO ACCESSORY BUILDINGS THAT HAVE A FLOOR LOCATED AT OR BELOW GRADE LEVEL NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS, AND AREAS OF SIMILAR USE
(3) OUTDOORS
(4) CRAWL SPACES - AT OR BELOW GRADE LEVEL
(5) UNFINISHED BASEMENTS - FOR PURPOSES OF THIS SECTION, UNFINISHED BASEMENTS ARE DEFINED AS PORTIONS OR AREAS OF THE BASEMENT NOT INTENDED AS HABITABLE ROOMS AND LIMITED TO STORAGE AREAS, WORK AREAS AND THE LIKE
(6) KITCHENS - WHERE THE RECEPTACLES ARE INSTALLED TO SERVE THE COUNTERTOP SURFACES
(7) LAUNDRY, UTILITY, AND WET BAR SINKS - WHERE THE RECEPTACLES ARE INSTALLED WITHIN 6 FEET OF THE OUTSIDE EDGE OF THE SINK
(8) BOATHOUSES

NEC210.12 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION

(A) DEFINITION. ARC-FAULT CIRCUIT-INTERRUPTER. AN ARC-FAULT CIRCUIT INTERRUPTER IS A DEVICE INTENDED TO PROVIDE PROTECTION FROM THE EFFECTS OF ARC FAULTS BY RECOGNIZING CHARACTERISTICS UNIQUE TO ARCING AND BY FUNCTIONING TO DE-ENERGIZE THE CIRCUIT WHEN AN ARC FAULT IS DETECTED.
(B) DWELLING UNITS. ALL 120-VOLT, SINGLE PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.

EACH GARAGE SHALL HAVE AT LEAST ONE RECEPTACLE OUTLET FOR EACH CAR SPACE AND THE CURUIT SHALL NOT SUPPLY ANY OUTLET OUTSIDE OF THE GARAGE NEC 210.52.

NEC240.24 LOCATION IN OR ON PREMISES

(A) ACCESSIBILITY. OVERCURRENT DEVICES SHALL BE READILY ACCESSIBLE AND SHALL BE INSTALLED SO THAT THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF THE SWITCH OR CIRCUIT BREAKER, WHEN IN ITS HIGHEST POSITION, IS NOT MORE THAN 6 FEET 7 INCHES ABOVE THE FLOOR OR WORKING PLATFORM.
(B) OCCUPANCY. EACH OCCUPANT SHALL HAVE READY ACCESS TO ALL OVERCURRENT DEVICES PROTECTING THE CONDUCTORS SUPPLYING THAT OCCUPANCY.
(C) NOT EXPOSED TO PHYSICAL DAMAGE. OVERCURRENT DEVICES SHALL BE LOCATED WHERE THEY WILL NOT BE EXPOSED TO PHYSICAL DAMAGE.
(D) NOT IN VICINITY OF EASILY IGNITABLE MATERIAL. OVERCURRENT DEVICES SHALL NOT BE LOCATED IN THE VICINITY OF EASILY IGNITABLE MATERIAL, SUCH AS IN CLOTHES CLOSETS.
(E) NOT LOCATED IN BATHROOMS. IN DWELLING UNITS AND GUEST ROOMS OR GUEST SUITES OF HOTELS AND MOTELS, OVERCURRENT DEVICES, OTHER THAN SUPPLEMENTARY OVERCURRENT PROTECTION, SHALL NO BE LOCATED IN BATHROOMS.

NEC406.12: TAMPER PROOF RECEPTACLES SHALL BE INSTALLED IN ALL AREAS LESS THAN 66" ABOVE THE FLOOR.

IRC M 1305 APPLIANCE ACCESS REQUIREMENTS

1. MUST BE WITHIN 20 FEET OF ATTIC ACCESS
2. MINIMUM 24 INCH WIDE SOLID WALKING SURFACE WITH HEADROOM OF 30 INCHES IS TO BE PROVIDED
3. 30" X 30" SERVICE LOCATION IS REQUIRED AT UNIT
4. ATTIC LIGHTING REQUIRED - WITH LIGHT SWITCH AT ATTIC ENTRY

MECHANICAL VENTILATION TEST REQUIRED
IRC 2012 SECTION R303.4 REQUIRES A BLOWER DOOR TEST COMPLY WITH SECTION N 1102.4.1.2 FOR EACH DWELLING UNIT. A WRITTEN REPORT BY A THIRD PARTY INSPECTOR SHALL BE PROVIDED TO THE BUILDING INSPECTOR FOR APPROVAL.

*12 AWG WIRE IS THE SMALLEST WIRE ALLOWED IN AN ELECTRICAL CIRCUIT

IRC M 1503.4 MAKEUP AIR REQUIRED
EXHAUST HOOD SYSTEMS CAPABLE OF 400 CUBIC FEET PER MINUTE (0.19M 3/3) SHALL BE MECHANICAL OR NATURALLY PROVIDED WITH MAKEUP AIR AT A RATE APPROXIMATELY EQUAL TO THE EXHAUST AIR RATE. SUCH MAKEUP AIR SYSTEMS SHALL BE EQUIPPED WITH NOT LESS THAN ONE DAMPER. EACH DAMPER SHALL BE A GRAVITY DAMPER OR AUTOMATIC VALVE INSTALLED DAMPER THAT AUTMATICALLY OPENS WHEN THE EXHAUST SYSTEM OPERATES. DAMPER SHALL BE SIZED FOR MAXIMUM AIRFLOW SERVICE. REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION OR ANY OTHER DUCTS NOT CONNECTED TO THE DAMPER BEING INSPECTED, SERVICED, REPAIR, OR REPLACED.

# ELECTRICAL PLAN

PLANS FOR:
JEFF LAPORTE MECHANICAL CO.
LOT 5, PINEWOOD PARK
EAST, ST. TAMMANY PARISH, LA


**DesignTech**
**Residential Planners, Inc.**
St. Tammany Parish, LA.
COVINGTON 985-871-7211 SLIDELL 985-847-0600


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| DMH | JMC | DMH | 4-23-21 |

E-1


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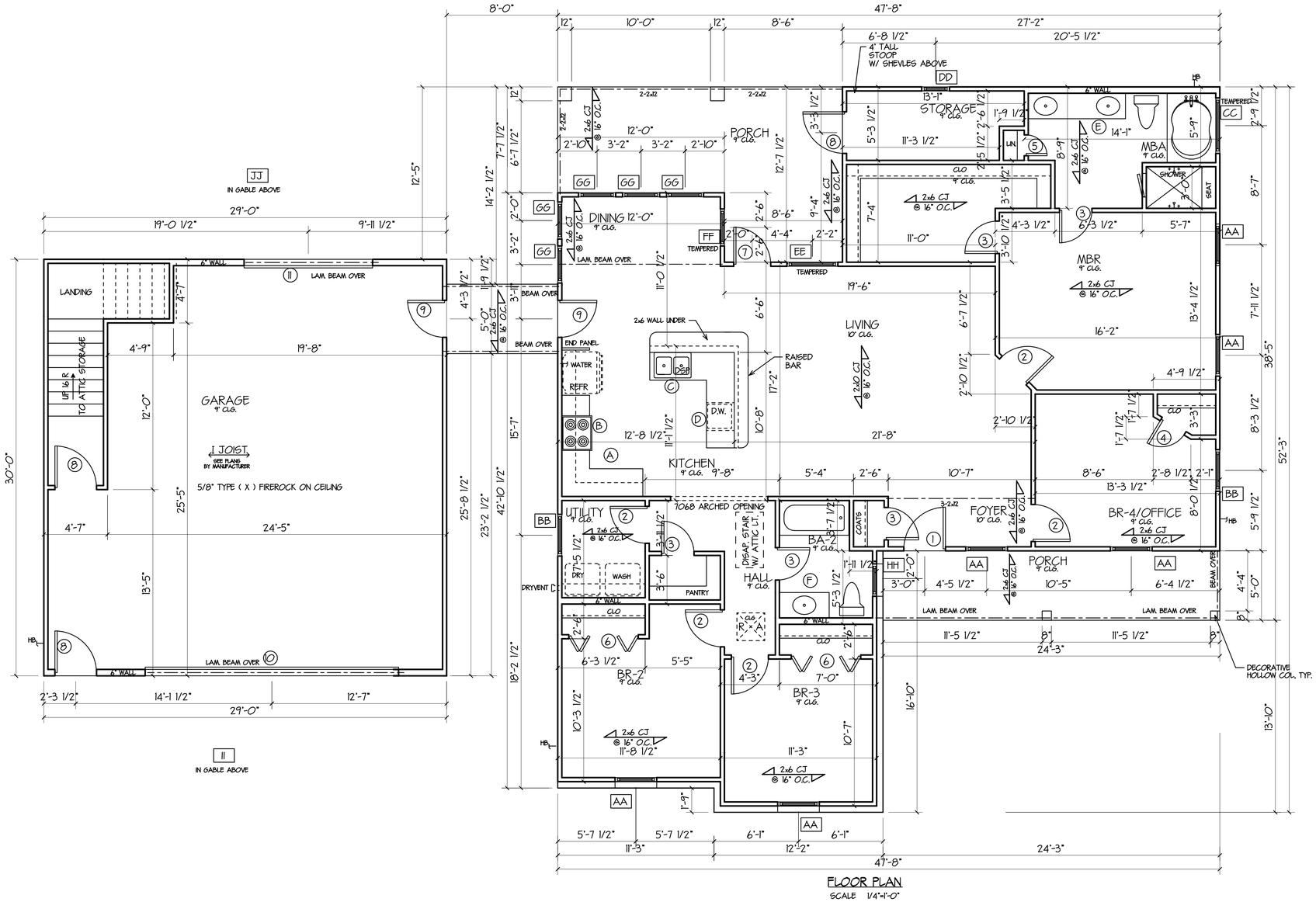
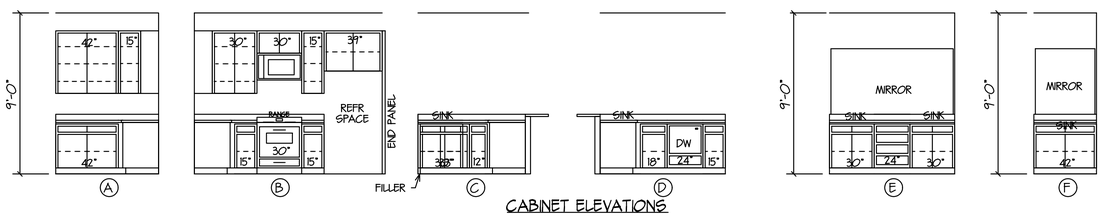



FLOOR PLAN
SCALE 1/4"=1'-0"




CABINET ELEVATIONS
SCALE 1/4" = 1'-0"

| AREA | |
|---|---|
| LIVING AREA | 1815 |
| PORCHES | 362 |
| DETACHED GARAGE | 870 |
| TOTAL AREA UNDER B'M | 3047 |

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IRC 2015
WFCM
80 MPH WIND SPEED
DESIGN MEETS THE PRESCRIPTIVE ENERGY CODE REQUIREMENTS
CLIMATE ZONE: 2
MANUAL J CALCULATIONS BY OTHERS

RESIDENCE IS NOT LOCATED IN A WINDBORNE DEBRIS PROTECTION REGION

THERMAL COMPONENT CRITERIA
(U-FACTOR AND R-VALUE)
(MAX. SHGC = .035 FOR GLAZING)

| MAXIMUM GLAZING (FENESTRATION) U-FACTOR .065 | MIN. INSULATION R-VALUE | | |
|---|---|---|---|
| | CLGS. | WALLS | FLOORS |
| | R-30 | R-13 | R-13 |

FURR OUT 2x RAFTERS AS REQUIRED FOR BATT INSULATION AT CATHEDRAL CEILINGS OR USE SPRAYED FOAM INSULATION IF ACCEPTABLE.

## NOTES

1. CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING THE ENERGY EFFICIENCY REQUIREMENTS OF THE BUILDING CODE (BASED ON IRC 2015 CLIMATE ZONE 2 - U-FACTOR=.065 MAX., SHGC=.040 MAX.)
2. CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF R613.3 (GARAGE DOOR SHALL BE RATED TO MEET WIND LIMITATIONS AS PER R 301.2.1)
3. PER R309.1 DOORS BETWEEN GARAGE & RESIDENCE SHALL BE 20-MINUTE FIRE RATED DOORS (INCLUDING ATTIC STAIRS). ALSO PER R302.5.1 SELF CLOSING.
4. SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R308.4 (EX. GLAZING WITHIN 24" OF DOORS & OVER TUBS)
5. PER R309.2 GARAGE SHALL BE SEPARATED FROM RESIDENCE BY NOT LESS THAN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF WALLS AND CEILING. GARAGES BENEATH HABITABLE ROOMS ABOVE SHALL BE SEPARATE BY NOT LESS THAN 5/8" TYPE X GYPSUM BOARD OR EQUIVALENT.
6. RAIL INDICATES GUARD RAIL AT PORCHES & GUARDRAIL WITH HANDRAIL AT STAIRS
7. OPENING IN THE RESIDENCE SHALL BE PROTECTED BY 20 MIN. RATED DOORS.
8. IF REQUIRED ATTIC ACESS (IRC-R807) IS LOCATED IN THE GARAGE, THE REQUIRED 1/2" GYPSUM WILL BE APPLIED TO CEILING AND DROP DOWN STAIR MUST BE 20 MIN. RATED.

PROTECTION OF APPLIANCE IN GARAGE IS REQUIRED.

## WINDOW SCHEDULE

| MARK | DESCRIPTION | HDR |
|---|---|---|
| AA | 3060 SH. | 7'-6" |
| BB | 3030 FIXED GLASS | 7'-6" |
| CC | 4040 FIXED TEMPERED GLASS | 7'-8" |
| DD | 2040 SH. | 7'-6" |
| EE | 3860 SH.-TEMPERED | 7'-6" |
| FF | 2860 SH.-TEMPERED | 7'-6" |
| GG | 2860 SH. | 7'-6" |
| HH | 2440 SH. | 7'-6" |
| II | 3040 FIXED GLASS | 8'-0" |
| JJ | 3050 SH. | 8'-0" |
| | | |

## DOOR SCHEDULE

| MARK | WIDTH | HEIGHT | THICK. | DESCRIPTION |
|---|---|---|---|---|
| 1 | 3'-0" | 8'-0" | 1 3/4" | SEE ELEVATION |
| 2 | 2'-8" | 6'-8" | 1 3/8" | RAISED PANEL INTERIOR |
| 3 | 2'-4" | 6'-8" | 1 3/8" | RAISED PANEL INTERIOR |
| 4 | 2'-0" | 6'-8" | 1 3/8" | RAISED PANEL INTERIOR |
| 5 | 1'-6" | 6'-8" | 1 3/8" | RAISED PANEL INTERIOR |
| 6 | 5'-0" | 6'-8" | 1 3/8" | BI-FOLD INTERIOR |
| 7 | 2'-8" | 8'-0" | 1 3/4" | 1 LT FRENCH EXTERIOR |
| 8 | 3'-0" | 6'-8" | 1 3/4" | RAISED PANEL EXTERIOR |
| 9 | 2'-8" | 6'-8" | 1 3/4" | RAISED PANEL EXTERIOR |
| 10 | 18'-0" | 8'-0" | ~~ | OH GARAGE 130 MPH RATED |
| 11 | 9'-0" | 8'-0" | ~~ | OH GARAGE 130 MPH RATED |
| | | | | |

# FLOOR PLAN

PLANS FOR:
JEFF LAPORTE MECHANICAL CO.
LOT 5, PINEWOOD PARK
EAST, ST. TAMMANY PARISH, LA

**DesignTech**
**Residential Planners, Inc.**
St. Tammany Parish, LA.
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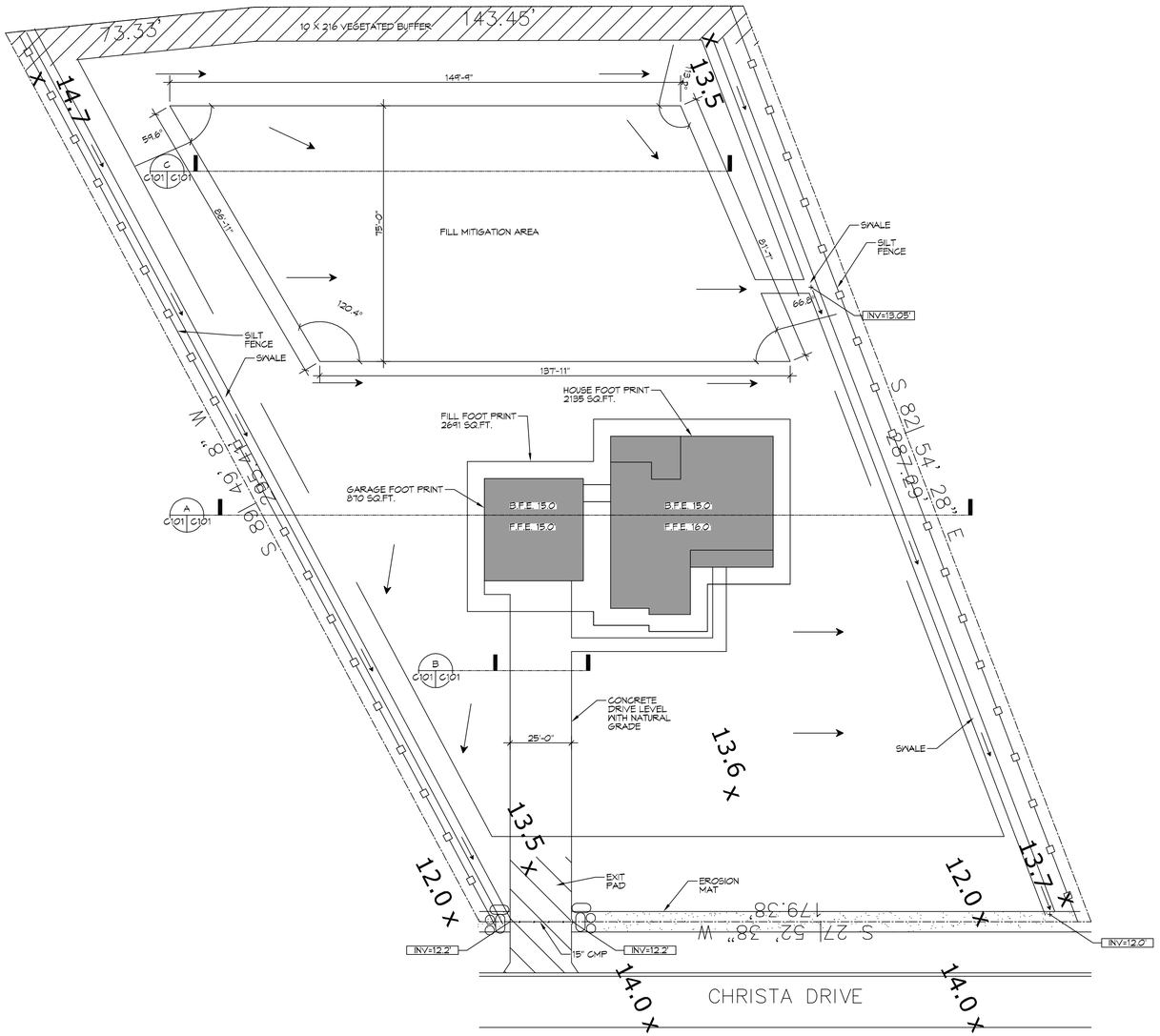
FILE NAME: J:\... Foundation w Structural Only\Jeff Laporte lot 5 pinewood Shell\Working drawings\C101 - Site Plan.dwg PLOT DATE & TIME: Wednesday, June 2, 2021 4:40:37 PM



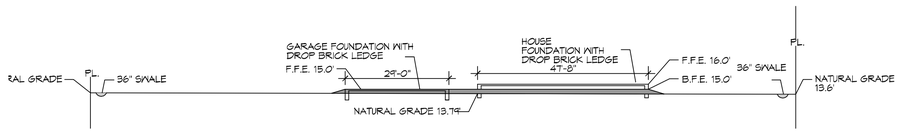

N

## MITIGATION PLAN
SCALE: 1" = 20'-0"

| CUT/FILL CALCS |
|---|
| FILL MITIGATION VOLUME :<br>Slab on Grade Foundation w/drop brick ledge for Residence with the natural grade @ 13.6' and BFE @ 15.0'<br>Two sections were taken of the foundation with the tapered slope away from foundation.<br>Section A.1 *(garage)* was measured at 35.9 s.f. and has a length of 35.0'. 35.9 s.f. x 35.0' = 1,256.5 cu ft<br>Section A.2 *(house)* was measured at 72.7 s.f. and has a length of 43.25'. 72.7 s.f. x 43.25' = 3,144.3 cu ft<br>Section B *(house)* was measured at 39.4 s.f. and its length of 13.8'. 39.4 s.f. x 13.8' = 543.7 cu ft<br>Total Mitigation volume is estimated at 4,944.5 cu ft<br><br>CUT MITIGATION VOLUME :<br>Cut the rear yard 6" in depth with dimensions shown. Neglecting the area of slope to obtain 6" depth the resultant area was measured at 10,026 s.f. x .5 ft depth = 5,013 cu ft. |
| CUT MITIGATION VOLUME TO BE REMOVED OFFSITE |

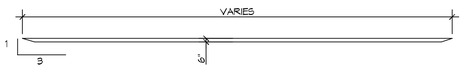
## STORMWATER CONTROL LEGEND

- SILT FENCE
- VEGETATED BUFFER
- EROSION MAT
- RIP RAP
- WATER FLOW
- EXIT PAD

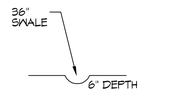



A C101 C101 — CROSS SECTION
SCALE: 1"=20'-0"

B C101 C101 — CROSS SECTION
SCALE: 1"=20'-0"




C C101 C101 — CROSS SECTION
SCALE: 1"=10'-0"




SWALE
SCALE: N.T.S.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

| # | DESCRIPTION | DATE |
|---|---|---|

SEAL:

STORMWATER SITE PLAN

JEFF LAPORTE

LOT 5 PINEWOOD PARK
CHRISTA DRIVE
SLIDELL, LA

JOB No: 2021 | DATE: 06-02-2021
DRAWN BY: CKD | CHECKED BY: BAM

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SHEET TITLE:
MITIGATION PLAN

DRAWING NUMBER:
C101

SHEET No: 1 of 1