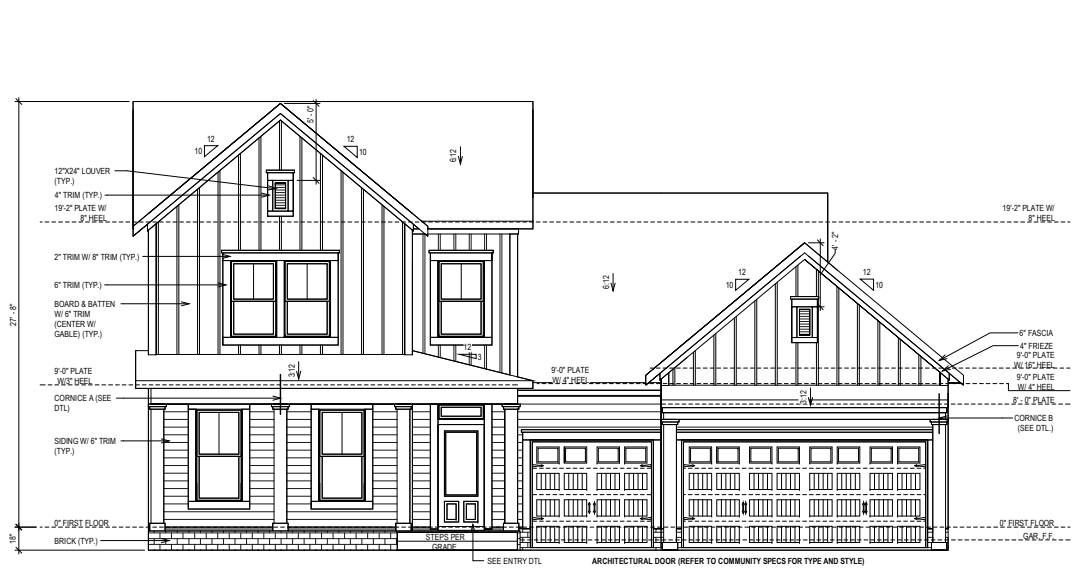
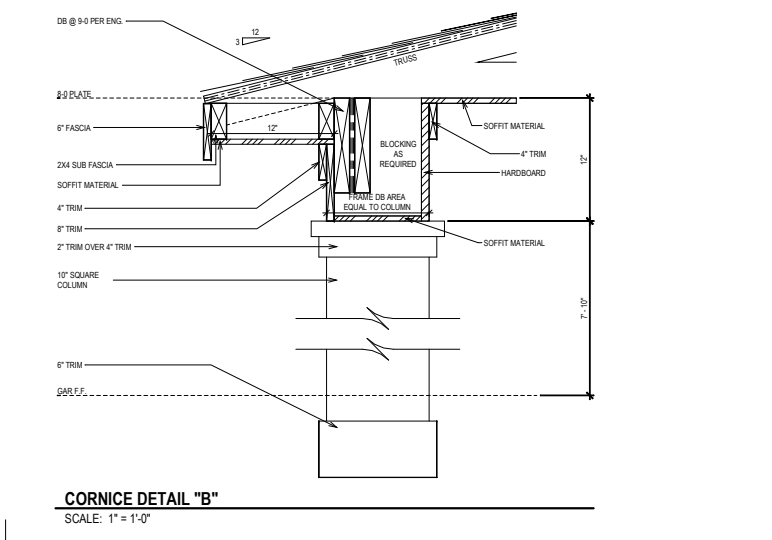
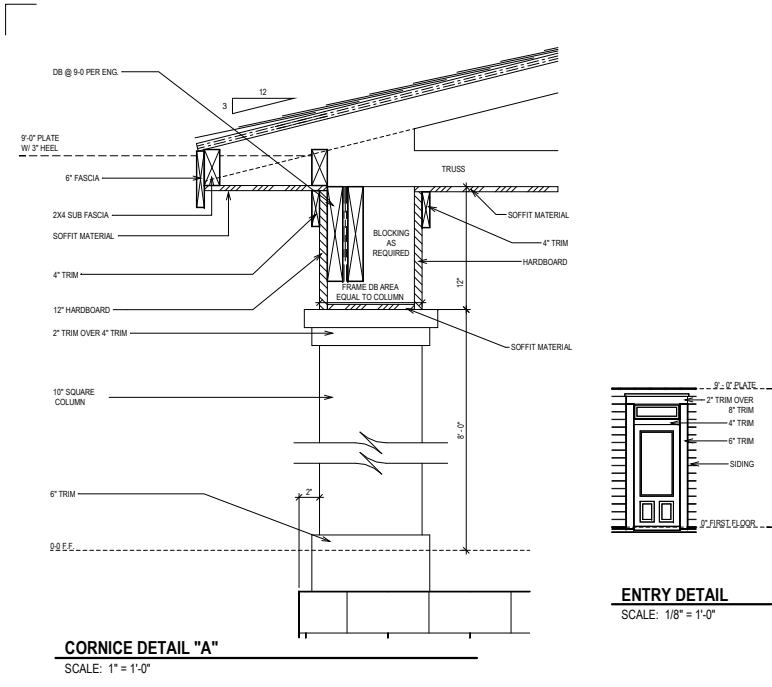
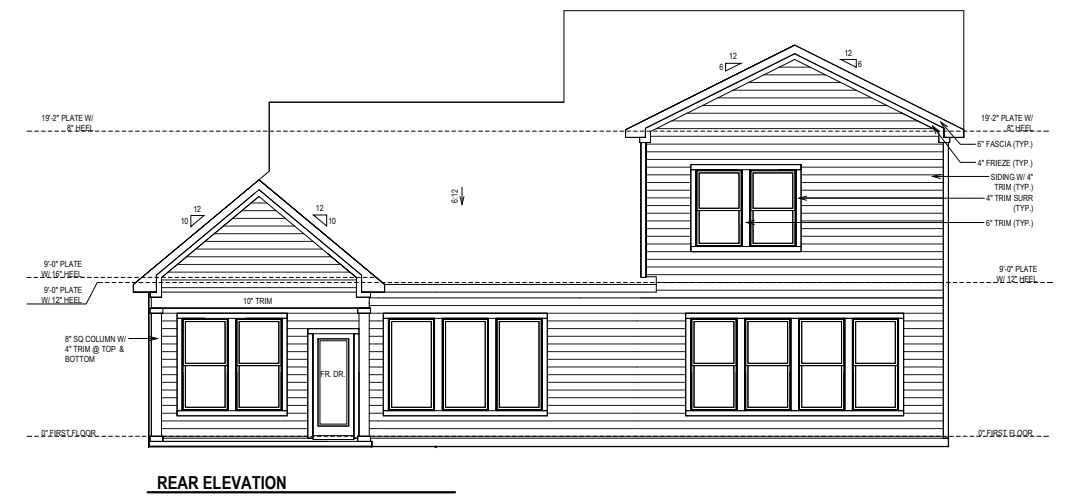




PROVIDE HANDRAIL
WHEN REQUIRED BY
CODE



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David Weekly Homes

C/N/IN/UR

Date: 03/04/2025

1003

Lot:

3277

Block:

1003

Sect:

Serenity 65'

1039 Serenity Walk Parkway

Fuquay Varina, NC

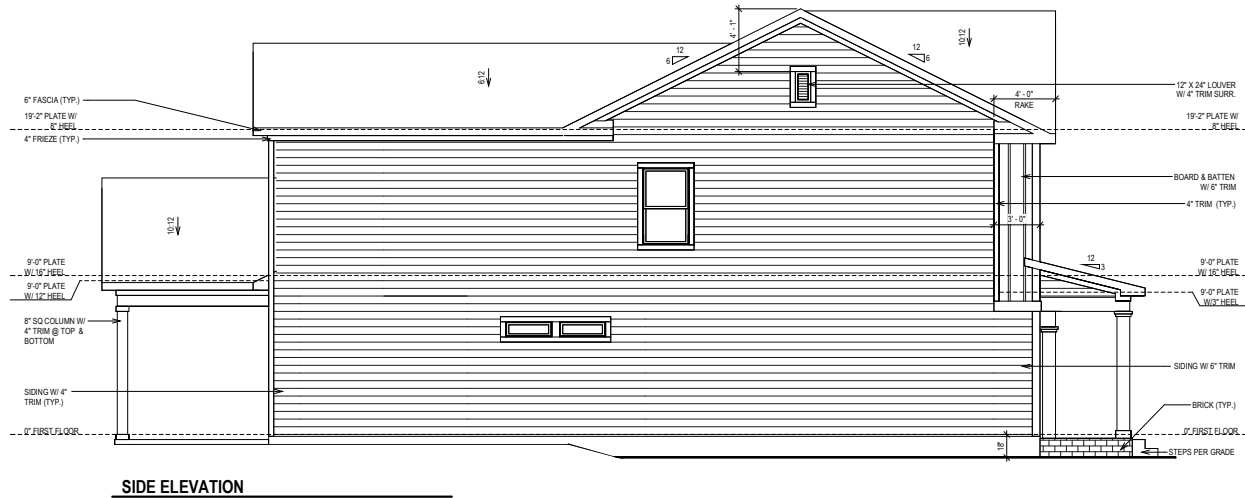
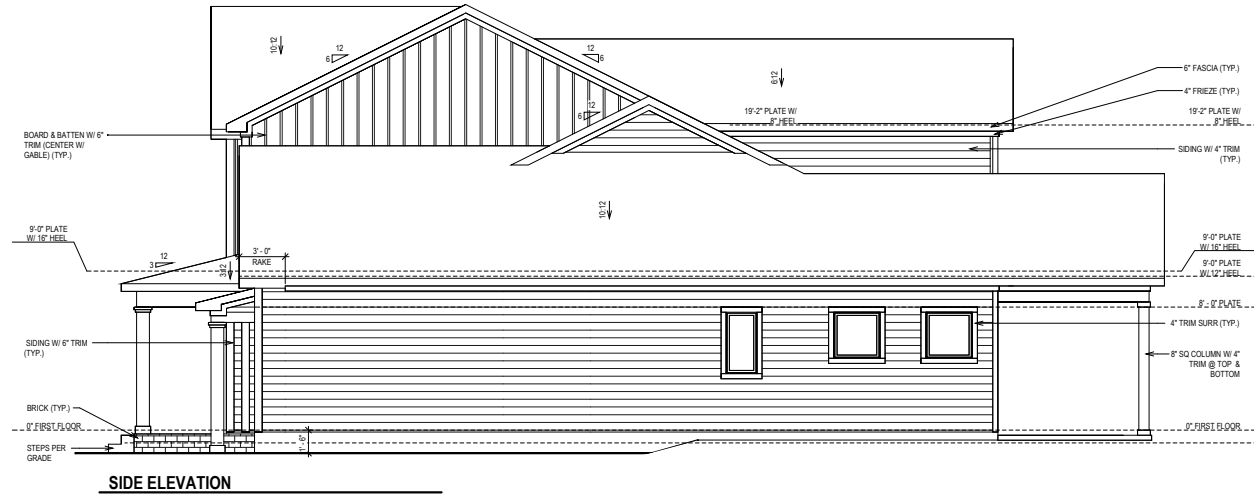
NORTH

B329-A

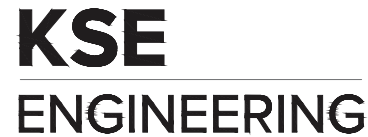
ELV-1

BUCKHORN

RALEIGH



S-0	COVER SHEET
S-0.1	GENERAL STRUCTURAL NOTES
S-1	MONOLITHIC SLAB FOUNDATION PLAN
S-2	SECOND FLOOR FRAMING PLAN
S-3	ROOF FRAMING PLAN
SD-1	BRACED WALL DETAILS
SD-2	HOLD DOWN DETAILS
SD-3	BRACED WALL NOTES & DETAILS
SD-4	PORCEL FRAME DETAILS
SD-5	MISCELLANEOUS FRAMING DETAILS
SD-6	MISCELLANEOUS FRAMING DETAILS
SD-7	MONOLITHIC SLAB FOUNDATION DETAILS
SD-8	NOT USED
SD-9	NOT USED
SD-10	NOT USED
SD-11	NOT USED
SD-12	ADVANCED FRAMING DETAILS & NOTES



(215) 804-4449

RALEIGH, NORTH CAROLINA

- TJI 210 SERIES (SERIES AND SPACING PER PLANS)
- LSL: E=1,550,000 PSI, $F_b=2,325$ PSI, $F_v=310$ PSI, $F_c=900$ PSI
- LVL: E=2,000,000 PSI, $F_b=2,600$ PSI, $F_v=285$ PSI, $F_c=750$ PSI
- PSL: E=2,100,000 PSI, $F_b=2,900$ PSI, $F_v=290$ PSI, $F_c=625$ PSI

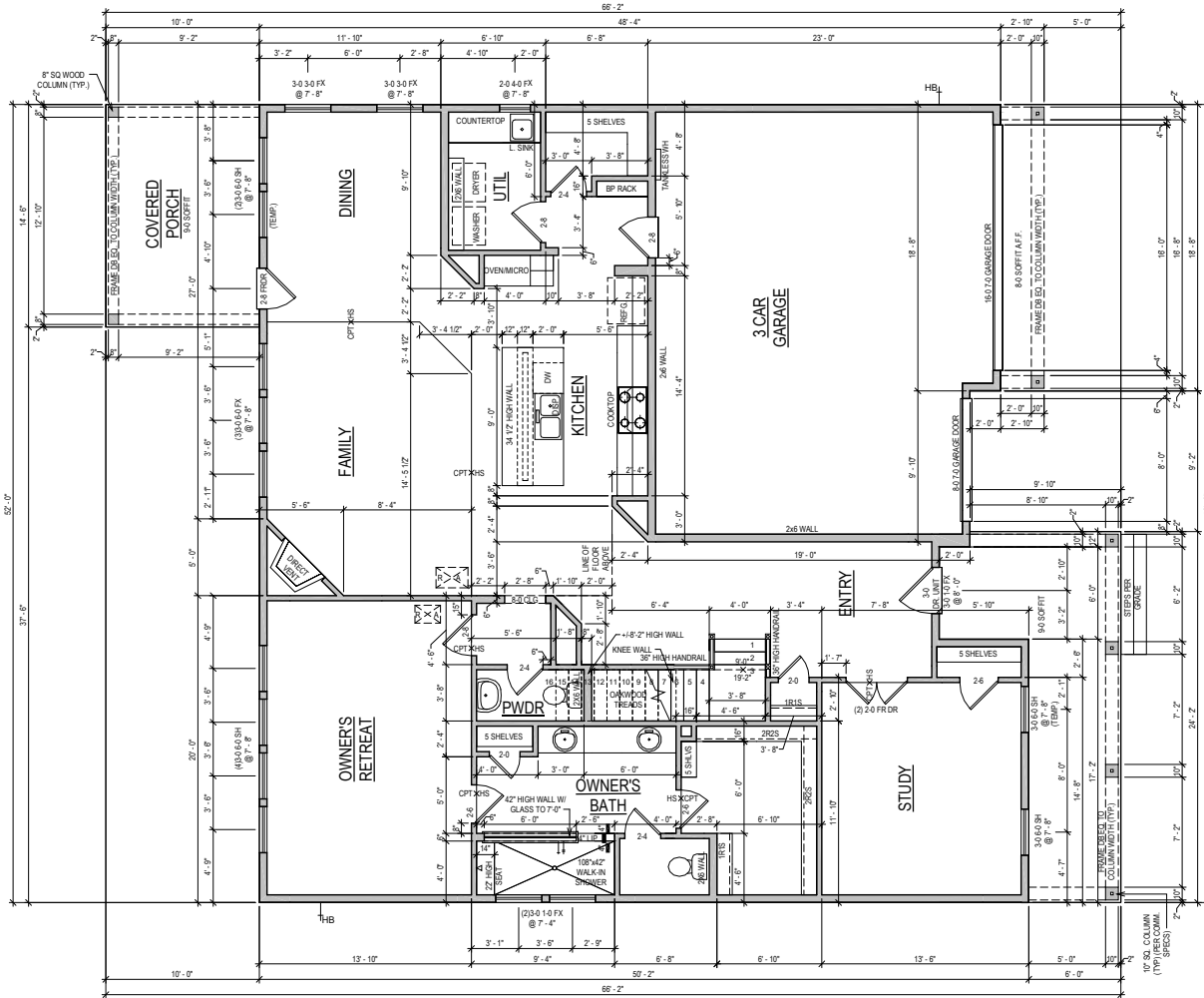


David Weekley Homes
Raleigh, NC

Cover Sheet
Serenity, Lot #1003
B329 Buckhorn Model
Serenity
Raleigh, North Carolina

Project #: 047-20009
Designed By: JPS
Checked By:
Issue Date: 3/13/25
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

S-0



FIRST FLOOR

GENERAL REQUIREMENTS

SLOPED SURFACE REQUIREMENTS

ALL PATIOS TO SLOPE 1/4" PER FOOT

GARAGE FLOOR TO BE SLOPED 1/8" PER FOOT TOWARDS VEHICLE ENTRY DOOR

ROOF DECKS AND BALCONIES TO BE SLOPED 1/4" PER FOOT TOWARDS RELIEF POINTS

RAILING REQUIREMENTS

FINISHED HANDRAIL REQUIRED AT STAIRS WITH 4 OR MORE RISERS

FINISHED HANDRAIL HEIGHT BETWEEN 34" AND 36" MEASURED VERTICALLY ABOVE TREAD NOSING

FINISHED GUARDRAILS REQUIRED AT DECKS, BALCONIES AND WALKWAYS THAT ARE 30" OR GREATER ABOVE GRADE AND BE AT A MINIMUM OF 36" IN HEIGHT

FINISHED GUARDRAIL AND HANDRAIL SPINDLES MUST BE SPACED SO A 4" SPHERE WILL NOT PASS THROUGH

NOTE: ALL 1ST FLR. CEILING HEIGHTS
9'-0" UNLESS NOTED OTHERWISE

ADVANCED FRAMING: 2X6 EXTERIOR
PERIMETER WALLS & ALL INSULATED
WALLS UNLESS NOTED OTHERWISE

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David Weekly Homes

Scale: 1/8"=1'-0"

Rev: 12/5/23 AM

Proj. No.: 1003
Lot: 3277
Block: 1003
Sect:

SERENITY 65'
1039 SERENITY WALK PARKWAY
FUYQUAY VARINA, NC

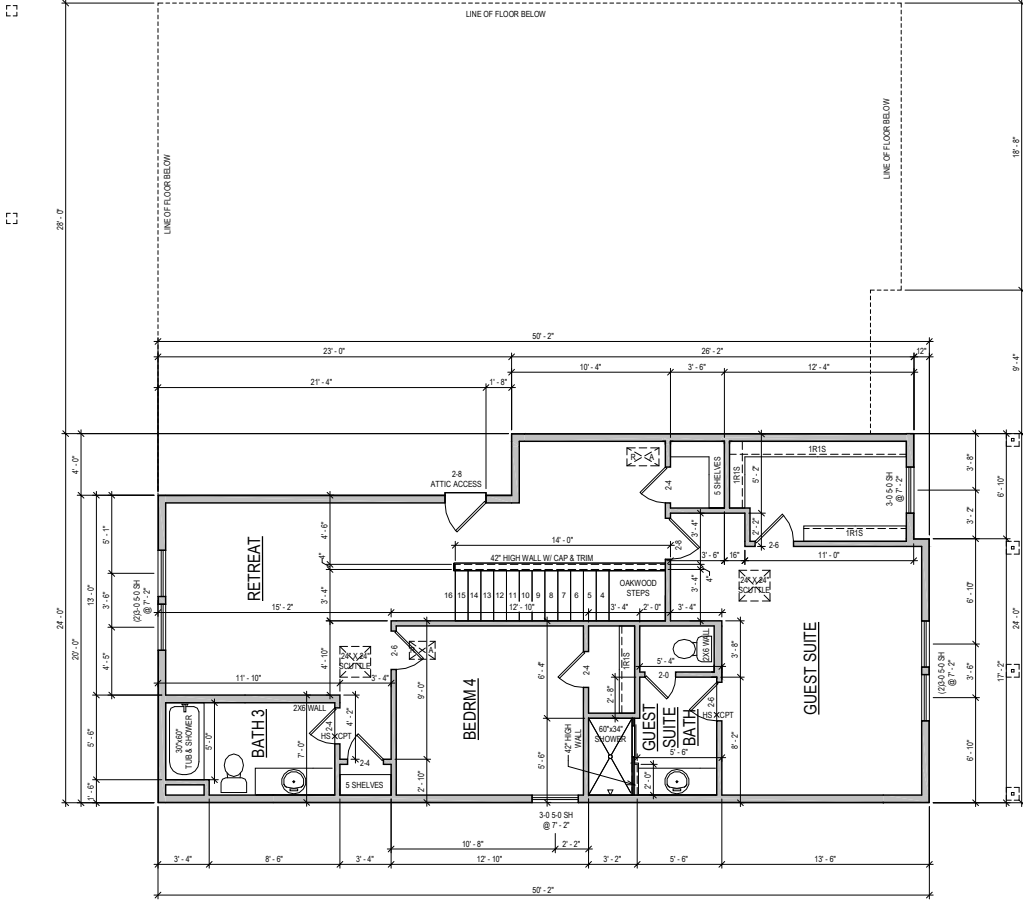
NORTH
B329-A
PLN-1
BUCKHORN
RALEIGH

PLAN SQFT

LIVING	
1ST FLOOR	1887 SF
2ND FLOOR	1105 SF
TOTAL LIVING	2992 SF
SLAB	
1ST FLOOR	1887 SF
COVERED PORCH	145 SF
FRONT PORCH	184 SF
GARAGE	615 SF
TOTAL SLAB	2829 SF
FRAMING	
1ST FLOOR	1887 SF
2ND FLOOR	1050 SF
COVERED PORCH	145 SF
FRONT PORCH	184 SF
GARAGE	615 SF
PORTE COCHERE	50 SF
TOTAL FRAMING	3841 SF

OPTION LIST

FRDRS @ STUDY	FIREPLACE @ FAMILY
COUNTERTOP @ UTILITY	HARD SURFACE TREADS
SUPER SHOWER @ OWNER'S BATH	RAILING @ FIRST FLOOR
COVERED PORCH	SINK W BASE CAB @ UTILITY
DOOR @ OWNER'S CLOSET	
QUEST SUITE	
COOKTOP KITCHEN	
BACKPACK RACK	



SECOND FLOOR

NOTE: ALL 2ND FLR. CEILING HEIGHTS
9'-0" UNLESS NOTED OTHERWISE

ADVANCED FRAMING: 2X6 EXTERIOR
PERIMETER WALLS & ALL INSULATED
WALLS UNLESS NOTED OTHERWISE

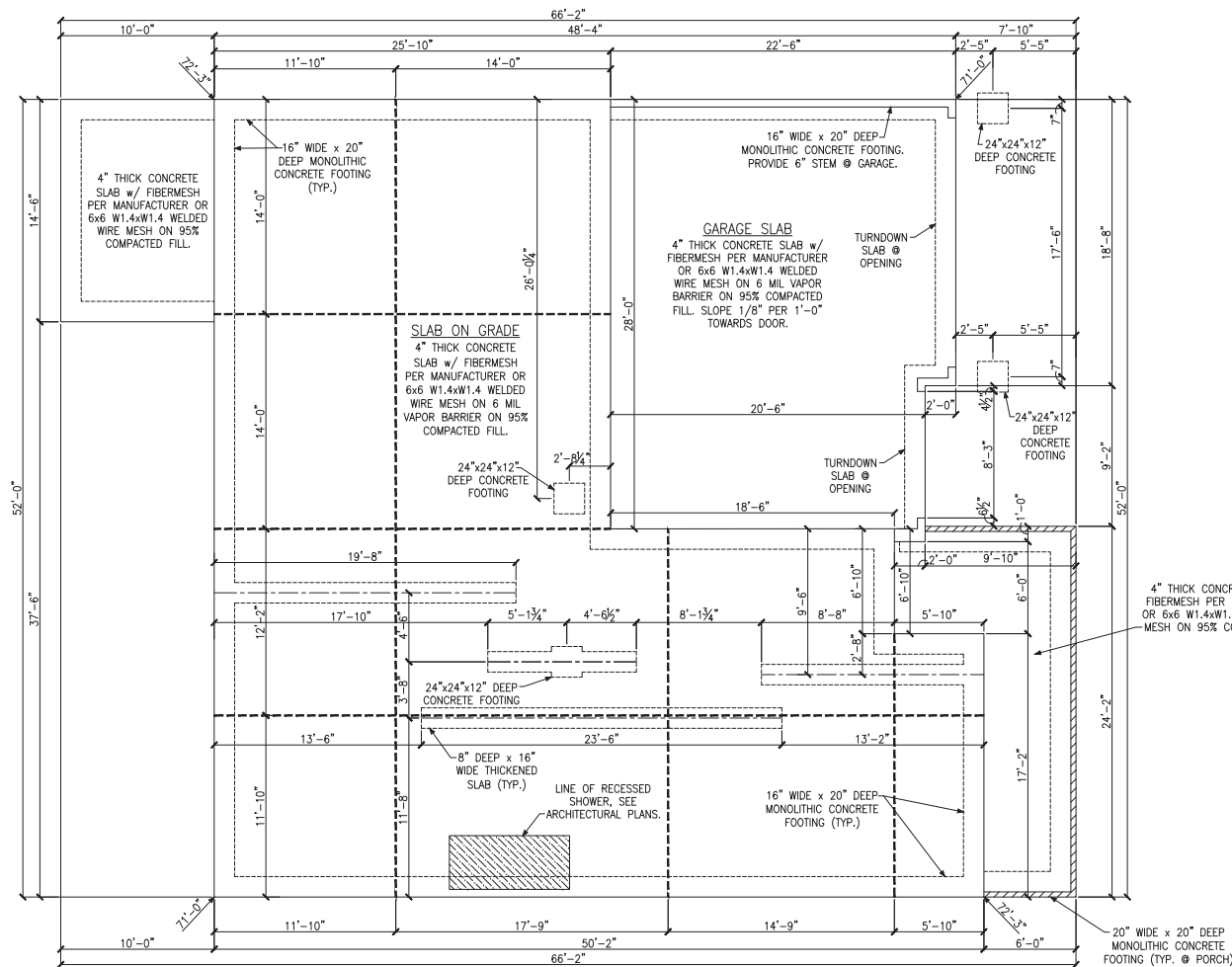
NORTH
B329-A
PLN-2
BUCKHORN
RALEIGH

SERENITY 65'
1039 SERENITY WALK PARKWAY
FUQUAY VARINA, NC

Proj. No.:
1003
Lot:
3277
Block:
1003
Sect:

David Weekley Homes
CN/NU/IR
Date: 03/04/2025
Scale: 1/8"=1'-0"
Rev: 12/5/23 AM

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MONOLITHIC SLAB FOUNDATION PLAN

LEGEND	
	PROVIDE SOLID BLOCKING
	WITHIN FLOOR SYSTEM TO MATCH POST SIZE ABOVE.
	BEARING WALL ABOVE
	INTERIOR BEARING WALL
	BRACED WALL PANEL
	BRACED WALL PANEL SET FOR BRACED WALL PANEL SHEATHING FASTENING & BLOCKING DETAILS
REFER TO KSE STRUCTURAL DETAILS SET FOR GENERAL STRUCTURAL NOTES, TYPICAL DETAILS AND ADVANCED FRAMING NOTES AND DETAILS	



Monolithic Slab Foundation Plan

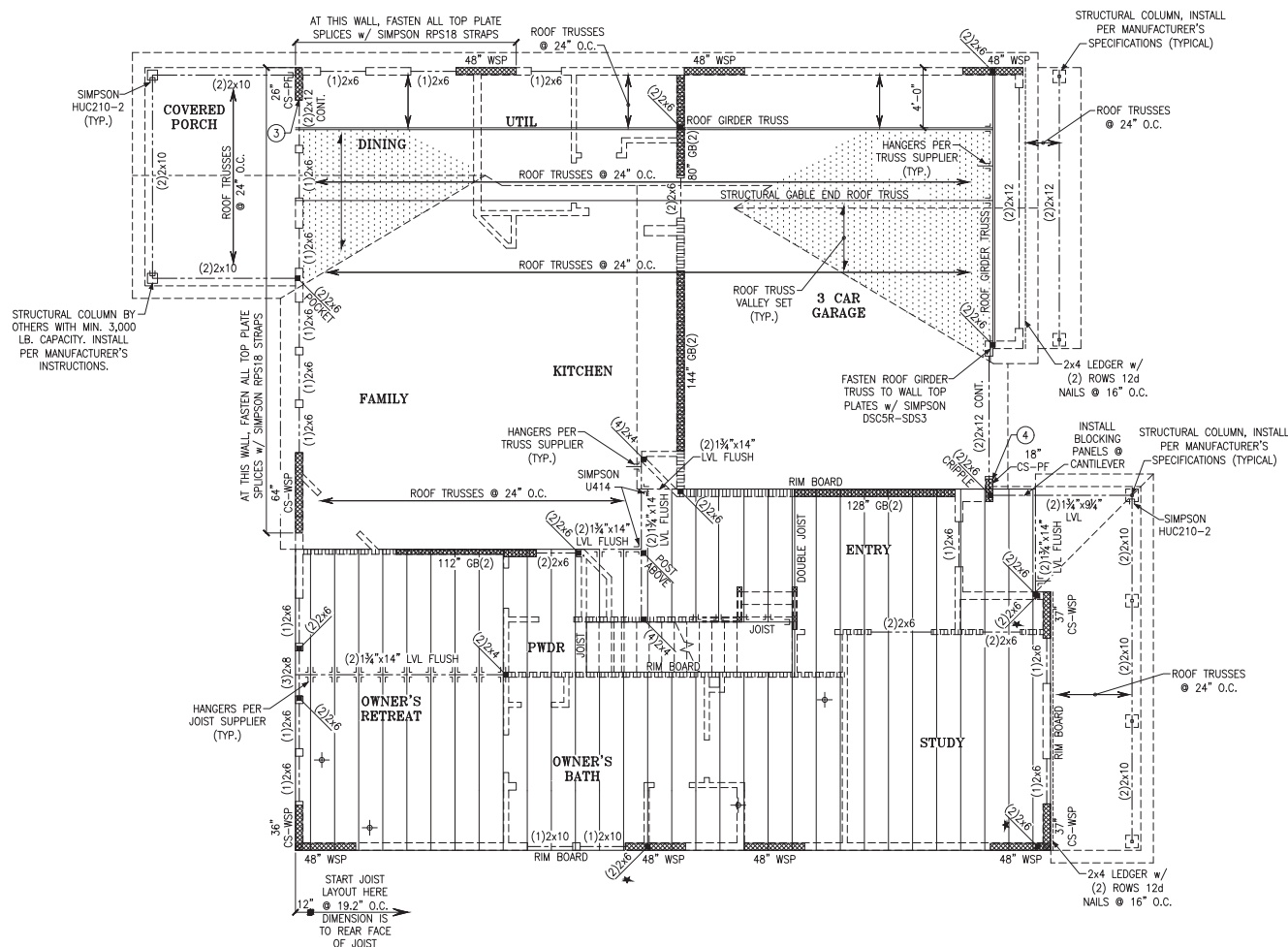
Serenity, Lot #1003

B329 Buckhorn Model

Serenity

Raleigh, North Carolina

Project #: 047-20009
Designed By: JPS
Checked By:
Issue Date: 3/13/25
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34



SECOND FLOOR FRAMING PLAN

LEGEND

- ★ PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM TO MATCH POST SIZE ABOVE.
- BEARING WALL ABOVE
- INTERIOR BEARING WALL
- BRACED WALL PANEL (SEE KSE STRUCTURAL DETAILS SET FOR BRACED WALL PANEL SHEATHING FASTENING & BLOCKING DETAILS)
- 48" WSP

REFER TO KSE STRUCTURAL DETAILS SET FOR GENERAL STRUCTURAL NOTES, TYPICAL DETAILS AND ADVANCED FRAMING NOTES AND DETAILS

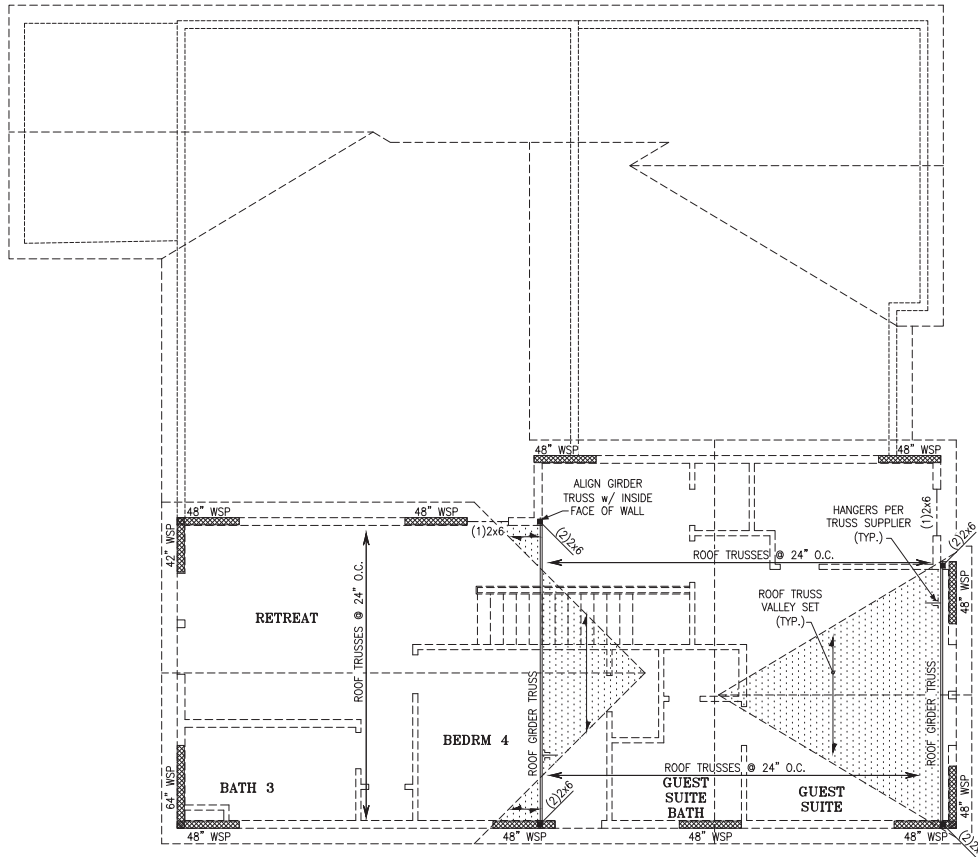
PLAN DESIGNED WITH 9' NOMINAL WALL PLATE HEIGHT

FLOOR FRAMING TO BE 14" DEEP TJI 210 SERIES OR EQUAL, SPACING PER MANUFACTURER.

KEYNOTES:

- INSTALL ONE PANEL CS-PF PORTAL FRAME PER DETAIL A/SD-3.
- INSTALL ONE PANEL CS-PF PORTAL FRAME PER DETAIL A OR B/SD-4.





ROOF FRAMING PLAN

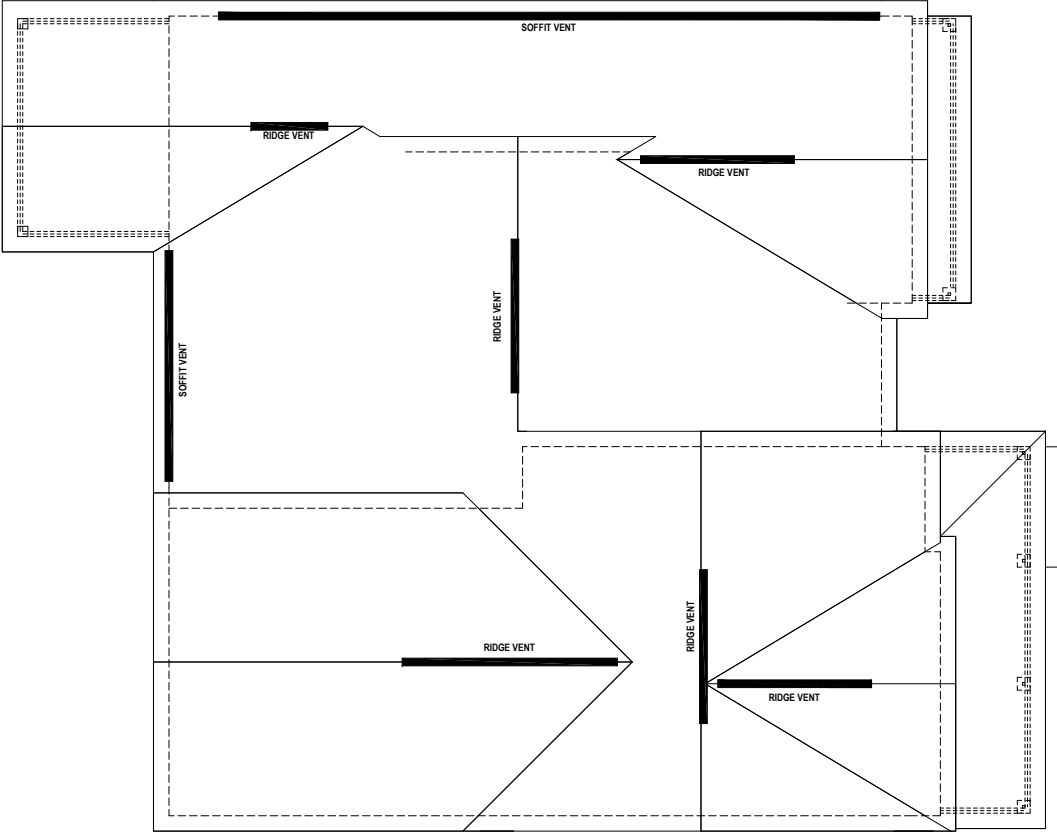
LEGEND

- ★ PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM TO MATCH POST SIZE ABOVE.
- BEARING WALL ABOVE
- INTERIOR BEARING WALL
- 48" WSP BRACED WALL PANEL (SEE KSE STRUCTURAL DETAILS SET FOR BRACED WALL PANEL SHEATHING FASTENING & BLOCKING DETAILS)

REFER TO KSE STRUCTURAL DETAILS SET FOR GENERAL STRUCTURAL NOTES, TYPICAL DETAILS AND ADVANCED FRAMING NOTES AND DETAILS

PLAN DESIGNED WITH 9" NOMINAL WALL PLATE HEIGHT





ROOF PLAN CALCS

ROOF VENT CALCULATION:
ATTIC SPACE: 2829 SQ.FT.
REQUIRED VENTILATION: 1358 SQ.IN. REQ.

SOFFIT VENT PROVIDED: 60 LINEAL FEET
RIDGE VENT PROVIDED: 59 LINEAL FEET
AIR HAWK VENT PROVIDED: 0 UNITS

PROVIDED VENTILATION: 1362 SQ.IN.

50-80% IN UPPER PORTION: 78%

General Notes:

** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION.

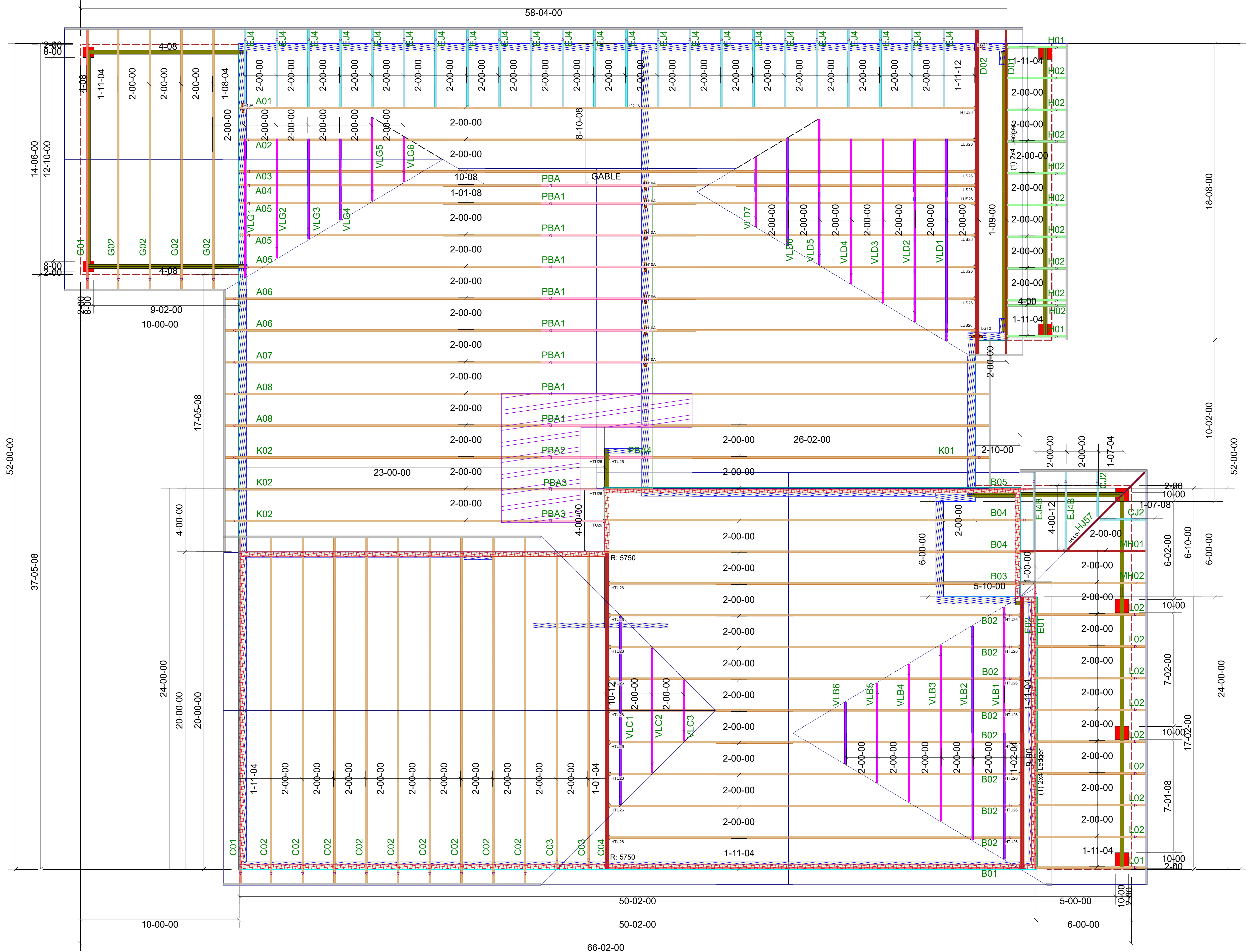
** ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS.

** DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT.

** TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS.

** PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES.

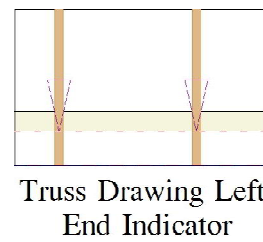
** REFER TO FINAL TRUSS ENGINEERING SHEETS FOR PLY TO PLY CONNECTIONS.



ALL UPLIFT CONNECTORS ARE ONE H2.5A, UNLESS OTHERWISE NOTED ON LAYOUT.

Simpson	One H2.5A	87
Simpson	LUS26	8
Simpson	LG2	2
Simpson	HTU26	22
Simpson	H10A	8
Manuf	Product	Qty
Truss Connector Total List		

	9' 1-1/8" BRG HGT (Lower)
	9' 1-1/8" BRG HGT (Upper)
	ATTIC ROOM
Hatch Legend	



** TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE.

** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH.

** GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS.

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

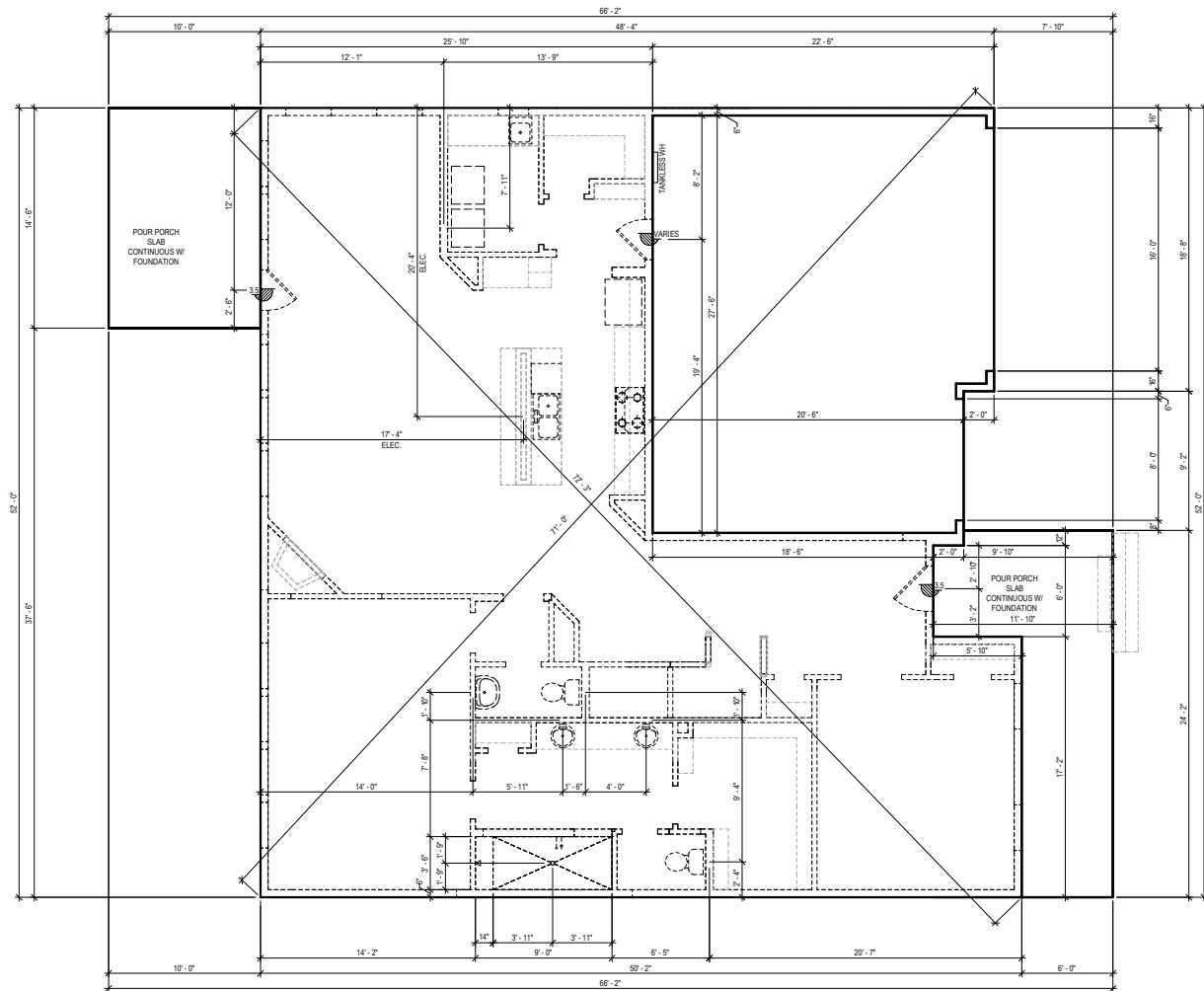
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor systems and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding the bracing, consult "Bracing of Wood Truss" available from the Truss Plate Institute, 583 D'Onofrio Drive: Madison, WI 53179.



DAVID WEEKLY HOMES
1003 Serenity / B329 "A" RH
ROOF TRUSS
PLACEMENT PLAN

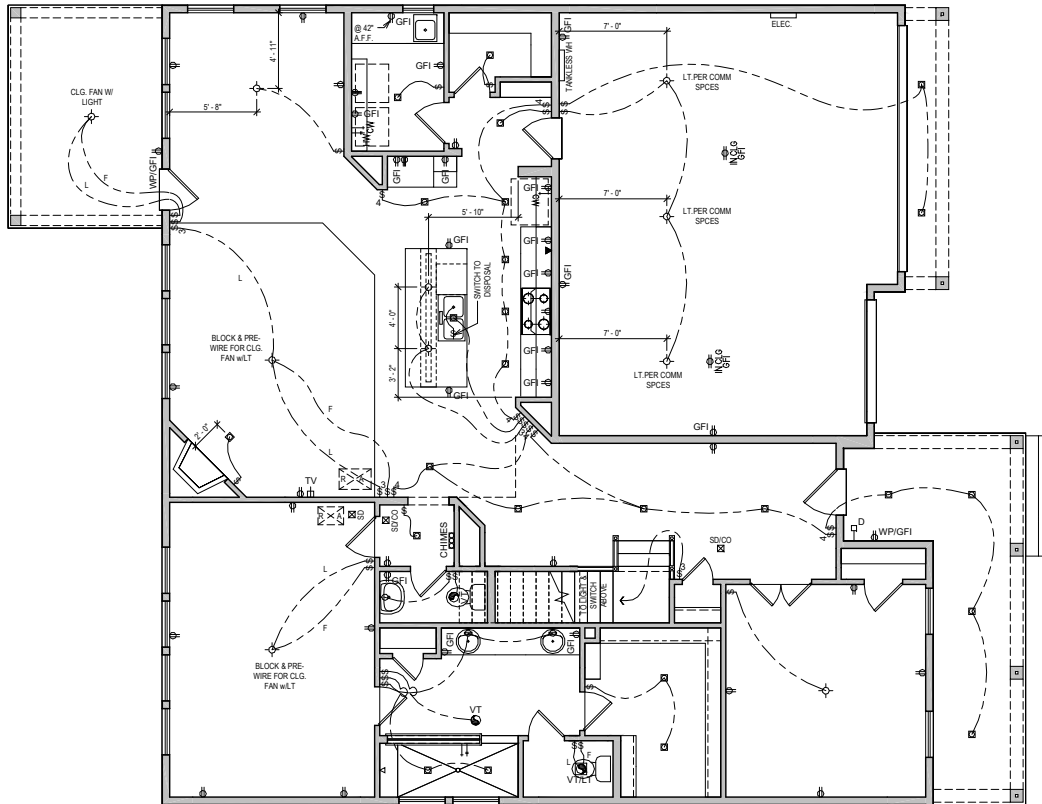
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Date:	4/1/2025
Designer:	ND
Project Number:	24050248
Sheet Number:	

1/1



FIRST FLOOR

SEE ENGINEERING FOR ANCHOR BOLT
REQUIREMENTS



FIRST FLOOR

UTILITY LEGEND	
110V OUTLET 12" A.F.F. (U.N.O.)	ELEVATOR CALL BUTTON
GF GROUND FAULT INTERRUPTOR (WEATHER PROOF AS NOTED)	RECESS CAN LIGHT (EYEBALL AS NOTED)
1/2 HALF HOT OUTLET	VT EXHAUST VENT
220V OUTLET (36" A.F.F. @ UTILITY)	SD SMOKE DETECTOR (CARBON MONOXIDE AS NOTED)
PHONE LINE	D DOOR BELL
CABLE TELEVISION	CHIMES DOOR BELL CHIMES
STANDARD SWITCH (3 OR 4 WAY AS NOTED)	ELEC PANELBOARD W/ CIRCUIT BREAKERS
◆ SURFACE MOUNTED LIGHT	HB HOSE BIB
◆ SURFACE MOUNTED LED LIGHT	GAS GAS TAP
◆ WALL MOUNTED LIGHT	CW, HW COLD/HOT WATER SUPPLY

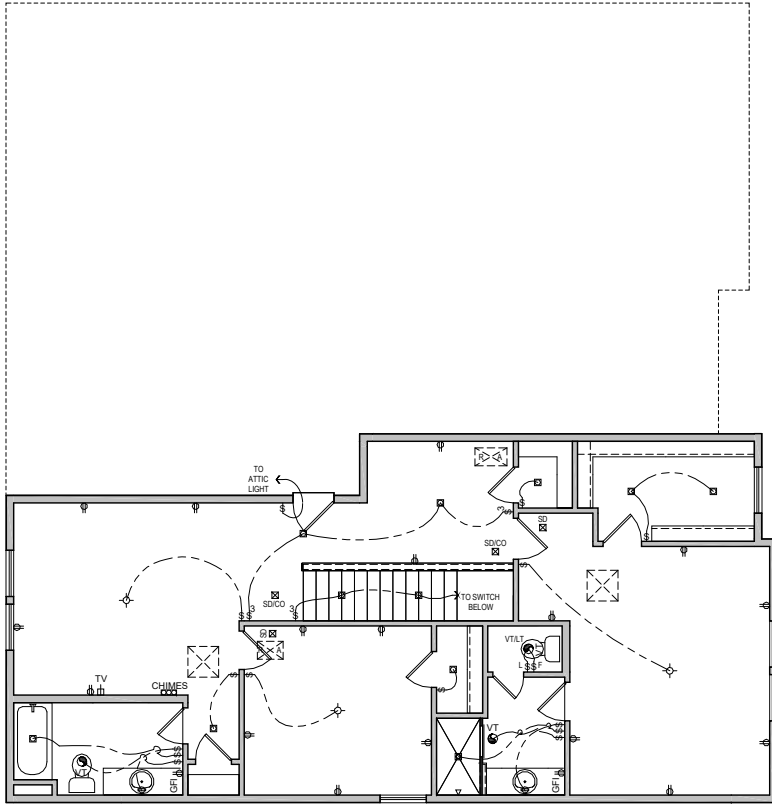
IN ALL HABITABLE ROOMS
LIGHT BOXES MUST BE FAN
RATED

CITY SPECIFIC	
V/LT RECESSED CAN EXHAUST VENT COMBO	

ALL RECESS CANS SHOWN
ON PLAN ARE LED PER
COMMUNITY SPEC.

MID-ATLANTIC General Notes

1. ALL ELECTRICAL PLUGS TO BE 9" TO TOP FROM FLOOR IN ROOMS WITH WALL MOLDINGS.
2. SWITCH FOR ATTIC LIGHT TO BE LOCATED OUTSIDE OF ATTIC SPACE, 12 INCHES FROM CEILING.
3. DO NOT RUN WIRES ON TOP OF JOISTS IN AREAS LIKELY TO HAVE DECKING IN ATTIC. (near disappearing items)
4. PROVIDE SMOKE DETECTORS IN EVERY BEDROOM. SEE SPECS FOR REQUIRED TYPE AND WIRING.
5. PROVIDE GAS AT APPLIANCES PER COMMUNITY REQUIREMENTS.
6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.



SECOND FLOOR

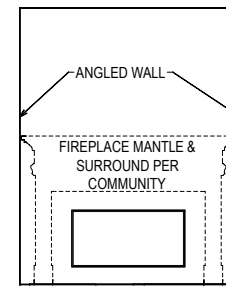
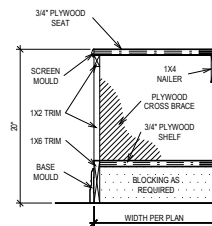
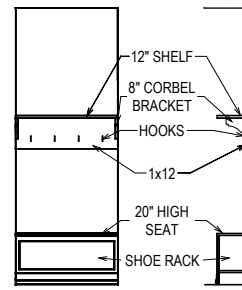
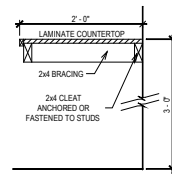
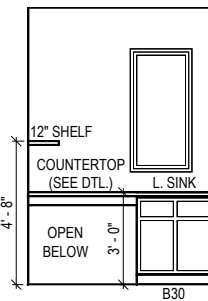
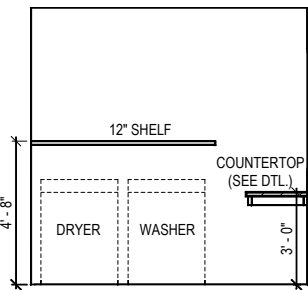
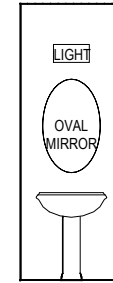
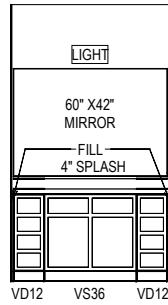
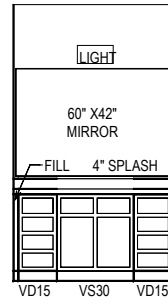
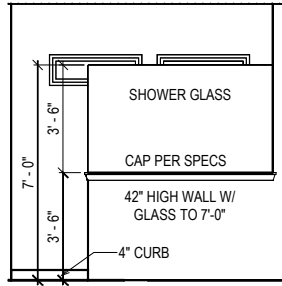
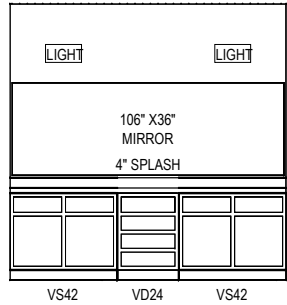
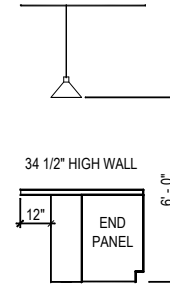
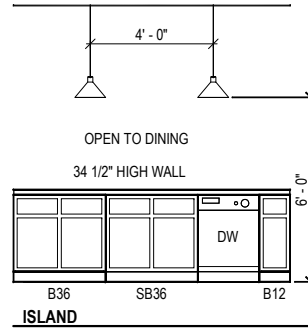
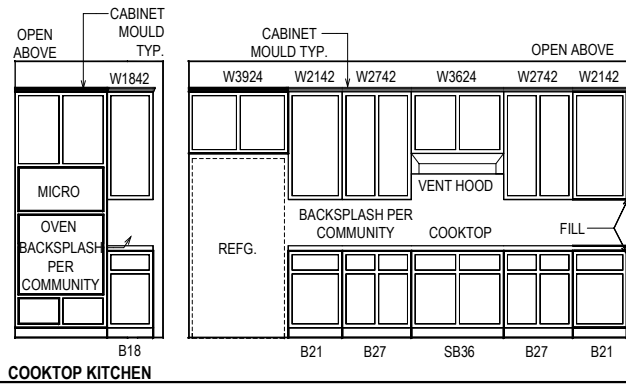
UTILITY LEGEND	
110V OUTLET 12" A.F.F. (U.N.C.)	ELEVATOR CALL BUTTON
GF: GROUND FAULT INTERRUPTOR (WEATHER PROOF AS NOTED)	RECESS CAN LIGHT (EYEBALL AS NOTED)
1/2 HALF HOT OUTLET	EXHAUST VENT
220V OUTLET (36" A.F.F. @ UTILITY)	SMOKE DETECTOR (CARBON MONOXIDE AS NOTED)
PHONE LINE	DOOR BELL
CABLE TELEVISION	CHIMES DOOR BELL
STANDARD SWITCH (3 OR 4 WAY AS NOTED)	CHIMES PANELBOARD W/ CIRCUIT BREAKERS
SURFACE MOUNTED LIGHT	HB: HOSE BIB
SURFACE MOUNTED LED LED DISC LIGHT	GAS GAS TAP
WALL MOUNTED LIGHT	CW HW COLD/HOT WATER SUPPLY

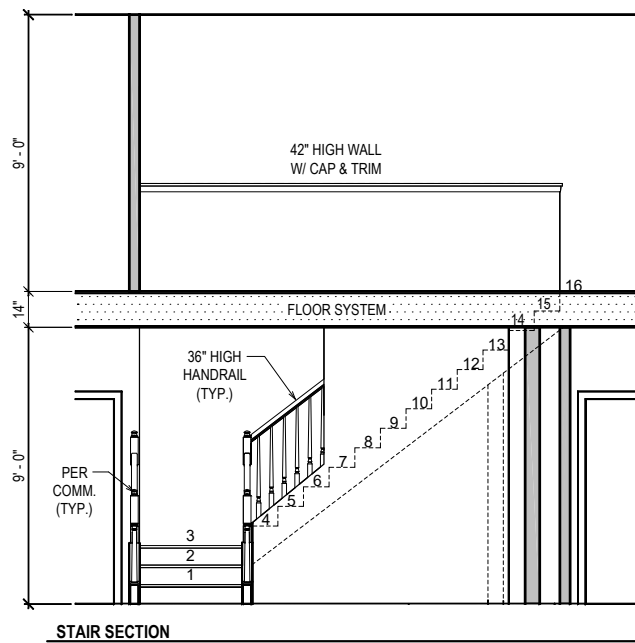
ALL RECESS CANS SHOWN
ON PLAN ARE LED PER
COMMUNITY SPEC.

MID-ATLANTIC General Notes

1. ALL ELECTRICAL PLUGS TO BE 9" TO TOP FROM FLOOR IN ROOMS WITH WALL MOUNDINGS.
2. SWITCH FOR ATTIC LIGHT TO BE LOCATED OUTSIDE OF ATTIC SPACE, 12 INCHES FROM CEILING.
3. DO NOT RUN WIRES ON TOP OF JOISTS IN AREAS LIKELY TO HAVE DECKING IN ATTIC. (near disappearing stairs)
4. PROVIDE SMOKE DETECTORS IN EVERY BEDROOM. SEE SPECS FOR REQUIRED TYPE AND WIRING.
5. PROVIDE GAS AT APPLIANCES PER COMMUNITY REQUIREMENTS.
6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.

IN ALL HABITABLE ROOMS
LIGHT BOXES MUST BE FAN
RATED



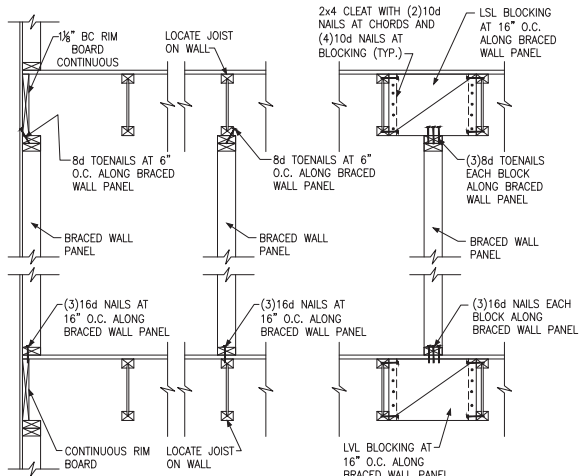


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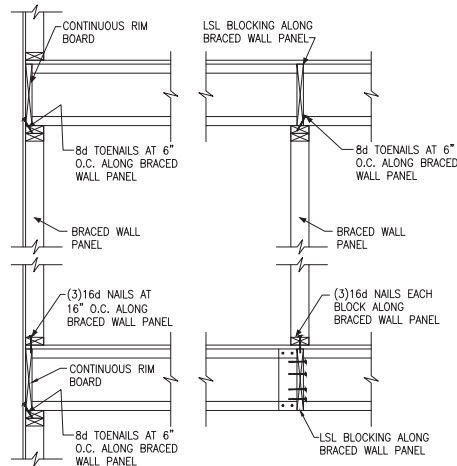
David Weekly Homes
 CN/NU/IR Date: 03/04/2025 Scale: 1/4"=1'-0" Rev: 12/5/23 AM

Proj. No.: 1003
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SERENITY 65'
1039 SERENITY WALK PARKWAY
FUQUAY VARINA, NC

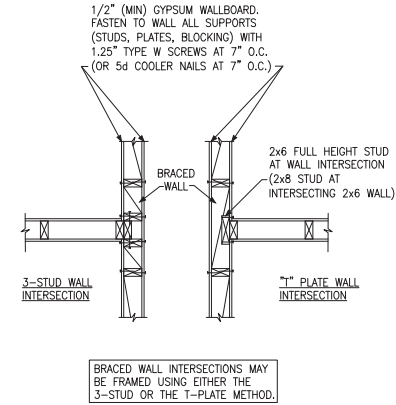
NORTH
B329-A
INT-2
BUCKHORN
RALEIGH



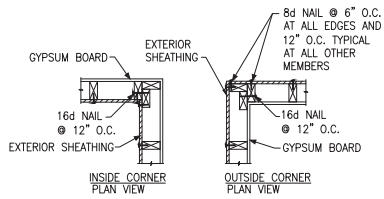
A TYPICAL BRACED WALL PANEL TO FLOOR/CEILING CONNECTION
BRACED WALL PANELS PARALLEL TO I-JOISTS



B TYPICAL BRACED WALL PANEL TO FLOOR/CEILING CONNECTION
BRACED WALL PANELS PERPENDICULAR TO I-JOISTS

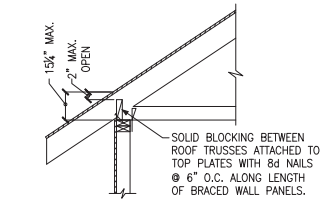


C METHOD GB(1) AND GB(2) INTERSECTION DETAILS

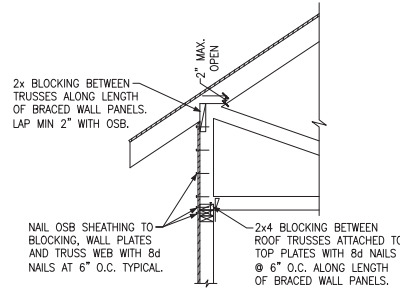


D TYPICAL EXTERIOR CORNER WALL FRAMING

NOTE: A THIRD STUD AND/OR PARTITION INTERSECTION BACKING STUDS SHALL BE PERMITTED TO BE OMITTED THROUGH THE USE OF WOOD BACKUP CLEATS, METAL DRYWALL CLIPS OR OTHER APPROVED DEVICES THAT WILL SERVE AS ADEQUATE BACKING FOR THE FACING MATERIALS.



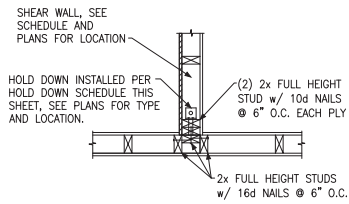
HEEL HEIGHT GREATER THAN 9" AND LESS THAN 15"



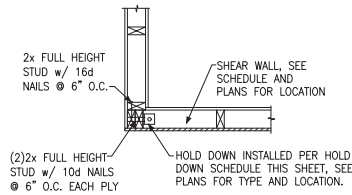
HEEL HEIGHT GREATER 15"

E ROOF TRUSS BEARING/BLOCKING AT BRACED WALL PANELS
ONLY REQUIRED AT BRACED WALL PANELS

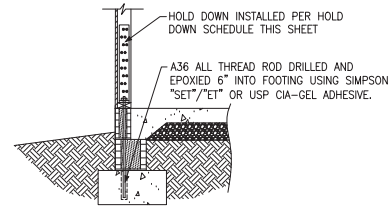




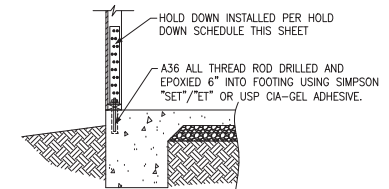
(A) TYPICAL HOLD DOWN DETAIL



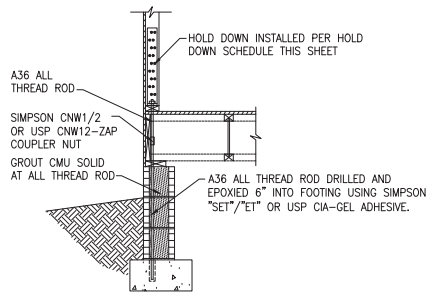
(B) TYPICAL HOLD DOWN DETAIL



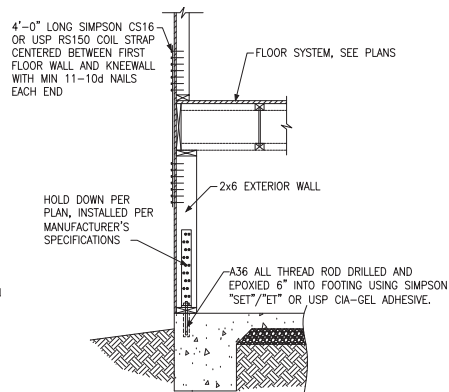
(C) HOLD DOWN AT STEMWALL SLAB



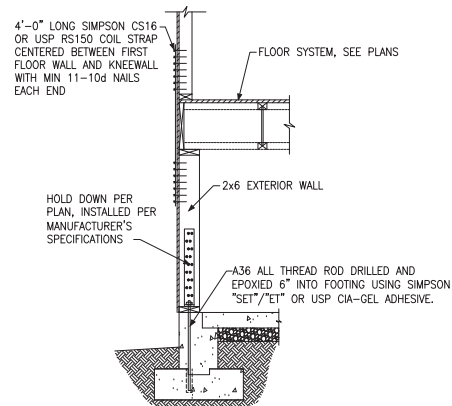
(D) HOLD DOWN AT MONOLITHIC SLAB



(E) HOLD DOWN AT CRAWL FOUNDATION



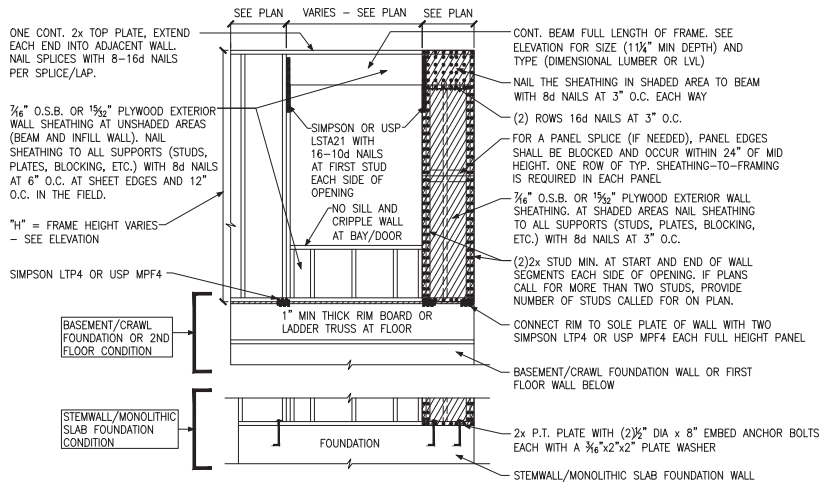
(F) HOLD DOWN AT FOUNDATION MONOLITHIC TURN-DOWN



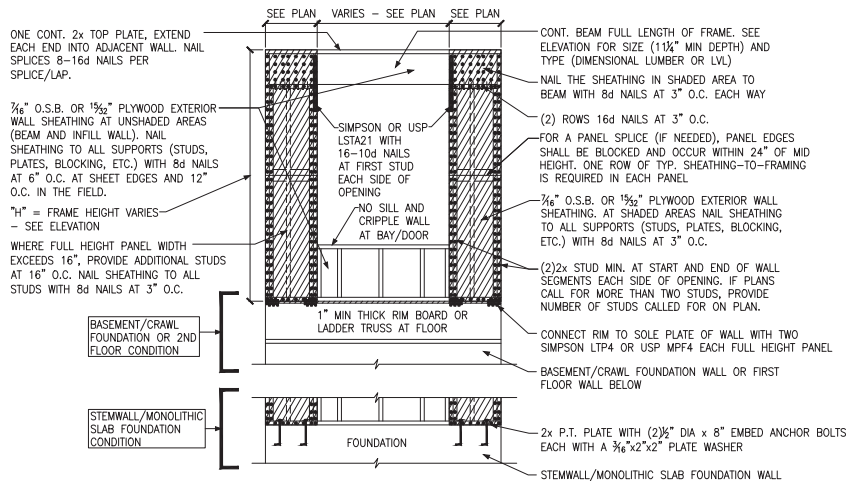
(G) HOLD DOWN AT FOUNDATION STEM WALL

HOLD DOWN SCHEDULE			
HOLD DOWN		ALL TREAD ROD	FASTENERS
SIMPSON	USP		
LTP2	LTS20B	1/2" DIA.	(10)10d NAILS
HTT4	HTT16	3/8" DIA.	(18)16dx2 1/2" LONG NAILS
HTT5	HTT45	3/8" DIA.	(26)16dx2 1/2" LONG NAILS

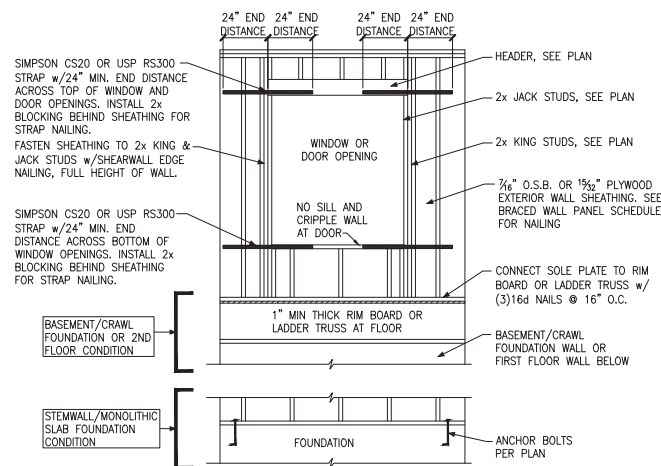




A METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
ONE BRACED WALL SEGMENT



B METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
TWO BRACED WALL SEGMENTS



C WINDOW OR DOOR REINFORCEMENT IN ENGINEERED SHEAR WALL
ONLY REQUIRED WHERE SPECIFIED ON PLANS

BRACED WALL PANEL AND ENGINEERED SHEAR WALL SCHEDULE			
PANEL TYPES	PANEL TYPE	MATERIAL	FASTENERS
WSP	INTERMITTENT WOOD STRUCTURAL PANEL	7/16" OSB	6d OR 8d COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. ENGINEERED ALTERNATIVE: 16 GAGE BY 1.75" LONG STAPLES AT 3" O.C. AT SHEET EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
GB(1)	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM	1.5" LONG GAL. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 7" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
GB(1)-4	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM	1.5" LONG GAL. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 4" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
GB(2)	INTERMITTENT GYPSUM BOARD (SHEATHING BOTH FACES OF WALL)	1/2" GYPSUM	1.5" LONG GAL. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 7" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
CS-WSP	CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB	6d OR 8d COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. ENGINEERED ALTERNATIVE: 16 GAGE BY 1.75" LONG STAPLES AT 3" O.C. AT SHEET EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
CS-PF	CONTINUOUS SHEATHED PORTAL FRAME	7/16" OSB	NAILING PER DETAIL
CS-EPF	PORTAL FRAME WITH HOLD DOWNS	7/16" OSB	NAILING PER DETAIL
CS-ESW(1)	ENGINEERED SHEAR WALL, TYPE 1	7/16" OSB	8d COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS
CS-ESW(2)	ENGINEERED SHEAR WALL, TYPE 2	7/16" OSB	8d COMMON NAILS AT 4" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS
CS-ESW(3)	ENGINEERED SHEAR WALL, TYPE 3	7/16" OSB	8d COMMON NAILS AT 3" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS

BRACED WALL PANEL NOTES:

- ALL BRACED WALL PANELS SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES, EXCEPT INTERMITTENT GYPSUM BOARD PANEL TYPES INSTALLED HORIZONTALLY.
- PROVIDE NAILING/BLOCKING ABOVE AND BELOW ALL BRACED WALL PANELS PER KSE BRACED WALL DETAILS.
- SHEATH ALL EXTERIOR WALLS OF THE HOUSE WITH 1/4" O.S.B., OR 1/2" PLYWOOD, FASTENED PER IRC. AT EXTERIOR CORNERS, SHEATHING SHALL BE FASTENED PER KSE BRACED WALL DETAILS. AT INTERIOR WALL INTERSECTIONS, FASTEN STUDS & WALL BRACING PER KSE BRACED WALL DETAILS.
- BRACED WALL PANELS AND ENGINEERED SHEAR WALLS ARE PROVIDED PER IRC. PANEL LENGTHS SHOWN ON PLANS ARE THE MINIMUM LENGTH REQUIRED.

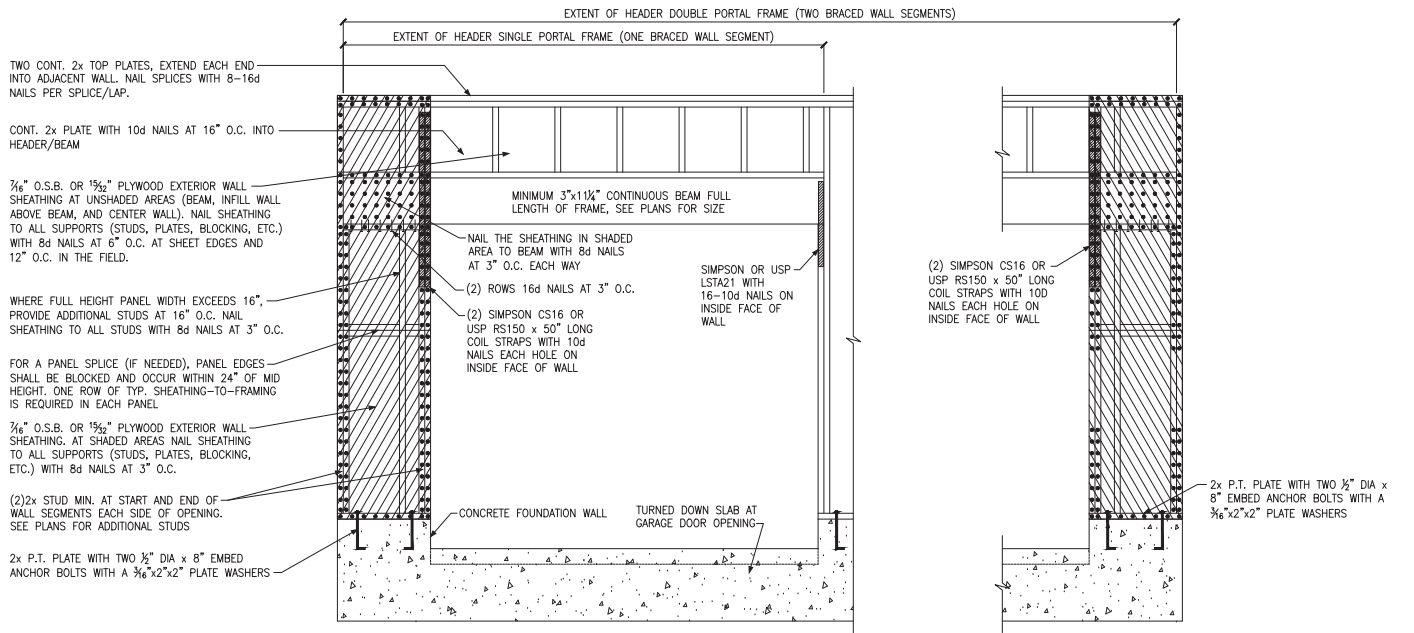


Braced Wall Notes & Details
Serenity, Lot #1003
B329 Buckhorn Model
Serenity
Raleigh, North Carolina

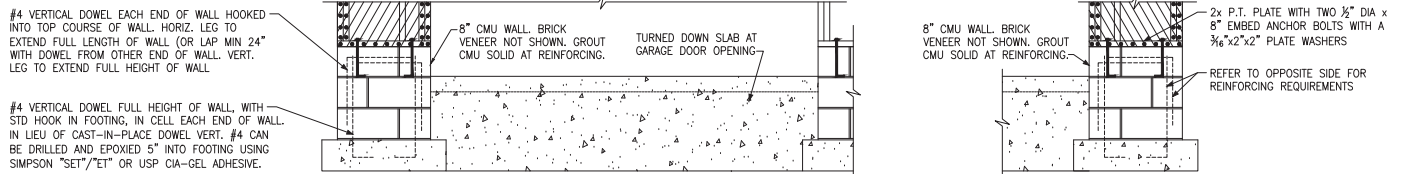
Project #: 047-20009
Designed By: JPS
Checked By:
Issue Date: 3/13/25
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34



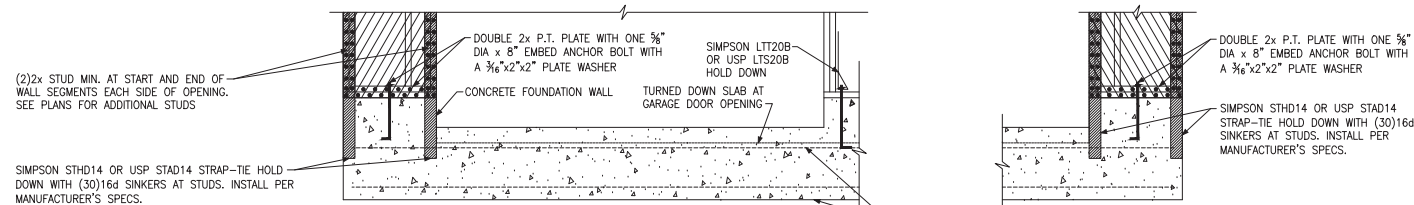
David Weekley Homes
Raleigh, NC



(A) METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
MONOLITHIC SLAB OR BASEMENT FOUNDATION

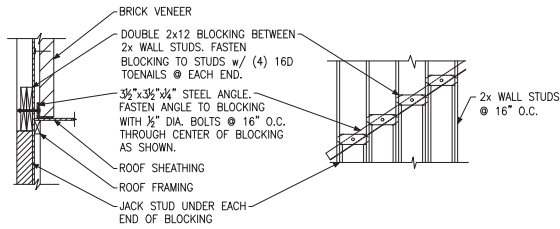


(B) METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
STEMWALL SLAB OR CRAWL SPACE FOUNDATION



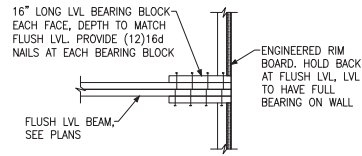
(C) METHOD CS-EPF: ENGINEERED PORTAL FRAME WITH HOLD-DOWNS
CONTINUOUS #4 HIGH AND LOW. PROVIDE MIN 24" LAPS WHERE SPICED.



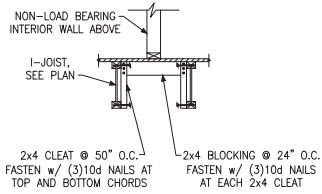


SECTION VIEW ELEVATION VIEW

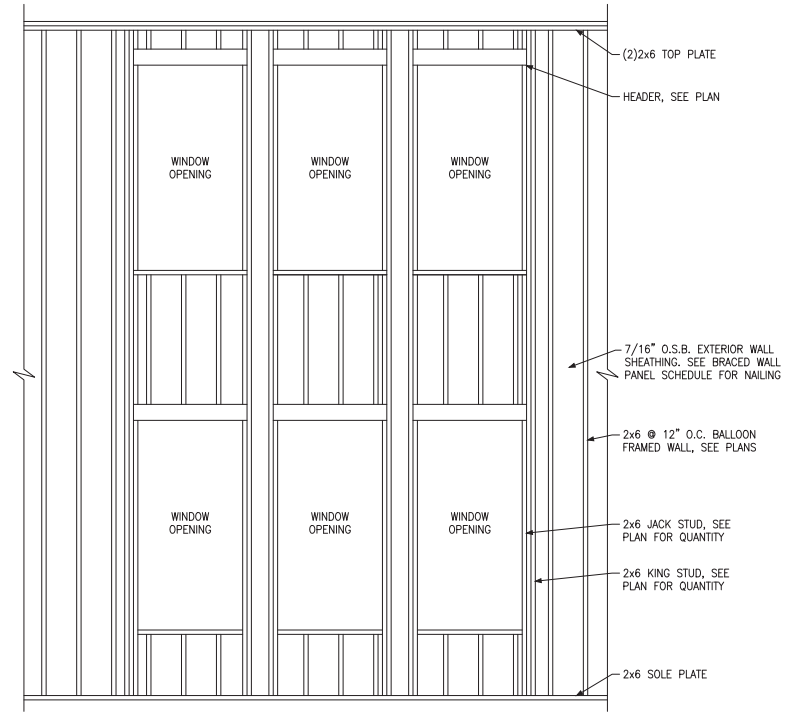
(A) BRICK LEDGER CONNECTION DETAIL



(B) BEARING ENHANCER
FLUSH LVL



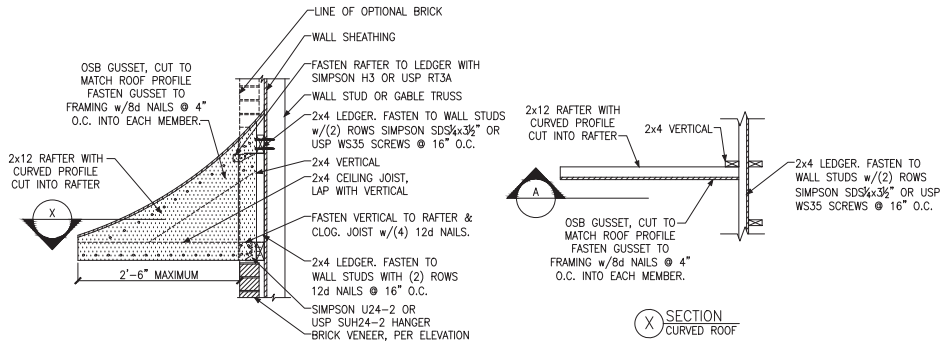
(C) I-JOIST LADDER BLOCKING
AS REQUIRED @ PARALLEL WALLS



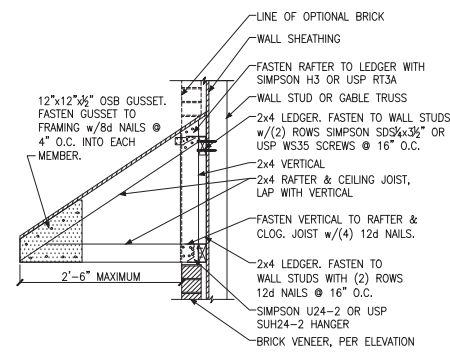
(D) BALLOON FRAMED WALL DETAIL
N.T.S.

WALL STUD SIZE, HEIGHT & SPACING SCHEDULE						
STUD SIZE	BEARING WALLS				NONBEARING WALLS	
	LATERALLY UNSUPPORTED STUD HEIGHT	MAXIMUM SPACING WHEN SUPPORTING A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY, ONLY	MAXIMUM SPACING WHEN SUPPORTING ONE FLOOR, PLUS A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY	MAXIMUM SPACING WHEN SUPPORTING TWO FLOORS, PLUS A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY	LATERALLY UNSUPPORTED STUD HEIGHT	MAXIMUM SPACING
2x4	10'-0"	24"	16"	-	14'-0"	24"
2x6	10'-0"	24"	24"	16"	20'-0"	24"

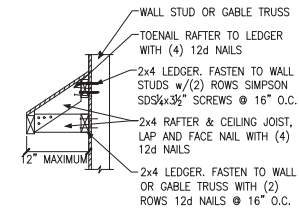




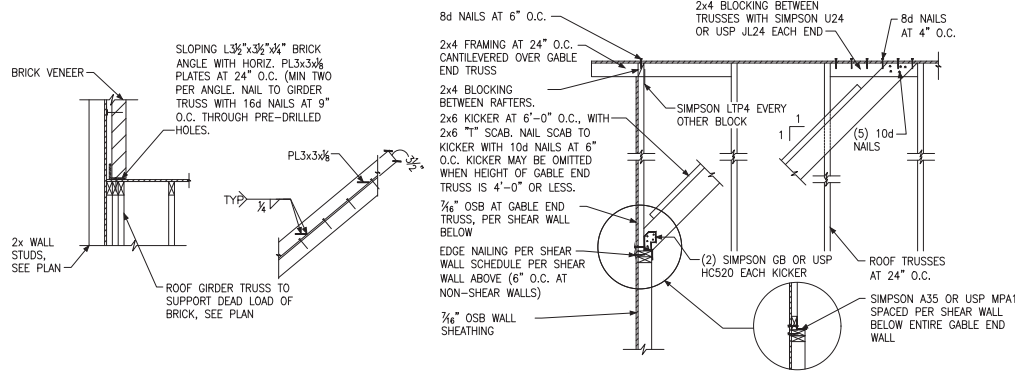
A PENT ROOF DETAIL
CURVED ROOF



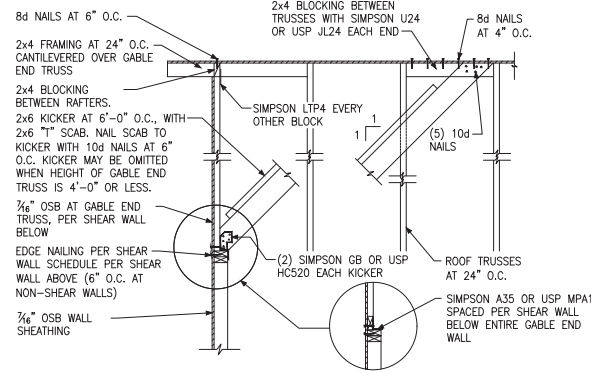
B PENT ROOF DETAIL
STRAIGHT ROOF



C EYEBROW ROOF DETAIL
STRAIGHT ROOF



D TRUSS DETAIL

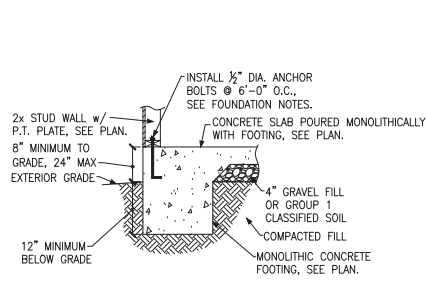


E GABLE END WALL DETAIL

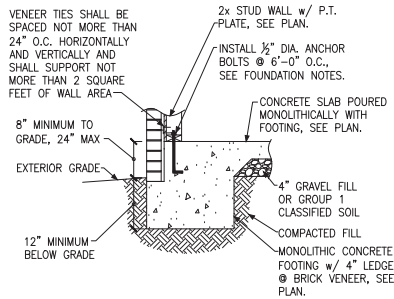


Miscellaneous Framing Details
Serenity, Lot #1003
B329 Buckhorn Model
Serenity
Raleigh, North Carolina

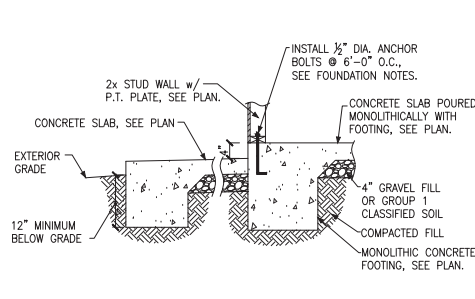
Project #: 047-20009
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Scale: 1/8"=1'-0" @ 11x17
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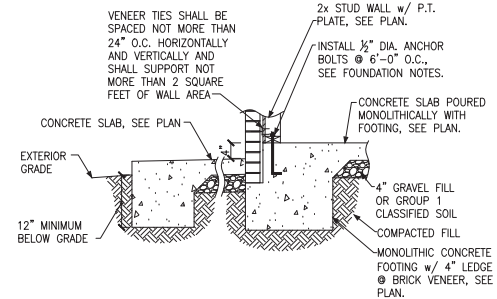
(A) FOUNDATION SECTION
EXTERIOR WALL



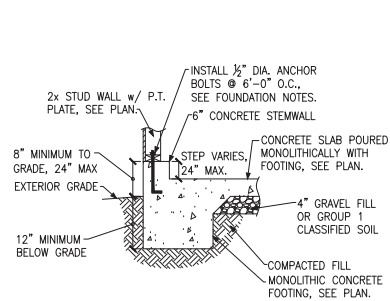
(B) FOUNDATION SECTION
EXTERIOR WALL @ BRICK VENEER



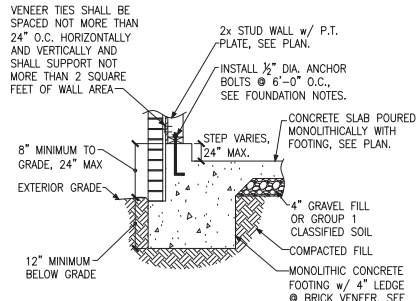
(C) FOUNDATION SECTION
EXTERIOR WALL AT PORCH



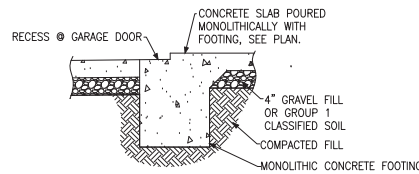
(D) FOUNDATION SECTION
EXTERIOR WALL AT PORCH w/ BRICK VENEER



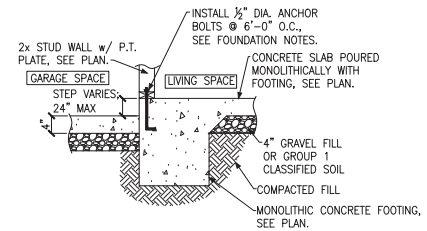
(E) FOUNDATION SECTION
EXTERIOR GARAGE WALL



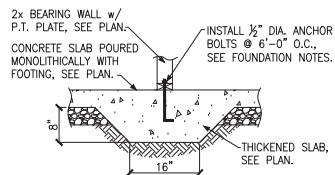
(F) FOUNDATION SECTION
EXTERIOR GARAGE WALL @ BRICK VENEER



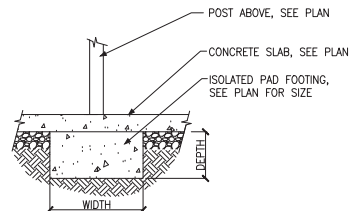
(G) GARAGE DOOR SECTION
GARAGE DOOR



(H) THICKENED SLAB
AT GARAGE

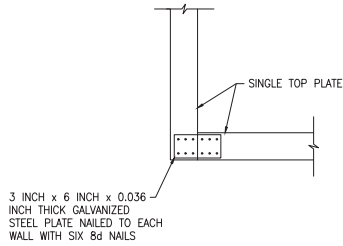


(J) THICKENED SLAB SECTION
INTERIOR BEARING WALL

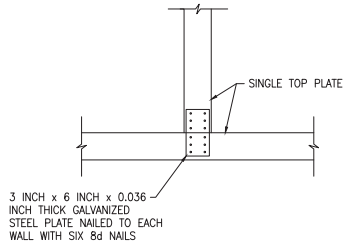


(K) ISOLATED PAD FOOTING
INTERIOR COLUMN

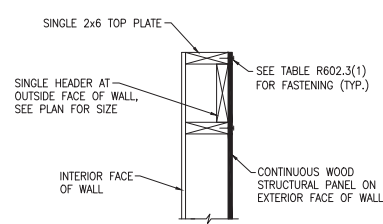




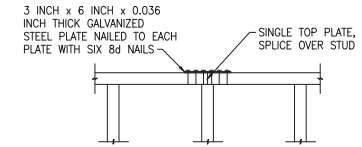
A SINGLE TOP PLATE SPLICE
WALL INTERSECTION



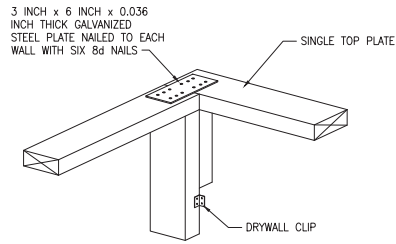
B SINGLE TOP PLATE SPLICE
WALL INTERSECTION



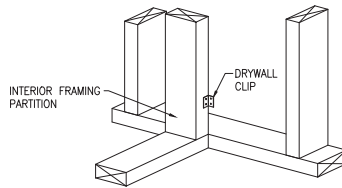
C SINGLE LOAD BEARING HEADER
EXTERIOR WALL



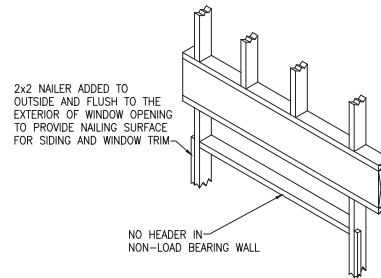
D SINGLE TOP PLATE SPLICE
INTERIOR OR EXTERIOR WALL



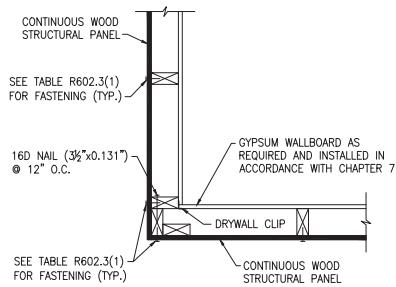
E SINGLE TOP PLATE SPLICE
WALL INTERSECTION



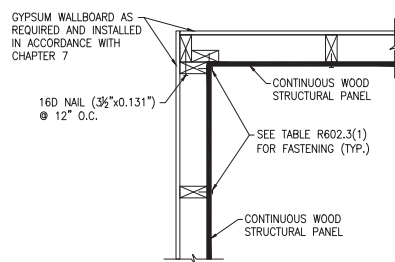
F SINGLE TOP PLATE SPLICE
WALL INTERSECTION



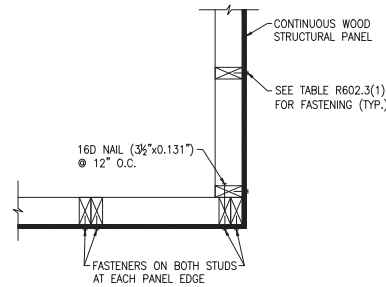
G NON-LOAD BEARING HEADER
EXTERIOR WALL



H TYPICAL EXTERIOR CORNER FRAMING
OUTSIDE CORNER DETAIL



J TYPICAL EXTERIOR CORNER FRAMING
INSIDE CORNER DETAIL



K TYPICAL EXTERIOR CORNER FRAMING
GARAGE DOOR CORNER DETAIL

ADVANCED FRAMING NOTES

- 1.) EXTERIOR WALLS TO BE 2x6 S.P.F. STUDS @ 24" O.C. WITH SINGLE TOP PLATE. TOP PLATE TO BE SPLICED PER NC RESIDENTIAL CODE.
- 2.) INTERIOR BEARING WALLS TO BE PER NC RESIDENTIAL CODE.
- 3.) ROOF TRUSSES AND FLOOR JOISTS ARE TO BE STACKED AND CENTERED OVER STUDS WITH A TOLERANCE OF NO MORE THAN 1 INCH. ADDITIONAL STUDS ARE TO BE ADDED WHERE THE ROOF TRUSSES AND FLOOR JOISTS ARE NOT STACKED OVER STUDS WITHIN 1" TOLERANCE.
- 4.) INTERIOR NON-LOAD BEARING WALLS TO BE 2x4 S.P.F. STUDS @ 24" O.C. WITH SINGLE TOP PLATE. TOP PLATE TO BE SPLICED PER NC RESIDENTIAL CODE.
- 5.) LOAD-BEARING HEADERS ARE NOT REQUIRED IN INTERIOR OR EXTERIOR NONBEARING WALLS. A SINGLE FLAT 2x MEMBER MAY BE USED AS A HEADER IN INTERIOR OR EXTERIOR NONBEARING WALLS FOR OPENINGS UP TO 8 FEET IN WIDTH IF THE VERTICAL DISTANCE TO THE PARALLEL NAILING SURFACE IS NOT MORE THAN 24 INCHES. FOR SUCH NONBEARING HEADERS, NO CRIPPLES OR BLOCKING ARE REQUIRED ABOVE THE HEADER.



Advanced Framing Details & Notes

Serenity, Lot #1003

B329 Buckhorn Model

Serenity

Raleigh, North Carolina

Project #: 047-2009
Designed By: JPS
Checked By:
Issue Date: 3/13/25
Re-issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

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