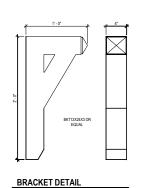
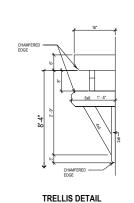


CORNICE DTL

SCALE: 1" = 1'-0"



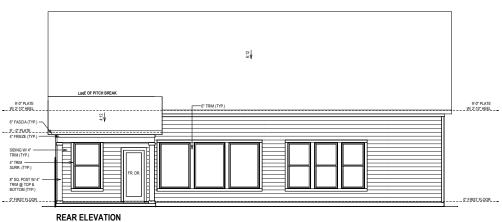
SCALE: 1" = 1'-0"



SCALE: 1/2" = 1'-0"

ENTRY DOOR

PROVIDE HANDRAIL WHEN REQUIRED BY CODE



SERENITY 65' IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

Lot:

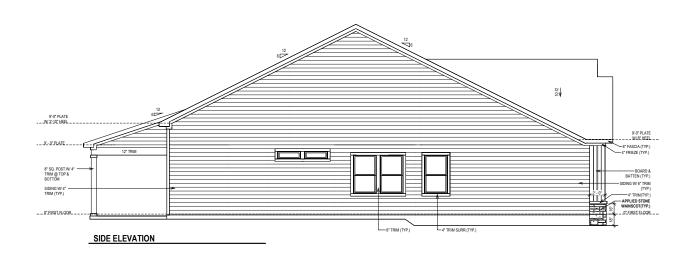
Proj. No.: 3277 Job No.: 1015

Scale:1/8"=1'-0" Rev: 12/16/24 AM

BR/JP/MW Date: 03/09/2021

NORTH **B326-A** BLAKESTONE RALEIGH





Week by Homes L.P. 2021
The measuments, dimension, and other specifications show no mis document as quidelines for construction use show no mis document are guidelines for construction use only. The status specification of the initial destructure may vary. This document may not be relieful on as a representation of what the completed structure will look like.

David Weekley Homes	Scale:1/8"=1'-0" Rev: 12/16/24 AM
David Wee	BR/JP/MW Date: 03/09/2021
Lot: 1015	Block: Sect:

Proj. No.:	3277	Job No.: 1015
SERENITY 65' IM	1219 SERENITY WALK PARKWAY	FUQUAY VARINA, NC



MONOLITHIC SLAB FOUNDATION PLAN

ROOF FRAMING PLAN

SD-1 BRACED WALL DETAILS

SD-2 HOLD DOWN DETAILS

SD-3 BRACED WALL NOTES & DETAILS

SD-4 PORTAL FRAME DETAILS

MISCELLANEOUS FRAMING DETAILS MISCELLANFOLIS FRAMING DETAILS SD-6

SD-7 MONOLITHIC SLAB FOUNDATION DETAILS

SD-8 NOT LISED

SD-9 SD-10 NOT LISED

SD-11

ADVANCED FRAMING DETAILS & NOTES SD-12



1900 AM DRIVE, SUITE 201, QUAKERTOWN, PA 18951 www.kse-eng.com (215) 804-4449

B326 BLAKESTONE

SERENITY, LOT #1015

RALEIGH, NORTH CAROLINA

THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH AND COORDINATED WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. THIS COORDINATION IS NOT THE RESPONSIBILITY OF THE RECOURAGE ENGINEER OF RECORD (SER), SHOULD ANY DISORPEANCIES BECOME APPARENT, THE CONTRACTOR SHALL NOTIFY KSE ENGINEERING, P.C. SEFORE CONSTRUCTION BEGINS. IT IS THE INTENT OF THE ENGINEER LISTED ON THESE DOCUMENTS THAT THESE DOCUMENTS DE ACCUMENTS, PROFESSIONALS CLEAR INFORMATION. EVERY ATTEMPT HAS BEEN MADE TO PREVENT ERROR. THE BUILDER AND ALL SUBCONTRACTORS ARE REQUIRED TO REVIEW ALL OF THE INFORMATION CONTRACTED IN THESE DOCUMENTS PRIOR TO THE COMMENCEMENT OF ANY WORK. THE ENGINEER IS NOT RESPONSIBLE FOR ANY PLAN ERRORS, OMISSIONS, OR MISHITERPRETAINS UNDETECTED AND NOT REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. ALL CONSTRUCTION MUST BE IN ACCORDANCE TO THE INFORMATION FOUND IN THESE DOCUMENTS.

DESIGN SPECIFICATIONS:

DESIGN BUILDING CODE (REFERRED TO HEREIN AS 'THE BUILDING CODE'):

• 2018 NORTH CAROLINA RESIDENTIAL CODE. WALL BRACING PER INTERNATIONAL RESIDENTIAL

CODE 2015 EDITION.

**RODF = 20 PSF (LOAD DURATION FACTOR=1.25)

**UNINHABITABLE ATTICS WITH LIMITED STORAGE = 20 PSF (WHERE SPECIFIED ON PLANS)

· HABITABLE ATTICS AND ATTICS SERVED WITH FIXED STAIRS = 30 PSF

• FLOOR (SLEEPING AREAS) = 30 PSF

• DECK/BALCONY = 40 PSF • STAIRS = 40 PSF

DESIGN DEAD LOADS:

• ROOF TRUSS = 17 PSF (TC=7, BC=10) • FLOOR TRUSS = 15 PSF (TC=10, BC=5)

• FLOOR JOIST = 10 PSF • STANDARD BRICK = 40 PSF

· QUEEN ANNE BRICK = 25 PSF

NOTE: STRUCTURAL FRAMING HAS NOT BEEN DESIGNED FOR TILE, GRANITE, MARBLE OR OTHER MATERIALS HEAVIER THAN THE ABOVE LOADING UNLESS SPECIFICALLY NOTED ON PLANS..

DESIGN WIND LOADS:

• ULTIMATE WIND SPEED = 115 MPH

EXPOSURE CATEGORY = B

ASSUMED SOIL BEARING CAPACITY = 2000 PSF

ASSUMED LATERAL SOIL PRESSURE = 45 PCF

FROST DEPTH = 12" MINIMUM

SEISMIC DESIGN CATEGORY = B

ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN VALUES:

*TJI 210 SERIES (SERIES AND SPACING PER PLANS)

*LSL: E=1,550,000 PSI, F₈=2,325 PSI, F₈=310 PSI, F₆=900 PSI

*LYL: E=2,000,000 PSI, F₈=2,000 PSI, F₉=285 PSI, F₇=750 PSI

*PSL: E=2,100,000 PSI, F₈=2,900 PSI, F₆=290 PSI, F₆=625 PSI

ENGINEERING E, SUITE 201, QUAKERTOWN, PA 18951

David Weekley Homes

Cover Sheet Serenity, Lot #1015 B326 Blakestone Model 115 M.P.H. Carolina Raleigh, North





- THE DESIGN PROFESSIONAL WHOSE SEAL APPEARS ON THESE DRAWINGS IS THE STRUCTURAL ENGINEER OF RECORD (SER) FOR THIS PROJECT, THE SER BEARS THE RESPONSIBILITY OF THE PRIMARY STRUCTURAL ELEMENTS AND THE PERFORMANCE OF THIS STRUCTURE.
 NO OTHER PARTY MAY REVISE, ALTER, OR DELETE ANY STRUCTURAL
 ASPECTS OF THESE CONSTRUCTION DOCUMENTS WITHOUT WRITTEN ASPECTS OF THESE CONSTRUCTION DUCKNETS WITHOUT WHITEN CONSENT OF RESE ENGINEERING, P.C. OR THE SER. FOR THE PURPOSES OF THESE CONSTRUCTION DOCUMENTS, THE SER AND KSE ENGINEERING SHALL BE CONSIDERED THE SAME ENTITY. THE STRUCTURE IS OWNLY STABLE IN TSO COMPLETED FORM. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY BRACKING DURING CONSTRUCTION TO STABILIZE THE STRUCTURE.

 FIRE SER IS NOT RESPONSIBLE FOR CONSTRUCTION SCOULDNESS,
- ODS, OR TECHNIQUES IN CONNECTION WITH THE CONSTRUCTION HIS STRUCTURE. THE SER WILL NOT BE HELD RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CONFORM TO THE CONTRACT

THE CONTROLLOR'S PALLORE TO COMPORAN TO IT BE CONTROL.

DOCUMENTS, SHOULD ANY NON-CONFORMITIES OCCUR.

THE SER DOES NOT CERTIFY DIMENSIONAL ACCURACY OR
ARCHITECTURAL LAYOUT INCLUDING ROOF GEOMETRY. THE SER
ASSUMES NO LUBILITY FOR CHANGES MADE TO THESE PLANS BY
OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVAITION

OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVAITION OTHERS, OR FOR AND EVENTION METHODS, OF FOR AND EVENTION FROM THE PLANS. THE SER SHALL BE NOTIFIED PRIOR TO CONSTRUCTION IF ANY DISCREPANCIES ARE NOTED ON THE PLANS. ANY STRUCTURAL ELEMENTS OR DETAILS NOT FULLY DEVELOPED ON THE CONSTRUCTION OF THE PLANS THE CONTROLLED ON THE CONTRO

- THE CONSTRUCTION DRAWINGS SHALL BE COMPLETED UNDER THE DIRECTION OF A LICENSE PROFESSIONAL INSINIER. THESE SHOP DRAWINGS SHALL BE SUBMITTED TO KSE ENGINEERING FOR REVIEW BEFORE ANY CONSTRUCTION BEGINS. THE SHOP DRAWINGS WILL BE REVIEWED FOR OVERALL COMPLIANCE AS IT RELATES TO THE STRUCTURAL DESIGN OF THIS FROMEOT. VERIFICATION OF THE SHOP DRAWINGS FOR DIMENSIONS, OR FOR ACTUAL FIELD CONDITIONS, IS NOT THE RESPONSIBILITY OF THE SER OR KSE ENGINEERING, P.C. VERIFICATION OF ASSUMED FIELD CONDITIONS IS NOT THE RESPONSIBILITY OF THE CONTRACTOR SHALL VERIFY THE FIELD CONDITIONS FOR ACCURACY AND REPORT ANY DISCREPANCIES TO KSE FINDINGSTRING. P.C. BEFORE CONSTRUCTION FROMS. THE CONSTRUCTION DRAWINGS SHALL BE COMPLETED UNDER THE
- TO KSE ENGINEERING, P.C. BEFORE CONSTRUCTION BEGINS.
 THE SER IS NOT RESPONSIBLE FOR ANY SECONDARY STRUCTLELEMENTS OR NON-STRUCTURAL ELEMENTS, EXCEPT FOR THE
- FLEMENTS SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS THIS STRUCTURE AND ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE SECTIONS OF THE BUILDING CODE AND ANY LOCAL CODES OR RESTRICTIONS.

 DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE
- OVER SCALED DIMENSIONS, ALL DIMENSIONS ARE TO FACE OF STUD OR TO FACE OF FRAMING LINLESS OTHERWISE NOTED 10. WATERPROOFING AND FLASHING BY OTHERS.

FOUNDATIONS: FOUNDATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 4 OF THE BUILDING CODE

- CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING THE SUITABILITY
 OF THE SITE SOIL CONDITIONS AT THE TIME OF CONSTRUCTION. THE BUILDER SHALL FURNISH ANY AND ALL REPORTS RECEIVED FROM THE GEOTECHNICAL ENGINEER ON THE STUDY OF THE PROPOSED SITE TO THE DESIGNER, STRUCTURAL ENGINEER, AND GENERAL CONTRACTOR.
- MAXIMUM DEPTH OF UNBALANCED FILL AGAINST MASONRY WALLS TO
- BE AS SPECIFIED IN THE BUILDING CODE.

 THE SER HAS NOT PERFORMED A SUBSURFACE INVESTIGATION. VERIFICATION OF THE ASSUMED VALUE IS THE RESPONSIBILITY OF THE OWNER OR THE CONTRACTOR. SHOULD ANY ADVERSE SOIL CONDITION BE ENCOUNTERED, THE SER MUST BE CONTACTED BEFORE DEPORTED.
- THE BOTTOM OF ALL FOOTINGS SHALL EXTEND BELOW THE FROST LINE FOR THE REGION IN WHICH THE STRUCTURE IS TO BE CONSTRUCTED, BUT NOT LESS THAN A MINIMUM OF 12" BELOW GRADE, ALL FOOTINGS TO HAVE A MINIMUM PROJECTION OF 2" ON EACH SIDE OF FOUNDATION WALLS, MAXIMUM FOOTING PROJECTION SHALL NOT EXCEED THE THICKNESS OF THE FOOTING.
 WOOD SILL PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH
- 16" ANCHOR BOLTS WITH MINIMUM 7" EMBEDMENT, SPACED A MAXIMUM OF 6'-0" O.C. INSTALL MINIMUM 2 ANCHOR BOLTS PER SECTION, 12" MAXIMUM FROM CORNERS. ½" DIAMETER x 8" LONG SIMPSON TITEN HD OR USP SCREW-BOLT+ SCREWS MAY BE SUBSTITUTED ON A 1
- FOR 1 BASIS FOR CONCRETE FOUNDATIONS ONLY.

 ANY FILL SHALL BE PLACED UNDER THE DIRECTION OR
 RECOMMENDATION OF A LICENSED PROFESSIONAL ENGINEER. THE RESULTING SOIL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY
- EXCAVATIONS OF FOOTINGS SHALL BE LINED TEMPORARILY WITH A 6
 MIL POLYETHYLENE MEMBRANE IF PLACEMENT OF CONCRETE DOES NOT OCCUR WITHIN 24 HOURS OF EXCAVATION. NO CONCRETE SHALL BE PLACED AGAINST ANY SUBGRADE CONTAINING
- NO CONCRETE SHALL BE PLACED AGAINST ANY SUBGRADE CONTR WATER, ICE, FROST, OR LOOSE MATERIAL. PROVIDE FOUNDATION WATERPROPING AND DRAIN WITH POSITIVE SLOPE TO OUTLET AS REQUIRED BY SITE CONDITIONS (SEE
- ARCHITECTURAL PLANS AND DETAILS).

 NONE OF THE FOUNDATION DESIGNS IN THESE DOCUMENTS ARE SUITABLE
- FOR INSTALLATION IN SHRINK/SWELL CONDITIONS, REFER TO
- GEOTECHNICAL ENGINEER FOR APPROPRIATE DESIGN.
 LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM
 FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 6 INCHES WITHIN THE FIRST TEN FEET.
- WHIN THE HIST IEN FEEL.

 3. CRAWL SPACE TO BE GRADED LEVEL AND CLEAR OF ALL DEBRIS.

 14. PROVIDE MINIMUM 6 MIL APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MINIMUM 12" AND SEALED.

- CONCRETE & REINFORCING
 - CONCRETE DESIGN BASED ON ACI 318 AND ACI 318.1 OR ACI 332.
 CONCRETE SHALL HAVE A NORMAL WEIGHT AGGREGATE AND A MINIMUM
 COMPRESSIVE STRENGTH (f'c) = 3,000 PSI MINIMUM AT 28 DAYS PER
- CODE (VARIES W/ WEATHER), UNLESS OTHERWISE NOTED ON THE PLAN. CONCRETE SHALL BE PROPORTIONED, MIXED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITIONS OF ACL 318: "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" AND ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
- AIR ENTRAINED CONCRETE MUST BE USED FOR ALL STRUCTURAL ELEMENTS EXPOSED TO FREEZE/THAW CYCLES AND DEICING CHEMICALS. AIR ENTRAINMENT AMOUNTS (IN PERCENT) SHALL BE WITHIN -1% TO +2% OF 5% FOR FOOTINGS AND EXTERIOR SLABS. NO ADMIXTURES SHALL BE ADDED TO ANY STRUCTURAL CONCRETE WITHOUT WRITTEN PERMISSION OF THE SER. WATER ADDED TO
- CONCRETE ON SITE SHALL NOT EXCEED THAT ALLOWED BY THE MIX
- DESIGN.
 CONCRETE SLABS-ON-GRADE SHALL BE CONSTRUCTED IN ACCORDANCE
 WITH ACI 302.1R: "GUIDE FOR CONCRETE SLAB AND SLAB CONSTRUCTION".
- CONTROL OR SAW CUT JOINTS (CUT OR TOOLED) SHALL BE SPACED IN INTERIOR SLARS-ON-GRADE AT A MAXIMUM OF 15'-0" O.C. AND IN EXTERIOR SLABS-ON-GRADE AT A MAXIMUM OF 10'-0" UNLESS OTHERWISE NOTED, CARE SHALL BE TAKEN TO AVOID RE-ENTRANT CORNERS
- CONTROL OR SAW CUT JOINTS SHALL BE PRODUCED USING CONVENTIONAL CUT OR TOOLED PROCESSES WITHIN 4 TO 12 HOURS AFTER THE SLAB HAS BEEN FINISHED. REINFORCING STEEL MAY EXTEND THROUGH A SAW CUT JOINT
- ALL WELDED WIRE FABRIC (W.W.F.) FOR CONCRETE SLABS-ON-GRADE SHALL BE PLACED AT MID-DEPTH OF SLAB. THE W.W.F. SHALL BE SECURELY SUPPORTED DURING THE CONCRETE POUR, FIBROUS CONCRETE REINFORCEMENT, OR POLYPROPYLENE FIRERS MAY BE LISED. CONCRETE REINFORCEMENT, OR POLTPROPTENE FIBERS MAY BE USED IN LIEU OF WWW.F. APPLICATION OF POLYPROPYLENE FIBERS PER CUBIC YARD OF CONCRETE SHALL BE PER MANUFACTURER AND COMPLY WITH ASTM C1116, ANY LOCAL BUILDING CODE REQUIREMENTS AND SHALL WITH COLUMN ASTM C1116, ANY LOCAL BUILDING CODE REQUIREMENTS AND SHALL MEET OR EXCEED CURRENT INDUSTRY STANDARD.
- 10 POLYPROPYLENE REINFORCING TO BE 100% VIRGIN CONTAINING NO REPROCESSED OLEFIN MATERIALS AND SPECIFICALLY MANUFACTURED FOR USE AS CONCRETE SECONDARY REINFORCEMENT.
- 11. STEEL REINFORCING BARS SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A615, GRADE 60.
- DETAILING, FABRICATION, AND PLACEMENT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315: "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES".
- HORIZONTAL FOOTING AND WALL REINFORCEMENT SHALL BE CONTINUOUS AND SHALL HAVE 90° BENDS, OR CORNER BARS WITH
- THE SAME SIZE/SPACING AS THE HORIZONTAL REINFORCEMENT. 14. PROVIDE REINFORCEMENT LAP AS NOTED BELOW, UNLESS NOTED
- OTHERWISE: #4 BARS 30" LENGTH #5 BARS - 38" LENGTH #6 BARS - 45" LENGTH
- # DEMO: 43 LEUNIH SERVICE THE SHALL BE EQUIRED, THEY SHALL BE EQUIVALENT IN SIZE AND SPACING TO THE VERTICAL REINFORCEMENT. THE OWNER SHALL EXTEND 50 BAR DAMETERS VERTICALLY AND 20 BAR DAMETERS INTO THE FOOTING. SEE KSE FOUNDATION DETAILS.

 16. WHERE FOOTING BOTTOMS ARE TO BE STEPPED AT SLOPING GRADE
- CONDITIONS PROVIDE CONTINUOUS REINFORCING WITH 7 BARS (TO MATCH FOOTING REINFORCING) AS REQUIRED.

 17. BAR SUPPORT ACCESSORIES SHALL BE PROVIDED IN ACCORDANCE WITH
- THE LATEST ACL MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, EXCEPT THAT REINFORCING SHALL BE CHAIRED ON THE BOTTOM AND/OR THE SIDES ON BOLSTERS SPACED NOT MORE THAN 4 FEET ON CENTER NO ROCKS, CMU, CLAY
- STACLD NOT MORE THAN 4 FEEL ON CENTER NO ROCKS, CMO, CLAT TILE, OR BRICK SHALL BE USED TO SUPPORT REINFORCING. FOR GRADE SUPPORTED SLABS, SLAB REINFORCING SHALL BE HELD IN PLACE BY BAR SUPPORTS AND ACCESSORIES AS DESCRIBED IN THE CRSI MANUAL OF STANDARD PRACTICE. BAR SUPPORTS SHALL BE SPACED A MAXIMUM OF 4'-0" O.C. BOTH WAYS IN STRAIGHT LINES ON

MASONRY

- ALL MASONRY SHALL CONFORM TO ASTM C-90, F'm=1500 PSI, ALL BRICK SHALL CONFORM TO ASTM C-216, F'm=1500 PSI. ALL MORTAR SHALL BE TYPE 'S' (TYPE 'M' BELOW GRADE) AND CONFORM TO ASTM C-270. COARSE GROUT SHALL CONFORM TO ASTM C-476 WITH A MAXIMUM AGGREGATE SIZE OF 36" AND A MINIMUM COMPRESSIVE STRENGTH OF 2,000
- ALL MASONRY WORK SHALL BE IN ACCORDANCE WITH "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530/ASCE 5/TUMS 402 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" ACI 530.1/ ASCE
- 6/TUMS 602. THE UNSUPPORTED HEIGHT OF SOLID MASONRY PIERS SHALL NOT
- THE UNSUPPORTED HEIGHT OF SUILD MASONRY PIERS SHALL NOT EXCEED THE TIMES THEIR LEAST DIMENSION. UNFILLED HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THEIR LEAST DIMENSION. EACH CRAIM, SPACE PIER SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE FOOTING AND EACH GIODER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS, PILASTERS TO BE BONDED TO PERIMETER
- FOUNDATION WALL.
 TOP COURSE OF MASONRY SHALL BE GROUTED SOLID HORIZONTAL WALL JOINT REINFORCEMENT SHALL BE STANDARD 9 GAGE GALVANIZED LADDER OR TRUSS TYPE SPACED AT 16" O.C., UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- SPLICED WIRE REINFORCEMENT SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE OF EACH PIECE OF REINFORCEMENT WITHIN THE 6". LAP WITH STANDARD 'T' AND 'L' SHAPED PIECES AT INTERSECTIONS AND CORNERS

WOOD FRAMING:

- SOLID SAWN WOOD FRAMING MEMBERS SHALL CONFORM TO THE SPECIFICATIONS LISTED IN THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION": (NDS), UNLESS THERWISE NOTED, ALL WOOD FRAMING MEMBERS ARE DESIGNED
- SPRUCE-PINE-FIR (SPF) WITH THE FOLLOWING MINIMUM DESIGN
- E=1,400,000 PSI, F_b=875 PSI, F_v=135 PSI
- 1.1. FRAMING: SPF #2.
- 1.2. PLATES: SPF #2. 1.3. STUDS: SPF STUD GRADE
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE TREATED SOUTHERN YELLOW PINE #2 OR
- ANCHOR SILL PLATES IN ACCORDANCE w/ GENERAL STRUCTURAL NOTES. ANALYTIC SILL FURIES IN MUCONDUC BY CENTROL STRUCTIONS INVEST.

 ALL BEAMS SPECIFIED ARE MINIMUM SIZES ONLY. LARGER MEMBERS MAY
 BE SUBSTITUTED AS NEEDED FOR EASE OF CONSTRUCTION.

 NAILS SHALL BE COMMON WIRE NAILS UNLESS OTHERWISE NOTED.

 BOLT HOLES AND LEAD HOLES FOR LAG SOREWS SHALL BE IN
- ACCORDANCE WITH NDS SPECIFICATIONS.
- INDIVIDUAL STUDS FORMING A COLUMN SHALL BE ATTACHED WITH (2) ROWS 10d NAILS @ 6" O.C. STAGGERED. THE STUD COLUMN SHALL BE FULLY BLOCKED AT ALL FLOOR LEVELS TO ENSURE PROPER LOAD
- TRANSFER. WALL SHEATHING SHALL BE NAILED TO EDGE OF EACH STUD.
 FACE NAIL ALL MULTI-PLY BEAMS AND HEADERS WITH (2) ROWS 16d COMMON NAILS @ 16" O.C. STACCERED, OR PER MANUFACTURER'S SPECIFICATIONS FOR ENGINEERED LUMBER. APPLY NAILING FROM BOTH FACES FOR (3) OR MORE PLIES.
- FASTEN 4-PLY BEAMS WITH (1) 1/2" DIAMETER THROUGH BOLT w/ NUT WASHERS AT 12" O.C. STAGGERED TOP AND BOTTOM, 15" MINIMUM EDGE DISTANCE, (UNLESS OTHERWISE NOTED)
- ALL BEAMS AND HEADERS SHALL HAVE (1)2x JACK STUD & (1)2x KING STUD UNLESS OTHERWISE NOTED, THE NUMBER OF STUDS INDICATED ON PLANS ARE THE TOTAL NUMBER OF JACK STUDS REQUIRED, UNLESS
- 11. PROVIDE KING STUDS AT EACH END OF HEADERS AS NOTED BELOW. 24" O.C. STUD SPACING: (1) STUD UP TO 4' OPENING 16" O.C. STUD SPACING: (1) STUD UP TO 3' OPENING (2) STUDS UP TO 4' OPENING (2) STUDS UP TO 8' OPENING STUDS UP TO 8' OPENING (5) STUDS UP TO 12' OPENING (4) STUDS UP TO 16 OPENING (6) STUDS UP TO 16' OPENING
 ALL BEAMS TO BE CONTINUOUSLY SUPPORTED LATERALLY AND SHALL
- BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED WITH A MINIMUM OF TWO STUDS, UNLESS OTHERWISE NOTED. ALL BEAM
- WITH A MINIMUM OF TWO STUDS, UNLESS OTHERWISE NOTED. ALL BEAM SPLICES SHALL OCCUR OVER SUPPORTS. SOLID BLOCKING TO BE PROVIDED AT ALL POINT LOADS THROUGH FLOOR LEVELS TO THE FOUNDATION OR TO OTHER STRUCTURAL COMPONENTS. 14. ALL LUMBER SPECIFIED ON DRAWINGS IS INTENDED FOR DRY USE ONLY
- (MOISTURE CONTENT <19%) UNLESS OTHERWISE NOTED.
 ALL WATERPROOFING AND FIRE SAFETY SYSTEMS ARE TH RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DESIGNED AND DETAILED BY OTHERS
- DETAILED BY OTHERS.
 ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIAMETER SHALL HAVE STUD PROTECTION SHIELDS. ALL HOLES OVER 1" IN DIAMETER FOR PLUMBING PROTECTION SHIELDS. ALL HOLES OVER 1 IN DIAMETER FOR PLUMBII LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 OR USP STS1 STUD SHOES, TYPICAL, UNLESS OTHERWISE NOTED. BEARING WALLS SHALL BE SHEATHED ON NOT LESS THAN ONE SIDE
- WITH OSB OR GYPSUM BOARD, BRIDGING SHALL BE INSTALLED NOT GREATER THAN 4 FEET APART MEASURED VERTICALLY FROM EITHER END THE STUD IN LIEU OF SHEATHING.

- EXTERIOR WOOD FRAMED DECKS:

 1. DECKS ARE TO BE FRAMED IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND AS REFERENCED ON THE STRUCTURAL PLANS,
- EITHER THROUGH CODE REFERENCES OR CONSTRUCTION DETAILS.
 PRESERVATIVE TREATED WOOD FRAMING TO BE SOUTHERN YELLOW PINE #2 OR BETTER.
- GUARD RAILS AND LATERAL BRACING IS REQUIRED AT DECKS. DESIGN BY
- PROVIDE DECK LATERAL LOAD CONNECTIONS PER BUILDING CODE.

RAFTER FRAMED ROOF CONSTRUCTION:

- PROVIDE 2x4x4"-0" RAFTER TIES AT 50" O.C.
 RAFTERS SHALL BE SUPPORTED BY PURLINS AND PURLIN BRACES
 AS SHOWN ON THE PLAN. PURLIN BRACES SHALL NOT BEAR ON ANY CELLING JOIST STRONGRACK OR HEADER LINLESS SPECIFICALLY
- SHOWN ON PLAN. RAFTERS MAY BE SPLICED AT PURLIN LOCATIONS
 CEILING JOISTS SHALL HAVE LATERAL SUPPORT w/ 1x4 FLAT BRACING ON TOP FDGE OF JOIST AT LOOSE JOIST ENDS (WHERE JOISTS NOT FASTENED TO RAFTERS) OR FULL DEPTH BLOCKING.
 FASTEN END OF BRACING TO RAFTER OR GABLE END FRAMING.
- FASTEN RAFTER AND CEILING JOIST WITH (6) 12d NAILS UNLESS
- PROVIDE VERTICAL 2x6 STRONGBACKS AT CEILING JOISTS @ 8'-0" O.C. TIE STRONGBACK ENDS TO GABLE STUDS OR RAFTERS WHERE POSSIBLE. PROVIDE BLOCKING BETWEEN TOP PLATES AND STRONGBACKS. PROVIDE 2x4 FLAT FASTENED TO EACH JOIST WITH (2) 12d NAILS FASTEN STRONGRACK TO 2v4 FLAT WITH 12d NAILS @ 12" O.C. AND FASTENED TO EACH JOIST WITH (1) 12d TOENAIL

WOOD TRUSSES (FLOOR & ROOF):

- THE WOOD TRUSS MANUFACTURER/FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF THE WOOD TRUSSES, SUBMIT SEALED SHOP DRAWINGS AND SUPPORTING CALCULATIONS TO THE SER FOR REVIEW PRIOR TO FABRICATION. THE SER SHALL HAVE A MINIMUM OF (5) DAYS FOR REVIEW THE REVIEW BY THE SER SHALL BE FOR OVERALL COMPLIANCE OF THE DESIGN DOCUMENTS. THE SER SHALL ASSUME NO
 RESPONSIBILITY FOR THE CORRECTNESS OF THE STRUCTURAL DESIGN FOR THE WOOD TRUSSES.
- THE WOOD TRUSSES SHALL BE DESIGNED FOR ALL REQUIRED LOADINGS AS SPECIFIED IN THE LOCAL BUILDING CODE THE ASCE STANDARD. "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES. (ASCE 7), AND THE LOADING REQUIREMENTS SHOWN ON THESE SPECIFICATIONS. THE TRUSS DRAWINGS SHALL BE COORDINATED WITH ALL OTHER CONSTRUCTION DOCUMENTS AND PROVISIONS PROVIDED FOR LOADS SHOWN ON THESE DRAWINGS INCLUDING BUT NOT LIMITED TO HVAC FOLIPMENT, PIPING, AND ARCHITECTURAL FIXTURES ATTACHED TO
- THE TRUSSES.
 THE TRUSSES SHALL BE DESIGNED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI/TIP 1: "NATIK DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION"
- THE TRUSS MANUFACTURER SHALL PROVIDE ADEQUATE BRACIN INFORMATION IN ACCORDANCE WITH "BUILDING COMPONENT SAFETY INFORMATION GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" (BCI) THIS BRACING BOTH TEMPORARY AND PERMANENT SHALL BE SHOWN ON THE SHOP DRAWINGS. ALSO, THE SHOP DRAWINGS SHALL SHOW THE REQUIRED ATTACHMENTS FOR THE TRUSSES.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING TEMPORARY BRACING AND SHORING FOR THE FLOOR AND ROOF TRUSSES AS REQUIRED AND STANING FOR THE FLOOR AND ROOT ROOSES AS RECOURSE.

DIRING CONSTRUCTION. AT A MINIMUM, CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OF THE LATEST BCI. THE CONTRACTOR SHALL KEEP A COPY OF THE BCI SUMMARY SHEETS ON SITE.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PERMANENT

- THE CONTROLLOR RESPONSIBLE TO THE STRUCTURAL DRAWINGS AND IN THE TRUSS BRACING SHOWN IN THE STRUCTURAL DRAWINGS AND IN THE TRUSS DESIGNS. ALL CONTINUOUS LATERAL BRACING OF WEBS REQUIRES BRACES, REFER TO BCI SUMMARY SHEET BY FOR TYPES OF DIAGONAL BRACES TO PROVIDE AT EACH CONTINUOUS LATERAL BRACE LINE. SUCH BRACES IN PROFILE AT BUSH CONTINUOUS DIFFERS ARE LIKE SOU DIGGONLA BRACES SHALL NOT BE SPACED MORE THAN 20 FEET O.C. DIGGONLA BRACES SHALL BE FASTENE DID EACH TRUSS WEB WITH A MINIMUM OF TWO TOOF FACE SHALLS, WHERE CONTINUOUS CATERAL BRACING CANNOT BE INSTALLED, DUE TO A MINIMUM OF THREE ADJACENT TRUSSES NOT BEING DIEDTICAL, THE CONTRICTOR SHALL COORDINATE WITH THE TRUSS SPECIALTY ENGINEER/MANUFACTURER TO DETERMINE WHAT TYPE OF ALTERNATE BRACE (I.E., T OR L BRACE, ETC.) IS REQUIRED
- ANY CHORDS OR TRUSS WERS SHOWN ON THESE DRAWINGS HAVE BEEN SHOWN AS A REFERENCE ONLY. THE FINAL DESIGN OF THE TRUSSES SHALL BE PER THE MANUFACTURER.

 TRUSS LAYOUT AND PLACEMENT BY MANUFACTURER TO COINCIDE WITH
- THE SUPPORT LOCATIONS SHOWN ON THE SEALED STRUCTURAL DRAWINGS, TRUSS PROFILES TO BE SEALED BY THE TRUSS
 MANUFACTURER, TRUSS PLANS TO BE COORDINATED WITH THE SEALED STRUCTURAL DRAWINGS.
- TRUSS MANUFACTURER TO PROVIDE REQUIRED UPLIFT CONNECTORS FOR ALL TRUSSES
- 10. PROVIDE SIMPSON H2.5A, USP RT7 OR EQUIVALENT AT EACH TRUSS TO TOP PLATE CONNECTION, UNLESS OTHERWISE NOTED.

- WOOD STRUCTURAL PANELS:

 1. FABRICATION AND PLACEMENT OF STRUCTURAL WOOD SHEATHING SHALL BE IN ACCORDANCE WITH THE APA DESIGN/CONSTRUCTION GUIDE "RESIDENTIAL AND COMMERCIAL." AND ALL OTHER APPLICABLE APA STANDARDS
- ALL STRUCTURALLY REQUIRED WOOD SHEATHING SHALL BEAR THE
- WOOD WALL SHEATHING SHALL COMPLY WITH THE REQUIREMENTS OF LOCAL BUILDING CODES FOR THE APPROPRIATE STATE AS INDICATED ON THESE DRAWINGS. REFER TO WALL BRACING NOTES IN PLAN SET FOR MORE INFORMATION. EXTERIOR WALLS TO BE FULLY SHEATHED LISING 7/4" OSB OR PLYWOOD MINIMUM AT BRACED WALL PANELS PROVIDE BLOCKING AT ALL SHEET EDGES NOT FALLING ON STUDS OR PLATES, BLOCKING AT HORIZONTAL JOINTS SHALL NOT BE REQUIRED IN WALL SEGMENTS NOT COUNTED AS BRACED WALL
- 4 ROOF SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE 1 OR ROUP SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE 1 C 2. ROOF SHEATHING SHALL BE CONTINUOUS OVER TWO SUPPORTS MINIMUM AND ATTACHED TO ITS SUPPORTING ROOF FRAMING WITH 8d NAIL AT 6" O.C. AT PANEL EDGES AND AT 12" O.C. IN PANEL og viol. Al 8 OU. AI PANCE EDOES AND MI 12 U.O. IN PANCE FIELD DINESS OHERWISE NOTED ON THE PLANS. SHEATHING SHALL BE APPLIED WITH THE LONG DIRECTION PERFENDICULAR TO FRAMING. SHEATHING SHALL HAVE A SPAN RATING CONSISTEN WITH FRAMING. SHEATHING SHALL HAVE A SPAN RATING CONSISTEN WITH STEATH OF THE PLYMOD CULFS OF LUMBER BLOCKING UNIESS OTHERWISE NOTED. PANEL END JOINTS SHALL OCCUR OVER FRAMING. ROOF SHEATHING
- PANEL END JUNN'S SHALL DUCUN VUEN FROMING, ROOF SILEATING
 TO BE Y₆° OSB MINIMUM,
 WOOD FLOOR SHEATHING SHALL BE APA RATED SHEATHING
 EXPOSURE 1 OR 2. ATTACH SHEATHING TO ITS SUPPORTING
 FRAMING WITH (1) 100 MAIL AT 6° O.C. AT PANEL EDGES AND HE
 TO SHEATHING SHALL BE AS THE SHALL BE 12" O.C. IN PANÉL FIELD UNLESS OTHERWISE NOTED ON THE 12 O.C. IN PARTING SHALL BE APPLIED PERPENDICULAR TO FRAMING.
 SHEATHING SHALL HAVE A SPAN RATING CONSISTENT WITH THE
 FRAMING SPACING, PROVIDE SUITABLE EDGE SUPPORT BY USE OF T&G PLYWOOD OR LUMBER BLOCKING UNLESS OTHERWISE NOTED. PANEL END JOINTS SHALL OCCUR OVER FRAMING
- SHEATHING SHALL HAVE A &" CAP AT PANEL ENDS AND EDGES AS RECOMMENDED IN ACCORDANCE WITH THE APA.

STRUCTURAL FIBERBOARD PANELS:

- - STRUCTURAL FIBERBOARD SHEATHING SHALL ONLY BE USED WHERE SPECIFICALLY NOTED ON THE STRUCTURAL PLANS. FABRICATION AND PLACEMENT OF STRUCTURAL FIBERBOARD SHEATHING SHALL BE IN ACCORDANCE WITH THE APPLICABLE ALFA STANDARDS
- STARUARDS.

 FIBERBOARD WALL SHEATHING SHALL COMPLY WITH THE REQUIREMENTS OF LOCAL BUILDING CODES FOR THE APPROPRIATE STATE AS INDICATED ON THESE DRAWINGS. REFER TO WALL BRACING NOTES IN PLAN SET FOR MORE INFORMATION.
- SHEATHING SHALL HAVE A %" GAP AT PANEL ENDS AND EDGES AS RECOMMENDED IN ACCORDANCE WITH THE ALFA.

- STRUCTURAL STEEL:

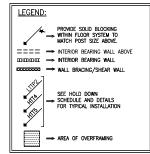
 1. STRUCTURAL SITEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND OF THE MANUAL OF STEEL CONSTRUCTION "LOAD RESISTANCE FACTOR DESIGN" LATEST EDITIONS
- ALL STEEL SHALL HAVE A MINIMUM YIELD STRESS (F.,) OF 50 KSI UNLESS OTHERWISE NOTED.
 WELDING SHALL CONFORM TO THE LATEST EDITION OF THE
- AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE AWA D1.1. ELECTRODES FOR SHOP AND FIELDING WELDING SHALL BE CLASS 570XX. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER PER THE ABOVE STANDARDS. ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A
- MINIMUM BEARING LENGTH OF 38" AND FULL FLANGE WIDTH UNLESS OTHERWISE NOTED. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR (2) 35" x 4" LAG SCREWS
- UNLESS OTHERWISE NOTED.
 INSTALL 2x WOOD PLATE ON TOP OF STEEL BEAMS, RIPPED TO MATCH BEAM WIDTH, FASTEN PLATE TO BEAM w/ HILTI X-DIN 52 P8 PINS AT 12" O.C. STAGGERED OR 1/2" DIAMETER BOLTS AT 24"

MECHANICAL FASTENERS

- ALL METAL HARDWARE AND FASTENERS TO BE SIMPSON STRONG—TIE OR APPROVED EQUIVALENT.

 ALL HARDWARE AND FASTENERS IN CONTACT WITH PRESERVATIVE ALL HARDWARE AND FASTENERS IN CONTACT WITH PRESERVATIVE PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED IN
- ACCORDANCE WITH ASTIM A 153, G-185.

 MANY OF THE NEW PRESSURE TREATED WOODS USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE TYPE OF WOOD TREATMENT AND SELECT APPROPRIATE CONNECTORS THAT WILL RESIST THE APPLICABLE CORROSIVE CHEMICALS.



BRICK VENEER LINTEL SCHEDULE		
SPAN LINTEL SIZE END BEARING		
UP TO 3'-0"	3½"×3½"×¼"	4"
UP TO 6'-3"	5"x3½"x516" L.L.V.	8"
UP TO 9'-6"		12"
LINTELS ARE NOT DESIGNED TO BE BOLTED TO HEADERS UNLESS SPECIFIED ON UNIT PLANS. SPANS OVER 4'-0" SHALL BE SHORED UP UNTIL CURED.		



IEERING KERTOWN, PA 18951 (215) 804-4449 Nein S

Ш Homes

Weekley I

David '

(D) Not 5 Mode #101 Structural tone .H. North , Lot lakest Serenity, B326 Bla σ. \succeq B326 115 M Raleigl

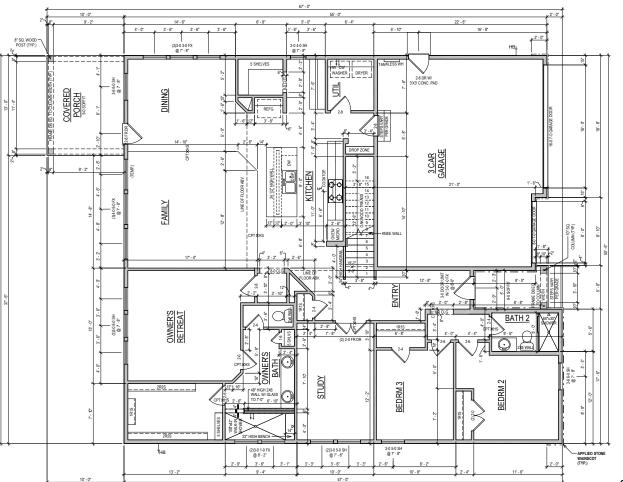
rolina

Car

igh,

General Project #: 047-22002 Designed By: LMR Checked By: Issue Date: 5/6/25

Scale: 1/8"=1'-0" @ 11v17 1/4"=1'-0" @ 22x34



FIRST FLOOR

71100

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

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

Week key Homes LP.
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David Weekley Homes

Lot: 1015 Block:

Proj. No.: 3277 Job No.: 1015

SERENITY 65' IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

Scale:1/8"=1'-0" Rev: 12/16/24 AM

BR/JP/MW Date: 03/09/2021

OPTION LIST

SHOWER @BATTA

SHOWER GOWER GOWER @BATTA

SHOWER GOWER G

GENERAL REQUIREMENTS

LOPED SURFACE REQUIREMENTS LL PATIOS TO SLOPE 1/4" PER FOO

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

ING REQUIREMENTS

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

HED GUARDRAILS REQUIRED AT DECKS, BALCONIES AND WALKWAYS THAT ARE 30° OR ATER ABOVE GRADE AND BE AT A MINIMUM OF 38° IN HEIGHT

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

PLAN SQFT		
VING		
T FLOOR	2155 SF	
ID FLOOR	476 SF	
OTAL LIVING	2631 SF	
.AB		
ST FLOOR	2155 SF	
OVERED PORCH	130 SF	
RONT PORCH	49 SF	
ARAGE	596 SF	
TAL SLAB	2930 SF	
RAMING		
T FLOOR	2155 SF	
ID FLOOR	427 SF	
OVERED PORCH	130 SF	
RONT PORCH	49 SF	
ADACE	E00 0E	



E3

[3

13' - 0" 3' - 6" (2)3-0 5-0 SH @ 7' - 2" 4'-6" BEDRM 4 5 SHELVES S WALL CO RETREAT ...i [63

SECOND FLOOR

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

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

David Weekley Homes BR/JP/MW Date: Lot: 1015 Block:

Week key Homes L.P. 2021

The measuments, dienenisch, and other specification show no his document are delicities construction only. The actual specifications of the finand structure vary. The actual specifications of the finand structure vary. The actual representation of the financial structure of what the completed standard structure of what the completed standard standard.

Scale:1/8"=1'-0" Rev: 12/16/24 AM

Proj. No.: 3277 Job No.: 1015

SERENITY 65'IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

NORTH B326-A PLN-2 BLAKESTONE RALEIGH



ENGINEERING
E, SUITE 201, QUAKERTOWN, PA 18951
com (215) 804-4449

KSE





48" WSP

□□□□□□□ ⇒ INTERIOR BEARING WALL BRACED WALL PANEL
(SEE KSE STRUCTURAL DETAILS
SET FOR BRACED WALL PANEL
SHEATHING FASTENING & BLOCKING DETAILS)

→ CONTROL JOINT

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

KEYNOTES:

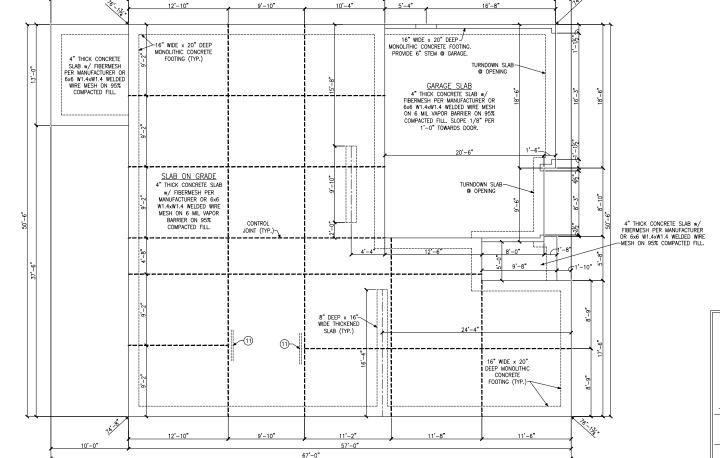
(1) (2)#4 x 4'-0" LONG BARS AT 3" O.C., CENTERED IN SLAB, TYP. WHERE SHOWN



Monolithic Slab Foundation P Ferenity, Lot #1015 B326 Blakestone Model 115 M.P.H. Raleigh, North Carolina Project #: 047-22002 Designed By: LMR
Checked By:
Issue Date: 5/6/25
Re-Issue:

Plan

Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

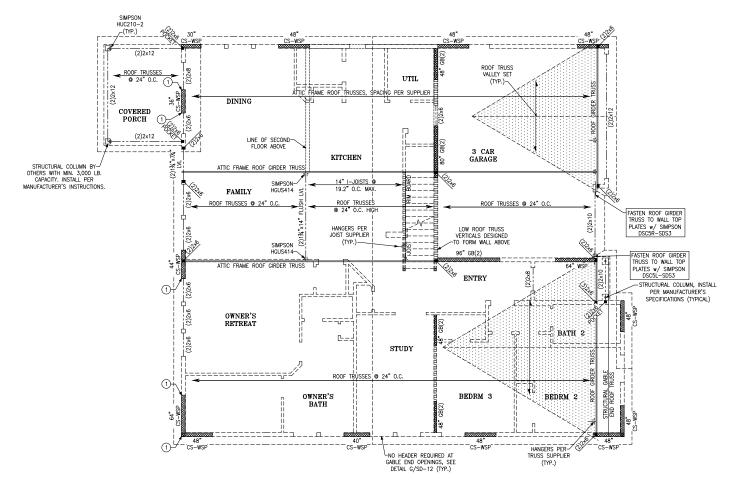


22'-0"

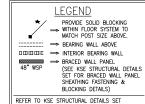
33'-0"

MONOLITHIC SLAB FOUNDATION PLAN





ROOF FRAMING PLAN



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.

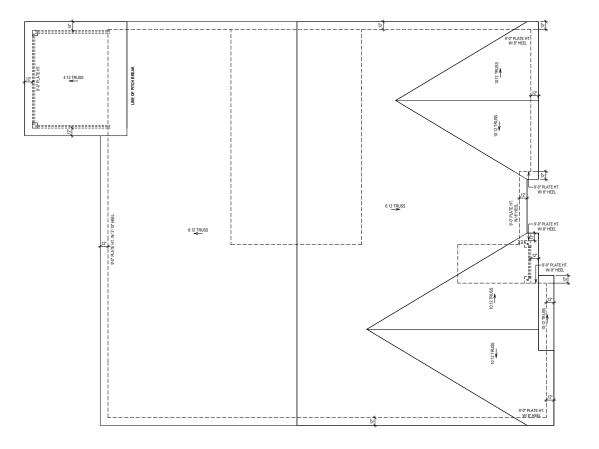
 AT RAISED FLOOR BELOW, CONNECT STUD AT END OF BRACED WALL PANEL TO FRAMING BELOW WITH A 30" LONG SIMPSON CS20 COIL STRAP WITH MIN 8-10d NAILS FACH END. AT SLAB FOUNDATION BELOW, CONNECT STUD TO FOUNDATION w/ SIMPSON DTT1Z w/ SIMPSON 36"x6" TITEN HD SCREW ANCHOR AND 31/2" MINIMUM EMBEDMENT.

Roof Framing Plan Serenity, Lot #1015 B326 Blakestone Model 115 M.P.H. Project #: 047-22002

Carolina

Raleigh, North





ROOF PLAN "A"

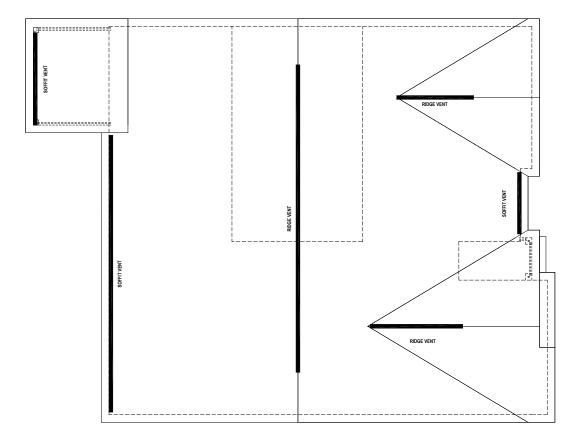
Proj. No.: 3277 Job No.: 1015

NORTH B326-A RFP-1 BLAKESTONE RALEIGH

SERENITY 65'IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

Lot: 1015

© We The measurements, shown on this docur only. The actual spe	of what the complete	
David Weekley Homes	Scale:1/8"=1'-0"	Rev: 12/16/24 AM
David Wee	BR/JP/MW	Date: 03/09/2021



ROOF PLAN "A" - CALCS

ROOF VENT CALCULATION: ATTIC SPACE: 2930 SQ.FT. REQUIRED VENTILATION: 1406 SQ.IN. REQ.

SOFFIT VENT PROVIDED: 58 LINEAL FEET RIDGE VENT PROVIDED: 62 LINEAL FEET AIR HAWK VENT PROVIDED: 0 UNITS

PROVIDED VENTILATION: 1406 SQ.IN.

50-80% IN UPPER PORTION: 79%

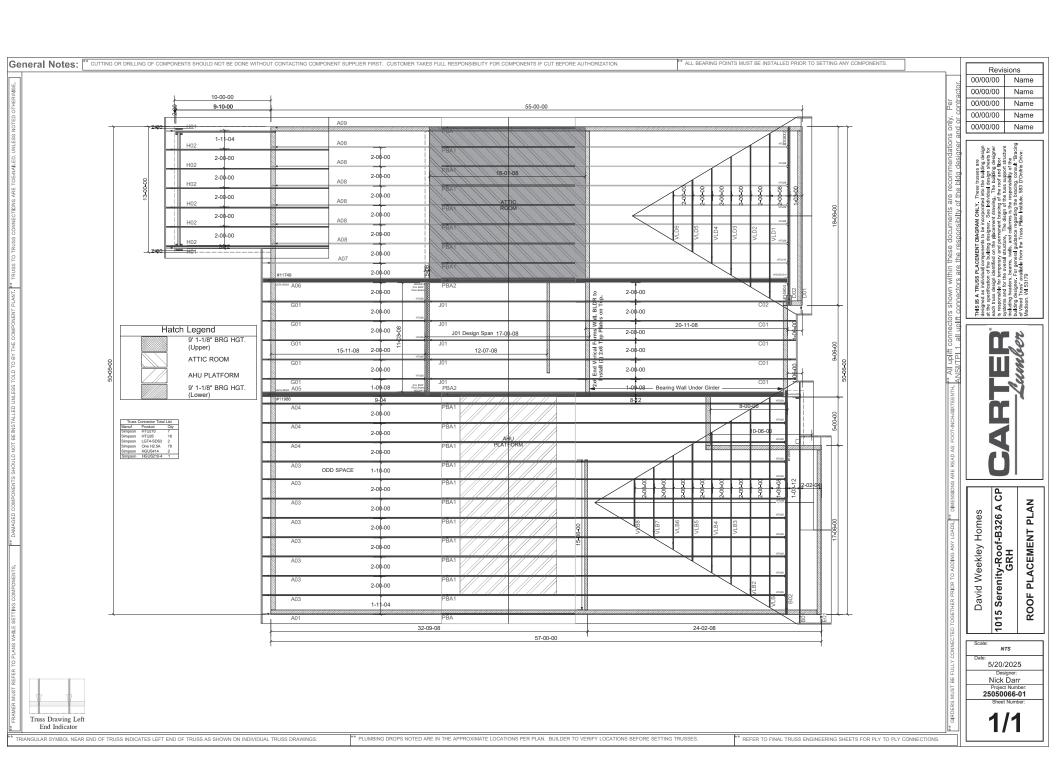
Week ley Homes L.P. 2021
The measurement, dimension, and not re specifications show no nite document are guidelines for construction use show no nite document of specifications of the finished seuccine may vary. This document may not be reliefed on as represented for of what the completed structure will look like.

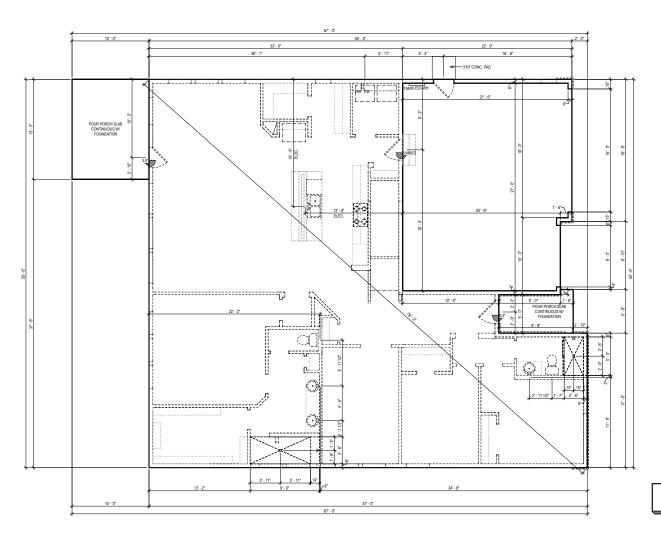
David Weekley Homes
BRUJPIMW Scale:1/8"=1-0"
Date: Rev. 12/16/24 AM

Proj. No.: Lot. 1015 3277 Block: Job No.: Block:

SERENITY 65' IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

NORTH B326-A RFP-2 BLAKESTONE RALEIGH





SEE ENGINEERING FOR ANCHOR BOLT REQUIREMENTS

FIRST FLOOR

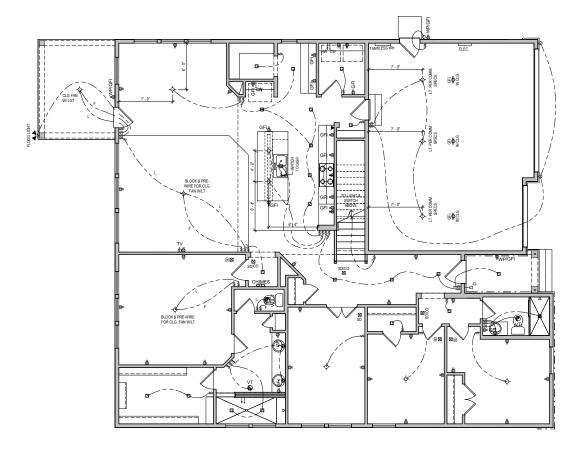
Weekkey Homes L.P. 2021
The measurement dimension, not one geodisation shown on this document are guideless for construction use only. The explanation for this individual configuration of the finished resource may very. This document may not be triefled on a representation of what the completed studies will look like.

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3277 Lot: 1015 3277 Block: 10b No.: Block:

SERENITY 65' IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

NORTH
B326-A
FS-1
BLAKESTONE
RALEIGH



FIRST FLOOR

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Scale:1/8"=1'-0" Rev: 12/16/24 AM

> BR/JP/MW Date: 03/09/2021

Proj. No.: 3277 Job No.: 1015

SERENITY 65'IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED

BLE ROOMS UNST BE FAN D UTILITY LEGEND 109 UNLET GR. GROAD FALT INTERREPTOR (GROAD FALT INTERREPTO

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

	3	(3 OR 4 WAY AS NOTED)
		SURFACE MOUNTED LIGHT
	÷,	SURFACE MOUNTED LED DISC LIGHT
	Q	WALL MOUNTED
	п	RECESS CAN LIGHT (EYEBALL AS NOTED)
1	VT ■	EXHAUST VENT
	SD M	SMOKE DETECTOR (CARBON MONOXIDE AS NOTED) DOOR BELL
	CHAMES ELEC HB†	DOOR BELL CHIMES PANELBOARD W/ CIRCUIT BREAKERS HOSE BIB
	GAS	GAS TAP
	CW HW	COLD/HOT WATER SUPPLY
	F	ELEVATOR CALL BUTTON
-		

MID-ATLANTIC General Notes

ALL ELECTRICAL PLUGS TO BE 9" TO TOP FROM FLOOR IN ROOMS WITH WALL MOULDINGS.

2. SWITCH FOR ATTIC LIGHT TO BE LOCATED OUTSIDE OF ATTIC SPACE, 12 INCHES FROM CEILING.

 DO NOT RUN WIRES ON TOP OF JOISTS IN AREAS LIKELY TO HAVE DECKING IN ATTIC. (near disappearing stairs)

71 TO. (Icul disappearing dates)

AND WIRING.

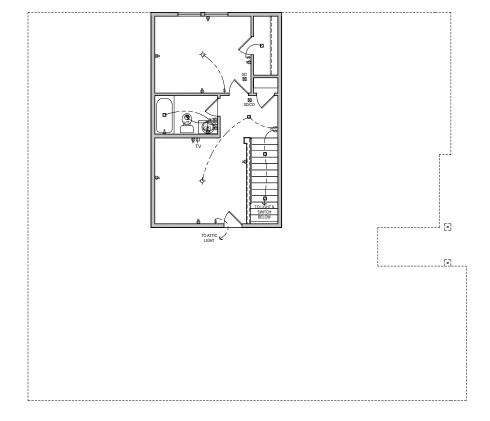
5. PROVIDE GAS AT APPLIANCES PER COMMUNITY REQUIREME

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.



E3

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SECOND FLOOR

Weekley Homes L.P. 2021
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Scale:1/8"=1'-0" Rev: 12/16/24 AM

BR/JP/MW Date:

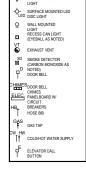
Proj. No.: 3277 Job No.: 1015

SERENITY 65' IM 1219 SERENITY WALK PARKWAY FUQUAY VARINA, NC

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED



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



MID-ATLANTIC General Notes

ALL ELECTRICAL PLUGS TO BE 9" TO TOP FROM FLOOR IN ROOMS WITH WALL MOULDINGS.

2. SWITCH FOR ATTIC LIGHT TO BE LOCATED OUTSIDE OF ATTIC SPACE, 12 INCHES FROM CEILING.

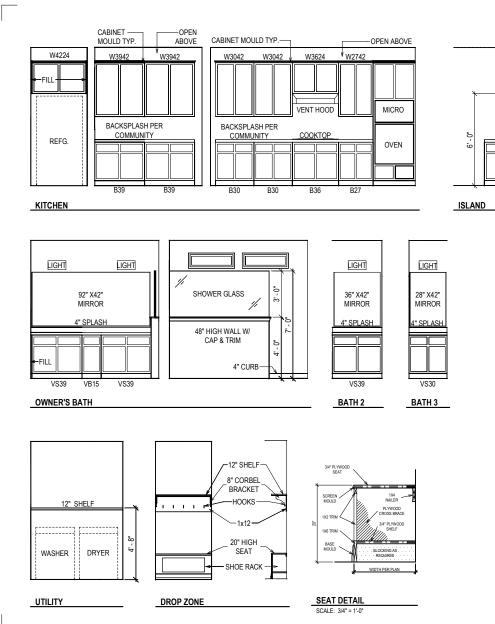
3. DO NOT RUN WIRES ON TOP OF JOISTS IN AREAS LIKELY TO HAVE DECKING IN ATTIC. (near disappearing stairs)

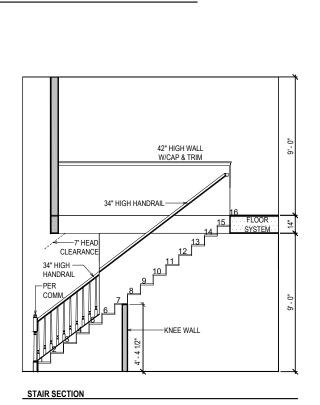
 PROVIDE SMOKE DETECTORS IN EVERY BEDROOM. SEE SPECS FOR REQUIRED TYPE AND WIRING.

5. PROVIDE GAS AT APPLIANCES PER COMMUNITY REQUIREME

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.

NORTH
B326-A
ELE-2
BLAKESTONE
RALEIGH





OPEN TO HALLWAY

34 1/2" HIGH WALL

END

PANEL

12"

4' - 0"

OPEN TO HALLWAY

34 1/2" HIGH WALL

DW



Dav		BR/JP/MV	141
1015 Lot: 1015		Block:	Soot.
Proj. No.:	1170	Job No.:	1015
SERENITY 65' IM	1219 SERENITY WALK PARKWAY	FUQUAY VARINA, NC	

NORTH

B326-A INT-1

BLAKESTONE

RALEIGH

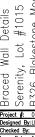








Carolina

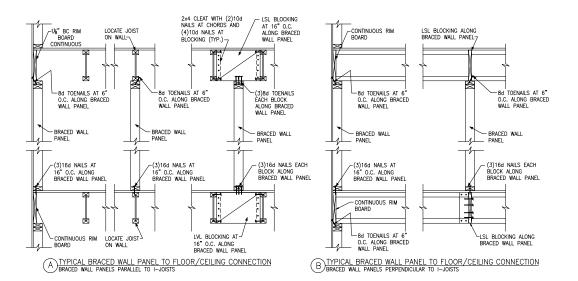


Raleigh, North Project #: 047-22002

Designed By: LMR
Checked By:
Issue Date: 5/6/25

Re-Issue:

Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

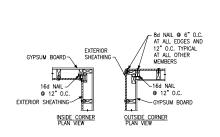


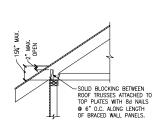
1/2" (MIN) GYPSUM WALLBOARD. FASTEN TO WALL ALL SUPPORTS (STUDS, PLATES, BLOCKING) WITH 1.25" TYPE W SCREWS AT 7" O.C.

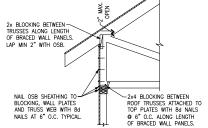
(OR 5d COOLER NAILS AT 7" O.C.) 2x6 FULL HEIGHT STUD AT WALL INTERSECTION -(2x8 STUD AT BRACED INTERSECTING 2x6 WALL) 3-STUD WALL INTERSECTION "T" PLATE WALL INTERSECTION BRACED WALL INTERSECTIONS MAY

BE FRAMED USING EITHER THE 3-STUD OR THE T-PLATE METHOD.

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







HEEL HEIGHT GREATER THAN 914" AND LESS THAN 1514"

HEEL HEIGHT GREATER 15"

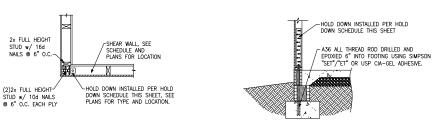
DTYPICAL EXTERIOR CORNER WALL FRAMING

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.

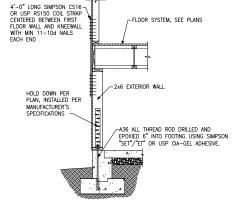
E ROOF TRUSS BEARING/BLOCKING AT BRACED WALL PANELS ONLY REQUIRED AT BRACED WALL PANELS



Re-Issue: Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34



(C)HOLD DOWN AT STEMWALL SLAB



G HOLD DOWN AT FOUNDATION

B TYPICAL HOLD DOWN DETAIL

SHEAR WALL, SEE SCHEDULE AND PLANS FOR LOCATION

HOLD DOWN INSTALLED PER — HOLD DOWN SCHEDULE THIS SHEET, SEE PLANS FOR TYPE AND LOCATION.

A36 ALL THREAD ROD-

SIMPSON CNW1/2 OR USP CNW12-ZAP COUPLER NUT

GROUT CMU SOLID AT ALL THREAD ROD-

(2) 2x FULL HEIGHT

STUD w/ 10d NAILS

@ 6" O.C. EACH PLY

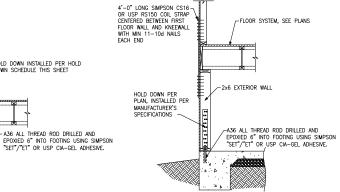
2x FULL HEIGHT STUDS

A TYPICAL HOLD DOWN DETAIL

E HOLD DOWN AT CRAWL FOUNDATION

w/ 16d NAILS @ 6" O.C.

-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET



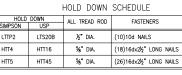
F HOLD DOWN AT FOUNDATION MONOLITHIC TURN-DOWN





(D)HOLD DOWN AT MONOLITHIC SLAB

FOOTING USING SIMPSON ISP CIA-GEL ADHESIVE.		



-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET

- A36 ALL THREAD ROD DRILLED AND EPOXIED 6" INTO FOOTING USING SIMPSON "SET"/"ET" OR USP CIA-GEL ADHESIVE.

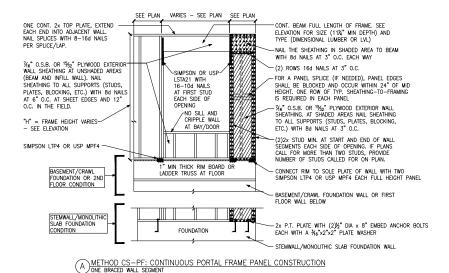
Carolina

North

Raleigh,

Details

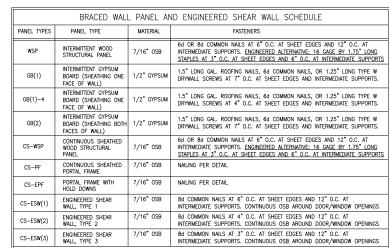
Wall



ONE CONT. 2x TOP PLATE, EXTEND	SEE PLAN VARIES - SEE PLAN SEE PLAN CONT. BEAM FULL LENGTH OF FRAME. SEE
EACH END INTO ADJACENT WALL, NAIL	ELEVATION FOR SIZE (11¼" MIN DEPTH) AND
SPLICES 8-16d NAILS PER SPLICE/LAP.	TYPE (DIMENSIONAL LUMBER OR LVL) NAIL THE SHEATHING IN SHADED AREA TO
	BEAM WITH 8d NAILS AT 3" O.C. EACH WAY
7/6" O.S.B. OR 15/2" PLYWOOD EXTERIOR WALL SHEATHING AT UNSHADED AREAS	SIMPSON OR USP (2) ROWS 16d NAILS AT 3" O.C.
(BEAM AND INFILL WALL). NAIL SHEATHING TO ALL SUPPORTS (STUDS,	FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES
PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. IN THE FIELD.	AT FIRST STUD HEIGHT. ONE ROW OF TYP. SHEATHING—TO—FRAMING IS REQUIRED IN EACH PANEL
"H" = FRAME HEIGHT VARIES	OPENING -//6" O.S.B. OR 15/2" PLYWOOD EXTERIOR WALL SHEATHING. AT SHADED AREAS NAIL SHEATHING
- SEE ELEVATION	CRIPPLE WALL TO ALL SUPPORTS (STUDS, PLATES, BLOCKING,
WHERE FULL HEIGHT PANEL WIDTH EXCEEDS 16", PROVIDE ADDITIONAL STUDS	ETC.) WITH 8d NAILS AT 3" O.C.
AT 16" O.C. NAIL SHEATHING TO ALL STUDS WITH 8d NAILS AT 3" O.C.	(2)2x STUD MIN. AT START AND END OF WALL SEGMENTS EACH SIDE OF OPENING. IF PLANS
STODS WITH 86 NAILS AT 3 O.C.	CALL FOR MORE THAN TWO STUDS, PROVIDE NUMBER OF STUDS CALLED FOR ON PLAN.
BASEMENT/CRAWL	1" MIN THICK RIM BOARD OR LADDER TRUSS AT FLOOR CONNECT RIM TO SOLE PLATE OF WALL WITH TWO
FOUNDATION OR 2ND FLOOR CONDITION	SIMPSON LTP4 OR USP MPF4 EACH FULL HEIGHT PANEL
L ·	BASEMENT/CRAWL FOUNDATION WALL OR FIRST FLOOR WALL BELOW
STEMWALL/MONOLITHIC	
SLAB FOUNDATION CONDITION	2x P.T. PLATE WITH (2)½" DIA x 8" EMBED ANCHOR BOLTS EACH WITH A ¾6"x2"x2" PLATE WASHER
L	STEMWALL/MONOLITHIC SLAB FOUNDATION WALL

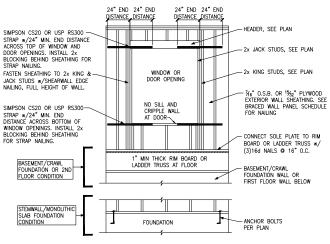
(B) METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION TWO BRACED WALL SEGMENTS

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



BRACED WALL PANEL NOTES:

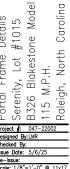
- ALL BRACED WALL PANELS SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES, EXCEPT INTERMITTENT GYPSUM BOARD PANEL TYPES INSTALLED HORIZONTALLY.
- PROVIDE NAILING/BLOCKING ABOVE AND BELOW ALL BRACED WALL PANELS PER KSE BRACED WALL DETAILS.
- Sheath all exterior walls of the house with $\%_6$ " o.s.b., or $^{19}\!\!\!/_{32}$ " 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 PANELS AND ENGINEERED SHEAR WALLS ARE PROVIDED PER IRC. PANEL LENGTHS SHOWN ON PLANS ARE THE MINIMUM



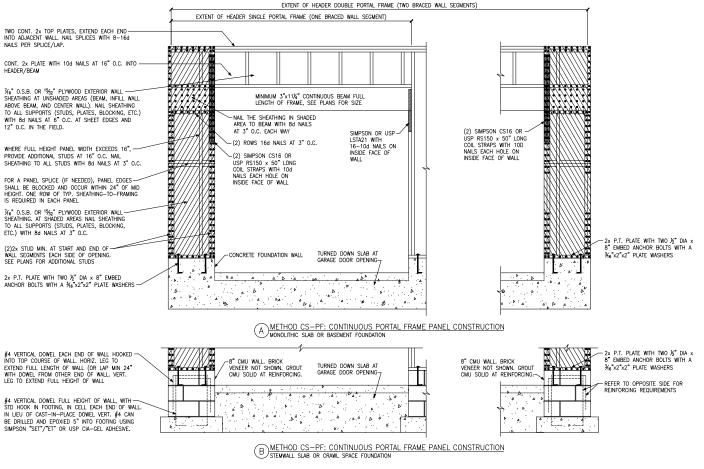












TWO CONT. 2x TOP PLATES, EXTEND EACH END INTO ADJACENT WALL. NAIL SPLICES WITH 8-16d

WITH 8d NAILS AT 6" O.C. AT SHEET EDGES AND

WHERE FULL HEIGHT PANEL WIDTH EXCEEDS 16",

PROVIDE ADDITIONAL STUDS AT 16" O.C. NAIL

%6" O.S.B. OR 15%2" PLYWOOD EXTERIOR WALL-SHEATHING, AT SHADED AREAS NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 3" O.C.

(2)2x STUD MIN. AT START AND END OF-

WALL SEGMENTS EACH SIDE OF OPENING. SEE PLANS FOR ADDITIONAL STUDS

2x P.T. PLATE WITH TWO 1/2" DIA x 8" EMBED

#4 VERTICAL DOWEL FULL HEIGHT OF WALL, WITH-

SIMPSON "SET"/"ET" OR USP CIA-GEL ADHESIVE.

(2)2x STUD MIN. AT START AND END OF

SEE PLANS FOR ADDITIONAL STUDS

MANUFACTURER'S SPECS.

WALL SEGMENTS EACH SIDE OF OPENING.

SIMPSON STHD14 OR USP STAD14 STRAP-TIE HOLD -

DOWN WITH (30)16d SINKERS AT STUDS. INSTALL PER

NAILS PER SPLICE/LAP

12" O.C. IN THE FIELD.

IS REQUIRED IN EACH PANEL

DOUBLE 2x P.T. PLATE WITH ONE %" SIMPSON LTT20B-OR USP LTS20B DIA x 8" EMBED ANCHOR BOLT WITH A %6"x2"x2" PLATE WASHER HOLD DOWN CONCRETE FOUNDATION WALL TURNED DOWN SLAB AT GARAGE DOOR OPENING -CONTINUOUS #4 HIGH AND LOW PROVIDE MIN 24" LAPS WHERE SPLICED.

© METHOD CS-EPF: ENGINEERED PORTAL FRAME WITH HOLD-DOWNS

DOLIRIE 2x P.T. PLATE WITH ONE 56"

DIA x 8" EMBED ANCHOR BOLT WITH

SIMPSON STHD14 OR USP STAD14 STRAP-TIE HOLD DOWN WITH (30)16d SINKERS AT STUDS. INSTALL PER MANUFACTURER'S SPECS.

A 3/6"x2"x2" PLATE WASHER



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KSE

(2)2x6 TOP PLATE

HEADER, SEE PLAN

-7/16" O.S.B. EXTERIOR WALL SHEATHING. SEE BRACED WALL PANEL SCHEDULE FOR NAILING

- 2x6 @ 12" O.C. BALLOON FRAMED WALL, SEE PLANS

2x6 JACK STUD, SEE PLAN FOR QUANTITY - 2x6 KING STUD, SEE PLAN FOR QUANTITY

2x6 SOLE PLATE



Raleigh, North Carolina

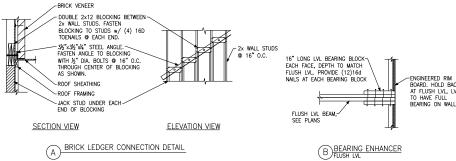
Project #: 047-22002

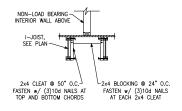
Designed By: LMR

Checked By:

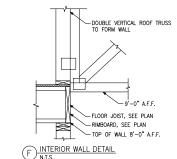
Issue Date: 5/6/25 Re-Issue:

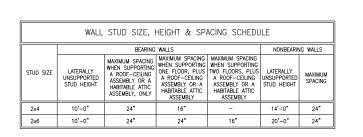
Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34





C I-JOIST LADDER BLOCKING
AS REQUIRED @ PARALLEL WALLS





WINDOW

WINDOW OPENING

WINDOW

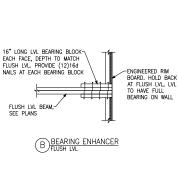
WINDOW OPENING

DBALLOON FRAMED WALL DETAIL N.T.S.

WINDOW

WINDOW OPENING





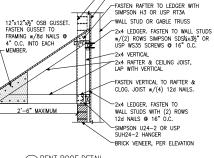
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Miscellaneous Framing C Serenity, Lot #1015 B326 Blakestone Model 115 M.P.H.

Detail



LINE OF OPTIONAL BRICK

-WALL SHEATHING

B PENT ROOF DETAIL
STRAIGHT ROOF

LINE OF OPTIONAL BRICK

FASTEN RAFTER TO LEDGER WITH SIMPSON H3 OR USP RT3A

-2x4 LEDGER. FASTEN TO WALL STUDS

w/(2) ROWS SIMPSON SDS4x3½" OR USP WS35 SCREWS @ 16" O.C.

FASTEN VERTICAL TO RAFTER &

CLOG. JOIST w/(4) 12d NAILS.

WALL STUDS WITH (2) ROWS 12d NAILS @ 16" O.C.

-SIMPSON U24-2 OR USP SUH24-2 HANGER -BRICK VENEER, PER ELEVATION

-2x4 LEDGER. FASTEN TO

2x12 RAFTER WITH

CURVED PROFILE CUT INTO RAFTER-

8d NAILS AT 6" O.C. -

END TRUSS 2x4 BLOCKING BETWEEN RAFTERS.

2x4 FRAMING AT 24" O.C. -CANTILEVERED OVER GABLE

2x6 KICKER AT 6'-0" O.C., WITH-

2x6 "T" SCAB. NAIL SCAB TO

KICKER WITH 10d NAILS AT 6"
O.C. KICKER MAY BE OMITTED
WHEN HEIGHT OF GABLE END
TRUSS IS 4'-0" OR LESS.

%6" OSB AT GABLE END TRUSS, PER SHEAR WALL

EDGE NAILING PER SHEAR — WALL SCHEDULE PER SHEAR

WALL ABOVE (6" O.C. AT NON-SHEAR WALLS)

%6" OSB WALL SHEATHING

OSB GUSSET, CUT TO-MATCH ROOF PROFILE

FASTEN GUSSET TO

FRAMING w/8d NAILS @ 4"

O.C. INTO EACH MEMBER.

2x4 VERTICAL

X SECTION CURVED ROOF

(E) GABLE END WALL DETAIL

2x4 LEDGER. FASTEN TO

2x4 BLOCKING BETWEEN TRUSSES WITH SIMPSON U24 OR USP JL24 EACH END

(2) SIMPSON GB OR USP

HC520 EACH KICKER

-SIMPSON LTP4 EVERY

WALL STUDS w/(2) ROWS SIMPSON SDS¼x3½" OR USP WS35 SCREWS ⊕ 16" O.C.

AT 4" O.C.

(5) 10d

ROOF TRUSSES AT 24" O.C.

SIMPSON A35 OR USP MPA1 SPACED PER SHEAR WALL BELOW ENTIRE GABLE END

WALL STUD OR GABLE TRUSS

-WALL SHEATHING

-2x4 VERTICAL

A PENT ROOF DETAIL CURVED ROOF

SLOPING L3½"x3½"x44" BRICK ANGLE WITH HORIZ. PL3x3x½ PLATES AT 24" O.C. (MIN TWO PER ANGLE. NAIL TO GIRDER

TRUSS WITH 16d NAILS AT 9" O.C. THROUGH PRE-DRILLED

TYP KV

ROOF GIRDER TRUSS TO

SUPPORT DEAD LOAD OF BRICK, SEE PLAN

D TRUSS DETAIL

-HOLES.

-2x4 CEILING JOIST, LAP WITH VERTICAL

OSB GUSSET, CUT TO MATCH ROOF PROFILE FASTEN GUSSET TO

FRAMING w/8d NAILS @ 4"

O.C. INTO EACH MEMBER.

2'-6" MAXIMUM

2x12 RAFTER WITH CURVED PROFILE

CUT INTO RAFTER

BRICK VENEER

2x WALL STUDS,

-2×4 LEDGER. FASTEN TO WALL STUDS w/(2) ROWS SIMPSON SDS1/4x31/2" SCREWS @ 16" O.C. -2x4 RAFTER & CEILING JOIST, LAP AND FACE NAIL WITH (4) 12d NAILS -2x4 LEDGER. FASTEN TO WALL OR GABLE TRUSS WITH (2) ROWS 12d NAILS @ 16" O.C.

-WALL STUD OR GABLE TRUSS

TOENAIL RAFTER TO LEDGER

WITH (4) 12d NAILS

C EYEBROW ROOF DETAIL
STRAIGHT ROOF



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S

2x STUD WALL w/ P.T. PLATE, SEE PLAN.

FINSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C.,

SEE FOUNDATION NOTES.

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL OR GROUP 1

CLASSIFIED SOIL

COMPACTED FILL

-MONOLITHIC CONCRETE

FOOTING w/ 4" LEDGE BRICK VENEER, SEE

VENEER TIES SHALL BE SPACED NOT MORE THAN 24" O.C. HORIZONTALLY

AND VERTICALLY AND SHALL SUPPORT NOT

FEET OF WALL AREA

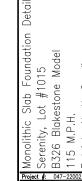
CONCRETE SLAB, SEE PLAN

EXTERIOR

12" MINIMUM BELOW GRADE

GRADE

MORE THAN 2 SQUARE



Details

Re-Issue: Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

Checked By: Issue Date: 5/6/25

Designed By: LMR

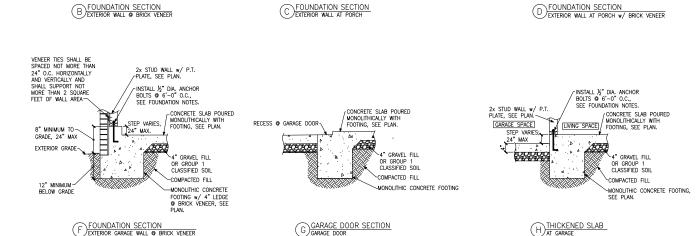
Project #: 047-22002

North Raleigh,

Carolina







FINSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C., SEE FOUNDATION NOTES.

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL OR GROUP 1

CLASSIFIED SOIL

COMPACTED FILL

MONOLITHIC CONCRETE FOOTING, SEE PLAN.

2x STUD WALL w/ — P.T. PLATE, SEE PLAN.

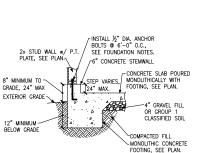
20 B

CONCRETE SLAB, SEE PLAN

EXTERIOR

12" MINIMUM BELOW GRADE

GRADE



A FOUNDATION SECTION EXTERIOR WALL

rinstall ½" dia. Anchor Bolts @ 6'-0" o.c.,

SEE FOUNDATION NOTES.

CONCRETE SLAB POURED MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL OR GROUP 1

CLASSIFIED SOIL

COMPACTED FILL

-MONOLITHIC CONCRETE

FOOTING, SEE PLAN.

2x STUD WALL w/ — P.T. PLATE, SEE PLAN.

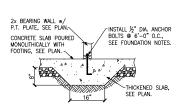
8" MINIMUM TO

GRADE, 24" MAX-

12" MINIMUM~ BELOW GRADE

EXTERIOR GRADE \

E FOUNDATION SECTION EXTERIOR GARAGE WALL



THICKENED SLAB SECTION (J)INTERIOR BEARING WALL

ISOLATED PAD FOOTING

VENEER TIES SHALL BE SPACED NOT MORE THAN

24" O.C. HORIZONTALLY AND VERTICALLY AND

SHALL SUPPORT NOT MORE THAN 2 SQUARE

FEET OF WALL AREA

8" MINIMUM TO

GRADE, 24" MAX

EXTERIOR GRADE-

12" MINIMUM ~ BELOW GRADE

2x STUD WALL w/ P.T. PLATE, SEE PLAN.

rINSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C.,

SEE FOUNDATION NOTES.

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL OR GROUP 1

CLASSIFIED SOIL

COMPACTED FILL

MONOLITHIC CONCRETE FOOTING w/ 4" LEDGE ® BRICK VENEER, SEE

POST ABOVE, SEE PLAN

ISOLATED PAD FOOTING,

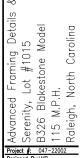
SEE PLAN FOR SIZE

CONCRETE SLAB, SEE PLAN

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S





Notes

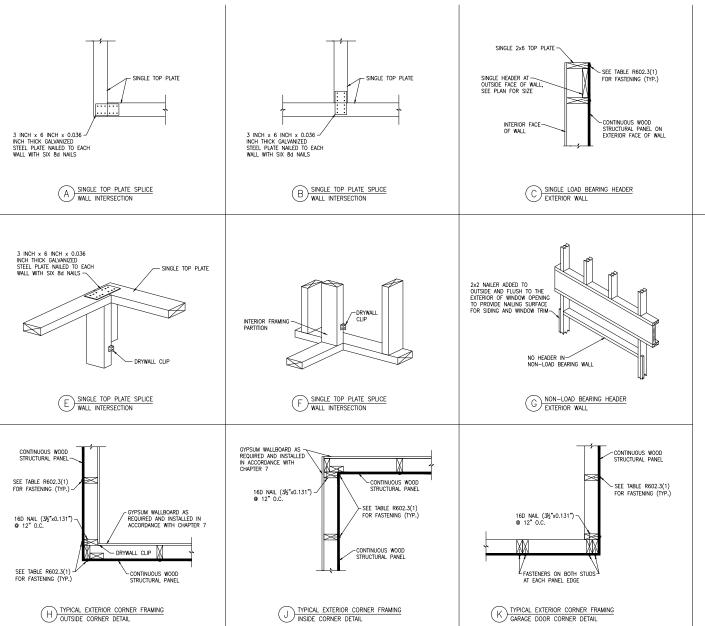
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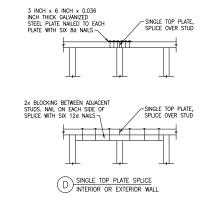


Issue Date: 5/6/25 Re-Issue:

Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34







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.

