CHARLESTON 2
TB - 2464 - REV

NOTES:
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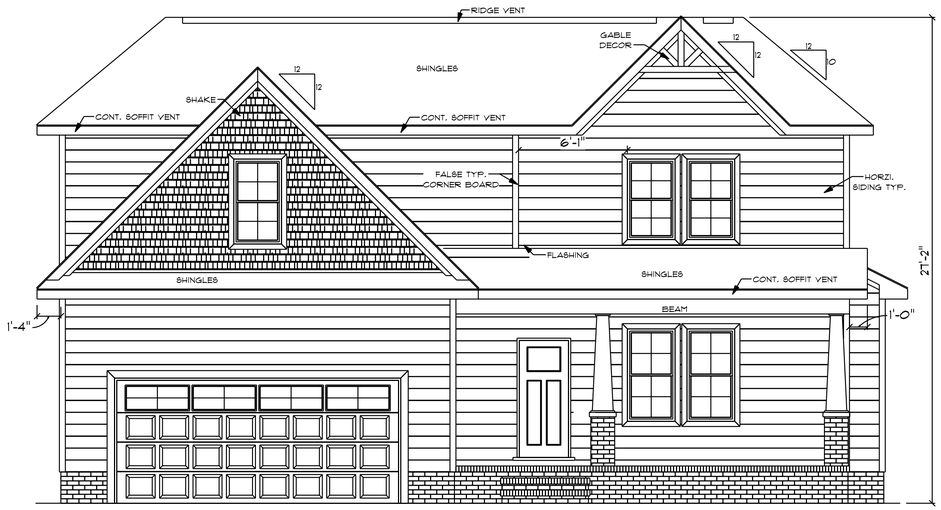
GCP Designs Group LLC
Designs You Can Trust

DATE: 6-5-2024
SUBDIVISION:
BUILDER:

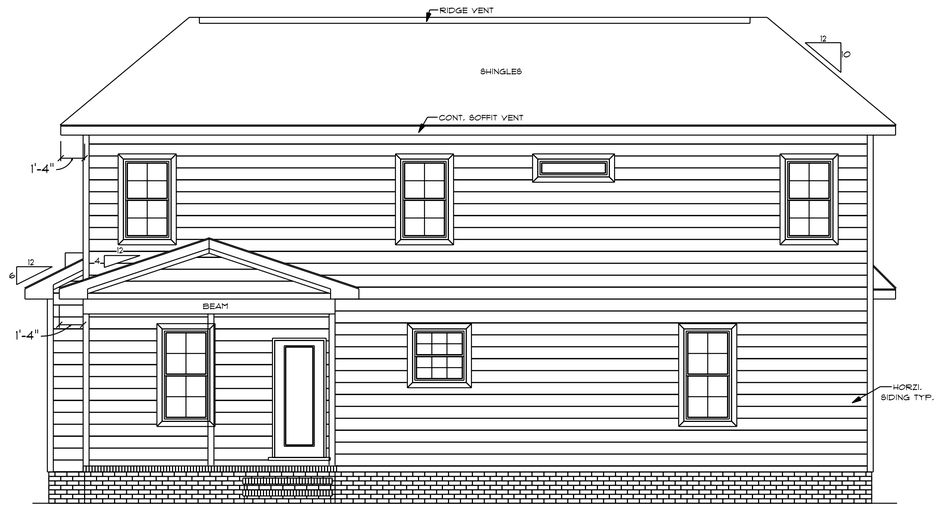
THOMPSON HOME BUILDERS LLC.



9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT ON FIRST FLOOR
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES

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

ATTIC VENTILATION - 2704 S/F / 300 = 17.75 S/F REQUIRED



REAR ELEVATION
SCALE: 1/4" = 1'0"

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

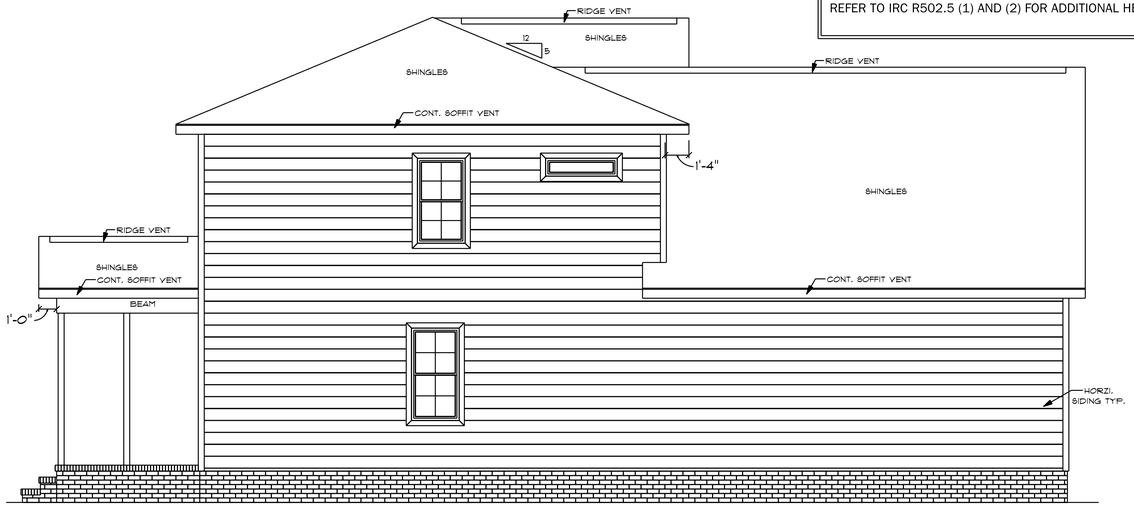
APPROVED
Limited building only review
Permit holder responsible for full compliance with the code

04/21/2025

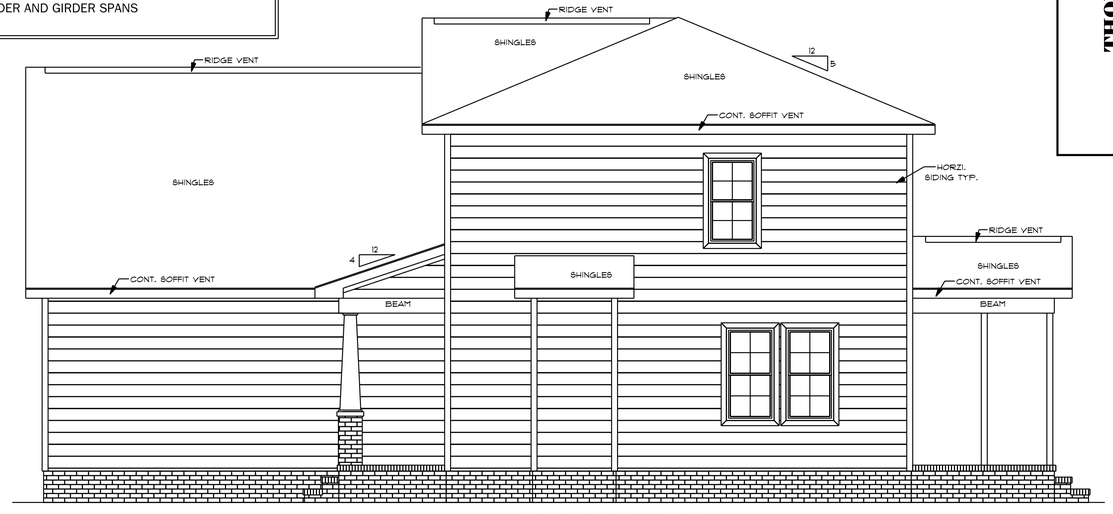
Harnett COUNTY NORTH CAROLINA

See notes

HEADER SPANS FOR LOAD BEARING WALLS	
SINGLE STORY:	TWO STORY:
2 PLY 2X6 4'2" MAX	2 PLY 2X6 3'7" MAX
2 PLY 2X8 5'4" MAX	2 PLY 2X8 4'6" MAX
2 PLY 2X10 7'6" MAX	2 PLY 2X10 6'2" MAX
2 - PLY 2X6 HEADER FOR ALL NON LOAD BEARING WALLS OSB BETWEEN ALL HEADER PLIES REFER TO IRC R502.5 (1) AND (2) FOR ADDITIONAL HEADER AND GIRDER SPANS	

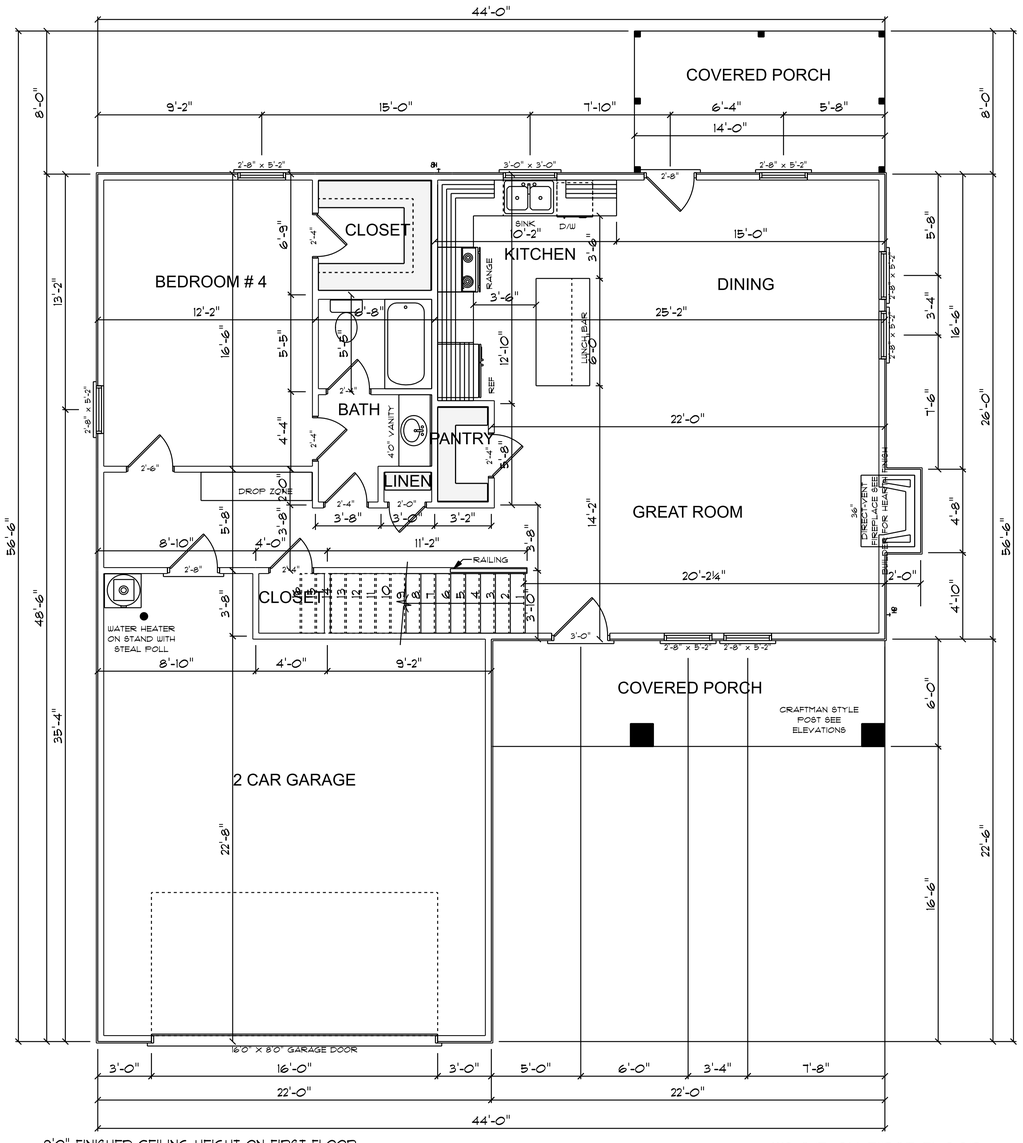


LEFT ELEVATION
SCALE: 1/4" = 1'0"



RIGHT ELEVATION
SCALE: 1/4" = 1'0"

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE 90, 110, 120, 130, 140, 150, MPH



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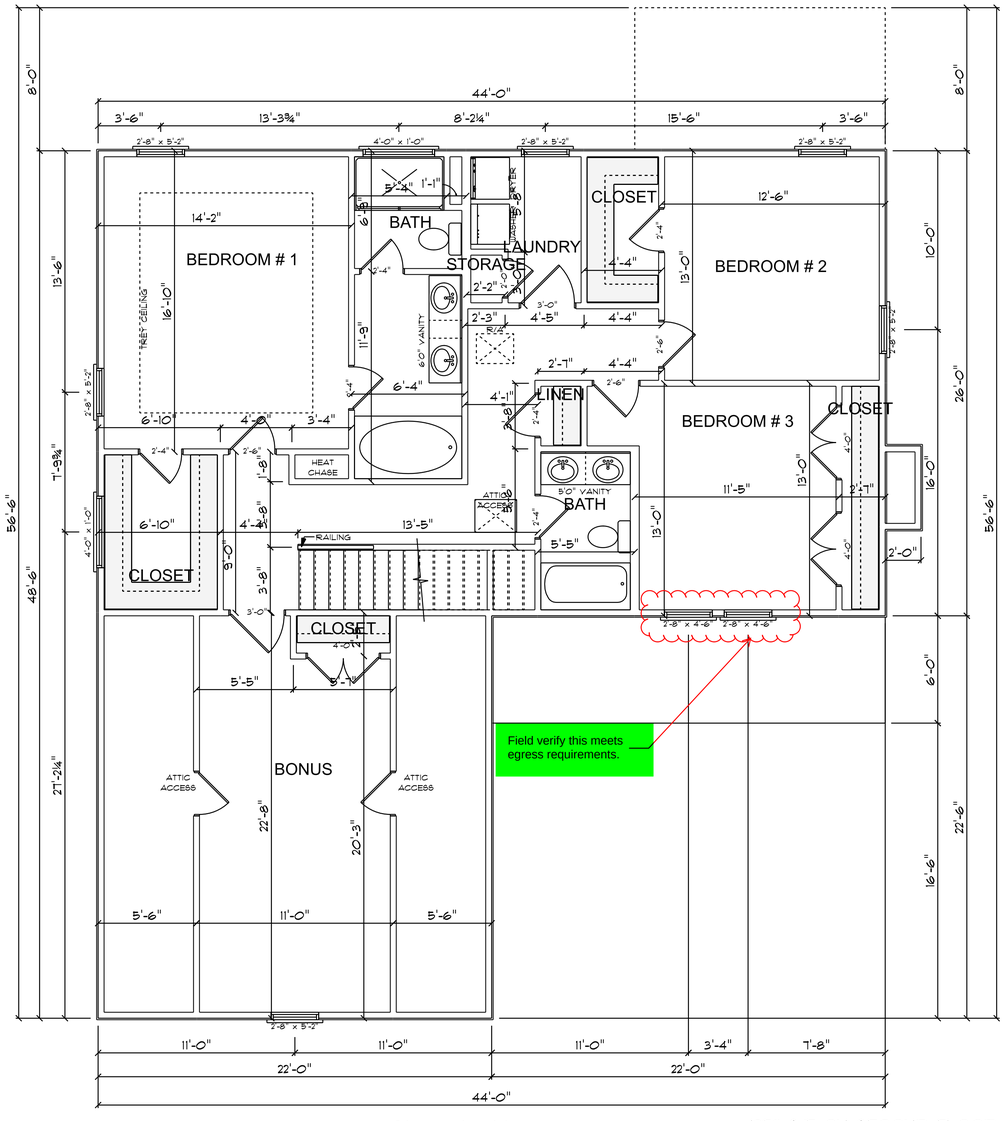
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES

FIRST FLOOR

SCALE: 1/4" = 1'0"

1112 S/F ON FIRST FLOOR
1352 S/F ON SECOND FLOOR
2464 S/F TOTAL HEATED AREA
526 S/F IN 2 CAR GARAGE
130 S/F ON FRONT PORCH
110 S/F ON REAR PORCH



SECOND FLOOR

SCALE: 1/4" = 1'0"

1352 S/F ON SECOND FLOOR

CHARLESTON 2
TB - 2464 - REV

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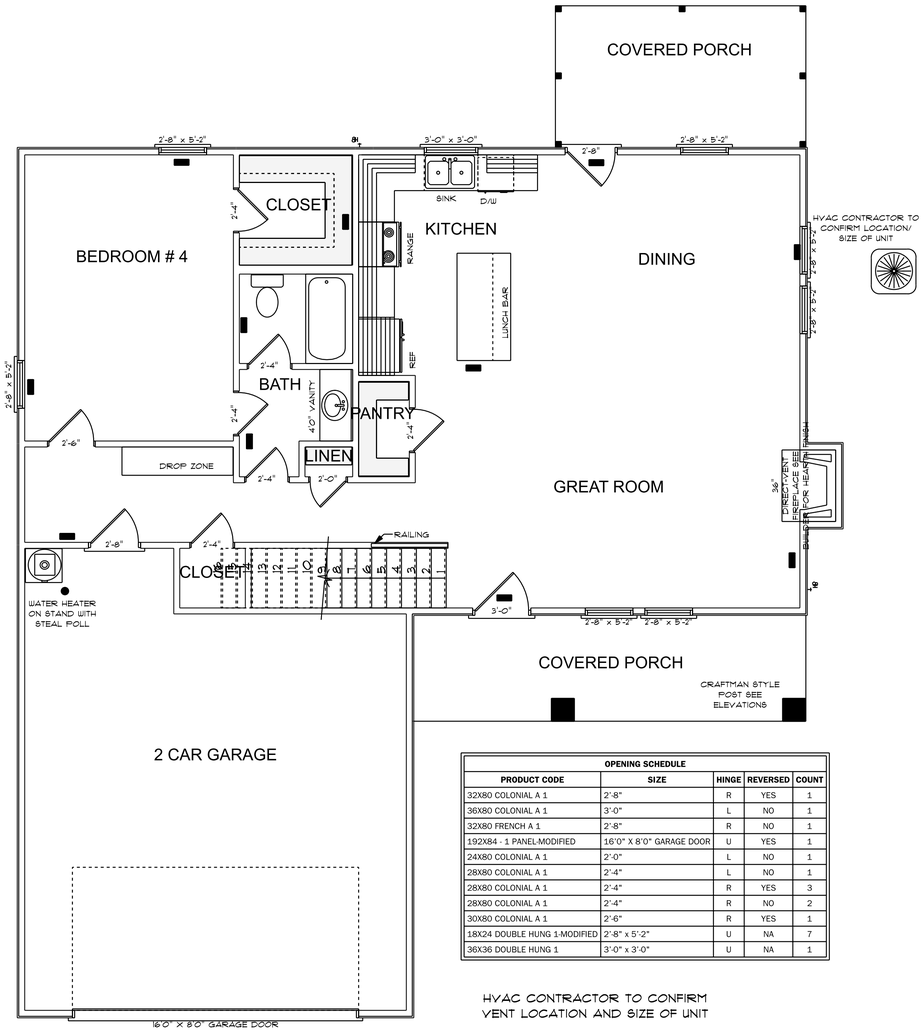


OPENING SCHEDULE				
PRODUCT CODE	SIZE	HINGE	REVERSED	COUNT
32X80 COLONIAL A 1	2'-8"	R	YES	1
36X80 COLONIAL A 1	3'-0"	L	NO	1
32X80 FRENCH A 1	2'-8"	R	NO	1
192X84 - 1 PANEL-MODIFIED	16'0" X 8'0" GARAGE DOOR	U	YES	1
24X80 COLONIAL A 1	2'-0"	L	NO	1
28X80 COLONIAL A 1	2'-4"	L	NO	1
28X80 COLONIAL A 1	2'-4"	R	YES	3
28X80 COLONIAL A 1	2'-4"	R	NO	2
30X80 COLONIAL A 1	2'-6"	R	YES	1
18X24 DOUBLE HUNG 1-MODIFIED	2'-8" x 5'-2"	U	NA	7
36X36 DOUBLE HUNG 1	3'-0" x 3'-0"	U	NA	1

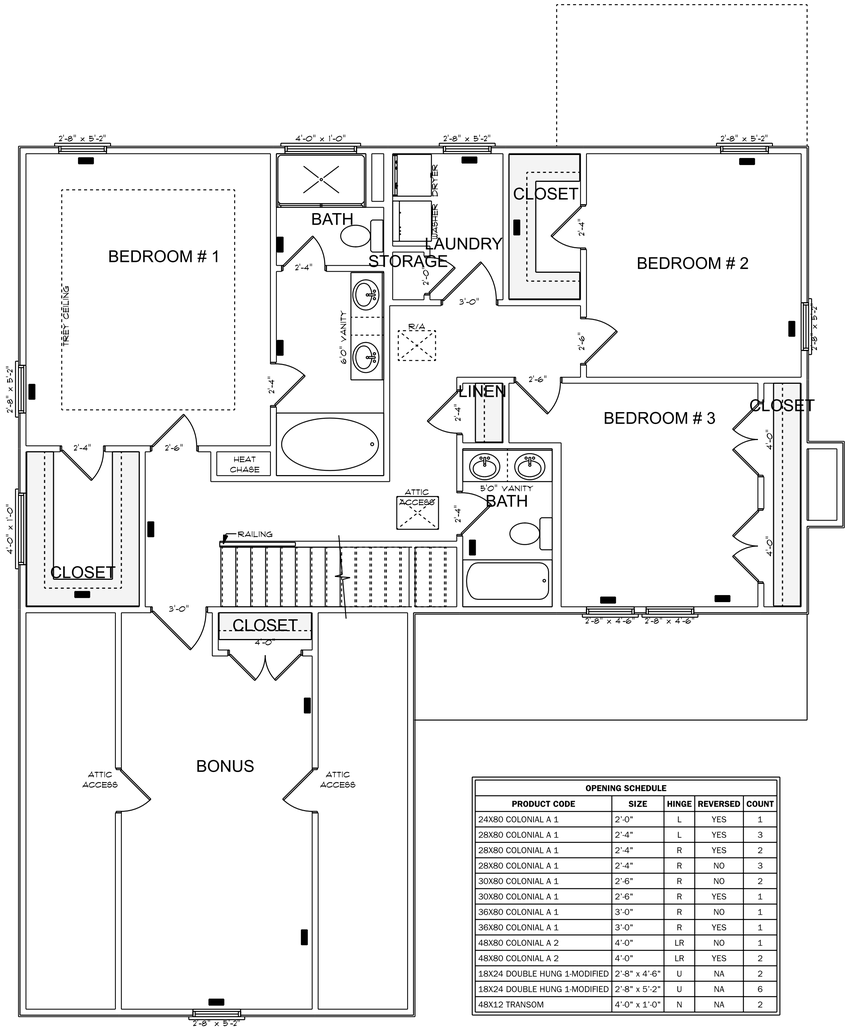
HVAC CONTRACTOR TO CONFIRM VENT LOCATION AND SIZE OF UNIT

9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT ON FIRST FLOOR
8'0" FINISHED CEILING HEIGHT ON SECOND FLOOR
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES

HVAC PLAN
FIRST FLOOR

SCALE: 1/4" = 1'0"

1112 S/F ON FIRST FLOOR
1352 S/F ON SECOND FLOOR
2464 S/F TOTAL HEATED AREA
526 S/F IN 2 CAR GARAGE
130 S/F ON FRONT PORCH
110 S/F ON REAR PORCH



OPENING SCHEDULE				
PRODUCT CODE	SIZE	HINGE	REVERSED	COUNT
24X80 COLONIAL A 1	2'-0"	L	YES	1
28X80 COLONIAL A 1	2'-4"	L	YES	3
28X80 COLONIAL A 1	2'-4"	R	YES	2
28X80 COLONIAL A 1	2'-4"	R	NO	3
30X80 COLONIAL A 1	2'-6"	R	NO	2
30X80 COLONIAL A 1	2'-6"	R	YES	1
36X80 COLONIAL A 1	3'-0"	R	NO	1
36X80 COLONIAL A 1	3'-0"	R	YES	1
48X80 COLONIAL A 2	4'-0"	LR	NO	1
48X80 COLONIAL A 2	4'-0"	LR	YES	2
18X24 DOUBLE HUNG 1-MODIFIED	2'-8" x 4'-6"	U	NA	2
18X24 DOUBLE HUNG 1-MODIFIED	2'-8" x 5'-2"	U	NA	6
48X12 TRANSOM	4'-0" x 1'-0"	N	NA	2

HVAC PLAN
SECOND FLOOR

SCALE: 1/4" = 1'0"

1352 S/F ON SECOND FLOOR

CHARLESTON 2
TB - 2464 - REV

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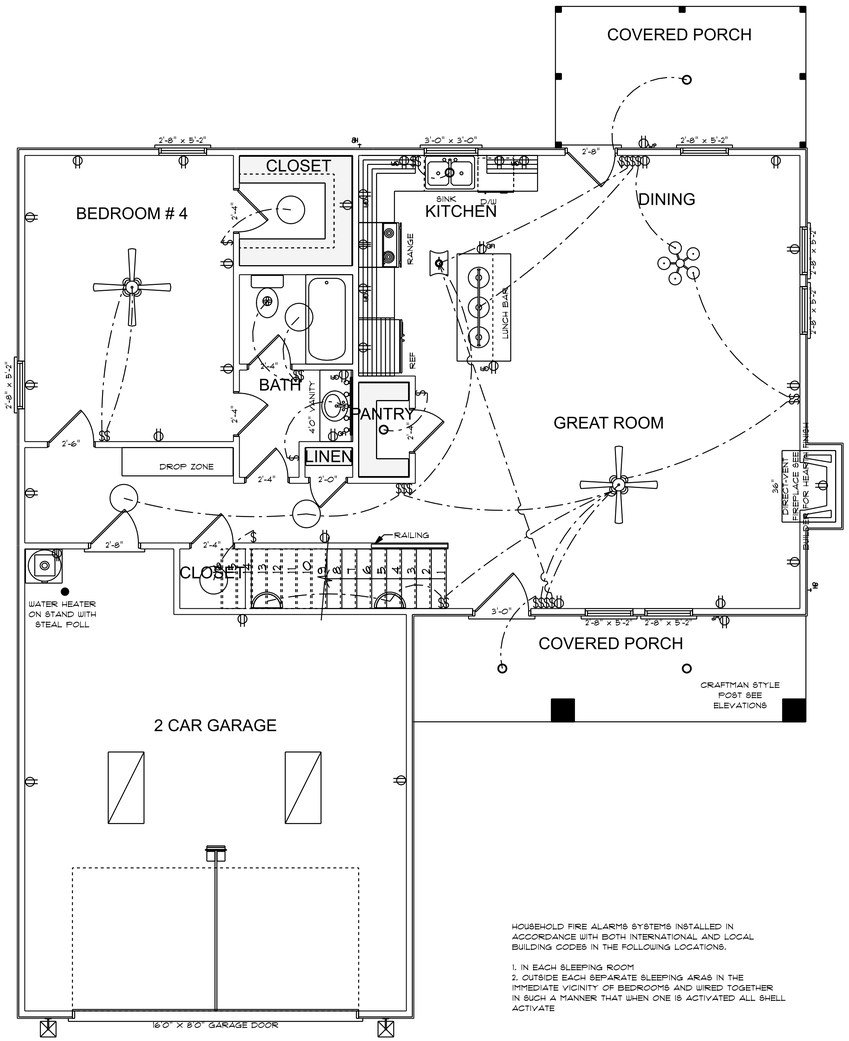
ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 01	2	
billiard light	1	
can light 6inch	5	
ceiling light 03	5	
ceiling light 17	1	
ceiling teorema	1	
fluorescent light 2 x 4	2	
exterior craftsman light fixture	2	
garage door opener with track	1	
fan	1	
outlet	23	
outlet 220v	2	
outlet gfi	8	
switch	4	
switch double	5	
switch quad	2	
switch triple	1	
italian sconce 01	2	
vanity bar light 01	1	
outlet wp	2	



HOUSEHOLD FIRE ALARMS SYSTEMS INSTALLED IN ACCORDANCE WITH BOTH INTERNATIONAL AND LOCAL BUILDING CODES IN THE FOLLOWING LOCATIONS.

1. IN EACH SLEEPING ROOM
2. OUTSIDE EACH SEPARATE SLEEPING ARAS IN THE IMMEDIATE VICINITY OF BEDROOMS AND WIRED TOGETHER IN SUCH A MANNER THAT WHEN ONE IS ACTIVATED ALL SHELL ACTIVATE

ELECTRICAL PLAN
FIRST FLOOR
SCALE: 1/4" = 1'0"

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF OUTLET AND FIXTURES, SEE HOME OWNER FOR TYPE AND STYLE OF ELECTRICAL FIXTURES

9'0" FINISHED CEILING HEIGHT ON FIRST FLOOR
7'4" WINDOW HEADER HEIGHT ON FIRST FLOOR
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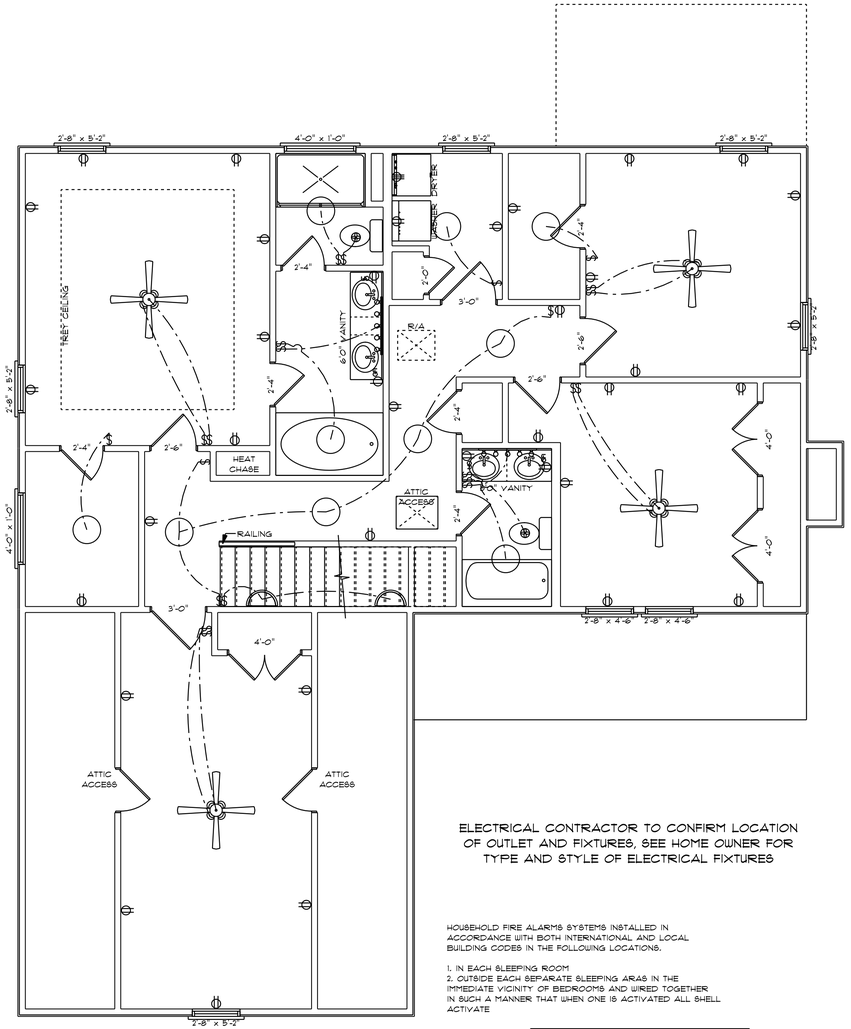
6'8" WINDOW HEADER HEIGHT ON SECOND FLOOR
CANTILEVER ALL ROOF TRUSSES



SCALE: 1/4" = 1'0"

ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF OUTLET AND FIXTURES, SEE HOME OWNER FOR TYPE AND STYLE OF ELECTRICAL FIXTURES

HOUSEHOLD FIRE ALARMS SYSTEMS INSTALLED IN ACCORDANCE WITH BOTH INTERNATIONAL AND LOCAL BUILDING CODES IN THE FOLLOWING LOCATIONS.

1. IN EACH SLEEPING ROOM
2. OUTSIDE EACH SEPARATE SLEEPING ARAS IN THE IMMEDIATE VICINITY OF BEDROOMS AND WIRED TOGETHER IN SUCH A MANNER THAT WHEN ONE IS ACTIVATED ALL SHELL ACTIVATE

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 01	4	
ceiling light 03	10	
dryer outlet 220v	1	
fan	2	
outlet	32	
outlet gfi	4	
switch	5	
switch double	7	
switch triple	1	
italian sconce 01	2	
vanity bar light 01	2	

CHARLESTON 2
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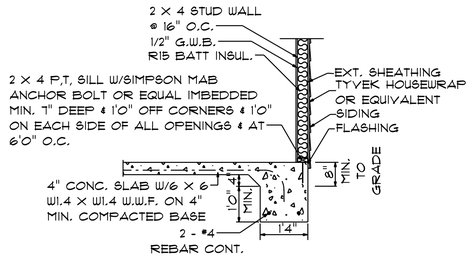
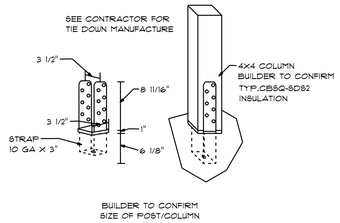
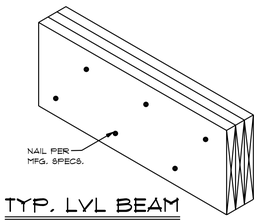


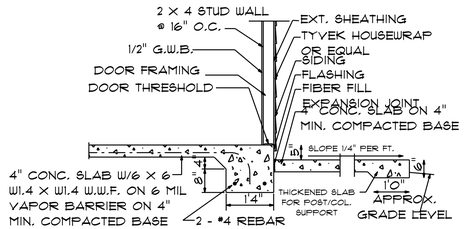
EXTERIOR WALL W/SIDING



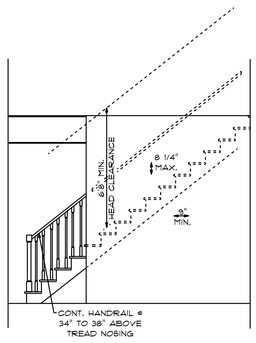
TYP. TIE DOWN DETAIL



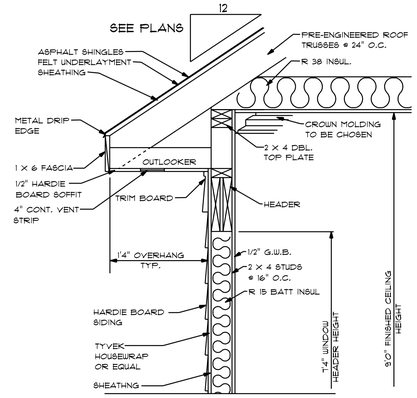
TYP. LVL BEAM



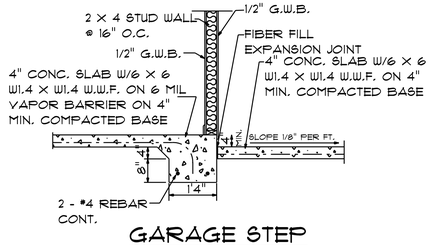
EXTERIOR WALL @ PORCH W/SIDING



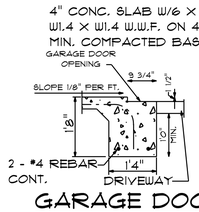
TYPICAL STAIR DETAIL



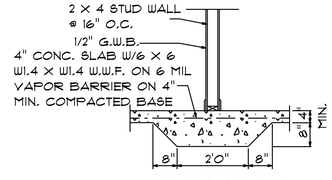
TYP. OVERHANG DETAIL



GARAGE STEP DOWN



GARAGE DOOR WATER STOP



LUG FOOTING

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CHARLESTON 2
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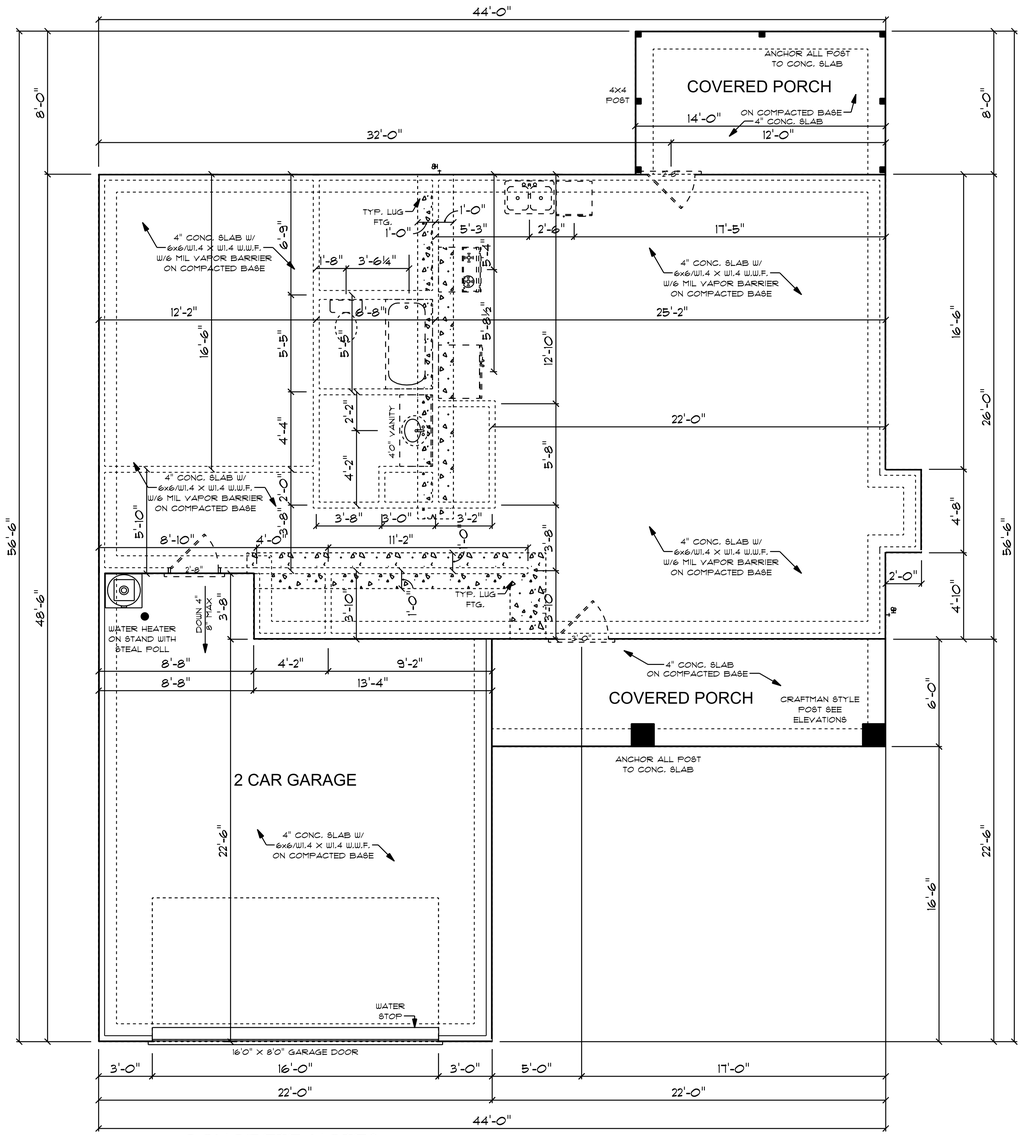

CONCRETE NOTES

NOTES:
1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
2) CONCRETE COMPRESSIVE STRENGTH @ END OF 28 DAYS (MIN)
FOUNDATIONS, FOOTING, & INTERIOR SLABS = 3000 psi.
EXTERIOR SLAB (EXPOSED TO WEATHER) = 3500 psi.

FOUNDATION PLAN

SCALE: 1/4" = 1'0"

1112 S/F ON FIRST FLOOR
1352 S/F ON SECOND FLOOR
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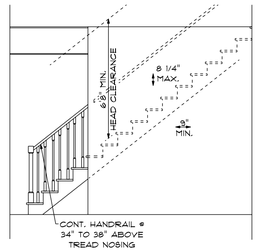
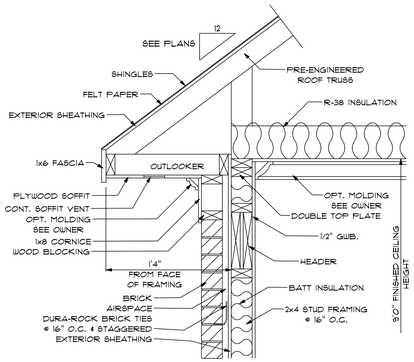


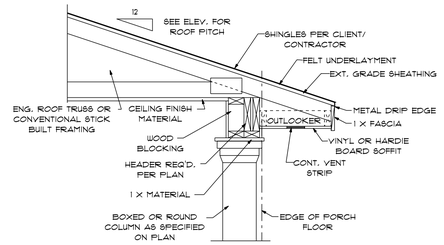
TYPICAL STAIR DETAIL

NTS



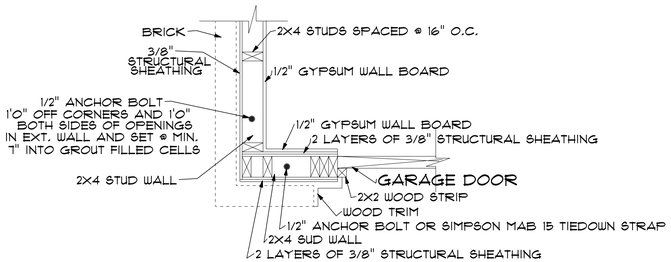
OVERHANG DETAIL

SCALE: 1" = 1'0"



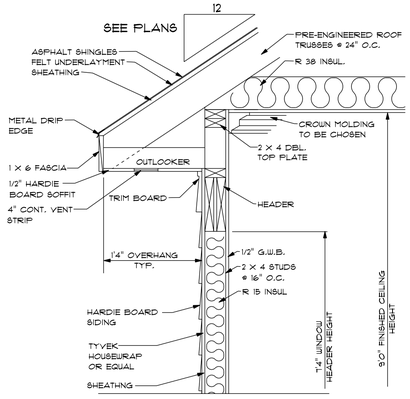
PORCH ROOF/HEADER W/BOXED OR ROUND COLUMN

SCALE: 3/4" = 1'0"



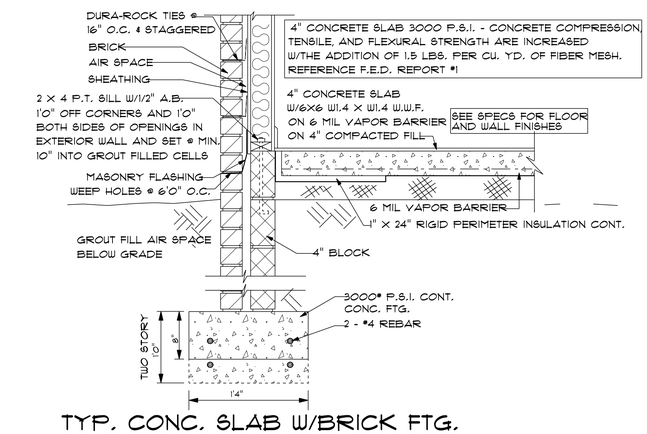
TOP VIEW OF DOUBLE-SIDED BRACED WALL

SCALE: 1" = 1'0"



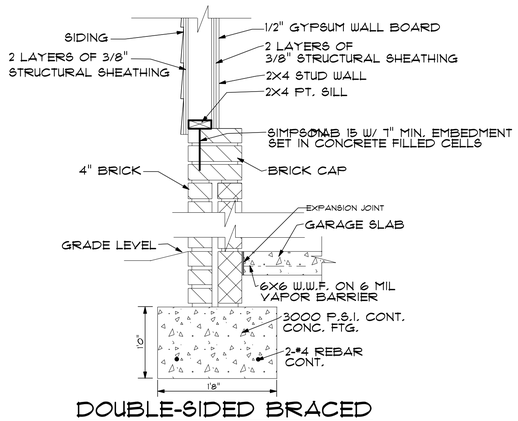
TYP. OVERHANG DETAIL

SCALE: 1" = 1'0"



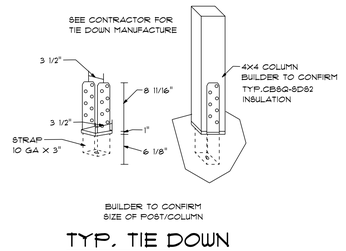
TYP. CONC. SLAB W/BRICK FTG.

SCALE: 1" = 1'0"



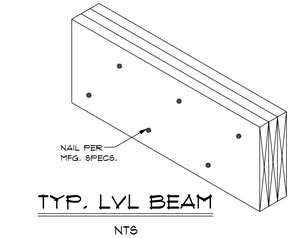
DOUBLE-SIDED BRACED WALL - BRICK INTERIOR

SCALE: 1" = 1'0"



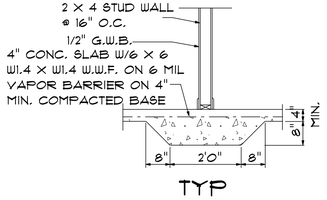
TYP. TIE DOWN DETAIL

NTS



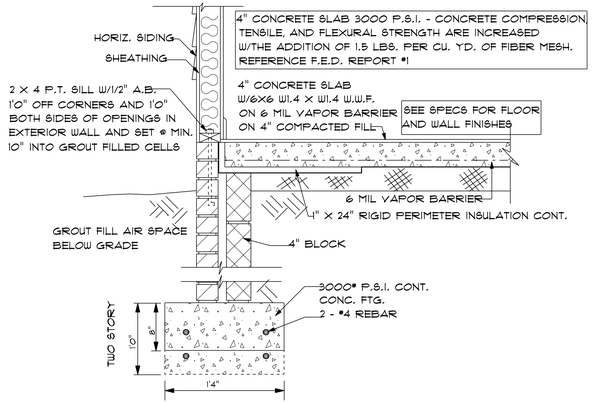
TYP. LVL BEAM

NTS



TYP LUG FOOTING

NTS



TYP. CONC. SLAB W/SIDING FTG.

SCALE: 1" = 1'0"

NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED BY FINISH GRADE.
3. CONTRACTOR MUST VERIFY OR EXCEED ALL LOCAL BUILDING CODES/NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION MEANS AND METHODS OF CONSTRUCTION
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL HAVE STRUCTURAL ENG. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS

CHARLESTON 2
TB - 2464 - REV

GCP Designs Group LLC
Designs You Can Trust

DATE: 6-5-2024

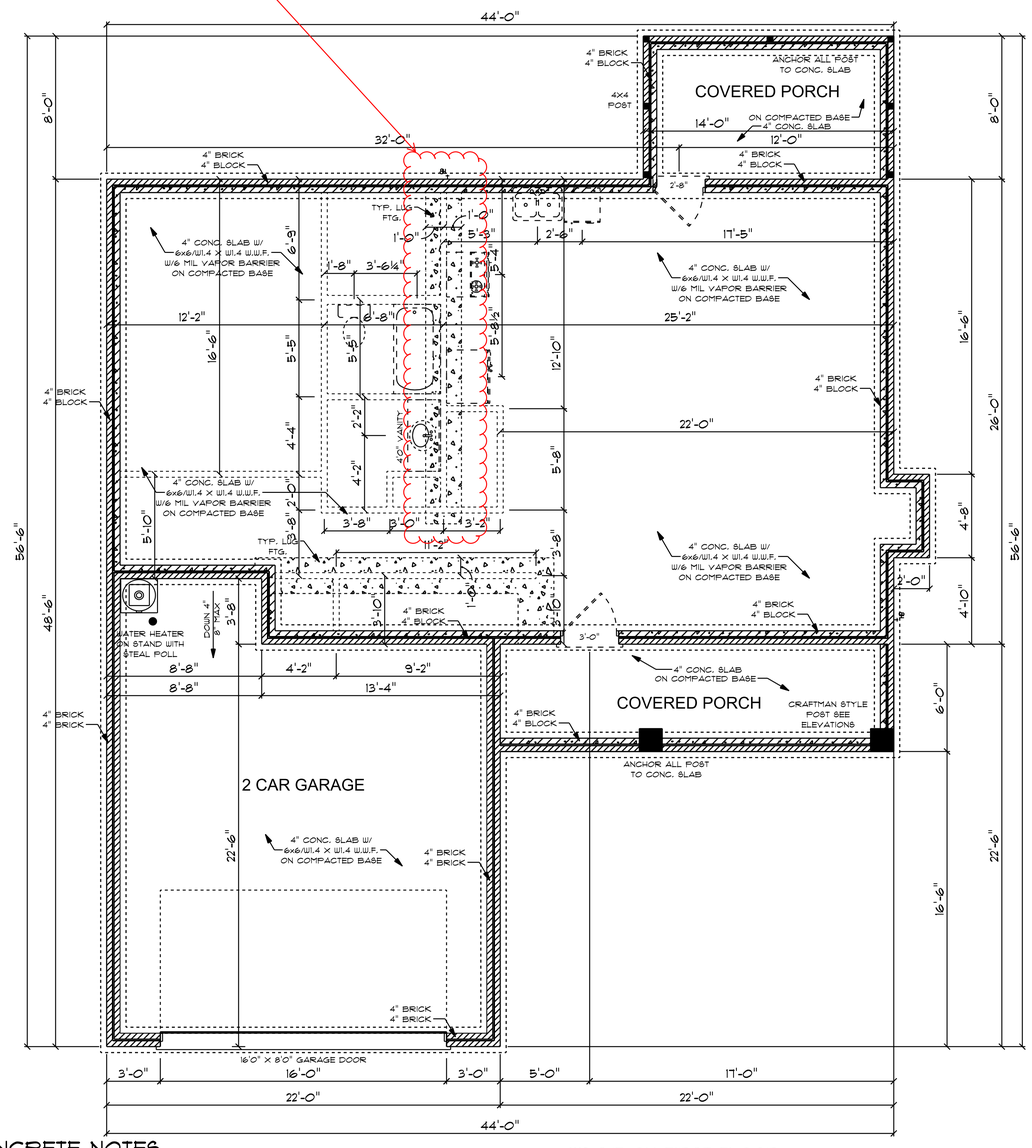
SUBDIVISION:

BUILDER:

THOMPSON HOME BUILDERS LLC.

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE (90, 110, 120, 130, 140, 150, MPH

What is this for?



CONCRETE NOTES

NOTES:
1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
2) CONCRETE COMPRESSIVE STRENGTH @ END OF 28 DAYS (MIN)
FOUNDATIONS, FOOTING, & INTERIOR SLABS = 3000 psi.
EXTERIOR SLAB (EXPOSED TO WEATHER) = 3500 psi.

FOUNDATION PLAN

SCALE: 1/4" = 1'0"

1112 S/F ON FIRST FLOOR
1352 S/F ON SECOND FLOOR
2464 S/F TOTAL HEATED AREA
526 S/F IN 2 CAR GARAGE
130 S/F ON FRONT PORCH
110 S/F ON REAR PORCH

CHARLESTON 2
TB - 2464 - REV

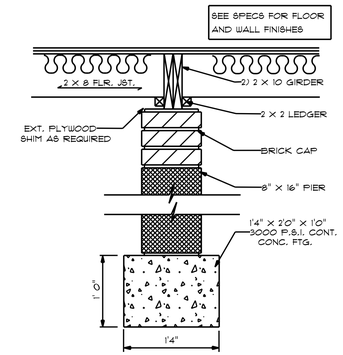
NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON STREET GRADE.
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES OR MISINTERPRETATIONS MADE DURING CONSTRUCTION
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL HAVE STRUCTURAL ENG. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS

GCP Designs Group LLC
Designs You Can Trust

DATE: 6-5-2024
SUBDIVISION:
BUILDER:

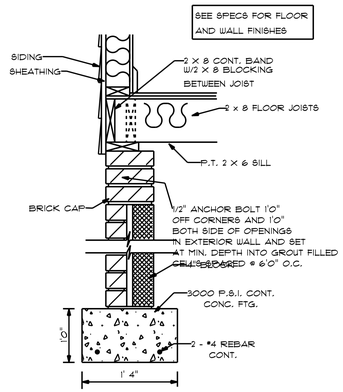
THOMPSON HOME BUILDERS LLC.

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE 100, 110, 120, 130, 140, 150, MPH



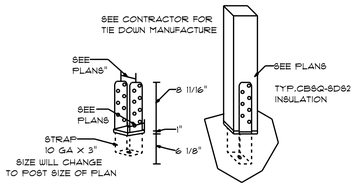
TYP. NON-BEARING GIRDER

SCALE: 1" = 1'0"



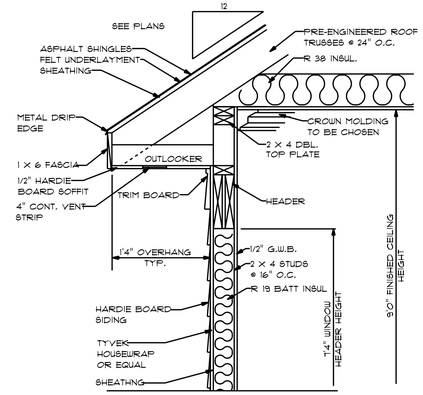
TYP. SIDING EXT. WALL DET.

NTS



TYP. TIE DOWN DETAIL

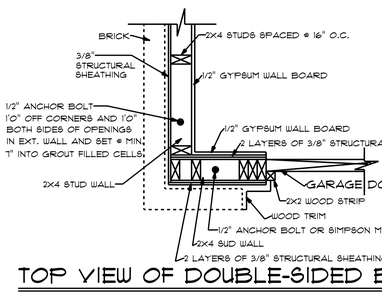
NTS



TYP. OVERHANG DETAIL

SCALE: 1" = 1'0"

NOTES:
1. ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED BY FINAL GRADE.
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION METHODS AND SAFETY DURING CONSTRUCTION
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL HAVE STRUCTURAL ENG. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS



TYP. BEARING GIRDER POINT LOAD

NTS

TYP. BEARING GIRDER NON-POINT LOAD

NTS

TYP. BRICK EXT. WALL DET.

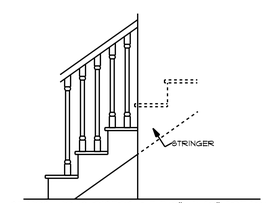
SCALE: 1" = 1'0"

SLAB & CRAWL SPACE WALL

NTS

TOP VIEW OF DOUBLE-SIDED BRACED WALL

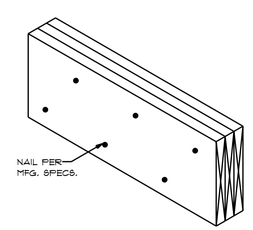
NTS



STAIRS: UP 18 RISERS @ 7 5/8" W/ 10" TREADS AND 1" NOSING

STAIR DETAIL

SCALE: 1/2" = 1'0"



TYP. LVL BEAM

SCALE: 1" = 1'0"

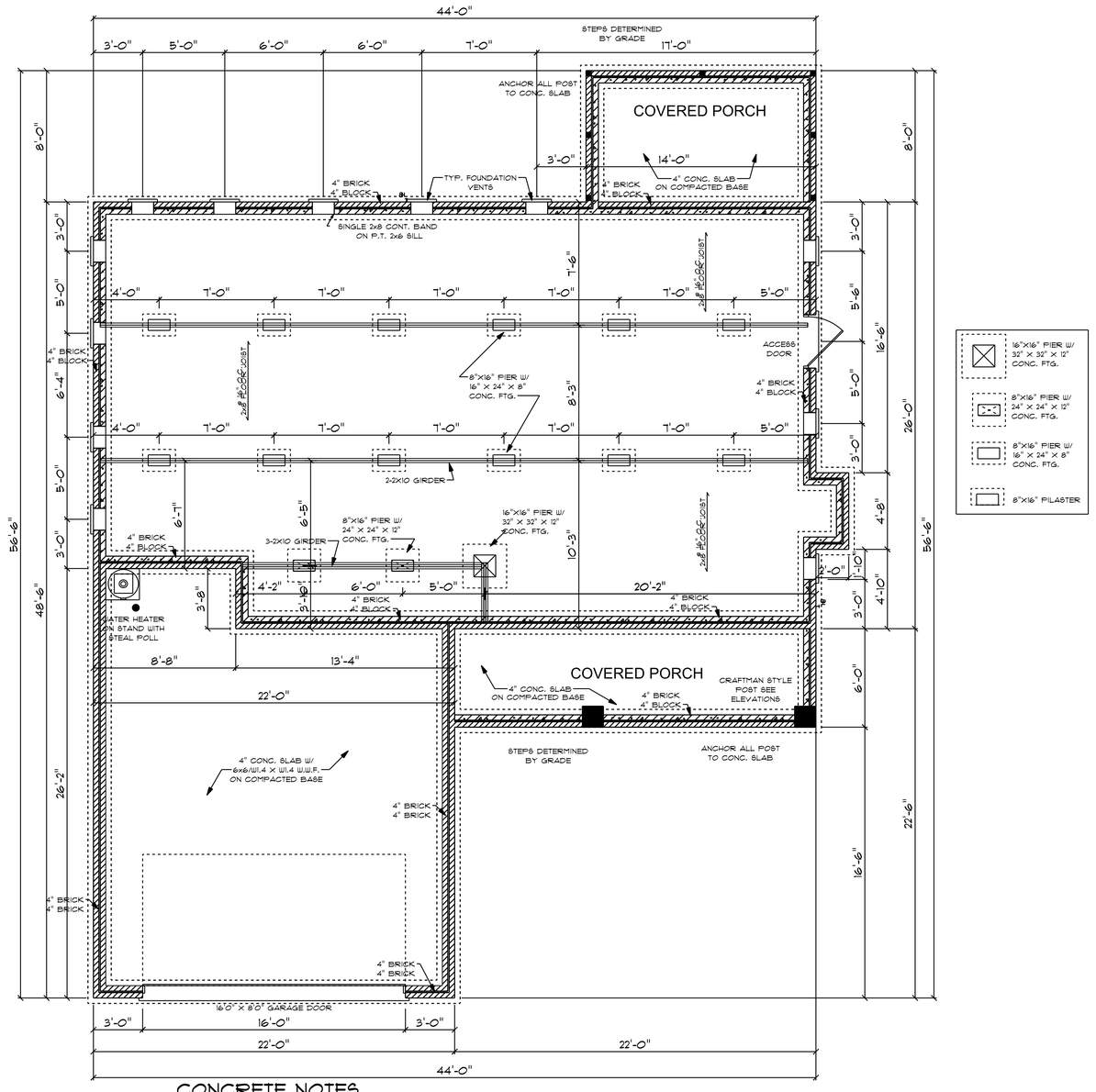
NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE 100, 110, 120, 130, 140, 150, MPH

CHARLESTON 2
TB - 2464 - REV

GCP Designs Group LLC
Designs You Can Trust

DATE: 6-5-2024
SUBDIVISION:
BUILDER:

THOMPSON HOME BUILDERS LLC.



CONCRETE NOTES

NOTES:
1) MINIMUM SOIL BEARING CAPACITY: 2000 psf.
2) CONCRETE COMPRESSIVE STRENGTH @ END OF 28 DAYS (MIN)
FOUNDATIONS, FOOTING, & INTERIOR SLABS = 3000 psi.
EXTERIOR SLAB (EXPOSED TO WEATHER) = 3500 psi.

FOUNDATION PLAN

SCALE: 1/4" = 1'0"

FOUNDATION VETILIZATION - 2464 S/F / 150 = 16.42 S/F REQUIRED

1112 S/F ON FIRST FLOOR
1352 S/F ON SECOND FLOOR
2464 S/F TOTAL HEATED AREA
526 S/F IN 2 CAR GARAGE
130 S/F ON FRONT PORCH
110 S/F ON REAR PORCH

CHARLESTON 2
TB - 2464 - REV

NOTES:
1.) ALL FINAL MATERIALS ARE TO BE CHOSEN BY HOME OWNER AND / OR BUILDER.
2. FINAL NUMBER OF EXTERIOR STEPS WILL BE DETERMINED ON SITE BY GRADE
3. CONTRACTOR MUST MEET OR EXCEED ALL LOCAL BUILDING CODES.(NC 2018)
4. DESIGNER ASSUMES NO RESPONSIBILITY FOR CHANGES OR ISSUES THAT MAY ARISE DURING CONSTRUCTION
5. ALL STRUCTURAL INFO SHOWN ON PLANS ARE FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL HAVE STRUCTURAL ENG. REVIEW AND DESIGN ALL STRUCTURAL ELEMENTS

GCP Designs Group LLC
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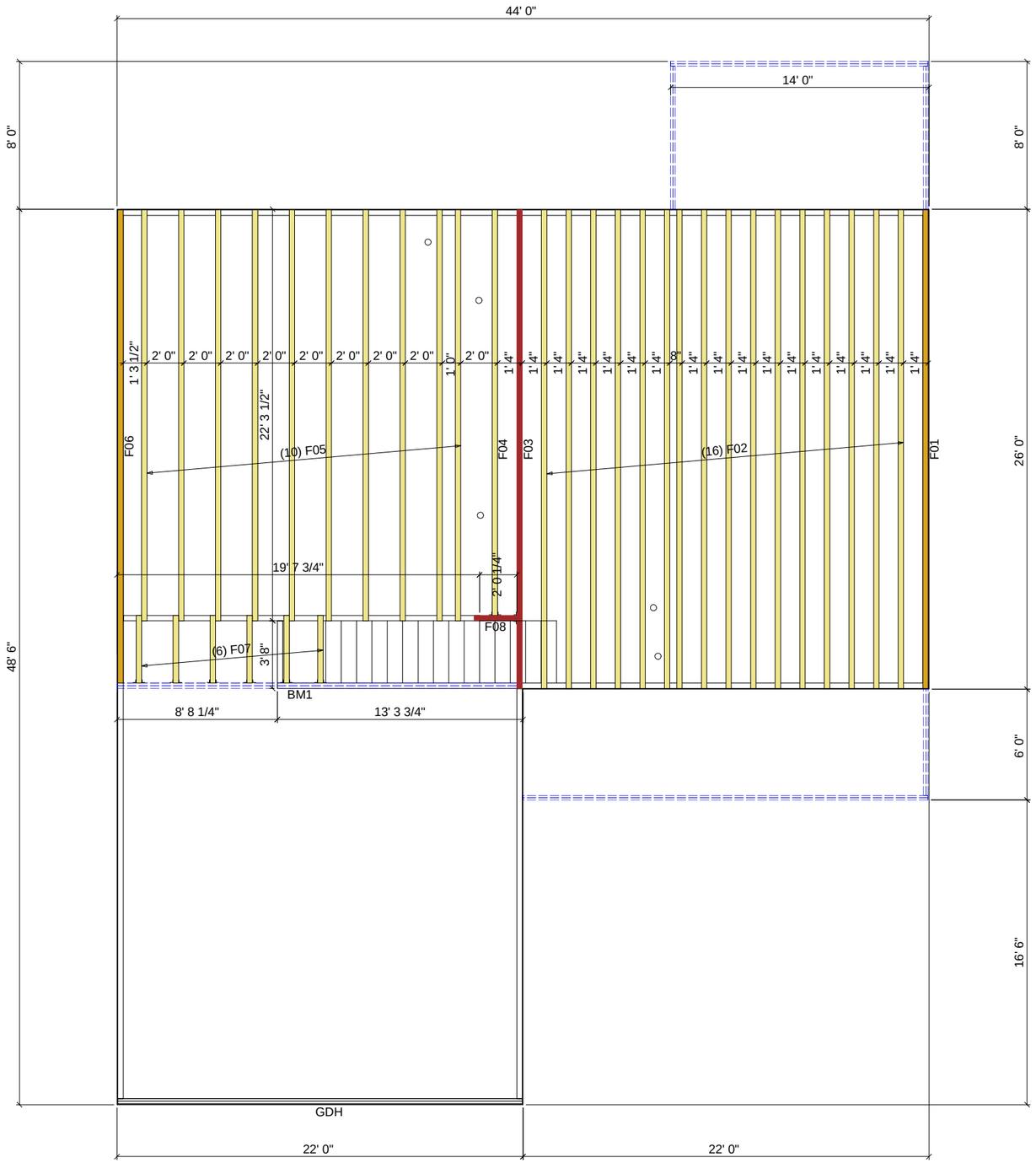
DATE: 6-5-2024

SUBDIVISION:

BUILDER:

THOMPSON HOME BUILDERS LLC.

NOTE:
BUILDING CONTRACTOR TO MEET LOCAL WIND LOADS PER LOCAL CODE AS IT PERTAINS TO LOCATION OF HOUSE 90, 110, 120, 130, 140, 150, MPH



Products				
PlotID	Length	Product	Plies	Net Qty
BM1	22' 0"	1 3/4" x 16" LVL	2	2
GDH	22' 0"	1-3/4" x 11-7/8" LVL	2	2

Truss To Truss Connector List			
Supporting Mtl	Qty	Product	Supported Mtl
BM1	6	LUS410	F07
F03,F08	2	THA422	F04,F08

Truss Connector Total List		
Manuf	Product	Qty
	LUS410	6
	THA422	2

FLOOR TRUSS NOTES:

DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol -** *(NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de realizar cualquier modification.)*

1. This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
2. The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
3. The wood components shown on this diagram are to be used in dry service (moisture content<19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.
4. Refer to the Truss Design Drawings for specific information about each individual truss design.
5. The Truss Technician shall provide Truss-to-Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
6. The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
7. Floor Trusses have been spaced as specified in the plans or as directed by the contractor / customer. BFS recommends that the contractor / customer consider economics, floor performance, floor coverings, and accessibility when selecting the floor truss spacing.
8. Inflexible floor coverings, such as ceramic tile, require careful consideration and planning by the contractor. The contractor shall select and use an approved floor covering assembly for the chosen floor covering and floor truss spacing used in the project. Ceramic tile assemblies are shown in the TCNA Handbook for Ceramic, Glass, and Stone Installation. Builders FirstSource is not responsible for floor covering related issues.
9. The builder / owner is to inform Builders FirstSource of any additional loads placed on floor trusses, such as loads from structural members, heavy granite island countertops, fireplace surrounds, etc. If we do not note these additional loads on the placement diagram or truss design drawings, then they have not been added.
10. This Placement Diagram may show approximate plumbing drop locations with a corresponding truss layout. With or without this information, the contractor shall insure that the installer verifies all plumbing locations and installs trusses to avoid interference. Consider all plumbing such as toilets, tub drain and overflow, showers, etc. The contractor shall also plan for other potential utility conflicts.
11. Floor truss spacing may be altered to avoid plumbing interference. Avoid overloading single trusses due to truss spacing shifts. Do not exceed allowable span rating of the subfloor sheathing used.
12. Floor trusses shall be fully sheathed on the top chord. The builder shall select structural sheathing that meets the truss spacing requirement as well as the desired long term performance characteristics for the specific assembly.
13. Strongbacks are either recommended or required as Shown on the Truss Design Drawings. BFS recommends installing strongbacks for all floor trusses to improve floor performance and allow load sharing between trusses.
14. This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.

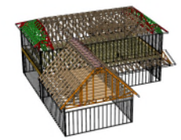
WARNING:

TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. **Espanol** - *(TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION. NO HACERLO PODRIA RESULTAR EN LESIONES O MUERTE.)*

1. Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. Failure to follow these specifications may result in injury or death.
2. Floor trusses shall be temporarily restrained during installation. DO NOT WALK ON UNRESTRAINED FLOOR TRUSSES. Unrestrained floor trusses may suddenly collapse or roll over and may cause injury or death.
3. **BCSI INSTRUCTIONS SHALL BE FOLLOWED:** BCSI-B7 = Floor Truss Installation

White Oak Homes
Charleston 2 Plan
Lot 5 Cameron Hill Rd.
Moore Co., NC

Scale	Date	Drawn By	Job No.
NTS	3/14/2025	RC	4493329



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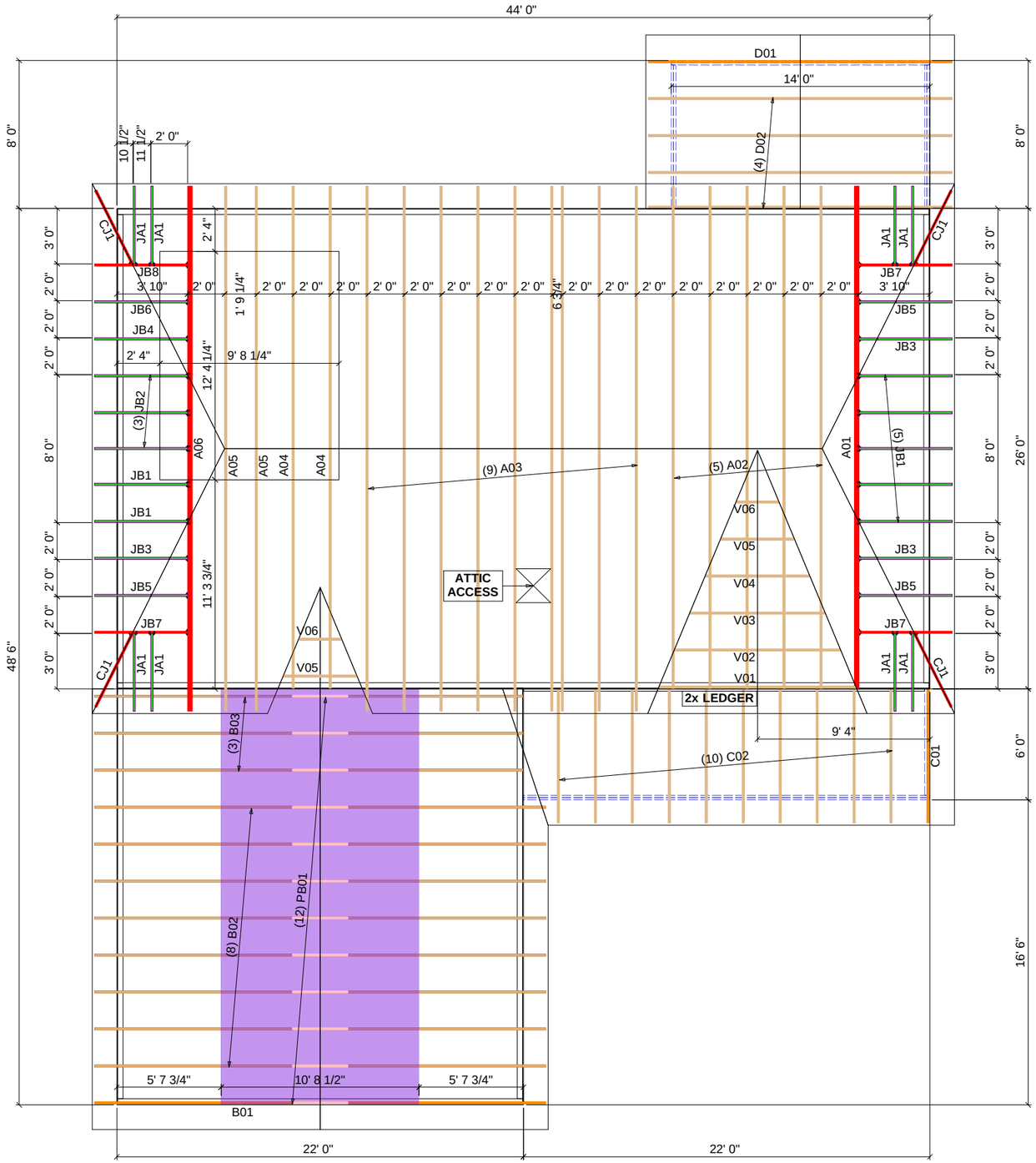


ROOF TRUSS NOTES:

DO NOT CUT, DRILL, NOTCH, OR OTHERWISE DAMAGE TRUSSES. Contact your BFS Representative for assistance PRIOR TO modifying any truss. **Espanol -** *(NO CORTE, PERFORE, HAGA MUESCAS O DANE DE CUALQUIER OTRA MANERA LAS TRUSSES (CERCHAS DE MADERA). Contacte a su representante de BFS para asistencia ANTES de realizar cualquier modification.)*

1. This Truss Placement Diagram is intended to serve as a guide for truss installation. This Diagram has been prepared by a Truss Technician and is not an engineered drawing.
2. The responsibilities of the Owner, Building Designer, Contractor, Truss Designer, and Truss Manufacturer shall be as defined by the TPI 1 National Standard.
3. The wood components shown on this diagram are to be used in dry service (moisture content<19%) and non-toxic environmental applications. The metal plates and hangers are galvanized to the G60 Standard unless noted otherwise.4. Refer to the Truss Design Drawings for specific information about each individual truss design.5. The Truss Technician shall provide Truss-to -Truss Connection Requirements. Any special or other connection shall be the responsibility of the Building Designer.
6. The Truss Placement Diagram and Truss Design Drawings are the property of Builders FirstSource and may not be reused or reproduced in part or in total under any circumstances without prior written authorization.
7. In some cases, field framing may be required to achieve the final appearance shown on the Construction Documents.
8. Field framing, including valley rafters, installed over roof trusses shall have a knee brace from the rafter to the truss top chord at intervals of 48" on center (O.C.) or less. Stagger knee braces from adjacent rafters such that the loadis distributed uniformly over multiple truss locations and not concentrated at one location or along one truss.
9. Truss Top Chords shall be fully sheathed or have lateral bracing (purlins) spaced at 24" O.C. or less. Truss Bottom Chord Bracing shall not exceed the maximum shown on the Truss Design Drawing. Field framed bottom chord floor or ceiling attachments shall be spaced at 24" O.C. or less. Proper Bracing prevents buckling of individual truss members due to design loads.
10. This Placement Diagram is based upon the supporting structure being structurally adequate, dimensionally correct, square, plumb, and level to adequately support the trusses. The foundation design, structural member sizing, load transfer, bearing conditions, and the structure's compliance with the applicable building code are the responsibility of the Owner, Building Designer, and Contractor.
11. If Piggyback Trusses are included in this project, refer to the Mitek Piggyback Connection Detail applicable for the project details and wind load category.
12. The Contractor shall follow the SBCA TTB Partition Separation Prevention and Solutions for truss attachment to non-load bearing walls and carefully complete these details to avoid gypsum wall board related issues.

WARNING:

TRUSSES MUST BE BRACED DURING INSTALLATION. FAILURE TO DO SO MAY RESULT IN INJURY OR DEATH. **Espanol** - *(TRUSSES (CERCHAS) DEBERAN TENER UN SOPORTE DURANTE LA INSTALACION. NO HACERLO PODRIA RESULTAR EN LESIONES O MUERTE.)*

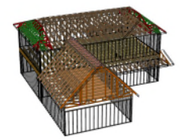
1. Trusses shall be installed in a safe manner meeting all code, local, OSHA, TPI, and BCSI Specifications. failure to follow these specifications may result in injury or death.
2. Buildings under construction are vulnerable to high winds and present a possible safety hazard. The Contractor is responsible for recognizing adverse weather conditions and shall take appropriate action to prevent injury or death.

3. BCSI INSTRUCTIONS SHALL BE FOLLOWED:

BCSI-B1 = Safe Truss Handling and Installation
BCSI-B2 = Installation and Temporary Restraint
BCSI-B3 = Permanent Restraint
BCSI-B4 = Safe Construction Loading
BCSI-B5 = Truss Damage and Modification Guidelines
BCSI-B7 = Floor Truss Installation
BCSI-B8 = Toe-Nailed Connections
BCSI-B9 = Multi-Ply Girders
BCSI-B10 = Post Frame Truss Installation
BCSI-B11 = Fall Protection
4. Follow TPI Requirements for Long Span Trusses (>60').

White Oak Homes
Charleston 2 Plan
Lot 5 Cameron Hill Rd.
Moore Co., NC

Scale	Date	Drawn By	Job No.
NTS	3/14/2025	RC	4493331



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