

Tobacco Road Lot 120

HICKORY II

GENERAL NOTES:

SITE CONSTRUCTION:

- 1) SOIL BEARING CALCULATIONS BASED ON 2000 PSF MIN. REFER TO THE FOUNDATION/FOOTING SCHEDULE.
- 2) BACK FILL SHALL BE FREE FROM VEGETATION AND CONSTRUCTION DEBRIS.
- 3) BACK FILL SHALL BE PLACED IN LIFTS AND COMPACTED IN SUCH A MANNER AS TO NOT DAMAGE THE FOUNDATION WALLS OR ANY WATERPROOFING/ DAMP PROOFING MATERIALS.

FRAMING:

- 1) ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD. ALL STUDS ARE 3 1/2" UNLESS NOTED. ALL DIMENSIONS PRESENTED HERE ARE FRAME DIMENSIONS ONLY.
- 2) PROVIDE 1x BLOCKING UNDER ALL EXTERIOR SLIDING DOORS.
- 3) JOIST HANGERS, WHERE REQUIRED, SHALL BE USED WITHOUT ANGLES.
- 4) INSTALL FIRE STOPPING AND/ OR DRAFT STOPPING AS REQUIRED.
- 5) PROVIDE CUTTING, NOTCHING, NAILING REQUIREMENTS PER 2009-IRC SECTIONS R502.8 R602, R802.7.

THERMAL & MOISTURE PROTECTION:

- 1) INSTALL FIRE STOPPING AND/ OR DRAFT STOPPING AS REQUIRED.
- 2) ATTIC VENTILATION SHALL BE PROVIDED AT 1/150th OF THE AREA OF THE SPACE VENTILATED. CROSS VENTILATION WITH HALF OF THE VENTILATED AREA SHALL BE PROVIDED BY RIDGE OR GABLE VENTS AND THE OTHER HALF BY EAVE OR CORNICE VENTS. VENTS SHALL BE PLACED SO AS TO NOT ALLOW INFILTRATION OF RAIN OR SNOW.
- 3) PROVIDE APPROVED TILE BACKER BOARD FOR ALL SHOWER AND BATH SPACE.
- 4) PROVIDE ICE-SHIELD PER CODE.
- 5) ROOF VENTING TO BE PROVIDED AS SHOWN. SOFFIT, RIDGE, AND OTHER ROOF VENTS TO BE INSTALLED AS NOTED ON THE DRAWINGS & AS PER MANUFACTURERS RECOMMENDATIONS.

DOORS & WINDOW:

- 1) WINDOW CALL OUT PER PLAN. VERIFY WINDOW MANUFACTURER WITH PROJECT MANAGER.
- 2) REVIEW ALL WINDOW HEADER HEIGHTS PER PLATE HT. AND VERIFY W/ ELEVATIONS AND CORNICE DETAILS.
- 3) TEMPERED GLASS SHALL BE USED IN ALL HAZARDOUS AREAS.
- 4) FRONT DOOR WIDTH AS REQUIRED BY CODE.
- 5) GARAGE DOOR AS REQUIRED BY CODE.
- 6) EMERGENCY - SLEEPING ROOMS SHALL HAVE AT LEAST ONE EGRESS OPENING OF NOT LESS THAN 5.7 SF AND A CLEAR OPENING OF NOT LESS THAN 20" WIDE X 24" HIGH AND SHALL NOT BE MORE THAN 44" ABOVE THE FLOOR.

INSULATION:

EXTERIOR WALLS ZONE 3:
R-13 BATTS MINIMUM. VERIFY

CEILING WITH ATTIC ABOVE COMPRESSED INSULATION:
R-38 BATTS MINIMUM. VERIFY

CEILING WITH ATTIC ABOVE UNCOMPRESSED INSULATION (HEELS IN TRUSSES):
R-30 BATTS MINIMUM. VERIFY

FLOOR OVER GARAGE:
R-19 BATTS MINIMUM. VERIFY

ATTIC KNEEWALL:
R-19 BATTS MINIMUM. VERIFY

BUILDING CODE ANALYSIS

APPLICABLE CODES

2018 NCRC/ 2018 IBC

USER GROUP:

SINGLE FAMILY

CONSTRUCTION CLASS:

UNPROTECTED

HEIGHT LIMITATION:

N/A

EMERGENCY ESCAPE:

EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOM SHALL HAVE A MINIMUM OF 5.7 SQ. FT.

GARAGE / HOUSE CEILING/

1/2" GYPSUM BD. WALL & 5/8"TYPE "X" GYPSUM BD. CEILING W/ 20 MINUTE GARAGE/HOUSE DOOR

HOUSE ASSEMBLY:

DESIGN LOAD:

LIVE LOAD:
SLEEPING = 30 PSF
NON-SLEEPING = 40 PSF
DECKS = 40 PSF
DEAD LOAD = 10 PSF
BASIC WIND SPEED = 115 MPH
EXPOSURE B (CHARLOTTE)
STAIR LOAD = 40 PSF
ROOF LIVE LOAD = 20 PSF
LATERAL SOIL PRESSURE = 30 PCF (ASSUMED)

NOTE: VERIFY ALL APPLICABLE BUILDING CODES WITH STATE AND LOCAL JURISDICTION PRIOR TO CONSTRUCTION

- 1) THE ATTACHED PLANS & SPECIFICATIONS ARE THE SOLE PROPERTY OF DAVIDSON HOMES. ANY UNAUTHORIZED USE OF THESE PLANS WITHOUT PRIOR WRITTEN CONSENT OF DAVIDSON HOMES IS STRICTLY PROHIBITED.
- 2) MAIN STREET DESIGNS OF GEORGIA, LLC DESIGNS HOUSING AS SET FORTH BY THE FORMAT AND PROVISIONS OF THE INTERNATIONAL RESIDENTIAL CODE (IRC), AND THE NATIONAL ELECTRIC CODE (NEC).
- 3) THESE PLANS ARE SUBJECT TO MODIFICATIONS TO MEET CODE REQUIREMENTS AND/OR TO FACILITATE MECHANICAL/ ELECTRICAL/ PLUMBING INSTALLATION AND/ OR TO IMPLEMENT DESIGN IMPROVEMENTS.
- 4) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AFFECTING CONTRACTOR'S PRODUCTS, INSTALLATIONS, OR FABRICATIONS IN THE FIELD PRIOR TO EXPEDITING THE CONSTRUCTION OF SUCH WORK. FIELD VERIFY ALL DIMENSIONS - DO NOT SCALE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE PROJECT AND BECOMING FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK INCLUDING BUT NOT LIMITED TO SITE AND SOIL BEARING CONDITIONS.
- 5) ERRORS AND OMISSIONS WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF MAIN STREET DESIGNS OF GEORGIA, LLC IN WRITING, AND WRITTEN INSTRUCTION SHALL BE OBTAINED PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ERRORS, DISCREPANCIES, OR OMISSIONS FOR WHICH THE CONTRACTOR FAILED TO NOTIFY MAIN STREET DESIGNS OF GEORGIA, LLC PRIOR TO CONSTRUCTION AND/ OR FABRICATION OF THE WORK.
- 6) FLAME SPREAD AND SMOKE DENSITY NOTES:

WALLS AND CEILING:

WALL AND CEILING FINISHES SHALL HAVE A FLAME - SPREAD CLASSIFICATION OF NOT GREATER THAN 200. WALL AND CEILING FINISHES SHALL HAVE A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450.

INSULATION:

IF BATT OR BLANKET INSULATION, INCLUDING FACINGS SUCH AS VAPOR RETARDERS OR OTHER VAPOR PERMEABLE MEMBRANES ARE LEFT EXPOSED (IN AREAS LIKE UNFINISHED BASEMENTS), THE MATERIAL SHALL HAVE A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPMENT RATING OF 450 OR LESS. FLAME-SPREAD AND SMOKE-DEVELOPMENT LIMITATIONS DO NOT APPLY TO FACINGS THAT IS INSTALLED IN SUBSTANTIAL CONTACT WITH THE UNEXPOSED SURFACE OF THE CEILING, FLOOR, OR WALL FINISH.

EXCEPT WHERE OTHERWISE NOTED IN SECTION R314.2, ALL FOAM PLASTIC OR FOAM PLASTIC CORES IN MANUFACTURED ASSEMBLIES USED IN BUILDING CONSTRUCTION SHALL HAVE A FLAME-SPREAD RATING OF NOT MORE THAN 75 AND SHALL HAVE A SMOKE-DEVELOPMENT RATING OF NOT MORE THAN 450 WHEN TESTED IN THE MAXIMUM THICKNESS INTENDED FOR USE IN ACCORDANCE WITH ASTM E 84.

R314.1.2 THERMAL BARRIER. FOAM PLASTIC, EXCEPT WHERE OTHERWISE NOTED, SHALL BE SEPARATED FROM THE INTERIOR OF A BUILDING BY MINIMUM 1/2-INCH (12.7 MM) GYPSUM BOARD OR AN APPROVED FINISH MATERIAL EQUIVALENT TO A THERMAL BARRIER TO LIMIT THE AVERAGE TEMPERATURE RISE OF THE UNEXPOSED SURFACE TO NO MORE THAN 250°F (121°C) AFTER 15 MINUTES OF FIRE EXPOSURE TO THE ASTM E 119 STANDARD TIME TEMPERATURE CURVE. THE GYPSUM BOARD SHALL BE INSTALLED USING A MECHANICAL FASTENING SYSTEM IN ACCORDANCE WITH SECTION R702.3.5. RELIANCE ON ADHESIVES TO ENSURE THAT THE GYPSUM BOARD WILL REMAIN IN PLACE WHEN EXPOSED TO FIRE SHALL BE PROHIBITED.

| CRAWL VENTING | | |
|---|----------------------------------|------------------------|
| 1277 | SQ FT OF FOUNDATION TO BE VENTED | |
| 150 | SQ FT / 1 SQ FT = | 8.51 SQ FT VENTILATION |
| VENTS 128 SQ IN = (0.8889 SQ FT) | | |
| CRAWL VENT | | |
| 8.513 | SQ FT = | 30.6 VENTS REQUIRED |
| 0.2778 | SQ FT | |
| ACTUAL CRAWL VENTS PROVIDED 31 | | |
| NOTE: WHERE AN APPROVED VAPER BARRIER IS INSTALLED OVER GROUND SURFACE THE REQUIRED VENTILATION MAY BE REDUCED BY 50% | | |

4' GARAGE
EXTENSION
OPTION



ELEVATION - B

DOOR STYLE PER
PURCHASE ORDER
SIZE 3/0 x 8/0

INCLUDED OPTIONS:

1st FLOOR
SCREENED PORCH
GOURMET KITCHEN
FIREPLACE W/ BUILT-INS
FIXED WINDOWS @ FAMILY ROOM
FLOOR RECEPTACLE @ FAMILY ROOM
OPEN RAIL
GUEST SUITE ILO STUDY
GUEST SHOWER ILO TUB
BENCH @ MUD ROOM
TRANSOM @ MUD ROOM
GARAGE SERVICE DOOR
4' GARAGE EXTENSION

2nd FLOOR
TRAY CEILING @ OWNERS
FIXED WINDOWS @ OWNERS
OWNERS SPA SHOWER
2ND SINK @ BATH 2

| BASE HOUSE SQUARE FOOTAGE CALCULATIONS | | | | | | TOTAL UNDER ROOF |
|--|------------|------------|------------|-------------|----------|------------------|
| ELEVATIONS | 1st FLOOR | 2nd FLOOR | TOTAL FIN. | FRONT PORCH | GARAGE | |
| ELEV. B | 1,277 s.f. | 1,458 s.f. | 2,735 s.f. | 165 s.f. | 437 s.f. | 3,337 s.f. |
| OPTIONS SQUARE FOOTAGE CALCULATIONS | | | | | | |
| OPTIONS: | 1st FLOOR | | | | | |
| GARAGE EXTENSION | +84 s.f. | | | | | |
| SCREENED PORCH | +115 s.f. | | | | | |

| REVISION | NUMBER | DESCRIPTION |
|------------|----------------|----------------------------|
| 2-26-2020 | PROTOTYPE | REVISIONS |
| 3-13-2020 | ADDED | BASEMENT FOUNDATION |
| 7/1/2020 | UPDATED | SHOWER OPTIONS |
| 10/12/2020 | ELECTRICAL | GARAGE LIGHT ELEV. B |
| 10/23/2020 | ADDED | CAR SVR. DR. TO 3RD CAR |
| 3/29/2021 | REVISIONS | TO WH & GARAGE DOORS |
| 12/11/2024 | CORRECTED | GARAGE EXT. LIGHT LOCATION |
| | BSMENT. SLAB @ | SCRND & COV. PORCH |
| | CHANGED TO | 3' X 3' |

MAIN STREET
Designs

Main Street Designs of Georgia, LLC
www.MainStreetDesignsLLC.com
3050 Royal Blvd. South, Suite 135
Alpharetta, GA 30022
O. (404) 996-5722

DAVIDSON
HOMES
Your Community Builder

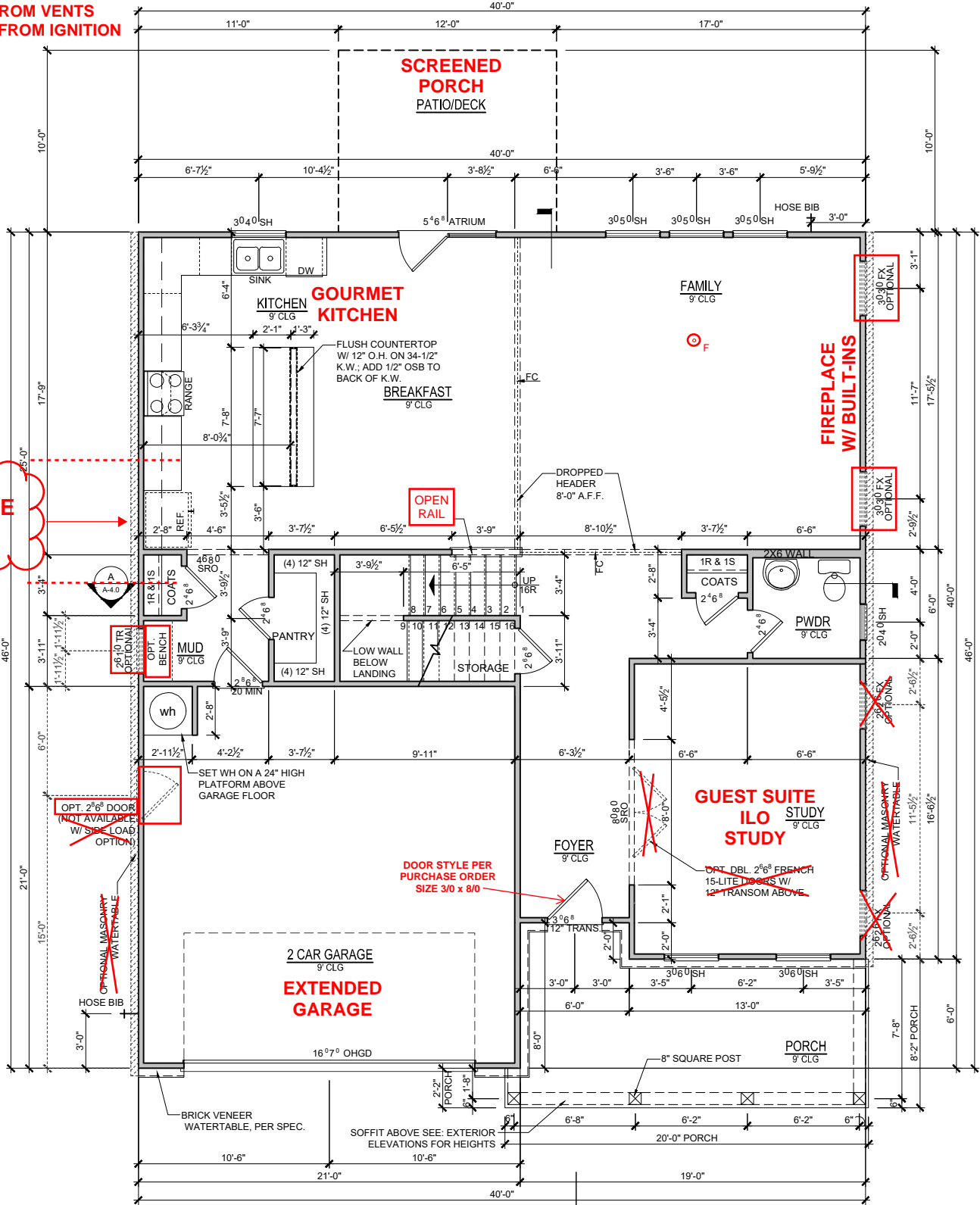
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|--------------|------------|----------------|-------------|--------------------|--|
| RELEASE DATE | 12-11-2024 | PROJECT NUMBER | --- | OPTION NO. | |
| MODEL | HICKORY II | DRAWING TITLE | COVER SHEET | OPTION DESCRIPTION | |

SHEET NO.

CS-1.0

Tobacco Road Lot 120

NOTE; PROPANE TANK
TO BE SET
5' FROM VENTS
10' FROM IGNITION



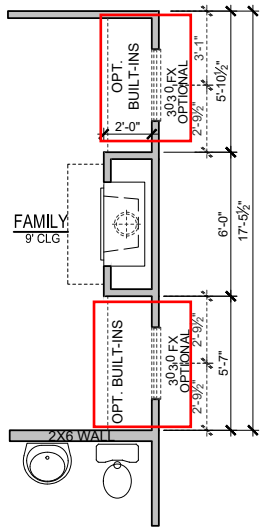
NOTE:
EXACT LOCATION OF
FLOOR RECEPTACLE
@ FAMILY ROOM TO BE
DETERMINED AT
PRE-CON MEETING

SEE PAGE A-1.1B FOR
OPTIONS:
SCREENED PORCH
4' GARAGE EXTENSION
GOURMET KITCHEN
FIREPLACE W/ BUILT-INS
GUEST BEDROOM ILO STUDY
&
BENCH DETAIL

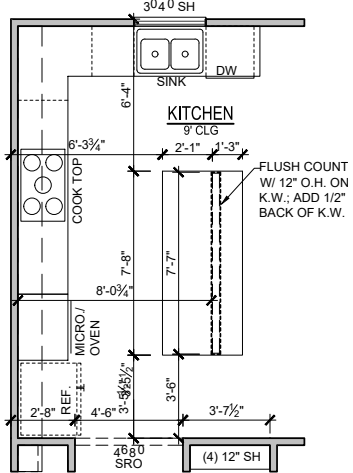
ELEVATION - B
1st FLOOR PLAN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

| | | |
|---|--------------------|-------------------------------------|
| REVISION NUMBER | 2-26-2020 | PROTOTYPE REVISIONS |
| | 3-13-2020 | ADDED BASEMENT FOUNDATION |
| | 7/17/2020 | UPDATED SHOWER OPTIONS |
| | 10/12/2020 | ELECTRICAL GARAGE LIGHT ELEV. B |
| | 10/23/2020 | ADDED CAR SVR DR TO 3RD CAR |
| REVISION NUMBER | 3/29/2021 | REVISIONS TO WH & GARAGE DOORS |
| | 12/11/2024 | CORRECTED GARAGE EXT LIGHT LOCATION |
| | | BSMENT. SLAB @ SCRDND & COV. PORCH |
| | | CHANGED TO 3'X3' |
| | | |
| <div>MAIN STREET DESIGN</div> <div>www.MainStreetDesignsLLC.com 3050 Royal Blvd South, Suite 135 Alpharetta, GA 30022 O. (404) 996-5722</div> | | |
| <div>DAVIDSON HOMES</div> <div>Your Community Builder</div> | | |
| MODEL | HICKORY II | |
| | 12-11-2024 | |
| DRAWING TITLE | FIRST FLOOR PLAN | |
| | OPTION DESCRIPTION | |
| ELEVATION - B | | |
| SHEET NO. A-1.0B | | |

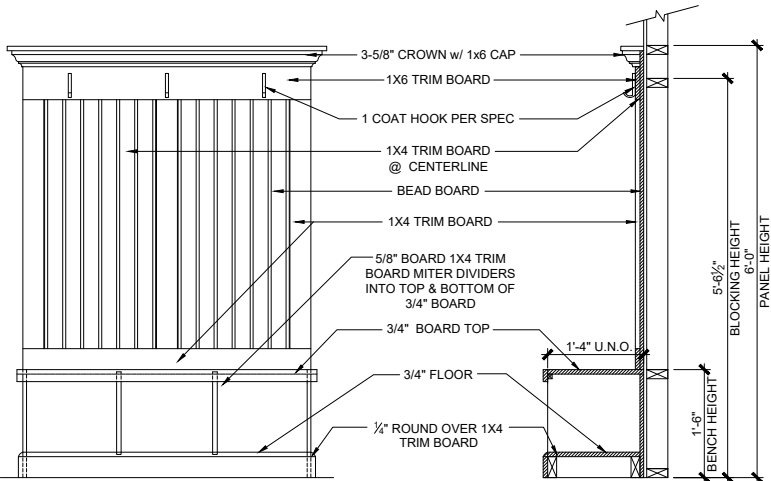
Tobacco Road Lot 120



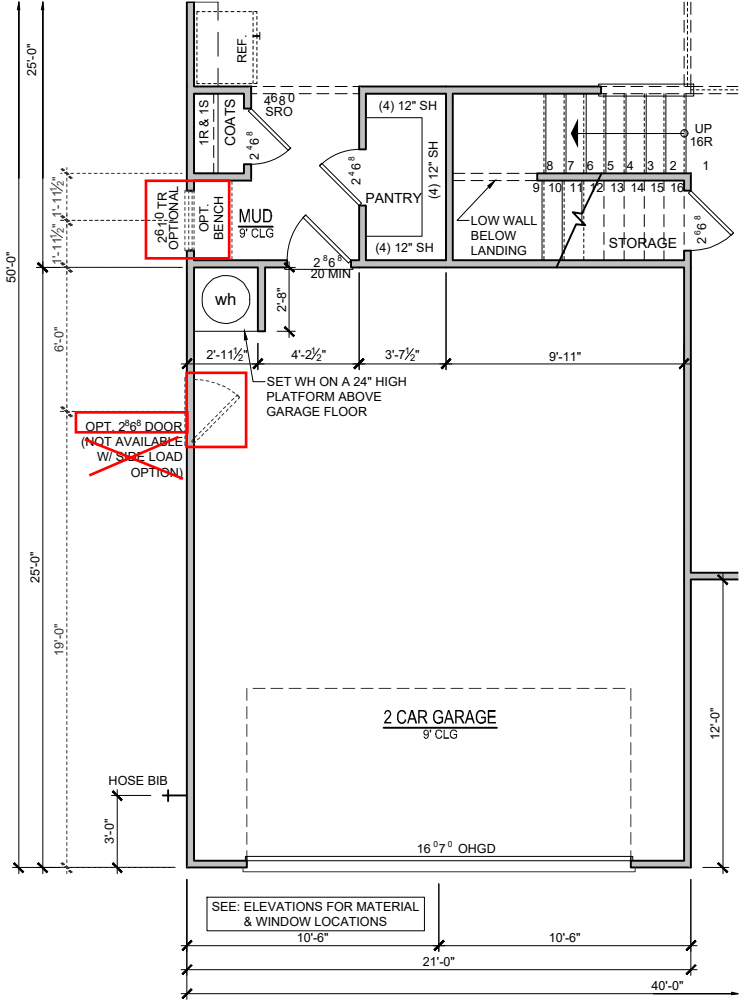
1st FLOOR PLAN
OPT. FIREPLACE- 'B'
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



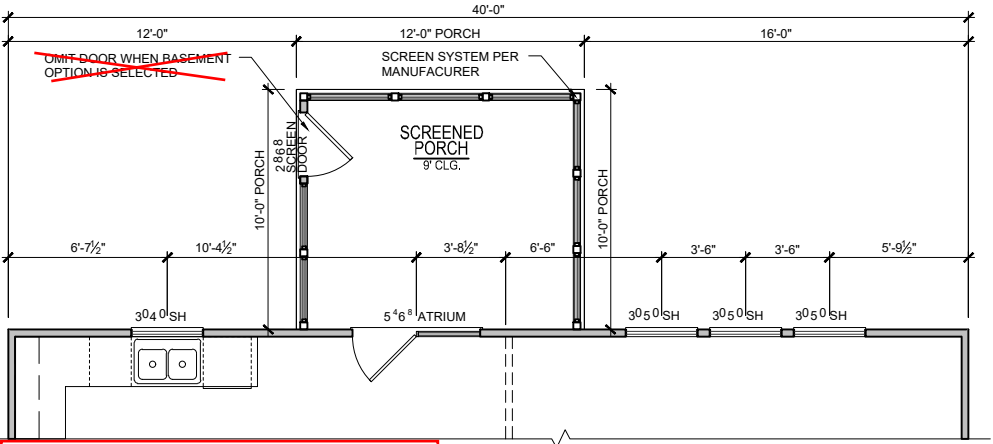
GOURMET KITCHEN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



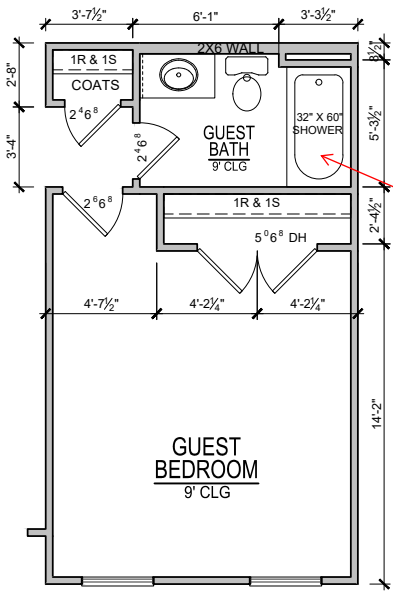
OPT. BENCH DETAIL
SCALE: 3/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 3/4"=1'-0" (22"x34" SHEET SIZE)



1st FLOOR PLAN
OPT. EXTENDED GARAGE
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



1st FLOOR PLAN
OPT. SCREENED PORCH
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



GUEST BEDROOM
I/O STUDY
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

FG SHOWER PAN
W/CEILING HEIGHT
WALL TILE
ilo TUB/SHOWER

REVISION NUMBER
2-26-2020
3-13-2020
7/17/2020
10/12/2020
10/23/2020
3/29/2021
12/11/2021

PROTOTYPE REVISIONS
ADDED BASEMENT FOUNDATION
UPDATED SHOWER OPTIONS
ELECTRICAL GARAGE LIGHT ELEV. B
ADDED CAR SVR. DR. TO 3RD CAR
REVISIONS TO WH & GARAGE DOORS
CORRECTED GARAGE EXT. LIGHT LOCATION
BSMENT. SLAB @ SCRDND & COV. PORCH
CHANGED TO 3'X3'

MAIN STREET DESIGN

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MODEL
HICKORY II

DRAWING TITLE
FIRST FLOOR OPTIONS

OPTION DESCRIPTION
ELEVATION - B

RELEASE DATE
12-11-2024

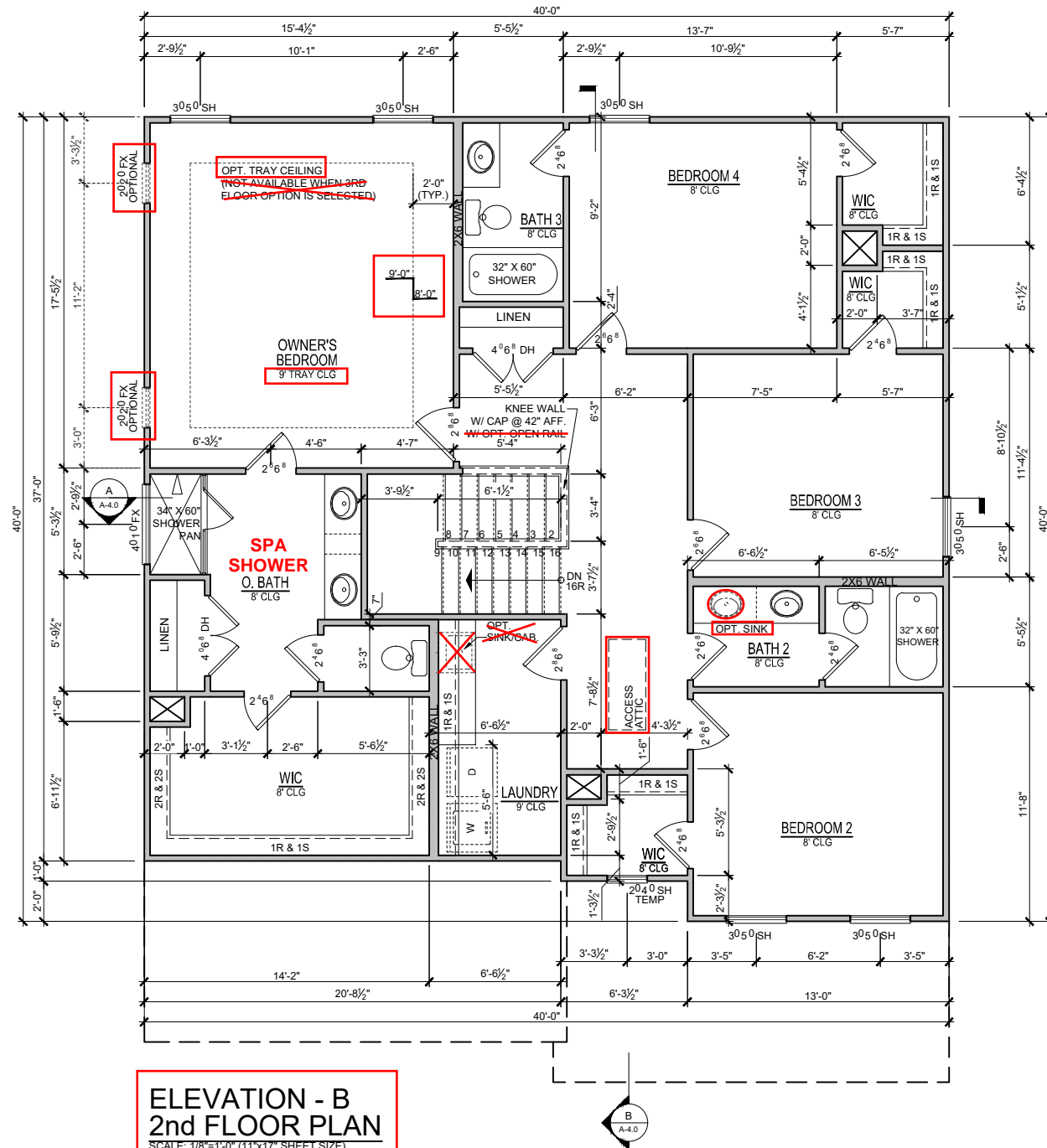
PROJECT NUMBER

OPTION NO.

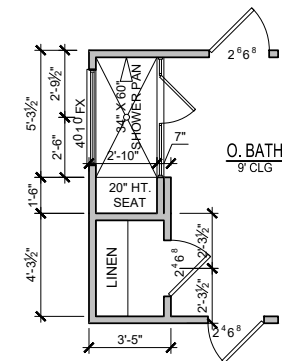
1/8"=1'-0"

SHEET NO.
A-1.1B

Tobacco Road Lot 120

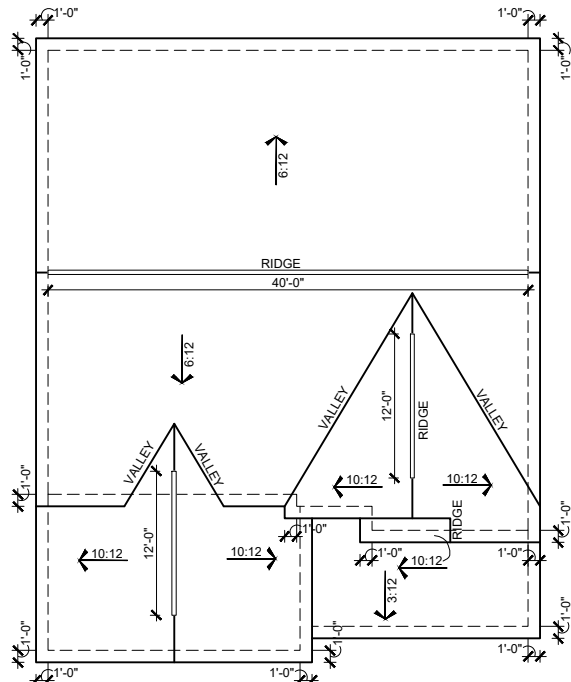


ELEVATION - B
2nd FLOOR PLAN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

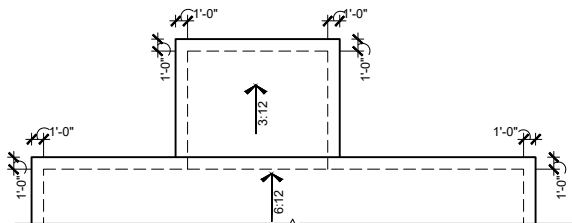


OPT. SPA SHOWER
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

| SHEET NO. | | A-2.0B | | | | | | | | | | | | | | | | | |
|--|---|--------------------------------------|--|-----------------|--|-----------|---------------------|-----------|---------------------------|-----------|------------------------|------------|---------------------------------|------------|-----------------------------|-----------|--------------------------------|------------|---|
| MODEL | | HICKORY II | | | | | | | | | | | | | | | | | |
| DRAWING TITLE | | SECOND FLOOR PLAN | | | | | | | | | | | | | | | | | |
| OPTION DESCRIPTION | | ELEVATION - B | | | | | | | | | | | | | | | | | |
| RELEASE DATE | | 12-11-2024 | | | | | | | | | | | | | | | | | |
| PROJECT NUMBER | | ----- | | | | | | | | | | | | | | | | | |
| OPTION NO. | | ----- | | | | | | | | | | | | | | | | | |
| | | 1 / 8 ³ | | | | | | | | | | | | | | | | | |
| | | 0 ³ - 1' - 0 ³ | | | | | | | | | | | | | | | | | |
| <div><div><p>DAVIDSON HOMES Your Community Builder</p></div><div><p>MAIN STREET <i>Design LLC</i></p><p>Main Street Designs of Georgia, LLC www.MainStreetDesignsLLC.com 3050 Royal Blvd. South, Suite 135 Alpharetta, GA 30022 O. (404) 996-5722</p></div></div> | | | | | | | | | | | | | | | | | | | |
| <table><tr><th colspan="2">REVISION NUMBER</th></tr><tr><td>2-26-2020</td><td>PROTOTYPE REVISIONS</td></tr><tr><td>3-13-2020</td><td>ADDED BASEMENT FOUNDATION</td></tr><tr><td>7/17/2020</td><td>UPDATED SHOWER OPTIONS</td></tr><tr><td>10/12/2020</td><td>ELECTRICAL GARAGE LIGHT ELEV. B</td></tr><tr><td>10/23/2020</td><td>ADDED GAR SVR DR TO 3RD CAR</td></tr><tr><td>3/29/2021</td><td>REVISIONS TO WH & GARAGE DOORS</td></tr><tr><td>12/11/2024</td><td>CORRECTED GARAGE EXT LIGHT LOCATION ASSEMBLY SLAB @ SCORN'D & COV. PORCH CHANGED TO 3'X3'</td></tr></table> | | | | REVISION NUMBER | | 2-26-2020 | PROTOTYPE REVISIONS | 3-13-2020 | ADDED BASEMENT FOUNDATION | 7/17/2020 | UPDATED SHOWER OPTIONS | 10/12/2020 | ELECTRICAL GARAGE LIGHT ELEV. B | 10/23/2020 | ADDED GAR SVR DR TO 3RD CAR | 3/29/2021 | REVISIONS TO WH & GARAGE DOORS | 12/11/2024 | CORRECTED GARAGE EXT LIGHT LOCATION ASSEMBLY SLAB @ SCORN'D & COV. PORCH CHANGED TO 3'X3' |
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| 3-13-2020 | ADDED BASEMENT FOUNDATION | | | | | | | | | | | | | | | | | | |
| 7/17/2020 | UPDATED SHOWER OPTIONS | | | | | | | | | | | | | | | | | | |
| 10/12/2020 | ELECTRICAL GARAGE LIGHT ELEV. B | | | | | | | | | | | | | | | | | | |
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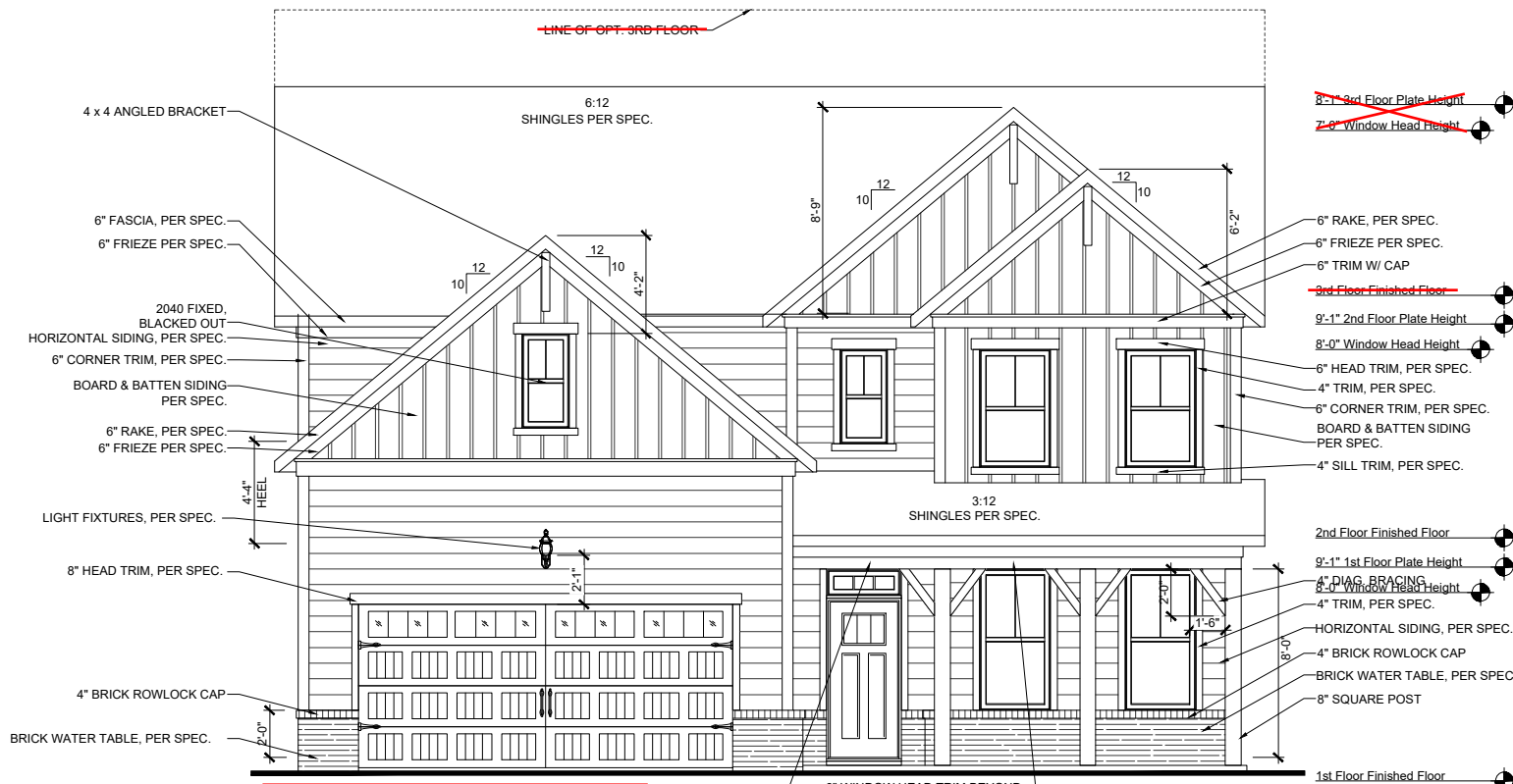
**EXTENDED GARAGE
ELEVATION -B- ROOF PLAN**
SCALE: 1/16"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/8"=1'-0" (22"x34" SHEET SIZE)



**SCREENED PORCH
ROOF PLAN**
SCALE: 1/16"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/8"=1'-0" (22"x34" SHEET SIZE)

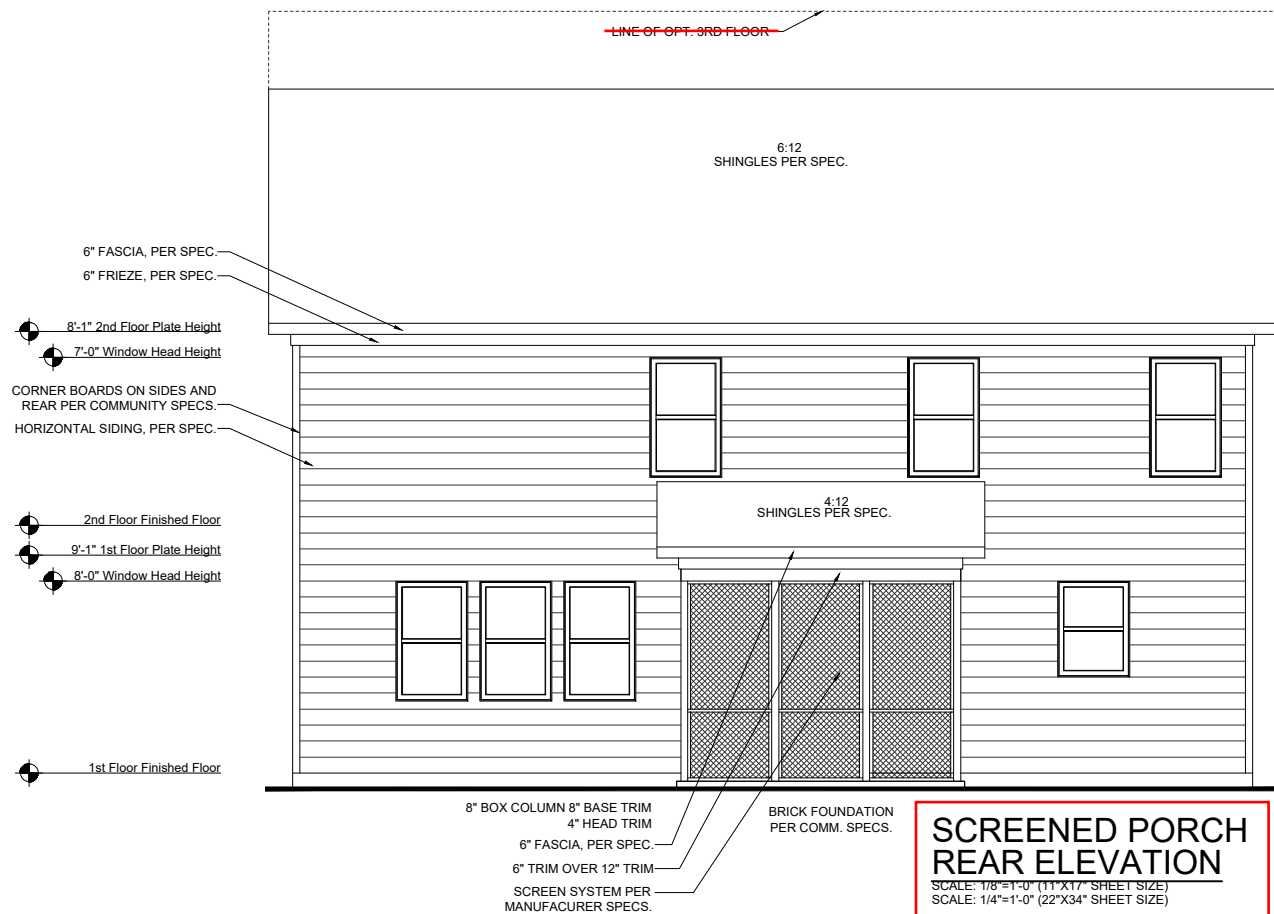
| ATTIC VENT CALCULATIONS | | | |
|--|-----------------------|--------------------------|--|
| MAIN ROOF | | | |
| 1525 SQ FT UNDER ROOF ATTIC | | | |
| 300 SQ FT / 1 SQ FT = 5.08 SQ FT VENTILATION | | | |
| RIDGE VENTS 18 SQ IN = (.125 SQ FT) | | | |
| SOFFIT VENTS 9 SQ IN = (.0625 SQ FT) | | | |
| BOX VENTS 50 SQ IN = (.347 SQ FT) | | | |
| 5.08 SQ FT x 50% | 2.542 SQ FT OF RIDGE | | |
| 5.08 SQ FT x 50% | 2.542 SQ FT OF SOFFIT | | |
| RIDGE VENT | | | |
| 2.542 SQ FT | = | 20.3 FEET OF RIDGE VENT | |
| 0.125 SQ FT | | | |
| SOFFIT VENT | | | |
| 2.542 SQ FT | = | 40.7 FEET OF SOFFIT VENT | |
| 0.0625 SQ FT | | | |
| ACTUAL RIDGE VENT PROVIDED | 52 FEET | | |
| ACTUAL SOFFIT VENT PROVIDED | 58 FEET | | |
| NUMBER OF BOX VENTS NEEDED | -11.0 COUNT | | |
| (REQ - ACTUAL x .347) | (NEGATIVE = 0) | | |
| GARAGE ROOF | | | |
| 273 SQ FT UNDER ROOF ATTIC | | | |
| 300 SQ FT / 1 SQ FT = 0.91 SQ FT VENTILATION | | | |
| RIDGE VENTS 18 SQ IN = (.125 SQ FT) | | | |
| SOFFIT VENTS 9 SQ IN = (.0625 SQ FT) | | | |
| BOX VENTS 50 SQ IN = (.347 SQ FT) | | | |
| 0.91 SQ FT x 50% | 0.455 SQ FT OF RIDGE | | |
| 0.91 SQ FT x 50% | 0.455 SQ FT OF SOFFIT | | |
| RIDGE VENT | | | |
| 0.455 SQ FT | = | 3.6 FEET OF RIDGE VENT | |
| 0.125 SQ FT | | | |
| SOFFIT VENT | | | |
| 0.455 SQ FT | = | 7.3 FEET OF SOFFIT VENT | |
| 0.0625 SQ FT | | | |
| ACTUAL RIDGE VENT PROVIDED | 12 FEET | | |
| ACTUAL SOFFIT VENT PROVIDED | 26 FEET | | |
| NUMBER OF BOX VENTS NEEDED | -2.9 COUNT | | |
| (REQ - ACTUAL x .347) | (NEGATIVE = 0) | | |
| PORCH ROOF | | | |
| 165 SQ FT UNDER ROOF | | | |
| 150 SQ FT / 1 SQ FT = 1.10 SQ FT VENTILATION | | | |
| SOFFIT VENTS 9 SQ IN = (.0625 SQ FT) | | | |
| ASSUME 100% VENTING @ SOFFIT | | | |
| SOFFIT VENT | | | |
| 1.100 SQ FT | = | 17.6 FEET OF SOFFIT VENT | |
| 0.0625 SQ FT | | | |
| ACTUAL SOFFIT VENT PROVIDED | 21 FEET | | |

| ATTIC VENT CALCULATIONS | | | |
|--|---------|--------------------------|--|
| PORCH ROOF | | | |
| 115 SQ FT UNDER ROOF | | | |
| 150 SQ FT / 1 SQ FT = 0.77 SQ FT VENTILATION | | | |
| SOFFIT VENTS 9 SQ IN = (.0625 SQ FT) | | | |
| ASSUME 100% VENTING @ SOFFIT | | | |
| SOFFIT VENT | | | |
| 0.767 SQ FT | = | 12.3 FEET OF SOFFIT VENT | |
| 0.0625 SQ FT | | | |
| ACTUAL SOFFIT VENT PROVIDED | 13 FEET | | |



**EXTENDED GARAGE
FRONT ELEVATION - B**
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

DOOR STYLE PER
PURCHASE ORDER
SIZE 3/0 x 8/0



**SCREENED PORCH
REAR ELEVATION**
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

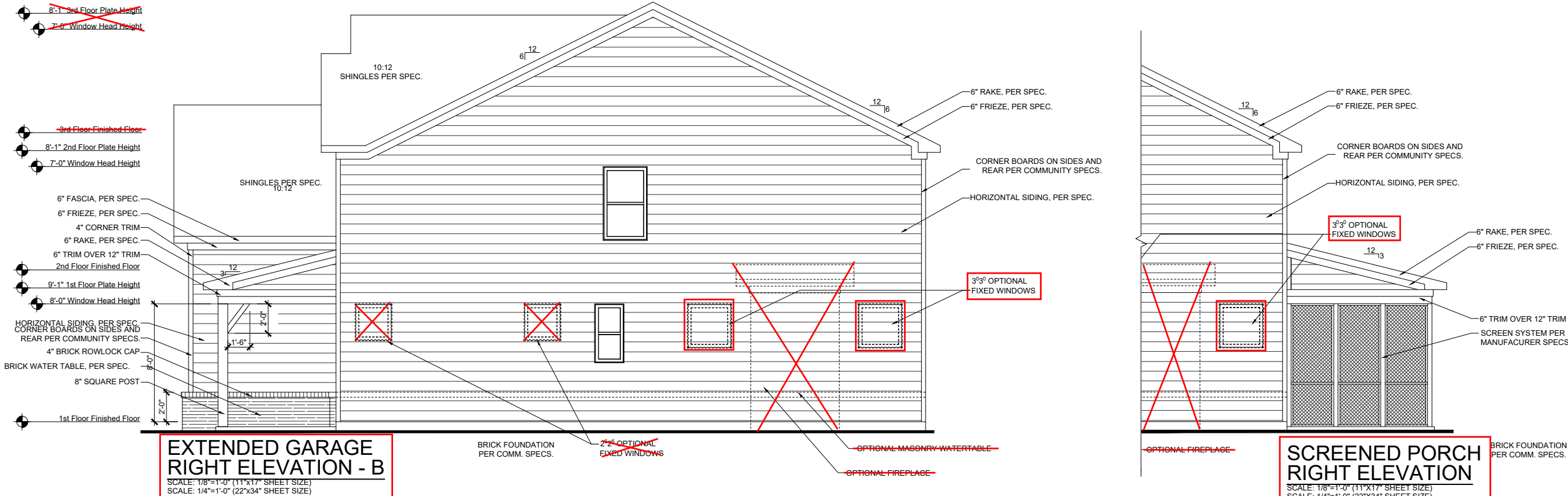
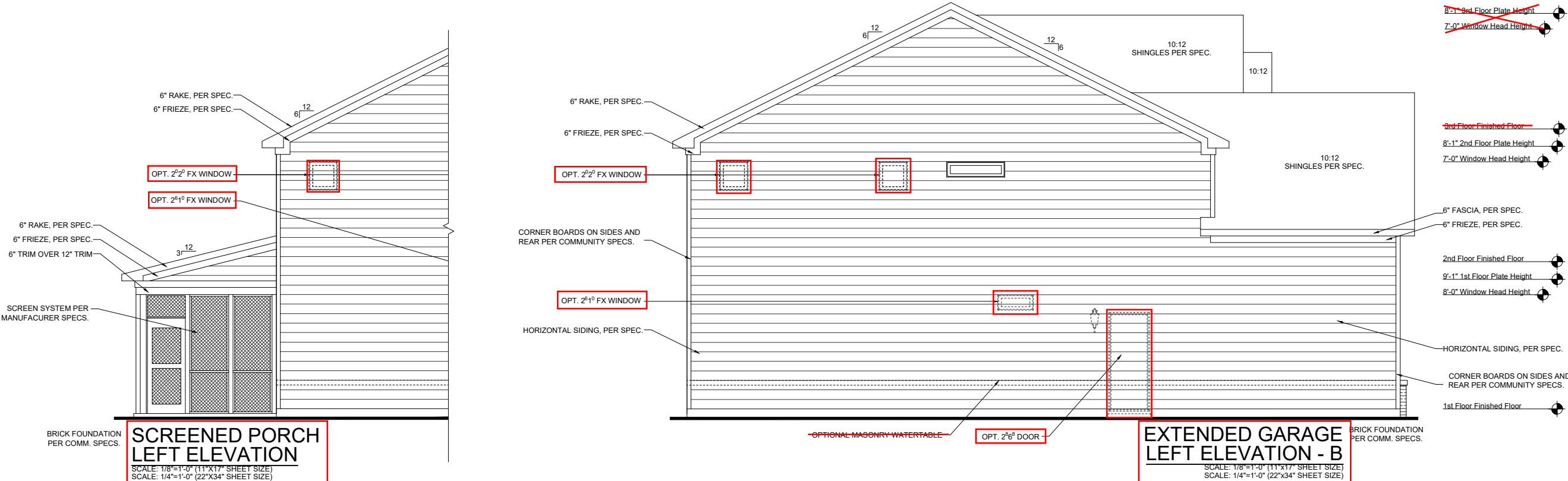
Tobacco Road Lot 120

| | | | |
|--|--|--|--|
| <div><div>MAIN STREET DESIGNS</div></div> <div><div>DAVIDSON HOMES</div><div>Your Community Builder</div></div> <div><div>1/8"=1'-0"</div></div> | | REVISION NUMBER | |
| | | 2-26-2020 PROTOTYPE REVISIONS | |
| | | 3-13-2020 ADDED BASEMENT FOUNDATION | |
| | | 7/1/2020 UPDATED SHOWER OPTIONS | |
| | | 10/12/2020 ELECTRICAL GARAGE LIGHT ELEV B | |
| | | 10/23/2020 ADDED GAR SVR DR TO 3RD CAR | |
| | | 3/29/2021 REVISIONS TO WH & GARAGE DOORS | |
| | | 12/11/2024 CORRECTED GARAGE EXT LIGHT LOCATION | |
| | | BASEMENT SLAB @ SCRD & COV. PORCH CHANGED TO 3'X3' | |
| | | Main Street Designs of Georgia, LLC | |
| www.MainStreetDesignsLLC.com | | | |
| 3050 Royal Blvd. South, Suite 135 | | | |
| Alpharetta, GA 30022 | | | |
| C. (404) 996-5722 | | | |

| | | | |
|----------------------|--|----------------|--|
| MODEL | | RELEASE DATE | |
| HICKORY II | | 12-11-2024 | |
| DRAWING TITLE | | PROJECT NUMBER | |
| EXT. ELEV/ ROOF PLAN | | ----- | |
| OPTION DESCRIPTION | | OPTION NO. | |
| ELEVATION - B | | | |

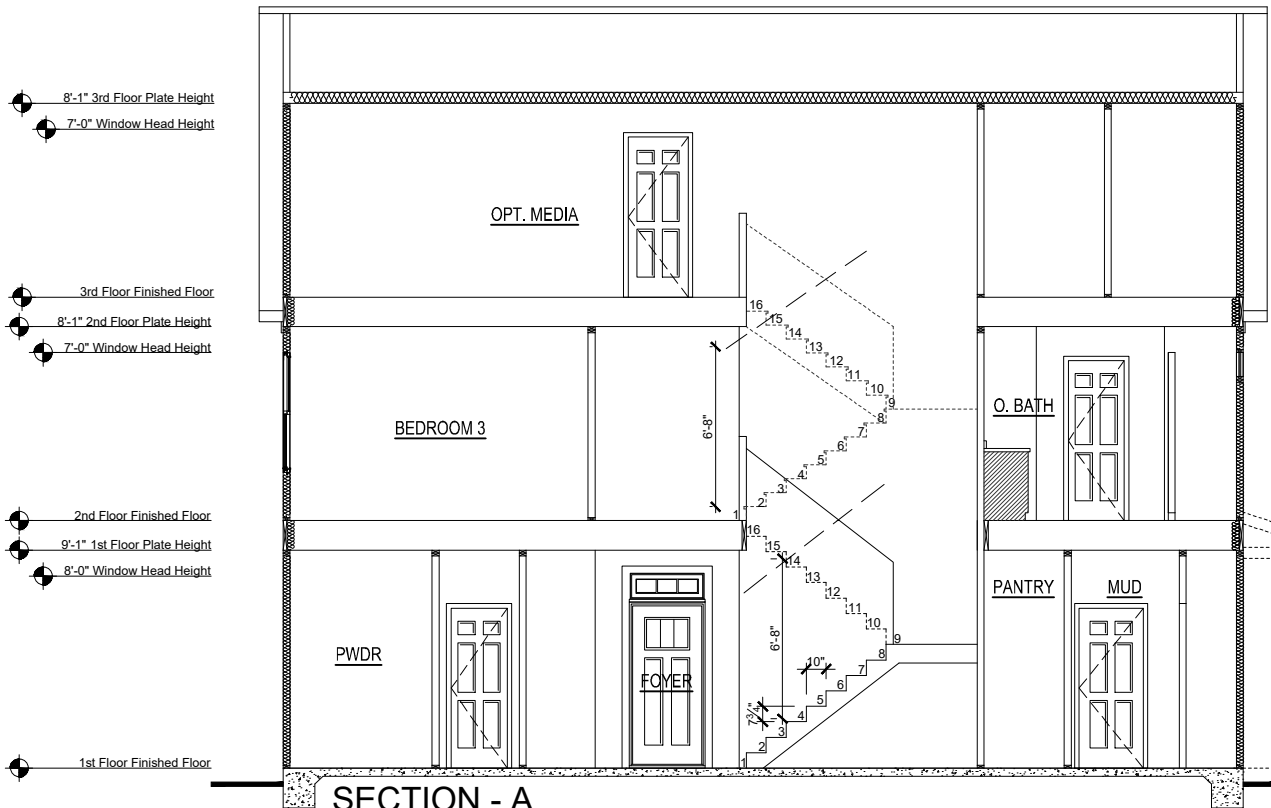
| | |
|-----------|--|
| SHEET NO. | |
| A-3.0B | |

Tobacco Road Lot 120



| | | | |
|---|-----------------------------------|--|-------------------------|
| SHEET NO. A-3.1B | MODEL HICKORY II | RELEASE DATE 12-11-2024 | 1" = 8' |
| | | DRAWING TITLE SIDE ELEVATIONS | PROJECT NUMBER ----- |
| | | OPTION DESCRIPTION ELEVATION - B | OPTION NO. ----- |
| | | | |
| | | | |
| | | | |
| <div style="display: flex; justify-content: space-between;"> <div>  <p>MAIN STREET <i>Design Co.</i></p> <p>Main Street Designs of Georgia, LLC www.MainStreetDesignsLLC.com 3050 Royal Blvd. South, Suite 135 Alpharetta, GA 30022 O. (404) 996-5722</p> </div> <div> <p>DAVIDSON HOMES Your Community Builder</p> </div> </div> | | | |
| REVISION NUMBER | | 2-26-2020 PROTOTYPE REVISIONS 3-13-2020 ADDED BASEMENT FOUNDATION 7/17/2020 UPDATED SHOWER OPTIONS 10/12/2020 ELECTRICAL GARAGE LIGHT ELEV B 10/23/2020 ADDED GAR SVR DR TO 3RD CAR 3/29/2021 REVISIONS TO WH & GARAGE DOORS 12/11/2024 CORRECTED GARAGE EXT LIGHT LOCATION ASSESSMENT SLAB @ SCORND & COV. PORCH CHANGED TO 3'X3' | |

Tobacco Road Lot 120



| REVISION NUMBER | | PROTOTYPE REVISIONS |
|-----------------|------------|-------------------------------------|
| 2-26-2020 | 3-13-2020 | ADDED BASEMENT FOUNDATION |
| 7/17/2020 | 10/12/2020 | UPDATED SHOWER OPTIONS |
| 10/23/2020 | 3/29/2021 | ELECTRICAL GARAGE LIGHT ELEV. B |
| 12/11/2024 | | ADDED CAR SVR DR TO 3RD CAR |
| | | REVISIONS TO WH & GARAGE DOORS |
| | | CORRECTED GARAGE EXT LIGHT LOCATION |
| | | BSMENT SLAB @ SCRD & COV. PORCH |
| | | CHANGED TO 3'X3' |



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Alpharetta, GA 30022
O. (404) 996-5722



| RELEASE DATE | | 12-11-2024 | |
|----------------|--|------------|--|
| PROJECT NUMBER | | ----- | |
| OPTION NO. | | ----- | |

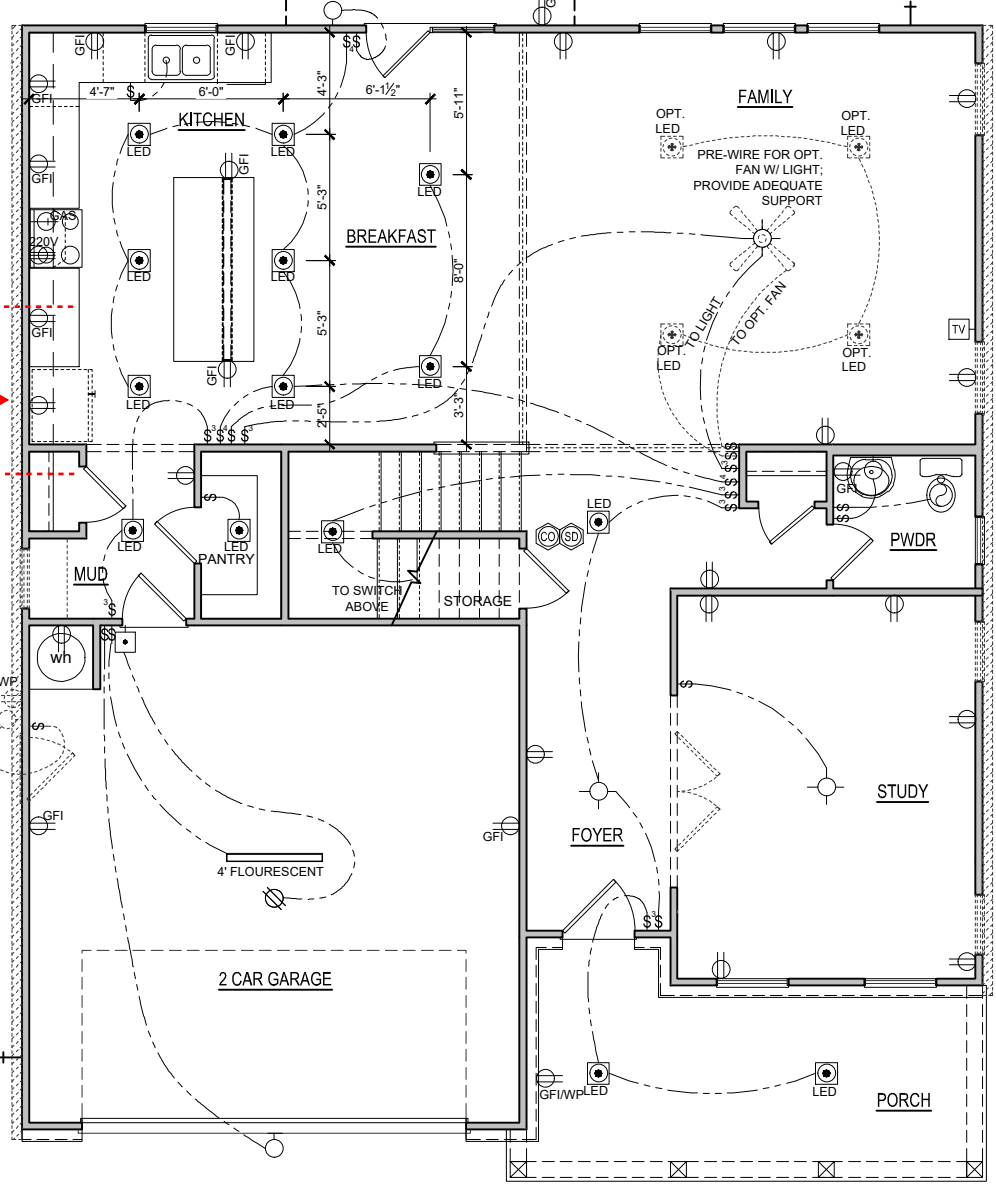
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|-----------|--|--------|
|-----------|--|--------|

ELECTRICAL KEY

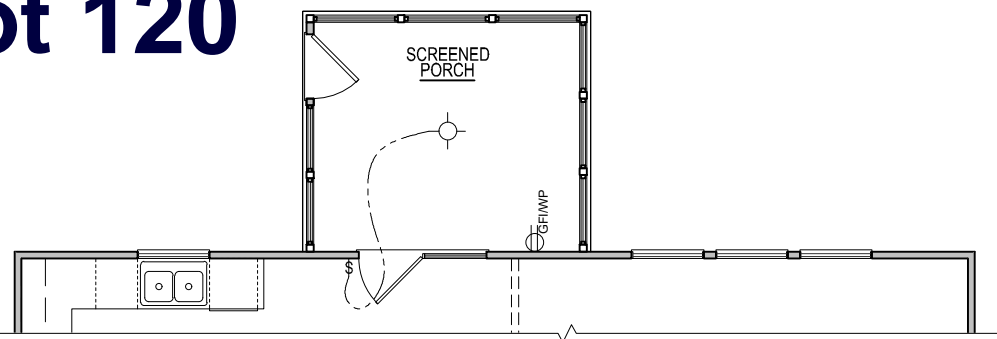
- CEILING RECEP.
- DUPLEX RECEP.
- SPLIT SWITCHED RECEP.
- FLOOR RECEP
- QUADPLEX RECEP
- GFI GROUND FAULT RECEP
- GFI/WP WEATHER PROOF RECEP
- 220V 220v RECEP
- EXHAUST FAN
- EXHAUST FAN / LIGHT
- EXHAUST FAN / HEAT LIGHT
- LED
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE TV JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 1 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT

Tobacco Road Lot 120

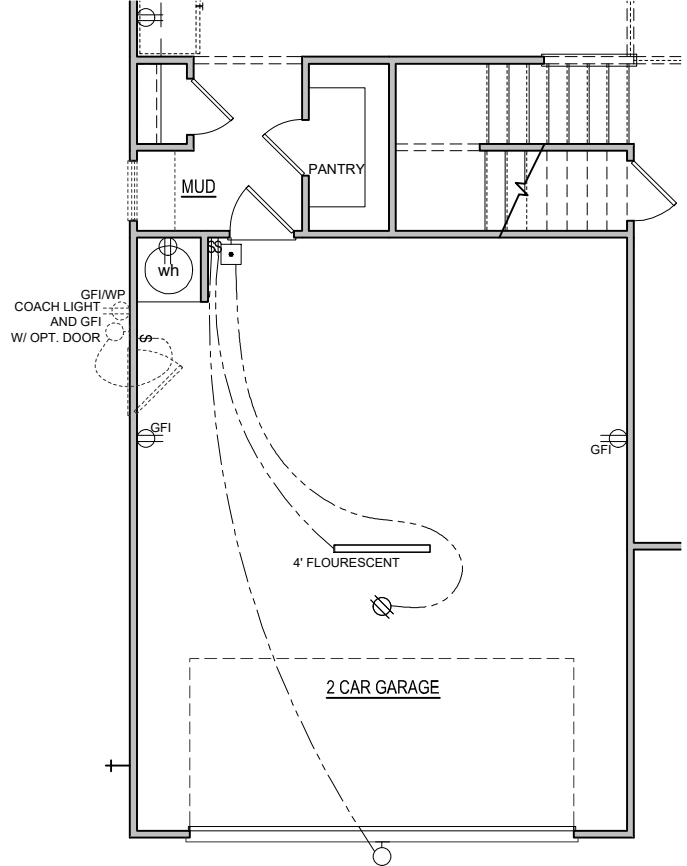
NOTE; PROPANE TANK
TO BE SET
5' FROM VENTS
10' FROM IGNITION



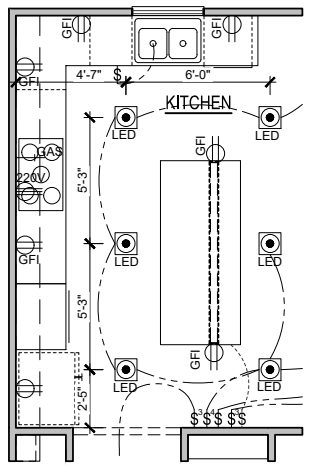
ELEVATION - B
FIRST FLOOR ELECTRICAL PLAN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



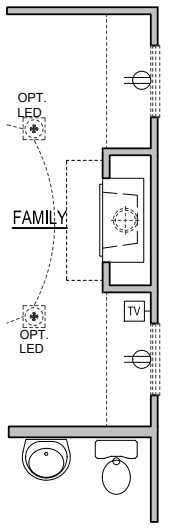
ELECTRICAL PLAN
OPT. SCREENED PORCH
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



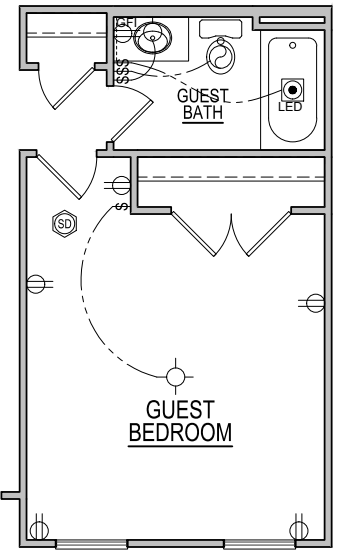
OPT. EXTENDED GARAGE
1st FLOOR ELECTRICAL PLAN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



GOURMET KITCHEN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



1st FLOOR PLAN
OPT. FIREPLACE- 'B'
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



GUEST BEDROOM
ILO STUDY
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

REVISION NUMBER
2-26-2020 PROTOTYPE REVISIONS
3-13-2020 ADDED BASEMENT FOUNDATION
7/17/2020 UPDATED SHOWER OPTIONS
10/12/2020 ELECTRICAL GARAGE LIGHT ELEV. B
10/23/2020 ADDED CAR SVR DR TO 3RD CAR
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12/11/2021 BSMENT. SLAB @ SCRDND & COV. PORCH
CHANGED TO 3'X3'

MAIN STREET DESIGN
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MODEL
HICKORY II
DRAWING TITLE
1ST FLOOR ELEC. PLAN
OPTION DESCRIPTION
ELEVATION - B

RELEASE DATE
12-11-2024
PROJECT NUMBER
OPTION NO.

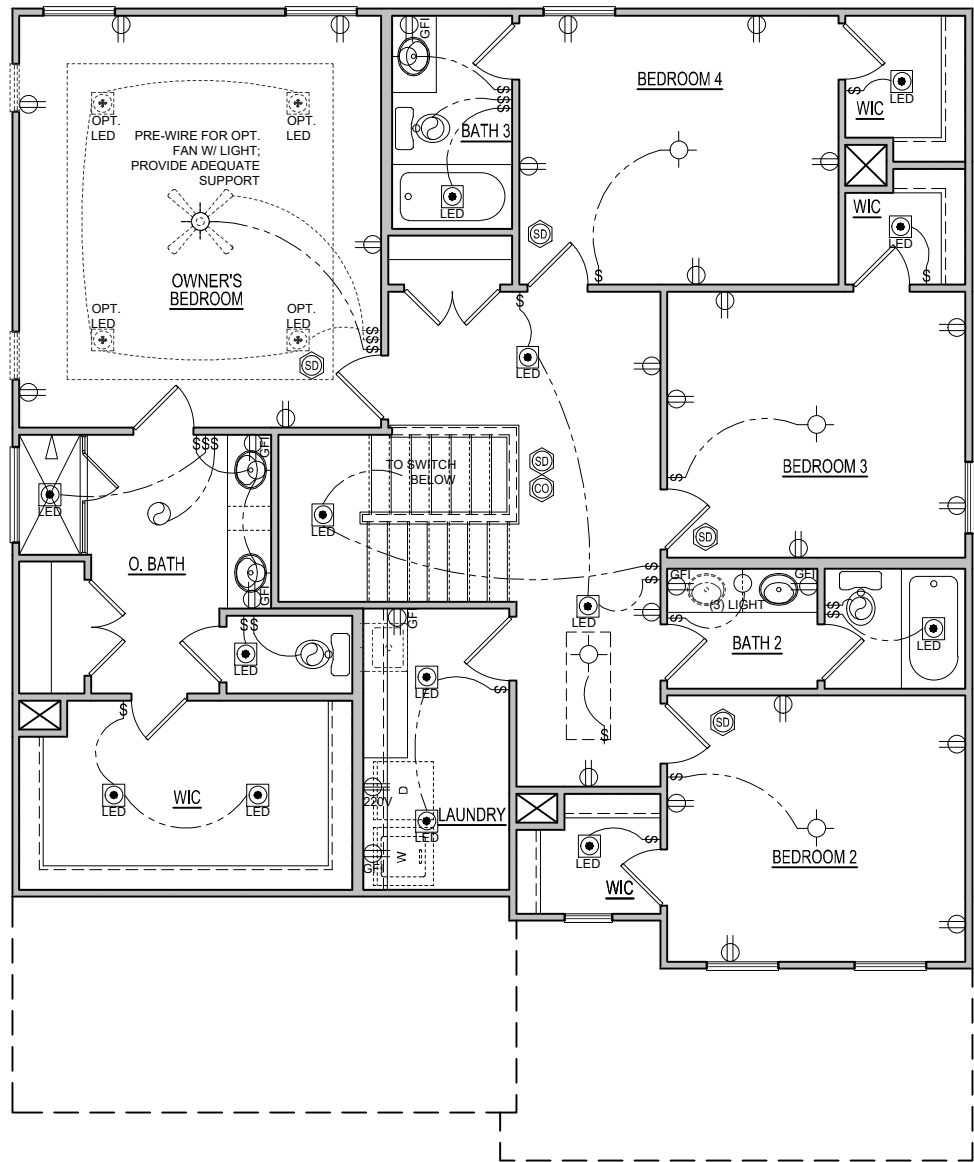
1/8"=1'-0"

SHEET NO.
E-1.0B

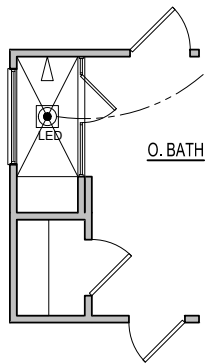
Tobacco Road Lot 120

ELECTRICAL KEY

- CEILING RECEP.
- DUPLEX RECEP.
- SPLIT SWITCHED RECEP.
- FLOOR RECEP
- QUADPLEX RECEP
- GFI
- GROUND FAULT RECEP
- GFI/WP
- WEATHER PROOF RECEP
- 220V
- 220v RECEP
- EXAUST FAN
- EXAUST FAN / LIGHT
- EXAUST FAN / HEAT LIGHT
- LED
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- HANGING CEILING LIGHT
- WALL LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- SECURITY SYSTEM PHONE JACK
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 1 TUBE FLUORESCENT
- 2 TUBE FLUORESCENT
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT



ELEVATION - B
SECOND FLOOR ELECTRICAL PLAN
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)



OPT. SPA SHOWER
SCALE: 1/8"=1'-0" (11"x17" SHEET SIZE)
SCALE: 1/4"=1'-0" (22"x34" SHEET SIZE)

| REVISION NUMBER | PROTOTYPE REVISIONS |
|-----------------|---|
| 2-26-2020 | ADDED BASEMENT FOUNDATION |
| 3-13-2020 | UPDATED SHOWER OPTIONS |
| 7/17/2020 | ELECTRICAL GARAGE LIGHT ELEV. B |
| 10/12/2020 | ADDED CAR. SVR. DR. TO 3RD CAR |
| 10/23/2020 | REVISIONS TO WH & GARAGE DOORS |
| 3/29/2021 | CORRECTED GARAGE EXT. LIGHT LOCATION |
| 12/11/2024 | BSMENT. SLAB @ SCRDND & COV. PORCH CHANGED TO 3'X3' |



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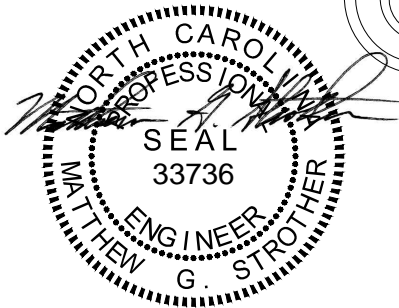
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|--------------------|----------------|------------|
| MODEL | RELEASE DATE | 12-11-2024 |
| HICKORY II | PROJECT NUMBER | ---- |
| DRAWING TITLE | OPTION NO. | ---- |
| SECOND FLOOR PLAN | | |
| OPTION DESCRIPTION | | |
| ELEVATION - B | | |

SHEET NO.
E-2.0B

ELEVATION B

Tobacco Road Lot 120

SCALE NOTE:
LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.
11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



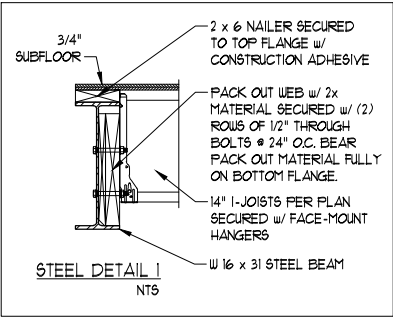
1/31/2024

J.S. THOMPSON
ENGINEERING, INC.
333 EAST SIX FORKS ROAD, SUITE 180 BALEIGH, NC 27609
PHONE: (919) 789-9919 FAX: (919) 789-9921
N.C. LICENSE NO.: C-1733

HICKORY
DAVIDSON HOMES

DATE: JANUARY 26, 2024
SCALE: 1/4" = 1'-0"
DRAWN BY: MAIN STREET DESIGNS
ENGINEERED BY: JAG

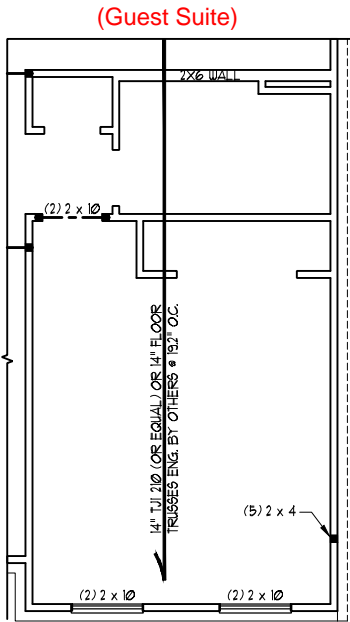
S-3b
SECOND FLOOR
FRAMING PLAN



NOTE:
BCI 5000-18 JOISTS MAY BE USED IN LIEU OF TJI 210 JOISTS AT THE DEPTH AND SPACING INDICATED ON THE PLANS

TABLE R602.7.5
MINIMUM NUMBER OF FULL HEIGHT KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

| HEADER SPAN (FEET) | MINIMUM NUMBER OF FULL HEIGHT STUDS (KINGS) |
|--------------------|---|
| UP TO 3' | 1 |
| > 3' TO 6' | 2 |
| > 6' TO 9' | 3 |
| > 9' TO 12' | 4 |
| > 12' TO 15' | 5 |



OPTIONAL BEDROOM 5 / BATHROOM 4

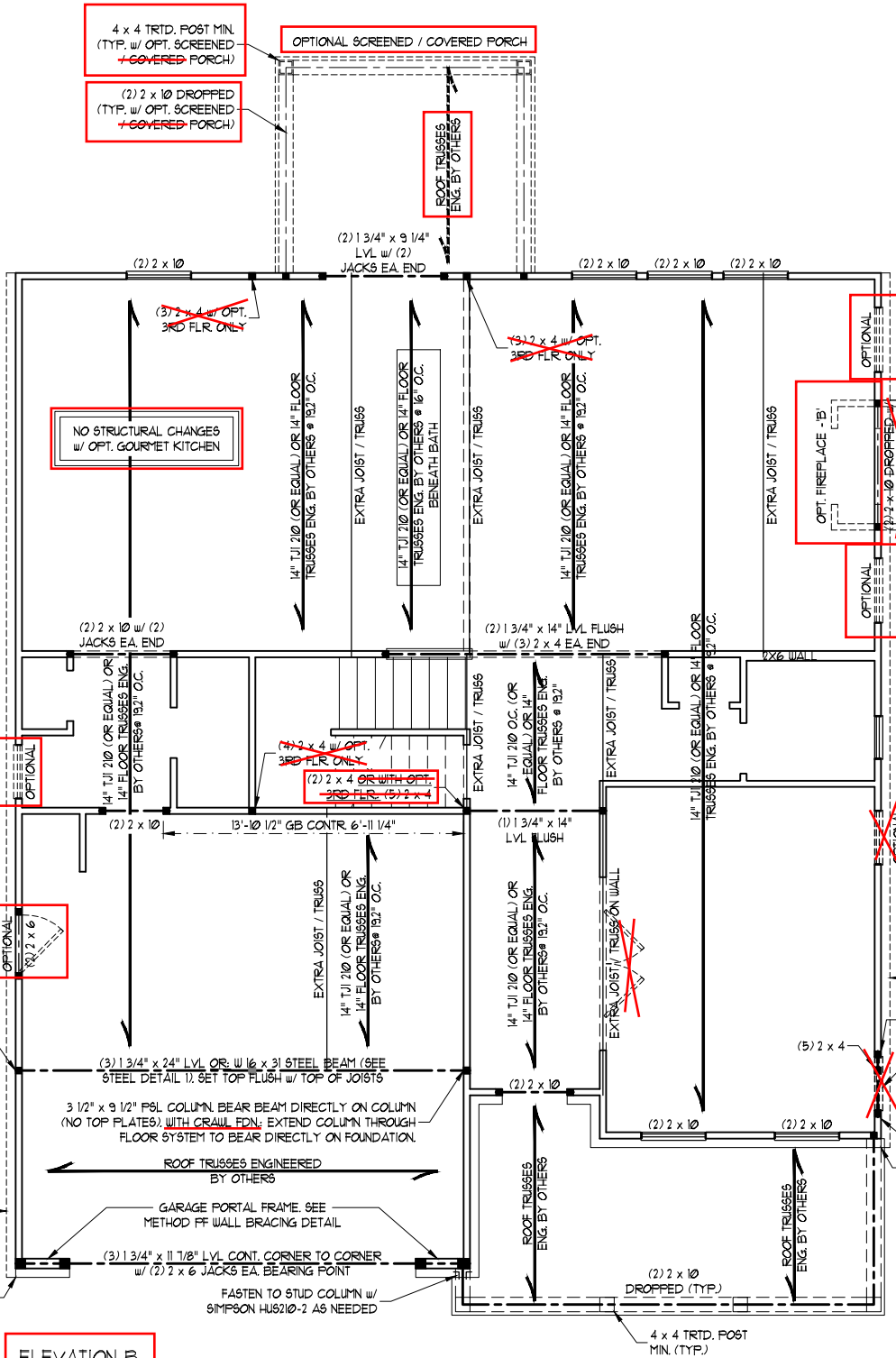
BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10.5 "WALL BRACING BY ENGINEERED DESIGN" OF THE NRC 2018 EDITION USING BRACING MATERIALS AND METHODS LISTED IN TABLE R602.10.1 ALONG WITH ALTERNATIVE MATERIALS AND METHODS THAT COMPLY WITH ACCEPTED ENGINEERING PRACTICE. BRACED WALL DESIGN IS NOT PRESCRIPTIVE.
- SHEATH ALL EXTERIOR WALLS w/ 7/16" OSB TO PROVIDE CS-WSP WALL BRACING THAT WILL BRACE THE STRUCTURE FOR ALL LATERAL LOADS AS REQUIRED BY THE NRC 2018 EDITION.
- CS-WSP REFERS TO "CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANELS." CONTRACTOR IS TO INSTALL 7/16" OSB ON ALL EXTERIOR WALLS ATTACHED w/ 8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
- GB REFERS TO "GYPSUM BOARD." CONTRACTOR IS TO INSTALL 1/2" (MIN.) GYPSUM BOARD ON BOTH SIDES OF WALL WHERE NOTED ON THE PLANS ATTACHED WITH 1 1/4" LONG #6 SCREWS OR 1 5/8" LONG 5d COOLER NAILS SPACED 7" O.C. ALONG PANEL EDGES AND IN THE FIELD.
- BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 130 MPH. FOR HIGH WIND ZONES, BRACED WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 45 OF THE NRC 2018 EDITION.
- SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

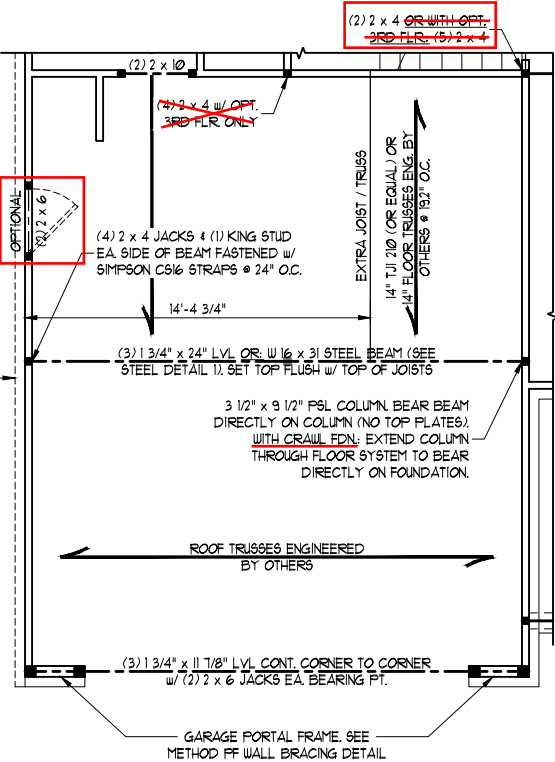
STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SYP #2 OR SYP #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS WHERE NOTED ON THE PLANS.
- WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO). SEE TABLE R602.15 FOR ADDITIONAL KING STUD REQUIREMENTS.
- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO).
- ALL 4 x 4 POSTS SHALL BE ANCHORED TO SLABS w/ SIMPSON ABU44 POST BASES (OR EQUAL) AND 6 x 6 POSTS w/ ABU66 POST BASES (OR EQUAL) (UNO). ALL 4 x 4 AND 6 x 6 POSTS TO BE INSTALLED WITH 100 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO).
- FOR FIBERGLASS, ALUMINUM, OR COLUMN ENG. BY OTHERS, SECURE TO SLAB w/ (2) METAL ANGLES USING 2" CONC. SCREWS. FASTEN ANGLES TO COLUMNS w/ 1/4" THROUGH BOLTS w/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN.
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

"TSP" INDICATES TRIPLE STUD POCKET BETWEEN WINDOW UNITS.



ELEVATION B



OPTIONAL EXTENDED GARAGE
ELEVATIONS B & E

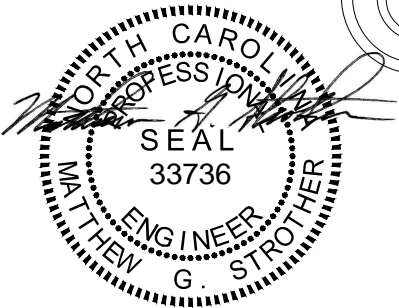
Architectural floor plan of the 3rd floor, showing structural details, truss engineering, and optional features. The plan includes a central staircase, multiple rooms, and a large open area. Key annotations include:

- INCORPORATE OPTIONAL RAISED TRAY INTO ROOF TRUSSES (NOT AVAILABLE w/ OPT. 3RD FLOOR)** (Red box)
- OPT. TRAY CEILING** (Red box)
- OPTIONAL** (Three red boxes along the left wall)
- ROOF TRUSSES ENGINEERED BY OTHERS** (Three locations)
- GIRDER TRUSS ENGINEERED BY OTHERS** (Bottom right)
- 2X6 WALL** (Three locations)
- MONO-PITCH ROOF TRUSSES EXCEPT OTHERS w/ OPT. 3RD FLR ONLY** (Three locations)
- LATTICE ACCESS WITHOUT OPT. 3RD FLR ONLY** (Red box)
- (2) 2 x 10** (Top and bottom left)
- (3) 2 x 4 w/ OPT. 3RD FLR ONLY** (Top and bottom left)
- (5) 2 x 4 OR WITH OPT. 3RD FLR (7) 2 x 4** (Bottom center)
- 9'-0" 2'-0"** (Center)

ELEVATION B

Tobacco Road Lot 120

SCALE NOTE:
LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.
11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



1/31/2024

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PHONE: (919) 789-9919 FAX: (919) 789-9921
N.C. LICENSE NO.: C-1733

STRUCTURAL NOTES:

1. ALL FRAMING LUMBER TO BE #2 SPF OR #2 SYP (UNO).
2. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
3. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SIMPSON H25A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER IS TO BE FASTENED TO THE FLAT VALLEY WITH A MIN. OF (6) 12d TOE NAILS.
4. REFER TO SECTION R802.11 OF THE 2018 NCRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.
5. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

| | |
|------|------------------------|
| XT | EXTRA TRUSS |
| TS | TRUSS SUPPORT |
| XR | EXTRA RAFTER |
| RS | RAFTER SUPPORT |
| CONT | CONTINUOUS |
| EA | EACH |
| OC | ON CENTER |
| SPF | SPRUCE PINE FIR |
| SYP | SOUTHERN YELLOW PINE |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |

HICKORY
DAVIDSON HOMES

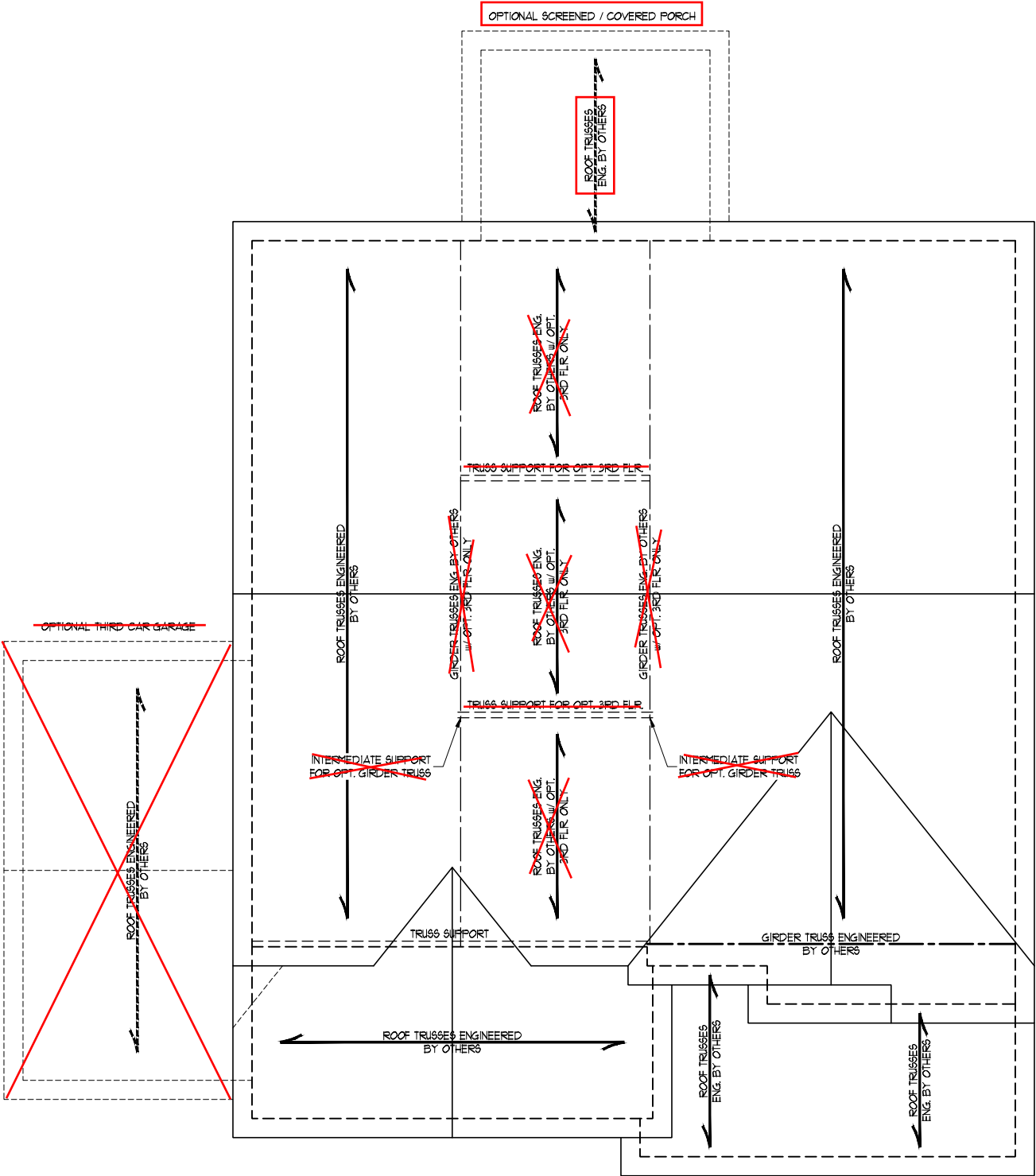
DATE: JANUARY 26, 2024

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

DRAWN BY: MAIN STREET DESIGNS

ENGINEERED BY: JAG

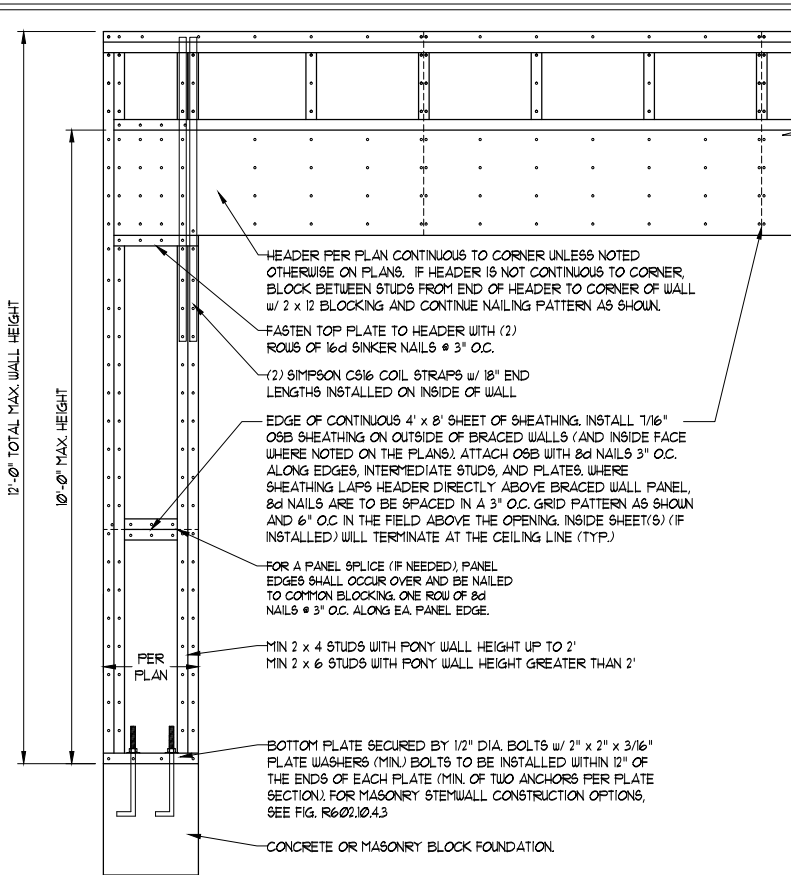
S-6b
ROOF FRAMING
PLAN



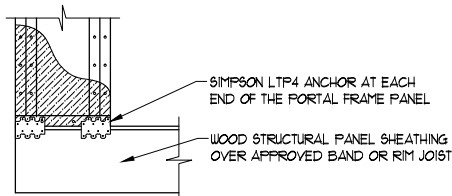
ELEVATION B

GENERAL WALL BRACING NOTES:

1. WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NC RESIDENTIAL BUILDING CODE (NRC). TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NRC.
2. SEE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2018 NRC FOR ADDITIONAL INFORMATION AS NEEDED.
3. BRACED EXTERIOR WALLS SUPPORTING ROOF TRUSSES AND RAFTERS, INCLUDING STORIES BELOW THE TOP FLOOR, HAVE BEEN DESIGNED PER R602.3.5 (3). WALL SHEATHING AND FASTENERS HAVE BEEN DESIGNED TO RESIST COMBINED UPLIFT AND SHEAR FORCES IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE.
4. SEE STRUCTURAL SHEETS FOR BRACED WALL LOCATIONS, DIMENSIONS, HOLD DOWN TYPE AND LOCATIONS, BRACED WALL LINE KEY WITH WALL DESIGN SUMMARY OF REQUIRED/PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIREMENTS.
5. ALL EXTERIOR WALLS ARE TO BE SHEATHED WITH CS-WSP IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.
6. ALL EXTERIOR AND INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED. WHEN NOT USING METHOD "GB", GYPSUM TO BE FASTENED PER TABLE R102.3.5. METHOD GB TO BE FASTENED PER TABLE R602.101.
7. CS-WSP REFERS TO THE "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 7/16" OSB SHEATHING IS TO BE INSTALLED ON ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.131" DIAMETER) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO.).
8. GB REFERS TO THE "GYPSUM BOARD" WALL BRACING METHOD. 1/2" (MIN) GYPSUM WALL BOARD IS TO BE INSTALLED ON BOTH SIDES OF THE BRACED WALL FASTENED WITH 1 1/4" SCREWS OR 1 5/8" NAILS SPACED 1" O.C. ALONG PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (UNO.). VERIFY ALL FASTENER OPTIONS FOR 1/2" AND 5/8" GYPSUM PRIOR TO CONSTRUCTION. FOR INTERIOR FASTENER OPTIONS SEE TABLE R102.3.5. FOR EXTERIOR FASTENER OPTIONS SEE TABLE R602.3(1). EXTERIOR GB TO BE INSTALLED VERTICALLY.
9. REQUIRED BRACED WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.103. METHOD CS-WSP CONTRIBUTES ITS ACTUAL LENGTH, METHOD GB CONTRIBUTES 5 ITS ACTUAL LENGTH, AND METHOD PF CONTRIBUTES 15 TIMES ITS ACTUAL LENGTH.

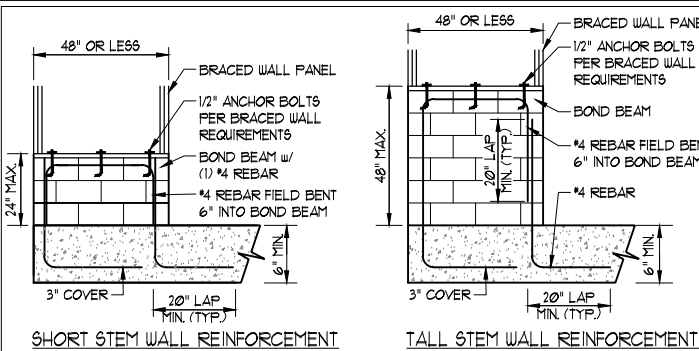


OVER CONCRETE OR MASONRY BLOCK FOUNDATION



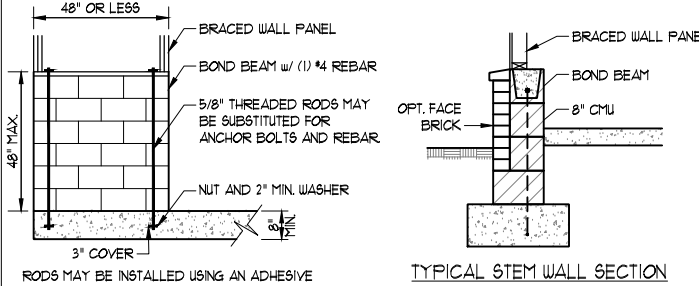
OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION
* APPLICABLE w/ GREATER THAN 12" KNEE WALL HEIGHTS
IN CRAWL SPACE AND ABOVE FRAMED BASEMENT WALLS *

METHOD PF-PORTAL FRAME DETAIL ①



SHORT STEM WALL REINFORCEMENT

TALL STEM WALL REINFORCEMENT



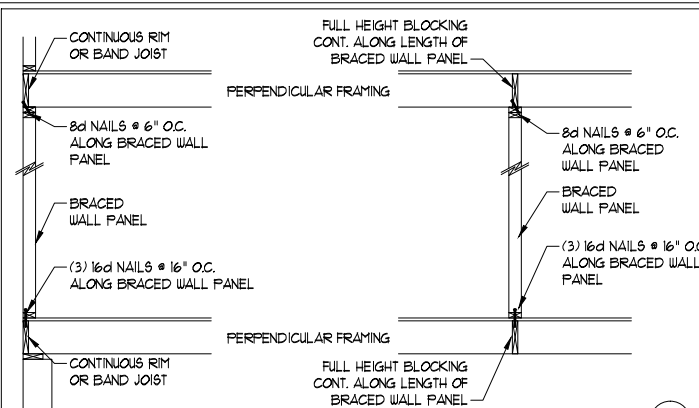
TYPICAL STEM WALL SECTION

OPTIONAL STEM WALL REINFORCEMENT

NOTE: GROUT BOND BEAMS AND ALL CELLS WHICH CONTAIN
REBAR, THREADED RODS AND ANCHOR BOLTS

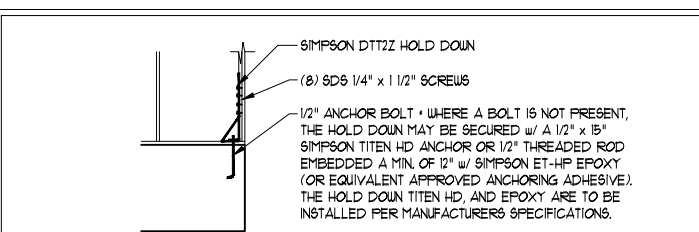
MASONRY STEM WALLS SUPPORTING BRACED WALL PANELS ②

PER FIGURE R602.10.4.3



BRACED WALL PANEL CONNECTION WHEN ③ PERPENDICULAR TO FLOOR/CEILING FRAMING

PER FIGURE R602.10.4.4(1)

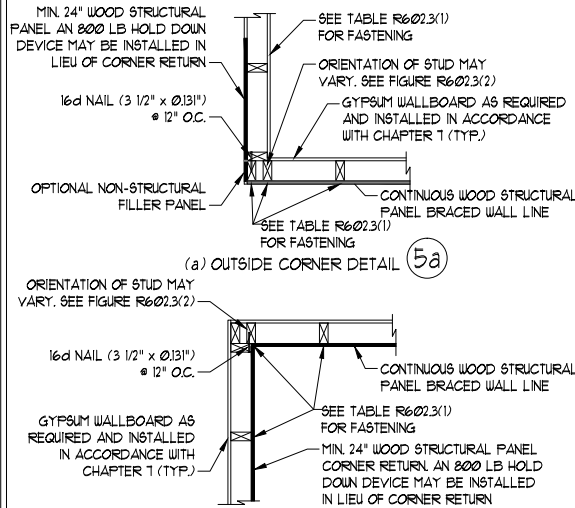


HOLD DOWN DETAIL FOR MASONRY FOUNDATION OR MONOLITHIC SLAB ④

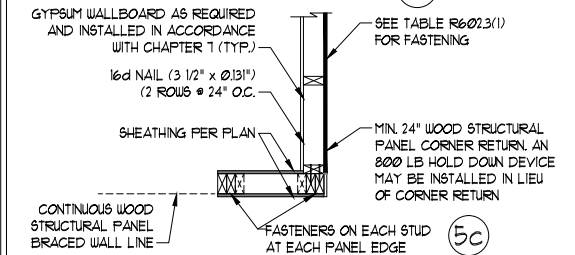
* APPLICABLE ONLY WHERE SPECIFIED ON PLAN *

TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING ⑤

PER FIGURE R602.10.3(5)



(a) OUTSIDE CORNER DETAIL ⑤a

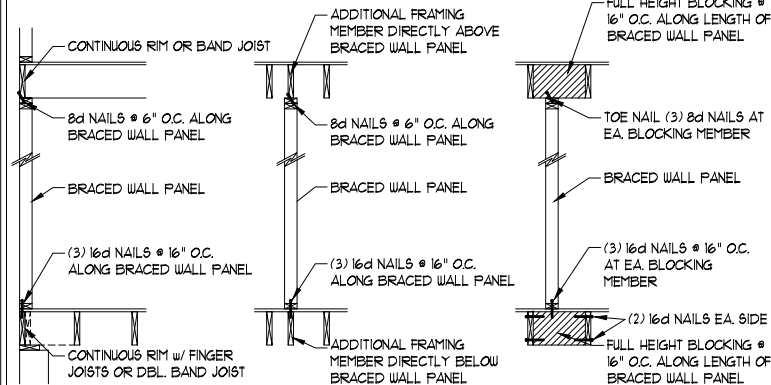


(b) INSIDE CORNER DETAIL ⑤b

(c) GARAGE DOOR CORNER DETAIL (SEE PLAN FOR ADDITIONAL
STRUCTURAL INFORMATION OR ALTERNATE CONFIGURATIONS)

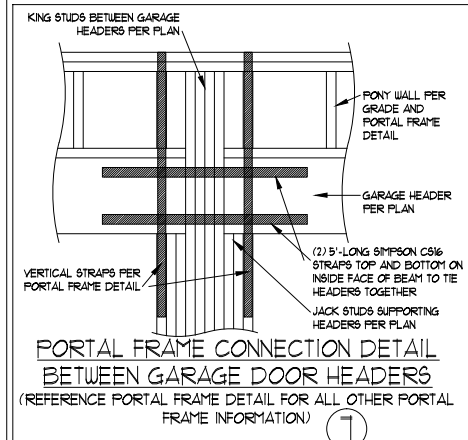
BRACED WALL PANEL CONNECTION WHEN ⑥ PARALLEL TO FLOOR/CEILING FRAMING

PER FIG. R602.10.4.4(2)



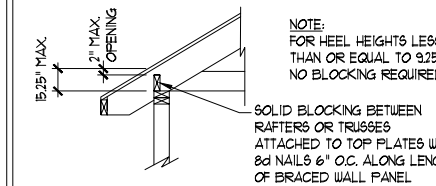
SCALE NOTE:

LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.
11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



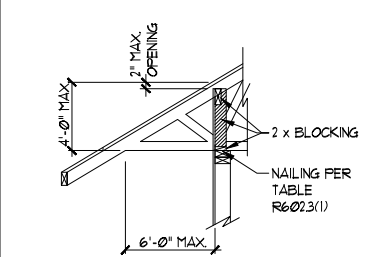
BRACED WALL PANEL ⑧ CONNECTION TO PERPENDICULAR RAFTERS

PER FIGURE R602.10.4.5(1)



BRACED WALL PANEL CONNECTION TO PERPENDICULAR ROOF TRUSSES ⑨

PER FIGURE R602.10.4.5(3)
(OR ALTERNATIVE: FIGURE R602.10.4.5(2))



Tobacco Road Lot 120

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1/31/2024

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PHONE: (919) 789-9919 FAX: (919) 789-9921
N.C. LICENSE NO.: C-1733

HICKORY
DAVIDSON HOMES

DATE: JANUARY 26, 2024
SCALE: 1/4" = 1'-0"
DRAWN BY: MAIN STREET DESIGNS
ENGINEERED BY: JAG

D4
WALL BRACING
NOTES AND DETAILS

GENERAL NOTES

1. ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HIPs, VALLEYS, RIDGES, FLOORS, WALLS, BEAMS, HEADERS, COLUMNS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIERS, GIRDER SYSTEM AND FOOTING. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OF ARCHITECTURAL LAYOUT INCLUDING ROOF. ENGINEER'S SEAL DOES NOT APPLY TO I-JOIST OR FLOOR/ROOF TRUSS LAYOUT DESIGN AND ACCURACY.
2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE (NCRC), 2018 EDITION, PLUS ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK. NOR WILL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTORS FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCRC, 2018 EDITION (R301.4 - R301.7)

| DESIGN CRITERIA: | LIVE LOAD (PSF) | DEAD LOAD (PSF) | DEFLECTION (IN) |
|--------------------------------|---|-----------------|-----------------------------------|
| ATTIC WITH LIMITED STORAGE | 20 | 10 | L/240 (L/360 w/ BRITTLE FINISHES) |
| ATTIC WITHOUT STORAGE | 10 | 10 | L/360 |
| DECKs | 40 | 10 | L/360 |
| EXTERIOR BALCONIES | 40 | 10 | L/360 |
| FIRE ESCAPES | 40 | 10 | L/360 |
| HANDRAILS/GUARDRAILS | 200 LB OR 50 (PLF) | 10 | L/360 |
| PASSENGER VEHICLE GARAGE | 50 | 10 | L/360 |
| ROOMS OTHER THAN SLEEPING ROOM | 40 | 10 | L/360 |
| SLEEPING ROOMS | 30 | 10 | L/360 |
| STAIRS | 40 | 10 | L/360 |
| WIND LOAD | (BASED ON TABLE R302(4) WIND ZONE AND EXPOSURE) | | |
| GROUND SNOW LOAD: Pg | 20 (PSF) | | |

- I-JOIST SYSTEMS DESIGNED WITH 12 PSF DEAD LOAD AND DEFLECTION (IN) OF L/480
- FLOOR TRUSS SYSTEMS DESIGNED WITH 15 PSF DEAD LOAD
4. FOR 115 AND 120 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION R403.1.6 OF THE NCRC, 2018 EDITION. FOR 130 MPH, 140 MPH, AND 150 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 4504 OF THE NCRC, 2018 EDITION.
5. ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 11 OF THE NCRC, 2018 EDITION.

FOOTING AND FOUNDATION NOTES

1. FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARING CAPACITY IS NOT ACHIEVED.
2. FOR ALL CONCRETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL, AND FOREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DEPTHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK BASED COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL MIXTURE SOILS CLASSIFIED AS GROUP 1, ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R405.1 OF THE NCRC, 2018 EDITION.
3. PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE SLAB IS AT OR BELOW WATER TABLE. IF APPLICABLE, 3/4" - 1" DEEP CONTROL JOINTS ARE TO BE SAUED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED. ADJUST WHERE NECESSARY.
4. CONCRETE SHALL CONFORM TO SECTION R402.2 OF THE NCRC, 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60, WELDED WIRE FABRIC TO BE ASTM A185. MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 1 1/2" IN SLABS. FOR POURED CONCRETE WALLS, CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE INSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 3/4". CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 1 1/2" FOR #5 BARS OR SMALLER, AND NOT LESS THAN 2" FOR #6 BARS OR LARGER.
5. MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/TMS 402. MORTAR SHALL CONFORM TO ASTM C270.
6. THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED FOUR TIMES THEIR LEAST DIMENSION FOR UNFILLED HOLLOW CONCRETE MASONRY UNITS AND TEN TIMES THEIR LEAST DIMENSION FOR SOLID OR SOLID FILLED PIERS. PERS MAY BE FILLED SOLID WITH CONCRETE OR TYPE M OR S MORTAR. PIERS AND WALLS SHALL BE CAPPED WITH 8" OF SOLID MASONRY.
7. THE CENTER OF EACH OF THE PIERS SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE FOOTING. EACH GIRDER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS.
8. ALL CONCRETE AND MASONRY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF SECTION R404 OF THE NCRC, 2018 EDITION OR IN ACCORDANCE WITH ACI 318, ACI 332, NCMA TR68-A OR ACE 530/ASCE 5/TMS 402. MASONRY FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R404.1.(1), R404.1.(2), R404.1.(3), OR R404.1.(4) OF THE NCRC, 2018 EDITION. CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R404.1.(5) OF THE NCRC, 2018 EDITION. STEP CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16" O.C. WHERE GRADE PERMITS (UNO).

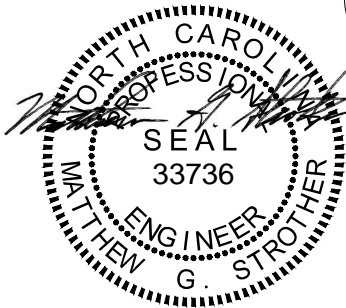
FRAMING NOTES

1. ALL FRAMING LUMBER SHALL BE #2 SPF (Fb = 875 PSI, Fv = 375 PSI, E = 1600000 PSI) OR #2 SYP (Fb = 975 PSI, Fv =175 PSI, E = 1600000 PSI) MINIMUM UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE #2 SYP MINIMUM UNLESS NOTED OTHERWISE (UNO).
2. LAMINATED VENEER LUMBER (LVL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb =2600 PSI, Fv = 285 PSI, E = 1900000 PSI. LAMINATED STRAND LUMBER (LSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 2325 PSI, Fv = 310 PSI, E = 1550000 PSI. PARALLEL STRAND LUMBER (PSL) UP TO 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2500 PSI, E =1800000 PSI. PARALLEL STRAND LUMBER (PSL) MORE THAN 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2900 PSI, E = 2000000 PSI. INSTALL ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.
3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS
A. W AND WT SHAPES: ASTM A992
B. CHANNELS AND ANGLES: ASTM A36
C. PLATES AND BARS: ASTM A36
D. HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE B
E. STEEL PIPE: ASTM A53, GRADE B, TYPE E OR S
4. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH (UNO). PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED AT THE BOTTOM FLANGE TO EACH SUPPORT AS FOLLOWS (UNO):

A. WOOD FRAMING (2) 1/2" DIA. x 4" LONG LAG SCREWS
B. CONCRETE (2) 1/2" DIA. x 4" WEDGE ANCHORS
C. MASONRY (FULLY GROUTED) (2) 1/2" DIA. x 4" LONG SIMPSON TITEN HD ANCHORS

LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOISTS ARE TOE NAILED TO THE 2x NAILER ON TOP OF THE STEEL BEAM, AND THE 2x NAILER IS SECURED TO THE TOP OF THE STEEL BEAM w/ (2) ROWS OF SELF TAPPING SCREWS # 16" O.C. OR (2) ROWS OF 1/2" DIAMETER BOLTS # 16" O.C. IF 1/2" BOLTS ARE USED TO FASTEN THE NAILER, THE STEEL BEAM SHALL BE FABRICATED w/ (2) ROWS OF 9/16" DIAMETER HOLES # 16" O.C.
5. SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. SHADED SQUARES DENOTE POINT LOADS FROM ABOVE WHICH REQUIRE SOLID BLOCKING TO SUPPORTING MEMBER BELOW.
6. ALL LOAD BEARING HEADERS TO CONFORM TO TABLE R602.7.(1) AND R602.7.(2) OF THE NCRC, 2018 EDITION OR BE (2) 2 x 6 WITH (1) JACK AND (1) KING STUD EACH END (UNO), WHICHEVER IS GREATER. ALL HEADERS TO BE SECURED TO EACH JACK STUD WITH (4) 8d NAILS. ALL BEAMS TO BE SUPPORTED WITH (2) STUDS AT EACH BEARING POINT (UNO). INSTALL KING STUDS PER SECTION R602.1.5 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
7. ALL BEAMS, HEADERS, OR GIRDER TRUSSES PARALLEL TO WALL ARE TO BEAR FULLY ON (1) JACK OR (2) STUDS MINIMUM OR THE NUMBER OF JACKS OR STUDS NOTED. ALL BEAMS OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE 1 1/2" MINIMUM BEARING (UNO). ALL BEAMS OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY MORE THAN (3) STUDS OR OTHER NOTED COLUMN ARE TO BEAR FULLY ON SUPPORT COLUMN FOR ENTIRE WALL DEPTH (UNO). BEAM ENDS THAT BUTT INTO ONE ANOTHER ARE TO EACH BEAR EQUAL LENGTHS (UNO).
8. FLITCH BEAMS SHALL BE BOLTED TOGETHER USING 1/2" DIAMETER BOLTS (ASTM A307) WITH WASHERS PLACED AT THREADED END OF BOLT. BOLTS SHALL BE SPACED AT 24" CENTERS (MAXIMUM), AND STAGGERED AT TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE), WITH (2) BOLTS LOCATED AT 6" FROM EACH END (UNO).
9. ALL I-JOIST OR TRUSS LAYOUTS ARE TO BE IN COMPLIANCE WITH THE OVERALL DESIGN SPECIFIED ON THE PLANS. ALL DEVIATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
10. BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION WALL BRACING CRITERIA. THE AMOUNT, LENGTH, AND LOCATION OF BRACING SHALL COMPLY WITH ALL APPLICABLE TABLES IN SECTION R602.10.
11. PROVIDE DOUBLE JOIST UNDER ALL WALLS PARALLEL TO FLOOR JOISTS. PROVIDE SUPPORT UNDER ALL WALLS PARALLEL TO FLOOR TRUSSES OR I-JOISTS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT FOR ALL POINT LOADS ALONG OFFSET LOAD LINES.
12. FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 8'-0" IN LENGTH, REST A 6" x 4" x 5/16" STEEL ANGLE WITH 6" MINIMUM EMBEDMENT AT SIDES FOR BRICK SUPPORT (UNO). FOR ALL HEADERS 8'-0" AND GREATER IN LENGTH, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO HEADER WITH 1/2" LAG SCREWS AT 12" O.C. STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED w/ (4) 12d NAILS EA. PLY BETWEEN WALL STUDS WITH (2) ROWS OF 1/2" LAG SCREWS AT 12" O.C. STAGGERED AND IN ACCORDANCE WITH SECTION R703.8.2.1 OF THE NCRC, 2018 EDITION.
13. FOR STICK FRAMED ROOFS: CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF MEMBER SUPPORT. HIP SPLICES ARE TO BE SPACED A MINIMUM OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 12d NAILS AT 16" O.C. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS SHOWN (UNO).
14. FOR TRUSSED ROOFS: FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" O.C. BETWEEN ADJACENT ROOF TRUSSES. STICK FRAME OVER-FRAMED ROOF SECTIONS WITH 2 x 8 RIDGES, 2 x 6 RAFTERS AT 16" O.C. AND FLAT 2 x 10 VALLEYS (UNO).
15. ALL 4 x 4 AND 6 x 6 POSTS TO BE INSTALLED WITH 100 LB CAPACITY UPLIFT CONNECTORS TOP AND BOTTOM (UNO). POSTS MAY BE SECURED USING ONE SIMPSON H6 OR LT912 UPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST. ONE 16" SECTION OF SIMPSON C916 COIL STRAPPING WITH (8) 8d HDG NAILS AT EACH END MAY BE USED IN LIEU OF EACH TWIST STRAP IF DESIRED. FOR MASONRY OR CONCRETE FOUNDATION USE SIMPSON POST BASE.

SCALE NOTE:
LARGE FORMAT PRINTS ARE TO SCALE AS NOTED.
11" x 17" PRINTS ARE ONE HALF THE NOTED SCALE



1/31/2024

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N.C. LICENSE NO.: C-1733

HICKORY
DAVIDSON HOMES

DATE: JANUARY 26, 2024
SCALE: 1/4" = 1'-0"
DRAWN BY: MAIN STREET DESIGNS
ENGINEERED BY: JAG

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D-5
STANDARD
STRUCTURAL NOTES

Tobacco Road Lot 120

THIS LAYOUT IS INTENDED FOR THE PURPOSE OF TRUSS LOCATION AND PLACEMENT ONLY. REFER TO THE BUILDING PLANS FOR ACTUAL BUILDING CONSTRUCTION.



DEDICATED TO QUALITY AND EXCELLENCE
200 EMMETT ROAD
DUNN, NORTH CAROLINA 28334
PHONE: 910-892-8400

PROJECT: 120 Tobacco Road
CUSTOMER: Davidson Homes
MODEL: HICKORY II B - Floor
ORDER #: P05250-30081
PRINT DATE: 10/1/2025
DRAWN BY: GTG
SCALE: N.T.S

TOP LIVE LOAD:

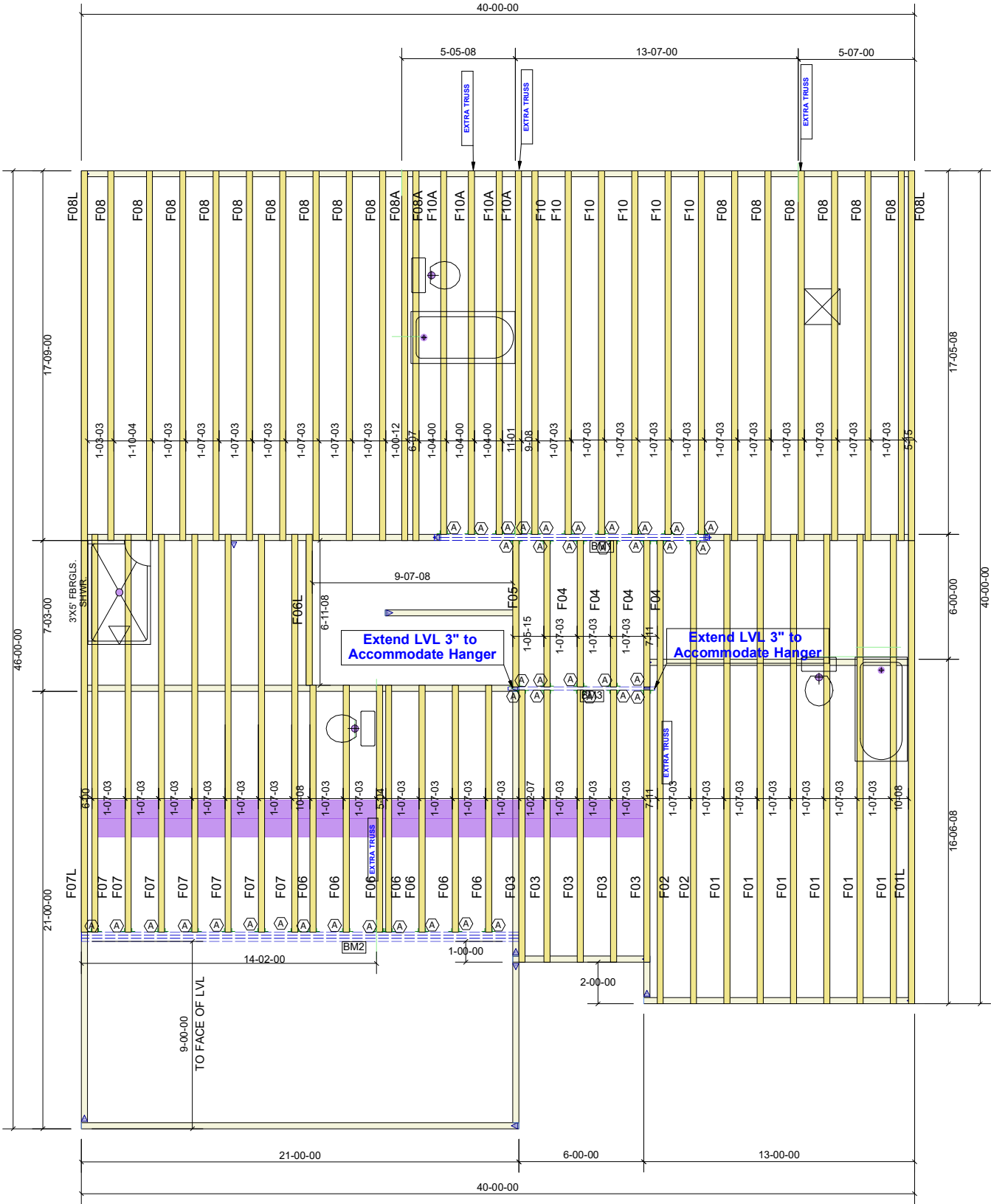
TOP DEAD LOAD:

BOTTOM LIVE LOAD:

BOTTOM DEAD LOAD:

GENERAL NOTES:

- DO NOT CUT OR MODIFY TRUSSES
- TRUSSES ARE SPACED 19.2" ON CENTER UNLESS OTHERWISE NOTED
- REFER TO THE INDIVIDUAL TRUSS DESIGN DRAWINGS FOR THE LOCATION OF LATERAL BRACING AND MULTI-PLY CONNECTION REQUIREMENTS.
- PER ANSI TPI 1-2002 THE TRUSS ENGINEER IS RESPONSIBLE FOR TRUSS TO TRUSS CONNECTIONS AND TRUSS PLY TO PLY CONNECTIONS. THIS TRUSS PLACEMENT PLAN RECOMMENDS TRUSS TO BEARING CONNECTIONS AND TRUSS TO BEAM CONNECTIONS WHICH SHALL BE REVIEWED BY THE BUILDING DESIGNER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO RESOLVE ALL ROOF FORCES ADEQUATELY TO THE FOUNDATION.



| Products | | | | | | |
|----------|---------|-------|--|----------|--------|--|
| Fab Type | Net Qty | Plies | Product | Length | PlotID | |
| MFD | 2 | 2 | 1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP | 14-00-00 | BM1 | |
| MFD | 1 | 1 | 1-3/4" x 14" VERSA-LAM® LVL 2.1E 3100 SP | 8-00-00 | BM3 | |
| MFD | 3 | 3 | 1-3/4" x 24" VERSA-LAM® LVL 2.1E 3100 SP | 24-00-00 | BM2 | |

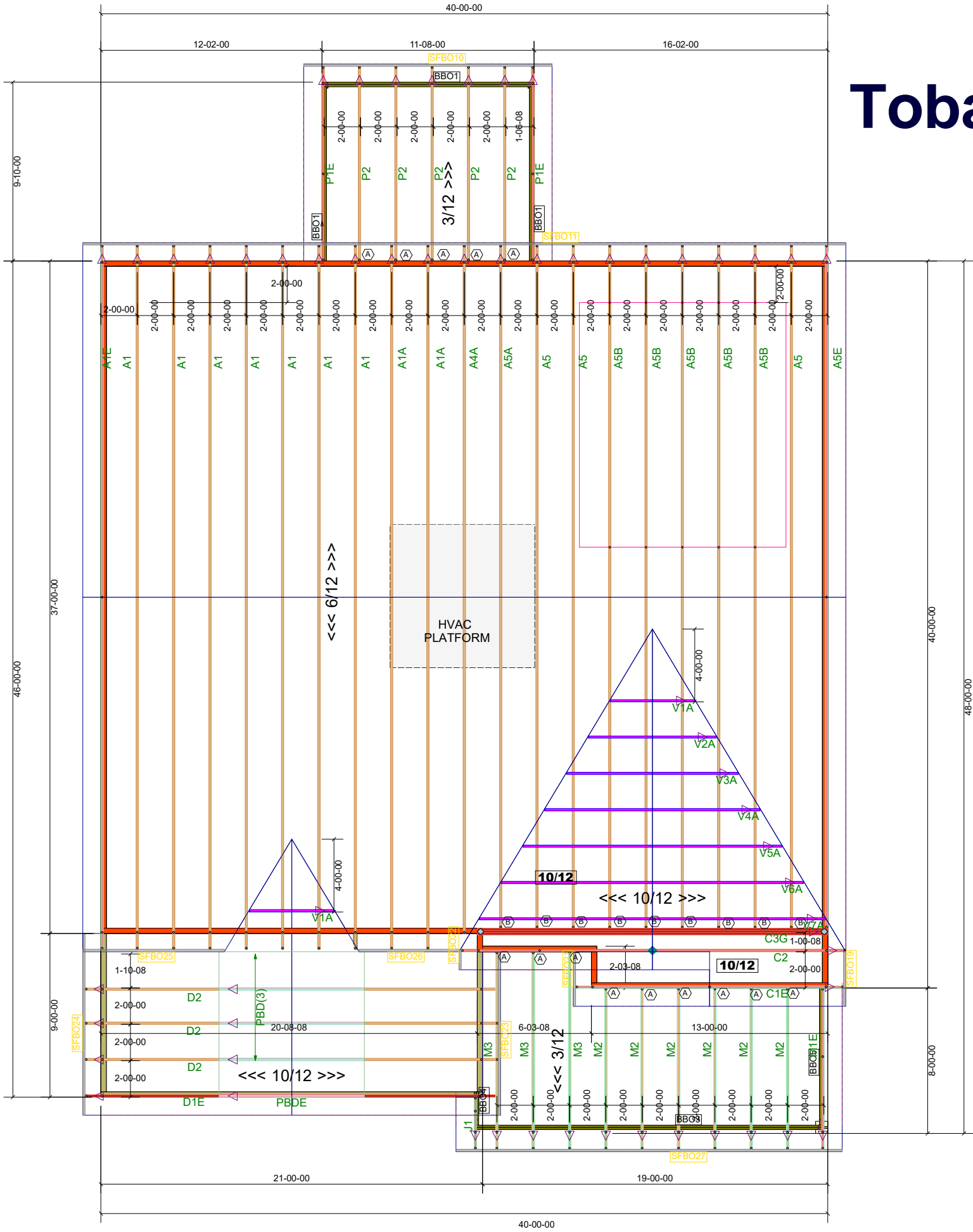
HANGER LIST

| | | |
|----|--------|---|
| 43 | LUS410 | A |
| - | - | B |
| - | - | C |

Tobacco Road Lot 120

| | | |
|------------------------|----------------------|----------------------|
| Crawl Level Floor Area | 1st Level Floor Area | 2nd Level Floor Area |
| 0 | 1515.81 | 0 |

Tobacco Road Lot 120



| HANGER LIST | | |
|-------------|-------|----|
| 14 | LUS26 | A |
| 9 | HUS26 | B |
| -- | -- | -- |



84 Components
200 Emmett RdDunn NC 28334
United States
Office: (910) 892-8400

Davidson Homes
120 Tobacco Rd
HICKORY II / B Roof
Job# - P05250 - 30080

Location 2383-Dunn

Designer GTG

DO NOT CUT, NOTCH, OR BORE HOLES
UNLESS SPECIFIC, WRITTEN PERMISSION IS
PROVIDED BY AN AUTHORIZED REPRESENTATIVE OF
84 LUMBER.

TRUSS INSTALLATION REQUIRES TEMPORARY AND
PERMANENT BRACING. GENERAL GUIDANCE IS
PROVIDED IN SBCA DOC's
B-1 and B-3. THESE ARE INCLUDED WITH EACH JOB
IN YOUR TRUSS PACKET.

Sheet # 1 of 1

Roof Truss
Placement Plan

NOT TO SCALE

DESIGNED DATE

9/29/2025