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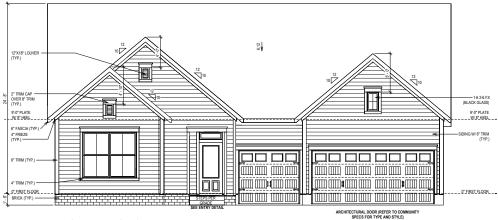
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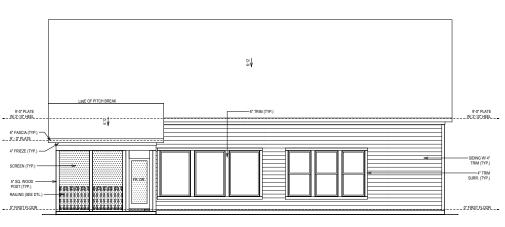
SDONG (17P)

OF FIRST FLOOR

ENTRY DETAIL

FRONT ELEVATION "C"





REAR ELEVATION "C"

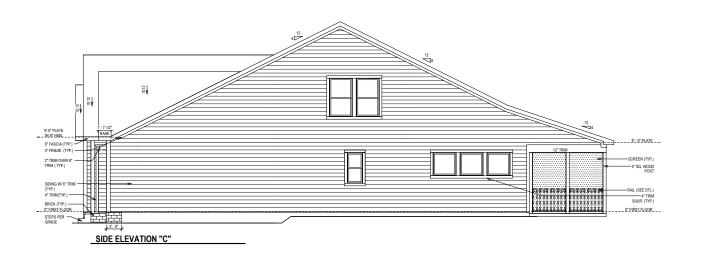
Weeklay Homes LP. 2021
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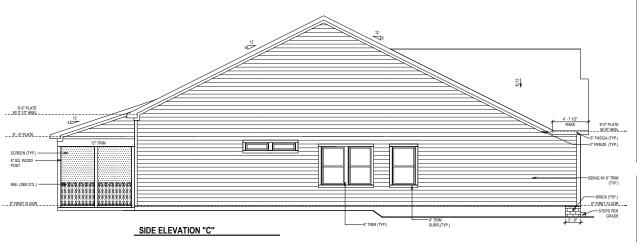
 David Weekley Homes
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KWAY 3277 Lot. 927 David Wed 100 No. Block: PTIPPIAS.JL Date: 111/3/2024

SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

B326-C ELV-1 BLAKESTONE RALEIGH







Block: PTIPPIASUL Scale: 118"=1"-0"		sklev Home	•	Scale:1/8"=1'-0"	Pov. 8/8/2025 FB
927		David Wee			
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SERENITY 65' SEL	Proj. No
12 SERENITY WALK PARKWAY	3277
FUQUAY VARINA, NC	Job No.:
	0927

1233
NORTH B326-C
ELV-2
BLAKESTONE

RALEIGH

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

B326 BLAKESTONE SERENITY, LOT #927

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 RECORDING LENGINEER 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 BE ACCURATE, PROVIDING LICENSED 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 TO FOR ANY PLAN DRAFORS, OMISSIONS, OR MISHITERPRETATIONS UNDETECTED AND NOT REPORTED TO THE ENGINEER PROOF 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

*LVL: E=2,000,000 PSI, F₈=2,600 PSI, F₈=285 PSI, F₆=750 PSI

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

ENGINEERING F. SUITE 201, QUAKERTOWN, PA 18951

David Weekley Homes

Cover Sheet
Serenity, Lot #927
B326 Blakestone Model
115 M.P.H.
Raleigh, North Carolina

Project #: 047-22002 Designed By: JPS Checked By:

Issue Date: 9/10/25 1/4"=1'-0" @ 22x34



- 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 DUCKMENTS WITHOUT WRITEN 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.
- IODS, 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 COMPORANT OF THE 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 DEVIATION

OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVIATION 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 DRAWINGS SHALL BE COMPLETED UNDER THE DIRECTION OF A LICENSED PROFESSIONAL INSINIER. THESE SHOP DRAWINGS SHALL BE SUBMITTED TO KSE ENDINEERING FOR REVIEW BEFORE ANY CONSTRUCTION BEGINS. THE SHOP DRAWINGS WILL BE REVIEWED FOR OVERALL COMPLIANCE AS IT RELATES TO THE STRUCTURAL DESIGN OF THIS FROMEOUT. VERIFICATION OF THE SHOP DRAWINGS FOR DIMENSIONS, OR FOR ACTUAL FIELD CONDITIONS, IS NOT THE RESPONSIBILITY OF THE SER OR KSE ENDINEERING, 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 FINDINGETHING, P.C. BEFORE CONSTRUCTION FROM S. THE CONSTRUCTION DRAWINGS SHALL BE COMPLETED UNDER THE
- TO KSE ENGINEERING, P.C. BEFORE CONSTRUCTION BEGINS.
 THE SER IS NOT RESPONSIBLE FOR ANY SECONDARY STRUCTURE
 LELMENTS OR NON-STRUCTURAL ELEMENTS, EXCEPT FOR THE
 ELEMENTS SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS.
- ELEMENTS SPECIFICALET NOTICE ON THE STRUCTURE DRAWNINGS.
 THIS STRUCTURE AND ALL CONSTRUCTION SHALL CONFORM TO ALL
 APPLICABLE SECTIONS OF THE BUILDING CODE AND ANY LOCAL
 CODES OR RESTRICTIONS.
 DO NOT SCALE DRAWNINGS. 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, 3" 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 SLIBGRADE CONTAINING
- WATER, ICE, FROST, OR LOOSE MATERIAL.
 PROVIDE FOUNDATION WATERPROOFING 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.
- WITHIN 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

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 SLABS-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 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. DEFALLING, 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

SPACED NOT MORE HAN 4 FEET ON CENTER, NO ROCKS, CMD, 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 SOLID MASONRY PIERS SHALL NOT SECRECE TOTA THISE 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 HERWISE 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. 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 SCREWS 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., STAGGERED, 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 PLUMBI 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

- 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 RAFTÉR OR GABLE END FRAMING
- FASTEN RAFTER AND CEILING JOIST WITH (6) 12d NAILS UNLESS OTHERWISE NOTED.
- 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 BRACING 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 DRAWING ALL PERMANENT TRUSS BRACING SHOWN IN THE STRUCTURAL DRAWINGS AND IN THE TRUSS DESIGNS. ALL CONTINUOUS LATERAL BRACING OF WEBS REQUIRES BRACES, REFET TO BCI SUMMARY SHEET BY FOR TYPES OF DIAGONAL BRACES TO PROVIDE AT EACH CONTINUOUS LATERAL BRACE LINE. SUCH BRAUGE TO PROVIDE SHALL NOT BE SPACED MORE THAN 20 FEET O.C. DIGONAL BRACES SHALL NOT BE SPACED MORE THAN 20 FEET O.C. DIGONAL BRACES SHALL BE FASTEN. WHERE CONTINUOUS LATERAL BRACING CANNOT BE INSTALLED, DIE TO A MINIMUM OF THREE ADJACENT TRUSSES NOT BEING IDENTICAL, HE CONTRICTOR SHALL BRACING CANNOT BE INSTALLED, DIE TO A MINIMUM OF THREE ADJACENT TRUSSES NOT BEING IDENTICAL, HE 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 WEBS 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 76" 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 EXPOSLIRE 1 OR ROUP SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE I T 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 IVAIL AT 8 OV. AT PARKEL EDGES AND AT 12 OV. IN PARKEL FIELD UNLESS OTHERWISE NOTED ON THE PLANS, SHEATHING SHALL BE APPLIED WITH THE LONG DIRECTION PERPENDICULAR TO FRAMING SHEATHING SHALL HAVE A SPAN RATING CONSISTENT WITH THE FRAMING SPACING, PROVIDE SUITABLE EDGE SUPPORT BY USE OF PLYWOOD CLIPS OR LUMBER BLOCKING LINLESS OTHERWISE NOTED PANEL END JOINTS SHALL OCCUR OVER FRAMING. ROOF SHEATHING TO BE $\%_6$ " OSB MINIMUM.

 WOOD FLOOR SHEATHING SHALL BE APA RATED SHEATHING
- WOUD FLOOR SHEATHING SHALL BE APA RAILD SHEATHING EXPOSURE 1 OR 2. ATTACH SHEATHING TO ITS SUPPORTING FRAMING WITH (1) 10d NAIL AT 6" O.C. AT PANEL EDGES AND AT 12" O.C. IN PANEL 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 %" GAP 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 AIWA 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

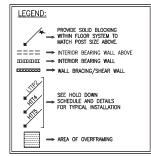
ALL METAL HARDWARE AND FASTENERS TO BE SIMPSON STRONG—TIE OR APPROVED EQUIVALENT.

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"x3½"x¼"	4"					
UP TO 6'-3" 5"x3½"x5(6" L.L.V. 8"							
UP TO 9'-6" 6"x3½"x5/6" L.L.V. 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.							



Homes Weekley I

David 7

IEERING KERTOWN, PA 18951 (215) 804-4449

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(D) No. \geq Structural 92 , Lot #92 lakestone .H. North Gen. Serenity, 776 Blc σ. \succeq 326 15 M

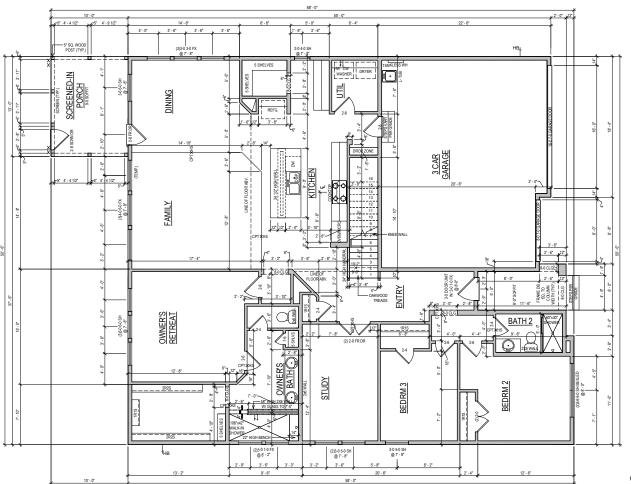
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gh,

Project #: 047-22002 Designed By: JPS Checked By: Issue Date: 9/10/25 Re-Issue: Scale: 1/8"=1'-0" @ 11v17

1/4"=1'-0" @ 22x34



FIRST FLOOR "C"

(a) Week by Homes LP. 202
(b) Week by Homes LP. 202
(c) Week by Homes LP. 202
(c) Week by Homes LP. 202
(c) Week LP. 202
(c)

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

David Weekley Homes

Scale:1/8"=1'-0" Rev: 8/8/2025 EB

PT/PP/AS/JL Date: 11/13/2024

927 Fot:

Block: Proj. No.: 3277 Job No.: 0927

SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

NORTH B326-C PLN-1

BLAKESTONE

RALEIGH

PLAN SQFT - C 2169 SF 476 SF

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

1ST FLOOR	2169 SF
FRONT PORCH	61 SF
GARAGE	595 SF
SCREENED IN PORCH	130 SF
TOTAL SLAB	2955 SF
FRAMING 1ST FLOOR	2169 SF
2ND FLOOR	427 SF
FRONT PORCH	61 SF
FRONT PORCH GARAGE	61 SF 595 SF

GENERAL REQUIREMENTS

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

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

SECOND FLOOR "C"

В

В

4' - 6" 3" - 6" LINE OF FLOOR BELOV LINE OF FLOOR BELOW BEDRM 4 HI HSXCPT RETREAT LINE OF FLOOR BELOW

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

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

Proj. No.: 3277 Job No.: 0927 SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

B326-C PLN-2

BLAKESTONE RALEIGH

927 Block: Lot:

David Weekley Homes PT/PP/AS/JL Date: 11/13/2024

Scale:1/8"=1'-0" Rev: 8/8/2025 EB

Week key Homes L.P. 202:
The measurements, dimension, and other specified show no this document splitteness for conservation. The states specified more in histerial parameters of the states of the specified more in the state of the states.

E, SUITE 201, QUAKERTOWN, PA 18951

KSE



→ BEARING WALL ABOVE □□□□□□□ ⇒ 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

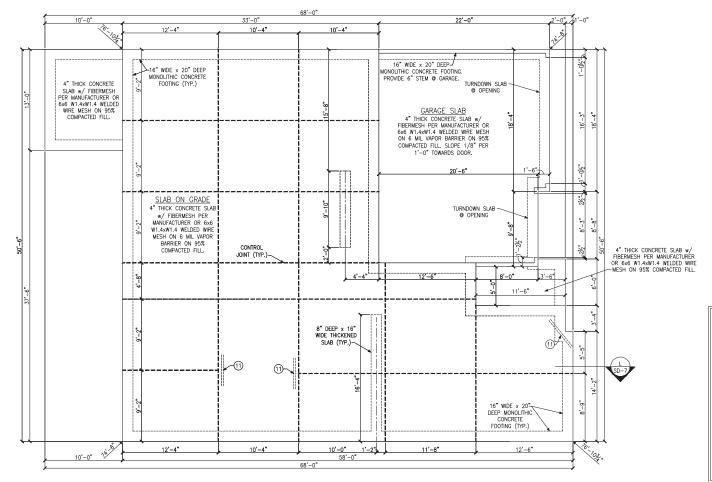
KEYNOTES:

48" WSP

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



Plan

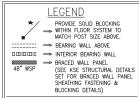


MONOLITHIC SLAB FOUNDATION PLAN









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.

 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 EACH 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.

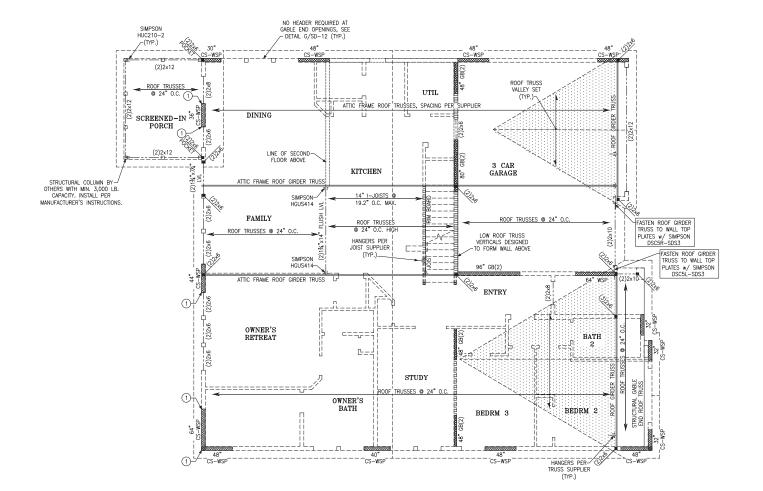


Carolina

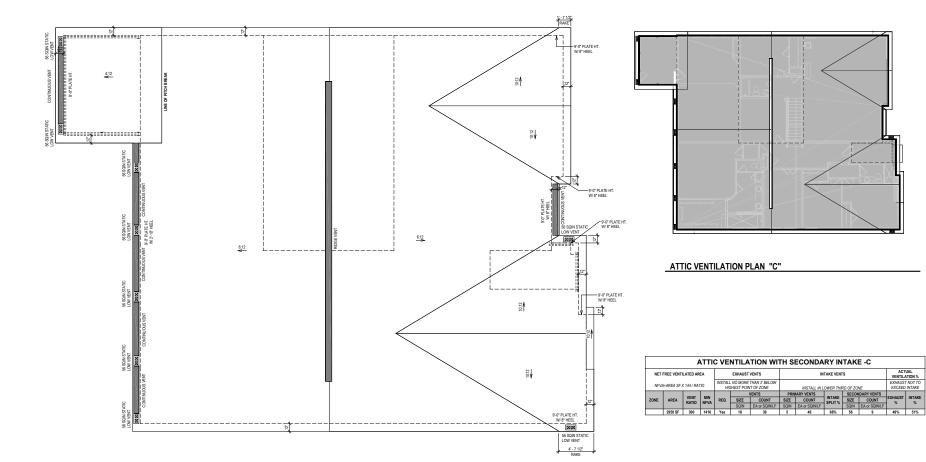
Raleigh, North



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



ROOF FRAMING PLAN



ROOF PLAN "C"

SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

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David Weekley Homes

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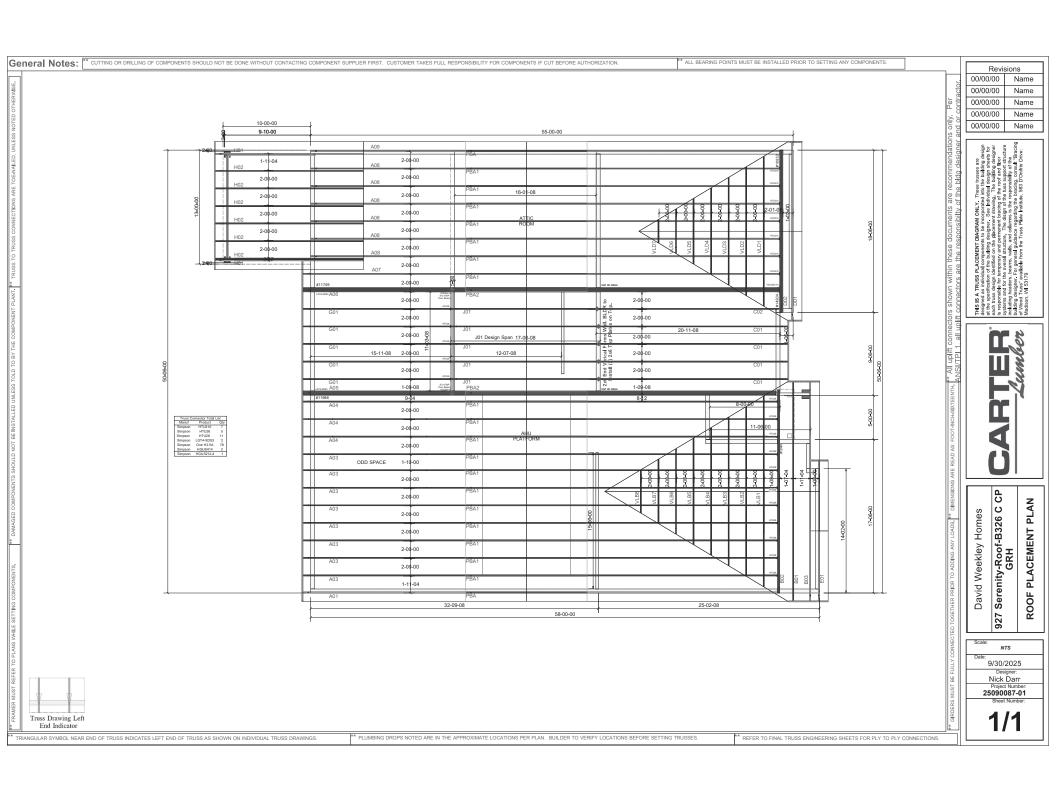
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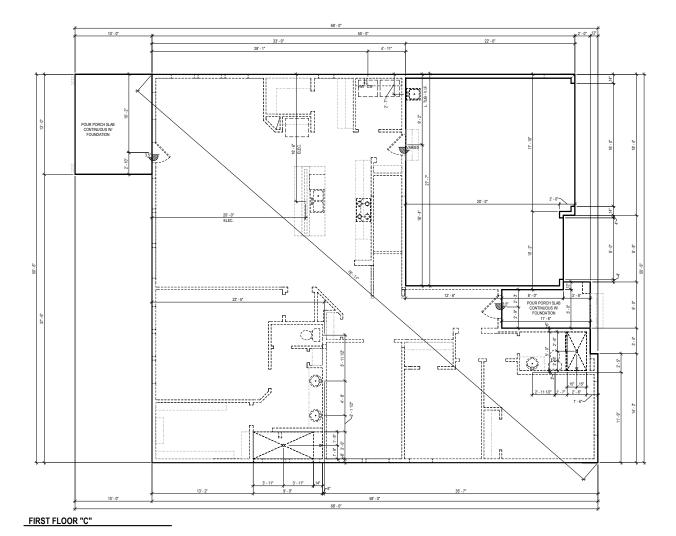
PT/PP/AS/JL Date: 11/13/2024

Lot: 'S

Proj. No.: 3277 Job No.: 0927

NORTH
B326-C
RFP-1
BLAKESTONE
RALEIGH





MA 12/7/22

(a) Week key Homes I
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 David Weekley Homes

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 Scale:116"=1-0"

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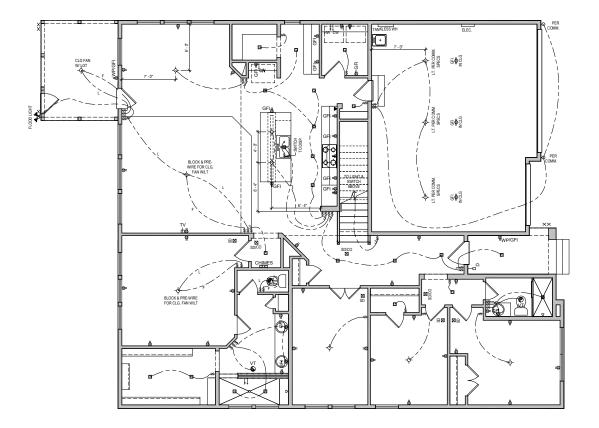
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SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SEE ENGINEERING FOR ANCHOR BOLT REQUIREMENTS





FIRST FLOOR "C"



PT/PP/AS/JL Date: 11/13/2024

Proj. No.: 3277 Job No.: 0927

SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED

David Weekley Homes Scale:1/8"=1'-0" Rev: 8/8/2025 EB UTILITY LEGEND 110V OUTLET 12" A.F.F. (U.N.O.) GFI GROUND FAULT INTERRUPTOR (WEATHER PROOF AS NOTED) HALF HOT OUTLET 220V OUTLET (36*A.F.F. @ UTILITY) PHONE LINE CABLE TELEVISION STANDARD SWITCH (3 OR 4 WAY AS NOTED) 927 - SURFACE MOUNTED LIGHT LIGHT SURFACE MOUNTED LED LIGHT MALL MOUNTED LIGHT RECESS CAN LIGHT (EYEBALL AS NOTED) T FEHALIST VIPIT Ę

ALL RECESS CANS SHOWN

	 •	EXHAUST VENT
	•	EXHAUST VENT
PER EC.	SS M	SMOKE DETECTOR (CARBON MONOXIDE AS NOTED) DOOR BELL
PLAN ARE LED PER OMMUNITY SPEC.	CHIMES ELEC HB†	DOOR BELL CHIMES PANELBOARD W/ CIRCUIT BREAKERS HOSE BIB
MAN	GAS T CW HW	GAS TAP
불의	T†	COLD/HOT WATER SUP
Ō	f	ELEVATOR CALL BUTTON

MID-ATLANTIC General Notes

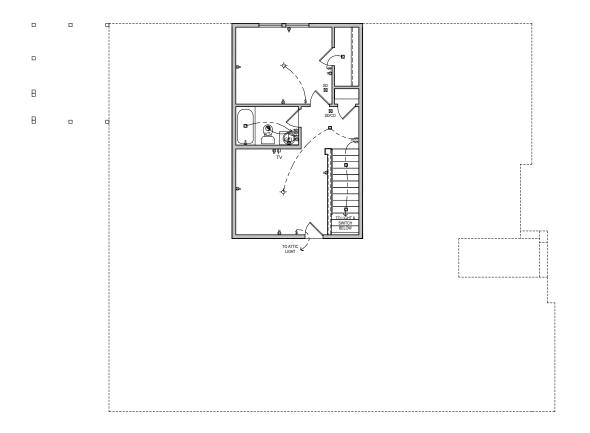
ALL ELECTRICAL PLUGS TO BE 9" TO TOP FROM FLOOR IN ROOMS WITH WALL MOULDINGS.

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

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

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.





SECOND FLOOR "C"

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN

David Weekley Homes RATED UTILITY LEGEND

Week key Homes L.P.
The measurements, dimensions, and other specially for the part of the properties of the properties of the properties of the financiary. The decement may peak to be financial of that the connections.

Scale:1/8"=1'-0" Rev: 8/8/2025 EB

PT/PP/AS/JL Date: 11/13/2024

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Proj. No.: 3277 Job No.: 0927

110V OUTLET 12" A.F.F. (U.N.O.) GFI GROUND FAULT INTERRUPTOR (WEATHER PROOF AS NOTED) 1/2 HALF HOT OUTLET

PHONE LINE

CABLE TELEVISION STANDARD SWITCH (3 OR 4 WAY AS NOTED)

- SURFACE MOUNTED LIGHT

LIGHT

SURFACE MOUNTED LED
LED DISC LIGHT

WALL MOUNTED
LIGHT
RECESS CAN LIGHT
(EYEBALL AS NOTED)

THE STANDARD VETT

SD SMOKE DETECTOR

(CARBON MONOXIDE AS

D NOTED)

DOOR BELL

CHIMES DOOR BELL CHIMES PANEL BOARD WI CIRCUIT HB BREAKERS HOSE BIB

GAS GAS TAP CW HW T COLD/HOT WATER SUPPLY

SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC

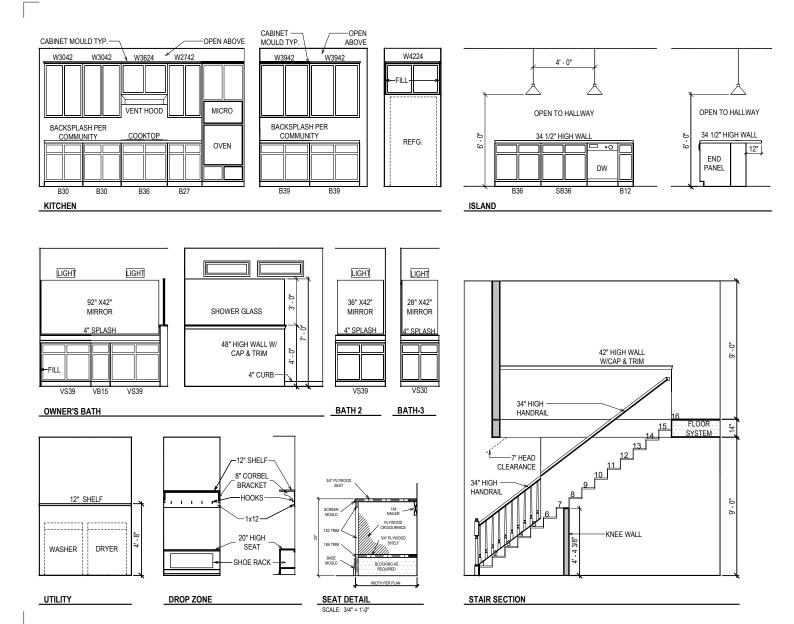
MID-ATLANTIC General Notes

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

5. PROVIDE GAS AT APPLIANCES PER COMMUNITY REQUIREMENTS.

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.

NORTH B326-C BLAKESTONE RALEIGH



SERENITY 65' SEL 1232 SERENITY WALK PARKWAY FUQUAY VARINA, NC NORTH

Week key Homes L.P.
The measurements, dimension, and other sp. other on on this former are guidelines for convey. The sexal specification to the Property of the former of the fore

David Weekley Homes

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Proj. No.: 3277 Job No.: 0927

Scale:1/4"=1'-0" Rev: 8/8/2025 EB

B326-C INT-1 BLAKESTONE

RALEIGH

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



Issue Date: 9/10/25 Re-Issue:

Designed By: JPS Checked By:

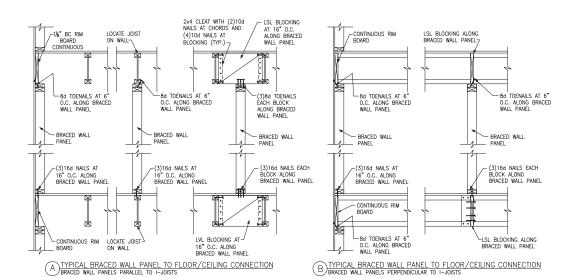
Project #: 047-22002

Raleigh, North Carolina









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

- 8d NAIL @ 6" O.C. AT ALL EDGES AND 12" O.C. TYPICAL AT ALL OTHER EXTERIOR MEMBERS 16d NAIL ~16d NAIL @ 12" O.C. @ 12" 0.0. EXTERIOR SHEATHING -GYPSUM BOARD OUTSIDE CORNER PLAN VIEW INSIDE CORNER PLAN VIEW

" MAX. OPEN SOLID BLOCKING BETWEEN ROOF TRUSSES ATTACHED TO TOP PLATES WITH 8d NAILS @ 6" O.C. ALONG LENGTH OF BRACED WALL PANELS.

2x BLOCKING BETWEEN -TRUSSES ALONG LENGTH OF BRACED WALL PANELS. LAP MIN 2" WITH OSB. -2x4 BLOCKING BETWEEN ROOF TRUSSES ATTACHED TO TOP PLATES WITH 8d NAILS NAIL OSB SHEATHING TO-BLOCKING, WALL PLATES AND TRUSS WEB WITH 8d NAILS AT 6" O.C. TYPICAL. @ 6" O.C. ALONG LENGTH OF BRACED WALL PANELS.

HEEL HEIGHT GREATER THAN 914" AND LESS THAN 1514"

HEEL HEIGHT GREATER 15"

D TYPICAL EXTERIOR CORNER WALL FRAMING

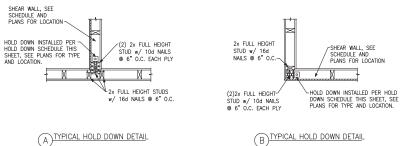
NOTE: A THIRD STUD AND/OR PARTITION INTERSECTION BACKING STUDS SHALL BE PERMITTED TO BE OMITTED
THROUGH THE USE OF WOOD BACKUP CLEATS, METAL
DRYWALL CLIPS OR OTHER APPROVED DEVICES THAT WILL SERVE AS ADEQUATE BACKING FOR THE FACING MATERIALS.

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

KSE

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

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



-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET

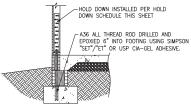
(E)HOLD DOWN AT CRAWL FOUNDATION

A36 ALL THREAD ROD-

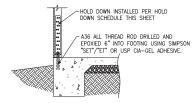
SIMPSON CNW1/2 OR USP CNW12-ZAP COUPLER NUT

GROUT CMU SOLID AT ALL THREAD ROD-

B TYPICAL HOLD DOWN DETAIL

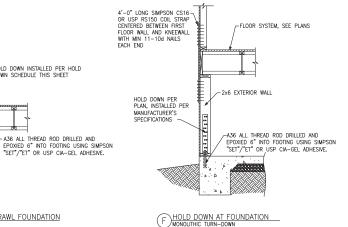


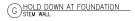


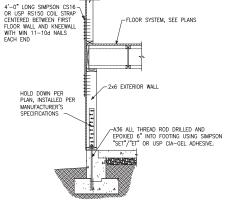


(D)HOLD DOWN AT MONOLITHIC SLAB

%" DIA.







	ŀ	HOLD DOWN	SCHEDULE
HOLD SIMPSON	DOWN USP	ALL TREAD ROD	FASTENERS
LTTP2	LTS20B	½" DIA.	(10)10d NAILS
HTT4	HTT16	%" DIA.	(18)16dx2½" LONG NAILS

HTT5

HTT45



(26)16dx2½" LONG NAILS

Carolina

North

Raleigh,

Details

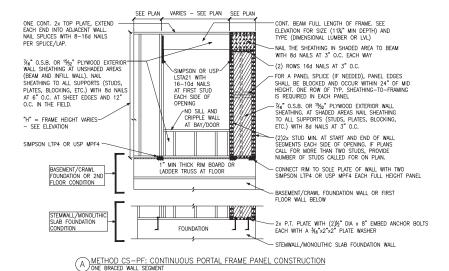
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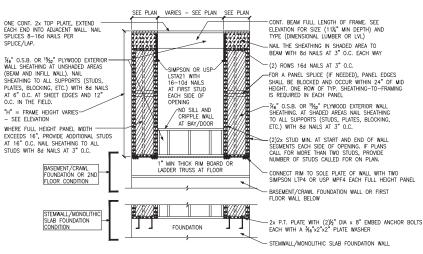
Notes

Wall

1/4"=1'-0" @ 22x34





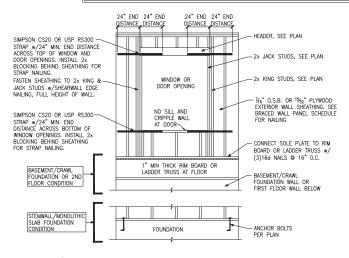


(B) METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION TWO BRACED WALL SEGMENTS

	BRACED WALI	PANEL AN	ND 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. <u>Engineered Alternative</u> : 16 <u>Gage By 1.75" long Staples at 3" o.c. at sheet edges and 6" o.c. at intermediate support</u>
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. <u>Engineered Alternative</u> : 16 <u>Gage By 1.75" long staples at 3" o.c. at sheet edges and 6" o.c. at intermediate support</u>
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 $\%_6$ " 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 LENGTH REQUIRED



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

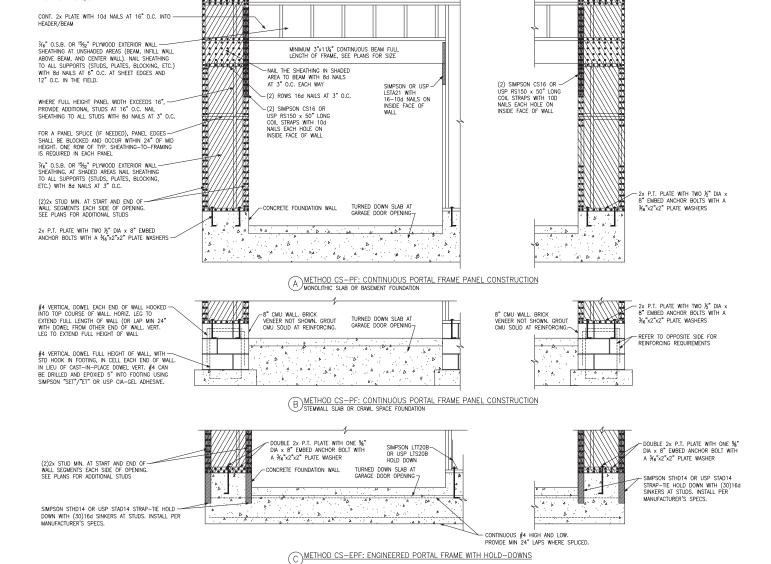
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EXTENT OF HEADER DOUBLE PORTAL FRAME (TWO BRACED WALL SEGMENTS)

EXTENT OF HEADER SINGLE PORTAL FRAME (ONE BRACED WALL SEGMENT)

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

NAILS PER SPLICE/LAP



1/4"=1'-0" @ 22x34

Issue Date: 9/10/25 Re-Issue:



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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

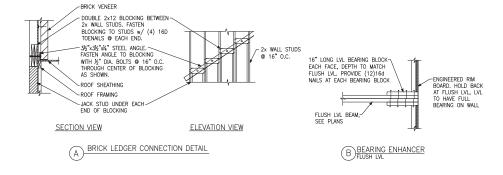
- 2x6 JACK STUD, SEE PLAN FOR QUANTITY - 2x6 KING STUD, SEE PLAN FOR QUANTITY

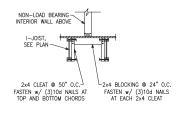
2x6 SOLE PLATE



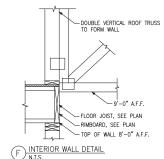


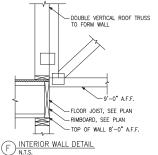
Project #: 047-22002
Designed By:JPS
Checked By:
Issue Dote: 9/10/25
Re-issue:
Scole: 1/8"=1"-0" @ 11x17
1/4"=1"-0" @ 22x34

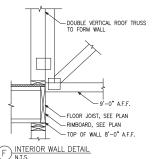


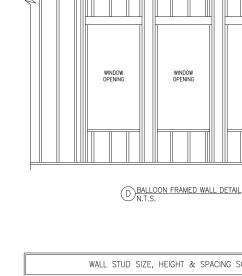


C I-JOIST LADDER BLOCKING
AS REQUIRED @ PARALLEL WALLS









WINDOW

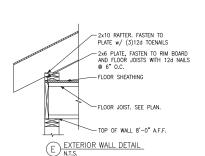
WINDOW

WINDOW OPENING

WINDOW

WINDOW OPENING

WALL STUD SIZE, HEIGHT & SPACING SCHEDULE							
		NONBEARING WALLS					
STUD SIZE	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"	



ENGINEERING F. SUITE 201, QUAKERTOWN, PA 18951

S



Framing #927 Miscellaneous Fram Serenity, Lot #927 B326 Blakestone M

Detail

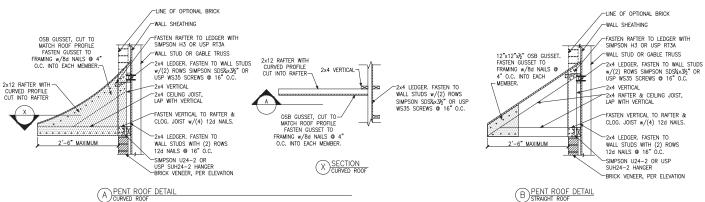
Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

Checked By: Issue Date: 9/10/25 Re-Issue:

Project #: 047-22002 Designed By: JPS

WITH (4) 12d NAILS -2×4 LEDGER, FASTEN TO WALL

C EYEBROW ROOF DETAIL STRAIGHT ROOF



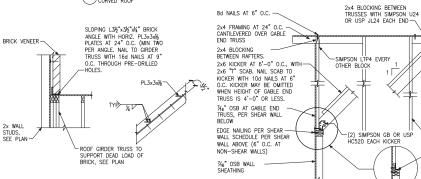
AT 4" O.C.

(5) 10d-

ROOF TRUSSES

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

AT 24" O.C.



(E) GABLE END WALL DETAIL

(D)TRUSS DETAIL

-2x4 RAFTER & CEILING JOIST, LAP WITH VERTICAL

FASTEN VERTICAL TO RAFTER &

CLOG. JOIST w/(4) 12d NAILS. WALL STUDS WITH (2) ROWS

STUDS w/(2) ROWS SIMPSON SDS1/4×31/2" SCREWS @ 16" O.C. -2x4 RAFTER & CEILING JOIST, LAP AND FACE NAIL WITH (4) -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

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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

CLASSIFIED SOIL

COMPACTED FILL

MONOLITHIC CONCRETE

FOOTING w/ 4" LEDGE BRICK VENEER, SEE

OR GROUP 1



Foundation Serenity, Lot #927 B326 Blakestone 1 #927 Slab Monolithic

1/4"=1'-0" @ 22x34

Re-Issue:

Designed By: JPS Checked By: Issue Date: 9/10/25

Project #: 047-22002

B326 115 M

Carolina North Raleigh,

Details

THICKENED SLAB

LIVING SPACE /

FOUNDATION SECTION EXTERIOR WALL AT PORCH w/ BRICK VENEER

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

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL

CLASSIFIED SOIL

-MONOLITHIC CONCRETE FOOTING, SEE PLAN.

COMPACTED FILL

OR GROUP 1

INSIDE EDGE OF MONOLITHIC INSTALL ½" DIA. ANCHOR BOLTS w/3"x3"x4" PLATE WASHERS @ 6'-0" O.C., SEE FOUNDATION: (1) ADDITIONAL LADDER WIRE BELOW TOP BRICK COURSE CAST INTO SLAB BRICK -MASONRY 00

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

CONCRETE SLAB, SEE PLAN

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

STEP VARIES

00000

24" MAX

GARAGE SPACE

EXTERIOR

12" MINIMUM

BELOW GRADE

GRADE

FOUNDATION NOTES. 00 NOTCH BRICK

OUTSIDE EDGE OF BRICK AND WALL ABOVE

POST ABOVE, SEE PLAN BRICK VENEER -SEE ARCH DWGS CONCRETE SLAB, SEE PLAN ISOLATED PAD FOOTING, FOR BRICK TIES. SEE PLAN FOR SIZE WEEPS, ETC. 8" MINIMUM TO GRADE, 24" MAX EXTERIOR GRADE WIDTH 12" MINIMUM-

CA" CONCRETE SLAB. SEE PLAN. " GRAVEL FILL OR GROUP 1 CLASSIFIED SOIL

95% COMPACTED SOIL

FOUNDATION SECTION ALTERNATE EXTERIOR WALL

ISOLATED PAD FOOTING

INTERIOR COLUMN

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

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

SEE FOUNDATION NOTES.

B) FOUNDATION SECTION EXTERIOR WALL @ BRICK VENEER FOUNDATION SECTION

CONCRETE SLAB POURED

MONOLITHICALLY WITH

4" GRAVEL FILL OR GROUP 1

CLASSIFIED SOIL

COMPACTED FILL

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

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

STEP VARIES,

FOUNDATION SECTION
EXTERIOR GARAGE WALL @ BRICK VENEER

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

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

FOOTING, SEE PLAN.

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

VENEER TIES SHALL BE SPACED NOT MORE THAN

24" O.C. HORIZONTALLY AND VERTICALLY AND SHALL SUPPORT NOT

MORE THAN 2 SOLIARE FEET OF WALL AREA

8" MINIMUM TO

GRADE, 24" MAX

EXTERIOR GRADE

12" MINIMUM -

BELOW GRADE

BELOW GRADE

INSTALL 1/2" DIA. ANCHOR BOLTS W/ 3"x3"x4" PLATE WASHERS @ 6'-0' O.C., SEE FOUNDATION NOTES. -(1) ADDITIONAL LADDER WIRE BELOW TOP BRICK COURSE CAST INTO SLAB

G GARAGE DOOR SECTION

MONOLITHIC CONCRETE FOOTING, SEE PLAN.

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

SEE FOUNDATION NOTES.

CONCRETE SLAB POURED

4" GRAVEL FILL

OR GROUP 1 CLASSIFIED SOIL

COMPACTED FILL

-MONOLITHIC CONCRETE FOOTING

FOOTING SEE PLAN.

2x STUD WALL W/

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL

CLASSIFIED SOIL

COMPACTED FILL

MONOLITHIC CONCRETE FOOTING, SEE PLAN.

OR GROUP 1

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

RECESS @ GARAGE DOOR

B 2

C EXTERIOR WALL AT PORCH FOUNDATION SECTION

CONCRETE SLAB, SEE PLAN

EXTERIOR

12" MINIMUM

BELOW GRADE

GRADE

@ THREADED ROD AND GROUT SOLID

M FOUNDATION SECTION ALTERNATE EXTERIOR WALL

2x BEARING WALL w/ P.T. PLATE, SEE PLAN: -INSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C., CONCRETE SLAB POLIRED SEE FOUNDATION NOTES FOOTING, SEE PLAN, THICKENED SLAB,

> THICKENED SLAB SECTION (J)INTERIOR BEARING WALL

24" MAX. 12" MINIMUM BELOW GRADE -COMPACTED FILL

SEE FOUNDATION NOTES PLATE, SEE PLAN -6" CONCRETE STEMWALL -CONCRETE SLAB POURED 8" MINIMUM TO MONOLITHICALLY WITH STEP VARIES. FOOTING, SEE PLAN. -4" GRAVEL FILL OR GROUP 1 CLASSIFIED SOIL

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 ~

MONOLITHIC CONCRETE FOOTING, SEE PLAN,

SEE PLAN.

rINSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C., 2x STUD WALL w/ P.T.

FOUNDATION SECTION

GRADE, 24" MAX EXTERIOR GRADE-

E) FOUNDATION SECTION EXTERIOR GARAGE WALL



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S

SINGLE TOP PLATE. SPLICE OVER STUD

-SINGLE TOP PLATE, SPLICE OVER STUD

SINGLE TOP PLATE SPLICE

INTERIOR OR EXTERIOR WALL

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.

RESIDENTIAL CODE.

RESIDENTIAL CODE.

2.) INTERIOR BEARING WALLS TO BE PER NO

TOLERANCE OF NO MORE THAN 1 INCH.

STACKED OVER STUDS WITHIN 1" TOLERANCE.

PLATE. TOP PLATE TO BE SPLICED PER NC

3.) ROOF TRUSSES AND FLOOR JOISTS ARE TO BE STACKED AND CENTERED OVER STUDS WITH A

ADDITIONAL STUDS ARE TO BE ADDED WHERE THE ROOF TRUSSES AND FLOOR JOISTS ARE NOT

4.) INTERIOR NON-LOAD BEARING WALLS TO BE

2x4 S.P.F. STUDS @ 24" O.C. WITH SINGLE TOP

5.) LOAD-BEARING HEADERS ARE NOT REQUIRED IN

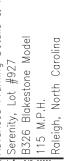
INTERIOR OR EXTERIOR NONBEARING WALLS. A

SINGLE FLAT 2x MEMBER MAY BE USED AS A

SURFACE IS NOT MORE THAN 24 INCHES. FOR SUCH NONBEARING HEADERS, NO CRIPPLES OR BLOCKING ARE REQUIRED ABOVE THE HEADER.

HEADER IN INTERIOR OR EXTERIOR NONBEARING

WALLS FOR OPENINGS UP TO 8 FEET IN WIDTH IF THE VERTICAL DISTANCE TO THE PARALLEL NAILING





Notes

 \approx



Re-Issue:

1/4"=1'-0" @ 22x34

