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 David Weekley Homes

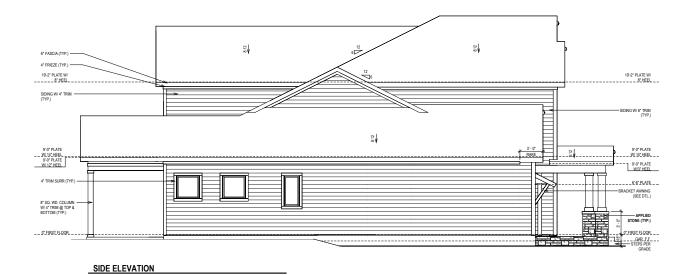
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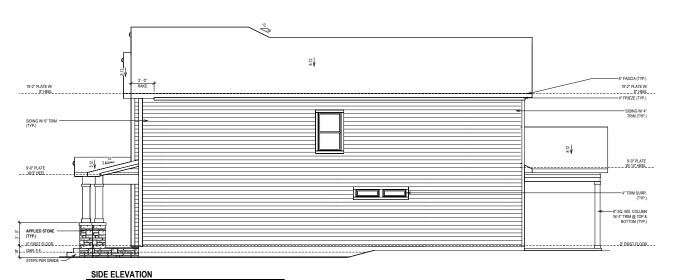
 Date: 09/21/2020
 Rev: 5/31/23 EB

KWAY 3277 Lot: 126 3277 Job No.: Block: 0126 Seet:

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH B329-B ELV-1 BUCKHORN RALEIGH





SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

Proj. No.: 3277 Job No.: 0126

Weekkey Homes LP. 2020
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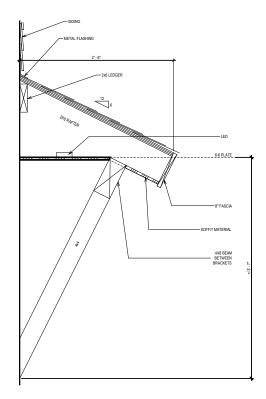
David Weekley Homes

Lot: 126

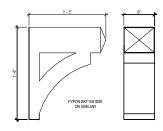
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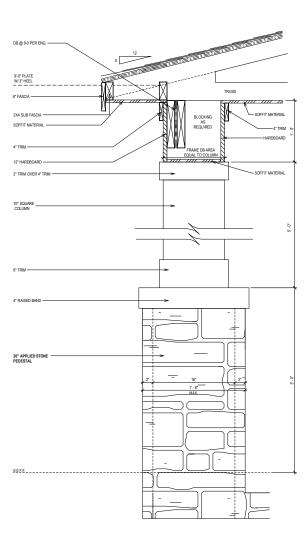
SOUTH
B329-B
ELV-2
BUCKHORN
RALEIGH



AWNING DETAIL W/ BEAM SCALE: 1" = 1'-0"



BRACKET DETAIL SCALE: 1" = 1'-0"



CORNICE A DETAIL
SCALE: 1" = 1'-0"

Weekley Homes LP.
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David Weekley Homes Scale:1/8"=1'-0" Rev: 5/31/23 EB CN/NU/IR Date: 09/21/2020

126 Lot: Proj. No.: 3277 Job No.: 0126

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH B329-B ELV-3 BUCKHORN RALEIGH

SHEET INDEX:

COVER SHEET

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SECOND FLOOR FRAMING PLAN

ROOF FRAMING PLAN S-3

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SD-2 HOLD DOWN DETAILS

SD-3 BRACED WALL NOTES & DETAILS

SD-4 PORTAL FRAME DETAILS

MISCELLANEOUS FRAMING DETAILS SD-5 SD-6 MISCELLANEOUS FRAMING DETAILS

SD-7 MONOLITHIC SLAB FOUNDATION DETAILS

SD-8 NOT USED SD-9

SD-10 NOT USED

NOT USED SD-11

ADVANCED FRAMING DETAILS & NOTES



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

B329 BUCKHORN

SERENITY, LOT #126

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 RECOMMENDAL LELECTIONS, AND PLOMORISERS, SHOULD ANY DISCREPANCIES BECOME APPARENT, THE CONTRACTOR SHALL NOTIFY IS ESPONDALLY DESCRIPTION OF THE ENGINEER LISTED ON THE CONTRACTOR SHALL NOTIFY IS ES DOCUMENTS, THAT THESE DOCUMENTS EACOUNTED 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 CONTRACTOR TO THE CONTRACTOR OF THE PROFESSIONALS CANDIDATED TO THE PROFESSIONAL OF THE INFORMATION CONTRACTOR AND EACH OF THE PROFESSIONAL OF THE INFORMATION CONTRACTOR TO THE PROFESSIONAL OF THE INFORMATION THE PROFESSIONAL OF THE INFORMATION CONTRACTOR TO THE PR TO THE COMMENCEMENT OF ANY WORK. THE ENGINEER IS NOT RESPONSIBLE TO RANT PLAN ERRORS, OMISSIONS, OR MISINTERPRETATIONS UNDETECTED AND NOT REPORTED TO THE COMMENCE THIS OF CONSTRUCTION. ALL CONSTRUCTION MUST BE IN ACCORDANCE TO THE INFORMATION FOUND IN TEST 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.

** ROOF = 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, F₄=310 PSI, F₆=900 PSI

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

 * PSI: E=2,100,000 PSI, F₈=2,900 PSI, F₉=290 PSI, F₆=625 PSI



David Weekley Homes

Cover Sheet Serenity, Lot #126 B329 Buckhorn Model Serenity Raleigh, North Carolina Carolina

Project #: 047-20009

Designed By:JPS Checked By: Issue Date: 12/4/23

Re-Issue: Scale: 1/8"=1'-0" @ 11x17 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. LOO THESE ARTY MAY RENSE, ALTER, OR DELETE ANY STRUCTURAL. NO OTHER PARTY MAY RENSE, ALTER, OR DELETE ANY STRUCTURAL ASPECTS OF THESE CONSTRUCTION DOCUMENTS WITHOUT WRITEN CONSENT OF KSE ENGINEERING, P.C. OR THE SER, FOR THE CONSERING THESE CONSTRUCTION DOCUMENTS, THE SER AND KSE ENGINEERING SHALL BE CONSIDERED THE SAME ENTITY. THE STRUCTURE IS ONLY STABLEE IN ITS COMPLETED FORM, THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY BRACING DURING CONSTRUCTION STOLEMENT. THE SER IS NOT RESPONSIBLE FOR CONSTRUCTION SEQUENCES, METHODS, OR TECHNIQUES IN CONNECTION WITH THE CONSTRUCTION OF THIS STRUCTURE. THE SER WILL NOT BE HELD RESPONSIBLE FOR THE CONTRACT OF STABLES OF THE CONTRACT OF SHALLE PROCONCERS AND THE CONTRACTOR'S FAULUE TO CONFORM TO THE CONTRACTOR'S SAULUE FOR THE CONTRACTOR'S FAULUE TO CONFORM TO THE CONTRACTOR'S FAULUE TO THE CONTRACTOR'S FAULUE TO THE TOR THE CONTRACTOR'S FAULUE TO THE TOR THE T THIS PROJECT, THE SER BEARS THE RESPONSIBILITY OF THE PRIMARY
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 THE SEP DOES NOT CEPTIFY DIMENSIONAL ACCURACY OR
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 ASSUMES NO LUBBILITY FOR CHANGES MADE TO THESE PLANS BY
 OTHERS, OR FOR CONSTRUCTION METHODS, OR FOR ANY DEVAITON
 FROM THE PLANS. THE SER SHALL BE NOTIFIED PRIOR TO
 CONSTRUCTION IF ANY DISCREPANCIES ARE NOTIFIED ON THE PLANS.
 ANY STRUCTURAL ELEMENTS OR DETAILS NOT FULLY DEVELOPED ON
 THE CONSTRUCTION DEAVINISS SHALL BE COMPITED WHOSE THE
 DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. THESE SHOP
 DRAWINGS SHALL BE SUBMITTED TO KES ENDINEERING FOR REVIEW
 BEFORE ANY CONSTRUCTION BEGINS, THE SHOP DRAWINGS WILL BE
 STBUCTURAL DESIGN OF THIS PROJECT, VERRICATION OF THE SHOP
 STRUCTURAL DESIGN OF THIS PROJECT, VERRICATION OF THE SHOP
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 STRUCTURAL DESIGN OF THIS PROJECT, VERRICATION OF THE SHOP
 DRAWINGS FOR DIMENSIONS, OR FOR ACTUAL FIELD CONDITIONS, IS 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 SER. THE CONTRACTOR SHALL VERIFY THE FIELD CONDITIONS FOR ACCURACY AND REPORT ANY DISCREPANCIES TO KSE ENGINEERING, P.C. BEFORE CONSTRUCTION BEGINS.
 THE SER IS NOT RESPONSIBLE FOR ANY SECONDARY STRUCTURAL
 ELEMENTS 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.
- 9. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS ALL DIMENSIONS ARE TO EACE OF STUD OR TO EACE OF FRAMING LINLESS OTHERWISE NOTED 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

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

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.

WILLING IER YELL.

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

PROVIDE MINIMUM 6 ML 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 ACI 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. ARE 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 POLYPROPYLENE FIBERS MAY BE USED IN LIEU OF WW.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.

 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 WHERE REINFORCING DOWELS ARE REQUIRED. THEY SHALL BE 10. WHERE REINFORCING DOWELS ARE REQUIRED, HEET SHALL SEED OF THE VERTICAL REINFORCEMENT. THE DOWEL SHALL EXTEND 50 BAR DIAMETERS VERTICALLY AND 20 BAR DIAMETERS 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 CMIL CLAY

SPACED NOT MORE HAM 4 FEET ON CENTER. NO ROCKS, CMU, CLAY 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 EXCEED TEN TIMES THER LESS TO IMPRISION. UNFILLED HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THERE LESST DIMENSION.

EACH CRAW, SPACE PIER SHALL BEAR IN THE MIDDLE THIRD OF TIS RESPECTIVE FOOTING AND EACH GIDDER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS. PILASTERS TO BE BONDED TO PERIMETER FOUNDATION WILL INVESTIGATE AND THE STRONGER SHALL BE CROUTED SOLID.

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) LINEESS THERWISE NOTED, ALL WOOD FRAMING MEMBERS ARE DESIGNED TO

SPRUCE-PINE-FIR (SPE) WITH THE FOLLOWING MINIMUM DESIGN

VALUES: 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, 16" 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

PROVIDE KING STUDS AT EACH END OF HEADERS AS NOTED BELOW. 16" O.C. STUD SPACING: (1) STUD UP TO 3' OPENING 24" O.C. STUD SPACING: (1) STUD UP TO 4' OPENING (2) STUDS UP TO 4' OPENING (2) STUDS UP TO 8' OPENING STUDS UP TO 8' OPENING (3) STUDS UP TO 12' 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 BENF FOLK WIDTH ON THE SUPPORTING WALLS OF COLOMISS MOUNTED WITH A MINIMUM OF TWO STUDES, ONLESS OTHERWISE NOTED. ALL BEAM SPLICES SHALL OCCUR OVER SUPPORTS.

13. SOLID BLOCKING TO BE PROMIDED 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 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 OF 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 LINEESS SPECIFICALLY

SHOWN ON PLAN. RAFTERS MAY BE SPLICED AT PURLIN LOCATIONS.
CEILING JOISTS SHALL HAVE LATERAL SUPPORT W/ 1x4 FLAT BRACING ON TOP FOCE OF JOIST AT LOOSE JOIST FNDS (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 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: "NATIC 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' (RCI) 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 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING TEMPORARY BRADING AND SHORING FOR THE FLOOR AND ROOF TRUSSES AS REQUIRED DURING CONSTRUCTION. AT A MINIMUM, CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OF THE LAKEST BIG. THE CONTRACTOR SHALL FOLLOW THE CONTRACTOR SHALL FOLLOW THE PROJECT OF THE GOST SHEETS ON SITE.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PERMANENT

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PERMANENT TRUSS BROAMS FORM IN THE STRUCTURAL DRAWINGS AND IN THE TRUSS BESIONS, ALL CONTINUOUS LATERAL BRACING OF WESS REQUIRES BRACES. REFER TO BOI SUMAINAT SHEET BIS 700 THESE OF DIAGONAL BRACES TO PROVIDE AT EACH CONTINUOUS LATERAL BRACE LINE. SUCH DIAGONAL BRACES SHALL DIS ESPACED MORE THAN 20 FEET OF. DIAGONAL BRACES SHALL BY ASPACED MORE THAN 20 FEET OF. DIAGONAL BRACES SHALL BY ASPACED MORE THAN 20 FEET OF. BRACE LINE. SHALL DIS FASTENED TO EACH TRUSS WEB WITH A MINIMAL OF THOSE DISTALLED, DUE TO A MINIMAL OF THREE DISTALLED. 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 REEN 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

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

STRUCTURALLY REQUIRED WOOD SHEATHING SHALL BEAR THE

LISING 76" OSR MINIMIM AT RRACED WALL PANELS PROVIDE BLOCKING AT ALL SHEET EDGES NOT FALLING ON STUDS OR

PLATES,
ROOF SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE 1 OR 2. ROOF SHEATHING SHALL BE CONTINUOUS OVER TWO SUPPORTS MINIMUM AND ATTACHED TO ITS SUPPORTING ROOF FRAMING WITH BIG NAIL AT 6" O.C. AT PANEL EDGES AND AT 12" O.C. IN PANEL FIELD UNLESS OTHERWISE NOTED ON THE PLANS. SHEATHING SHALL BE APPLIED WITH THE LONG DIRECTION PERPENDICULAR TO FRAMING BE APPLIED WITH THE LONG DIRECTION PERPENDICUOAR TO FRAMIN SHEATHING SHALL HAVE A SPAN RATING CONSISTENT WITH THE FRAMING SPACING, PROVIDE SUITABLE EDGE SUPPORT BY USE OF PLYWOOD CLIPS OR LUMBER BLOCKING UNLESS OTHERWISE NOTED. PANEL END JOINTS SHALL OCCUR OVER FRAMING, ROOF SHEATHING

TO BE $\frac{7}{6}$ OSB MINIMUM. WOOD FLOOR SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE 1 OR 2. ATTACH SHEATHING TO ITS SUPPORTING FRAMING WITH (1) 104 NAIL AT 6" O.C. AT PANEL EDGES AND AT 12" O.C. IN PANEL FIELD UNLESS OTHERWISE NOTED ON THE PLANS. SHEATHING SHALL BE APPLIED PERPENDICULAR TO FRAMING SHEATHING SHALL HAVE A SPAN RATING CONSISTENT WITH THE SHEATHING SHALL HAVE A SHAN 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

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 1/8" 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 DI.1. ELECTRODES FOR SHOP AND FIELDING WELDING SHALL BE CLASS E70XX. 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) 1/2" 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"

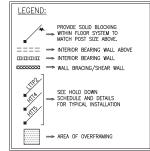
MECHANICAL FASTENERS:

ALL METAL HARDWARE AND FASTENERS TO BE SIMPSON STRONG-TIE OR APPROVED EQUIVALENT. ALL HARDWARE AND FASTENERS IN CONTACT WITH PRESERVATIVE

PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153, G-185,

ACCUPOANCE WITH ASIM A 133, G-183.

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"x¾6" L.L.V.	8"				
UP TO 9'-6"	JP 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.						



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> <u>ა</u>გ Weekl David 7

Homes

Model ; Lot #126 uckhorn Mod Structural renity, 29 Bu Serenity Raleigh, Sereni B329

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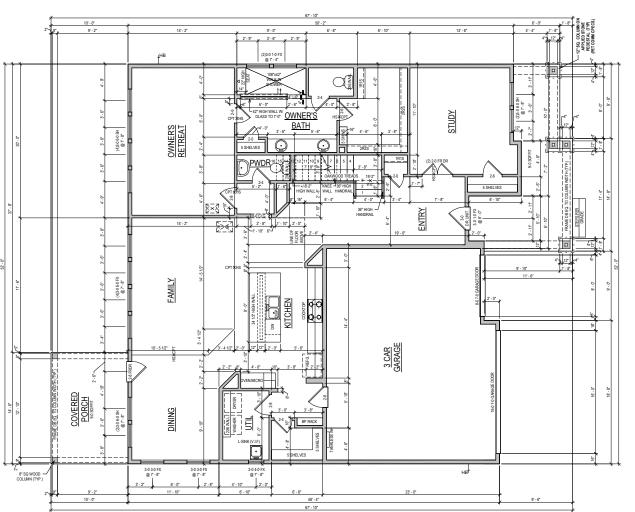
Carolina

North

igh,

General Project #: 047-20009 Designed By: JPS Checked By: Issue Date: 12/4/23

Re-Issue: Scale: 1/8"=1'-0" @ 11×17 1/4"=1'-0" @ 22x34



GENERAL REQUIREMENTS

SLOPED SURFACE REQU

ROOF DECKS AND BALCO

FINISHED HANDRAIL HEIG NOSING

OTE: ALL 1ST FLR. CEILING HEIGHTS 9' - 0" UNLESS NOTED OTHERWISE ADVANCED FRAMING: 2X6 EXTERIOR PERIMETER WALLS & ALL INSULATED WALLS UNLESS NOTED OTHERWISE

David Weekley Homes Scale:1/8"=1'-0" Rev: 5/31/23 EB

CN/NU/IR Date: 09/21/2020 126 Block: Lot:

Proj. No.: 3277 Job No.: 0126

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

PLAN SQFT

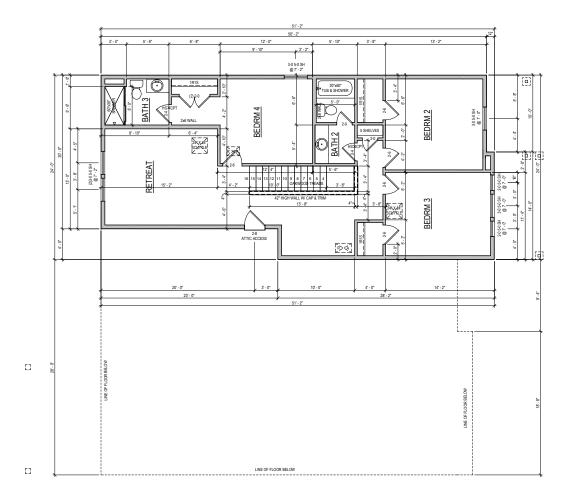


FIRST FLOOR

IREMENTS 4" PER FOOT	FLR
SLOPED 1/8" PER FOOT TOWARDS VEHICLE ENTRY DOOR	15.
DNIES TO BE SLOPED 1/4" PER FOOT TOWARDS RELIEF POINTS	14
L JUIRED AT STAIRS WITH 4 OR MORE RISERS	ALI
SHT BETWEEN 34" AND 36" MEASURED VERTICALLY ABOVE TREAD	OTE:
REQUIRED AT DECKS, BALCONIES AND WALKWAYS THAT ARE 30° OR AND BE AT A MINIMUM OF 36° IN HEIGHT	8
ID HANDRAIL SPINDLES MUST BE SPACED SO A 4* SPHERE WILL NOT	

OPTION LIST	OP KITCHEN SHOWER @ BATH 3	SUPER SHOWER @ OWNERS BATH HARD SURFACE TREADS @ STAIRS	ED PORCH	ACK RACK	G @ STAIRS	(@ STUDY	DOOD ® OWNERS CLOSET
	COOKTOP KITCHEN	SUPER SHOWS	COVERED PORCH	BACKPACK RACK	RAILING @ STAIRS	FRDR'S @ STUDY	DOOR @ CWN

T FLOOR	1895 SF
D FLOOR	1126 SF
TAL LIVING	3021 SF
AB	
T FLOOR	1895 SF
VERED PORCH	145 SF
ONT PORCH	202 SF
RAGE	613 SF
TAL SLAB	2855 SF
AMING	
T FLOOR	1895 SF
D FLOOR	1080 SF
IVERED PORCH	145 SF
ONT PORCH	202 SF
RAGE	613 SF
TAL FRAMING	3935 SF



SECOND FLOOR

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

ADVANCED FRAMING: 2X6 EXTERIOR PERIMETER WALLS & ALL INSULATED WALLS LINLESS NOTED OTHERWISE 126 Lot:

David Weekley Homes Scale:1/8"=1'-0" Rev: 5/31/23 EB

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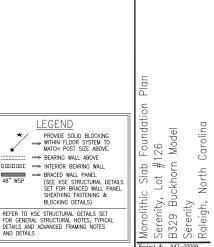
SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

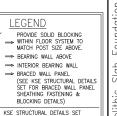
B329-B PLN-2 BUCKHORN RALEIGH



KSE

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AND DETAILS

Project #: 047-20009 Designed By: JPS Checked By: Issue Date: 12/4/23

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

Carolina

MONOLITHIC SLAB FOUNDATION PLAN

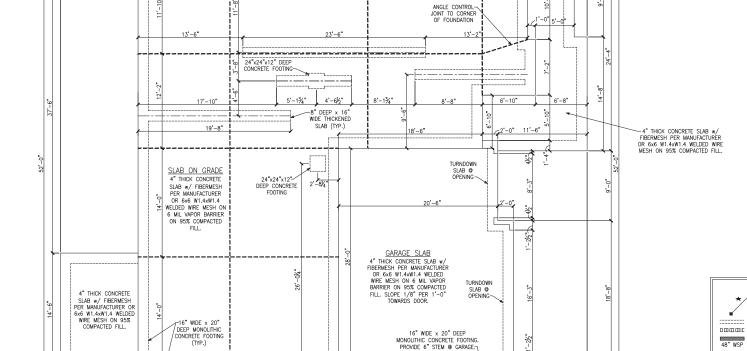
48'-4"

67'-10"

14'-0"

25'-10"





17'-9'

LINE OF RECESSED SHOWER, SEE -ARCHITECTURAL PLANS.

5'-10"

14'-9"

16" WIDE x 20" DEEP-FOOTING (TYP.)

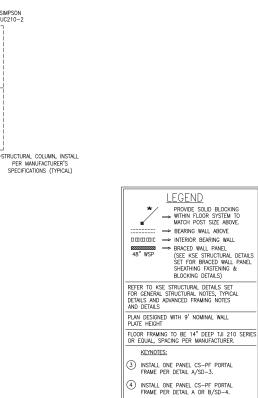
11'-10"

11'-10"

10'-0"

tio.





2x4 LEDGER w/ (2) ROWS 12d -NAILS @ 16" O.C.

匣

GABLE STRUCTURAL END ROOF T

LÝL

<u>~18"</u>

CONT. 4

(2)2×12

CS-PF

ROOF TRUSSES @ 24" O.C.

PER MANUFACTURER'S SPECIFICATIONS (TYPICAL)

SIMPSON HUC210-2

SECOND FLOOR FRAMING PLAN

48" WSP

48" WSP

STUDY

ENTRY

128" GB(2)

FASTEN ROOF GIRDER TRUSS TO WALL TOP

PLATES w/ SIMPSON DSC5L-SDS3

HANCERS PER-TRUSS SUPPLIER

(TYP.)

3 CAR GARAGE

STRUCTURAL GABLE END ROOF TRUSS

RIM BOARD

61/4"

–(2)1¾"x14" LVL FLUSH

ROOF TRUSS VALLEY SET (TYP.)-

ROOF GIRDER TRUSS

HANGERS PER-TRUSS SUPPLIER (TYP.)

START JOIST LAYOUT HERE

12 0 19.2 0.C.

DIMENSION IS

TO REAR FACE OF JOIST

OWNER'S RETREAT

FAMILY

DINING

AT THIS WALL, FASTEN ALL TOP PLATE SPLICES w/ SIMPSON RPS18 STRAPS

HANGERS PER JOIST SUPPLIER (TYP.)

STRUCTURAL COLUMN BY

OTHERS WITH MIN. 3,000 LB. CAPACITY. INSTALL

PER MANUFACTURER'S

INSTRUCTIONS.

SIMPSON— HUC210-2

(TYP.)

(1)2x6 (1)2x6

(1)2x6

(2)2x10

COVERED PORCH

(1)2×10 (1)2x1

OWNER'S

ВАТН

2246

ROOF TRUSSES @ 24" O.C.

(2)1¾"x14" LVL FLUSH

SIMPSON-

U414

TRUSS SUPPLIER (TYP.)

KITCHEN

ROOF TRUSSES @ 24" 0.0

ROOF TRUSSES @ 24" O.C.

@ 24" O.C.

UTIL

__48"_WSP_

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

Plan

Framing

Floor

#126

Lot

Second Fl Serenity, 1 B329 Buc

Checked By: Issue Date: 12/4/23

Model

Buckhorn

Project #: 047-20009 Designed By: JPS

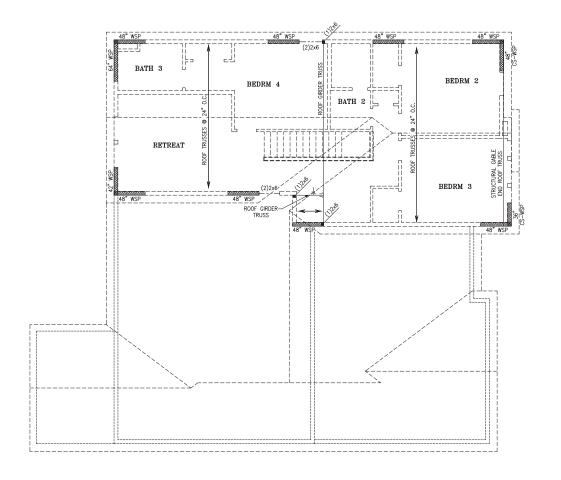
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Serenity Raleigh,

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KSE



ROOF FRAMING PLAN



PROVIDE SOLID BLOCKING

WITHIN FLOOR SYSTEM TO
MATCH POST SIZE ABOVE.

⇒ BEARING WALL ABOVE

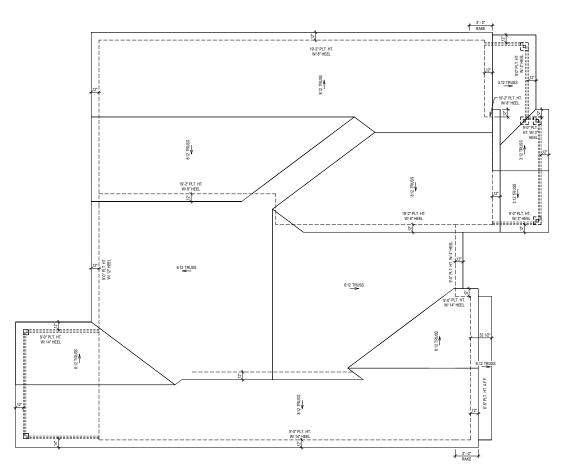
□□□□□□□ → INTERIOR BEARING WALL BRACED WALL PANEL
(SEE KSE STRUCTURAL DETAILS
SET FOR BRACED WALL PANEL
SHEATHING FASTENING &
BLOCKING DETAILS) 48" WSP

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

PLAN DESIGNED WITH 9' NOMINAL WALL PLATE HEIGHT

Roof Framing Plan
Serenity, Lot #126
B329 Buckhorn Model
Serenity
Raleigh, North Carolina Project #: 047-20009
Designed By:JPS
Checked By:
Issue Date: 12/4/23
Re-Issue:
Scale: 1/8"=1"-0" @ 11x17
1/4"=1"-0" @ 22x34





ROOF PLAN

David Weekley Homes Scale:1/8"=1'-0" Rev: 5/31/23 EB CN/NU/IR Date: 09/21/2020

126

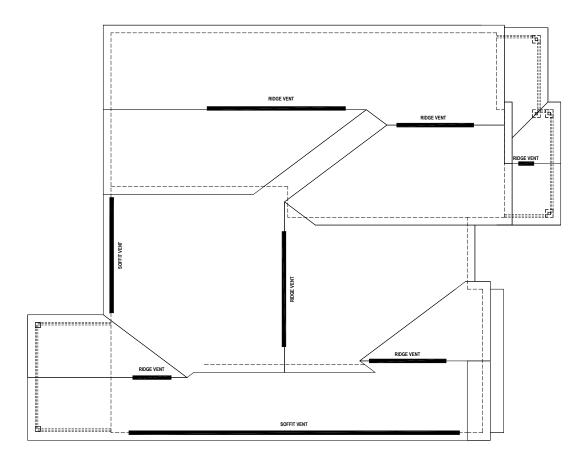
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Proj. No.: 3277 Job No.: 0126

Block: Lot:

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

B329-B RFP-1 BUCKHORN RALEIGH



ROOF VENT CALCULATION: ATTIC SPACE: 2855 SQ.FT.

REQUIRED VENTILATION: 1370 SQ.IN. REQ.

SOFFIT VENT PROVIDED: 58 LINEAL FEET RIDGE VENT PROVIDED: 60 LINEAL FEET AIR HAWK VENT PROVIDED: 0 UNITS

PROVIDED VENTILATION: 1370 SQ.IN.

50-80% IN UPPER PORTION: 79%

F VENT CALCULATION:

Y 3277 Lot. 126 Da V ... Job No.: Block: CNINUIR Sect. Date:

Week key Homes L.P. 202
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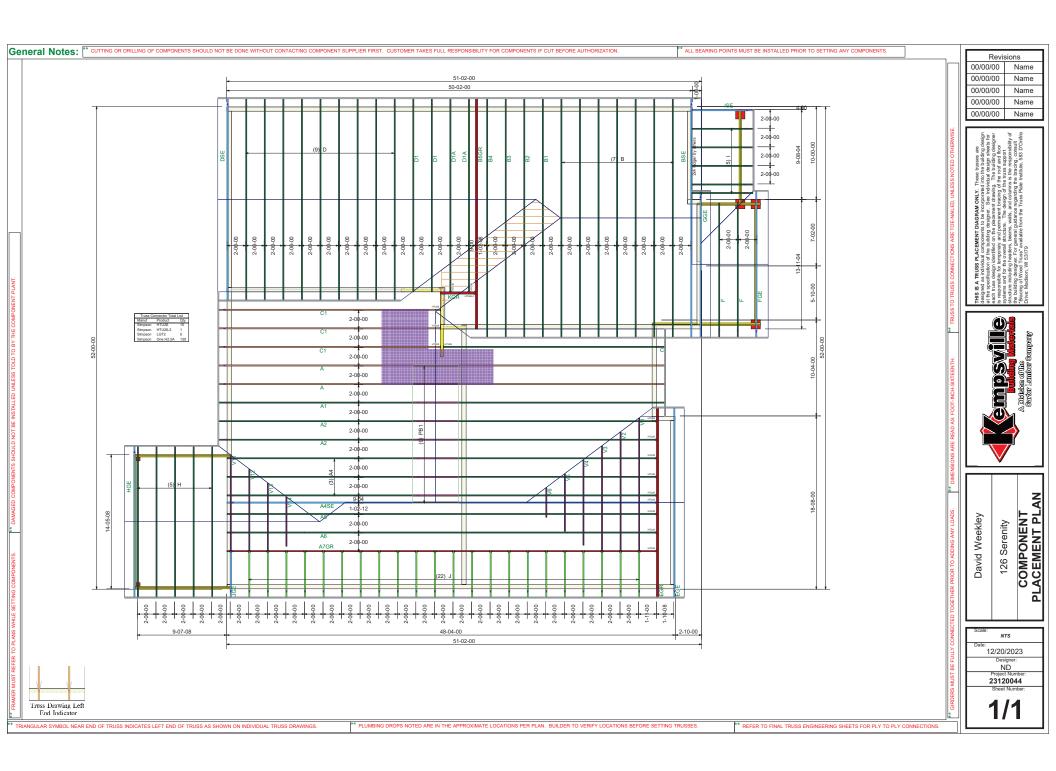
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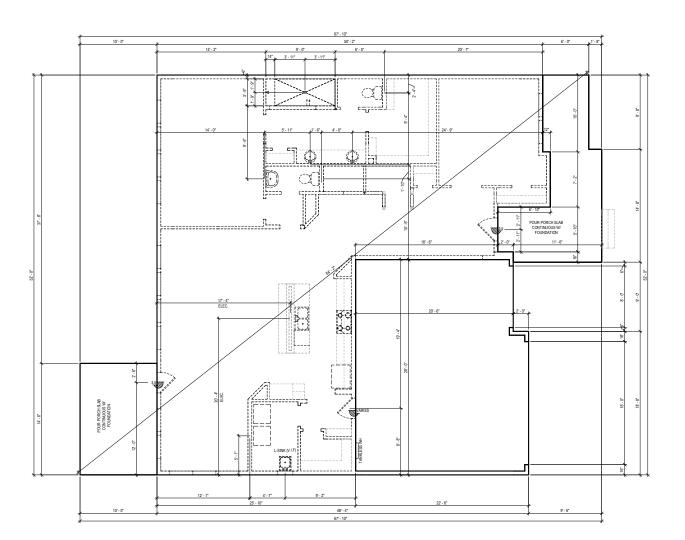
Scale:1/8"=1'-0" Rev: 5/31/23 EB

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH B329-B RFP-2 BUCKHORN RALEIGH

ROOF PLAN CALCS





SEE ENGINEERING FOR ANCHOR BOLT REQUIREMENTS

Week by Homes LP. 2020
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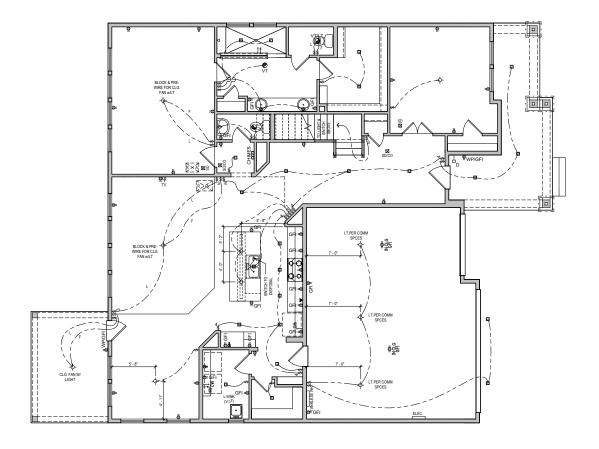
Date: 09/21/2020 | Rev: 5/31/23 EB

3277 Lot: 126 3277 Block: Job No.: Block: 0126 Sect:

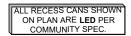
SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH
B329-B
FS-1
BUCKHORN
RALEIGH

FIRST FLOOR



FIRST FLOOR







IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED

MID-ATLANTIC General Notes

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

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 REQUIREMENTS.

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.

2020	peditations construction use ad structure may s a representation b.
Weekley Homes L.P.	The measurements, dimensions, and other specifications shown on this document are guidelines for construction use only. The actual specifications of the finished structure may vary. This document may not be relied on as a representation of what the complemed structure will look like.
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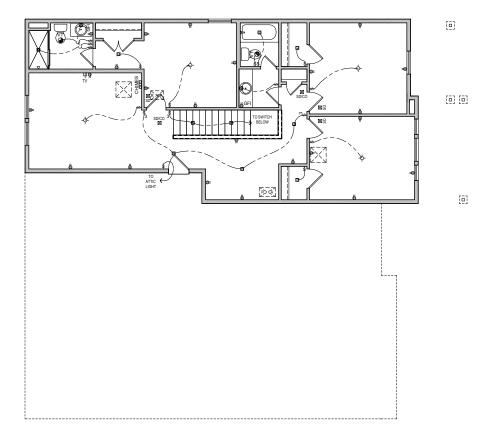
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Weekley Hom	Scale:1/8"=1'-0"	Rev: 5/31/23 EB
David Wee	CN/NU/IR	Date: 09/21/2020

426	Lot: 120	Block.
Proj. No.:	3277	N q

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC





SECOND FLOOR

E3

53

UTILITY LEGEND 6 110V OUTLET 12" A.F.F. (U.N.O.) GFI GROUND FAULT INTERRUPTOR (WEATHER PROOF AS NOTED) RECESS CAN LIGHT (EYEBALL AS NOTED) VT EXHAUST VENT HALF HOT OUTLET SD SMOKE DETECTOR
(CARBON MONOXIDE AS NOTED)
DOOR BELL ▼ PHONE LINE CHIMES DOOR BELL CHIMES
ELEC. PANELBOARD W/ CIRCUIT
HB. BREAKERS
HOSE BIB CABLE TELEVISION \$ STANDARD SWITCH (3 OR 4 WAY AS NOTED) GAS GAS TAP - SURFACE MOUNTED LED DISC LIGHT CW_HW COLD/HOT WATER SUPPLY Q WALL MOUNTED

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 RUIN 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 REQUIREMENTS.

6. LOCATE ELECTRICAL PANEL IN LOCATION CLOSEST TO SERVICE.

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED

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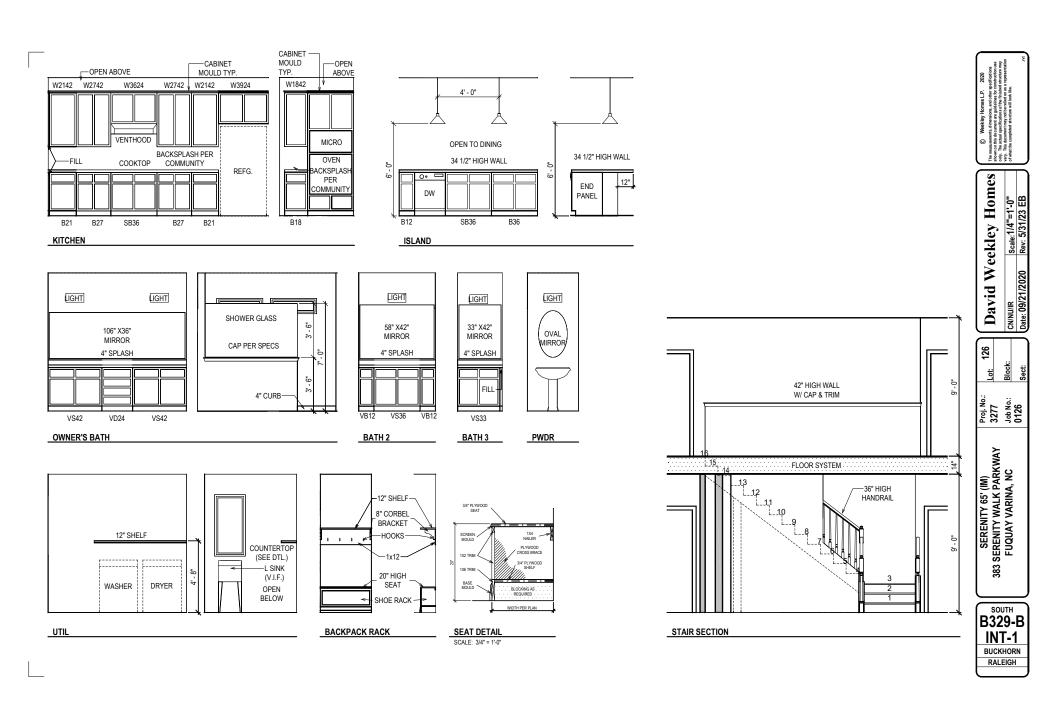
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CN/NU/IR Date: 09/21/2020 126 Lot:

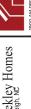
Proj. No.: 3277 Job No.: 0126

SERENITY 65' (IM) 383 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH B329-B ELE-2 BUCKHORN RALEIGH

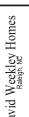








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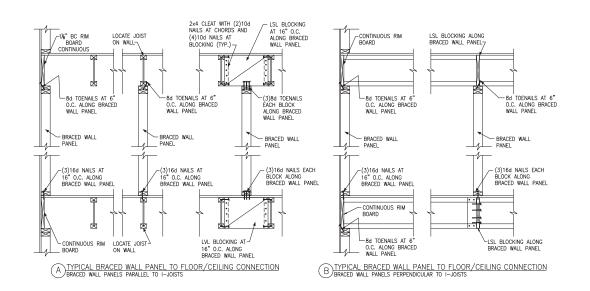
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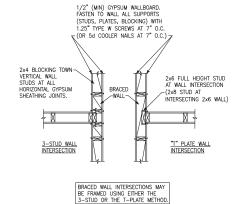
North



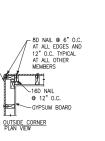
Checked By: Issue Date: 12/4/23 Re-Issue:

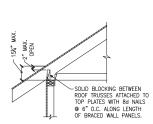
Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

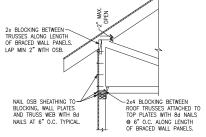




© METHOD GB(1) AND GB(2) INTERSECTION DETAILS







HEEL HEIGHT GREATER THAN 91/4" AND LESS THAN 151/4"

HEEL HEIGHT GREATER 15"

D TYPICAL EXTERIOR CORNER WALL FRAMING

EXTERIOR SHEATHING

GYPSUM BOARD

16D NAIL

@ 12" 0.0 EXTERIOR SHEATHING-

INSIDE CORNER PLAN VIEW

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

-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET

(D)HOLD DOWN AT MONOLITHIC SLAB

HOLD DOWN SCHEDULE

FASTENERS

(18)16dx2½" LONG NAILS

(10)10d NAILS

ALL TREAD ROD

兆" DIA.

%" DIA.

%" DIA.

HOLD DOWN

USF

LTS20B

HTT16

HTT45

SIMPSON

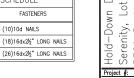
LTTP2

HTT4

HTT5

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

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





Hold-Down Details Serenity, Lot #126 B329 Buckhorn Moc Serenity Raleigh, North Caro

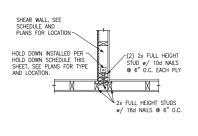
Project #: 047-20009

Designed By: JPS

Checked By: Issue Date: 12/4/23

iity, Lot #126 Buckhorn Model





A TYPICAL HOLD DOWN DETAIL

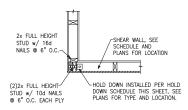
E HOLD DOWN AT CRAWL FOUNDATION

A36 ALL THREAD ROD-

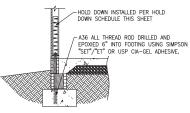
SIMPSON CNW1/2 OR USP CNW12-ZAP

GRUBLE BANDUSOLID AT ALL THREAD ROD-

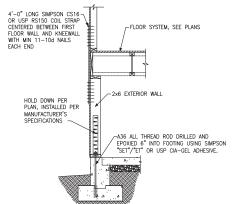
-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET



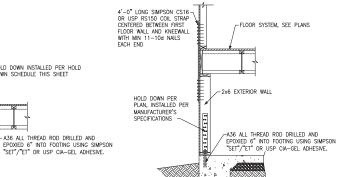
B TYPICAL HOLD DOWN DETAIL



(C)HOLD DOWN AT STEMWALL SLAB







F HOLD DOWN AT FOUNDATION MONOLITHIC TURN-DOWN

G HOLD DOWN AT FOUNDATION STEM WALL	

Detail

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Notes

Wall

Braced W Serenity, B329 Buc leigh, Serenity Raj Project #: 047-20009

Designed By: JPS Checked By: Issue Date: 12/4/23

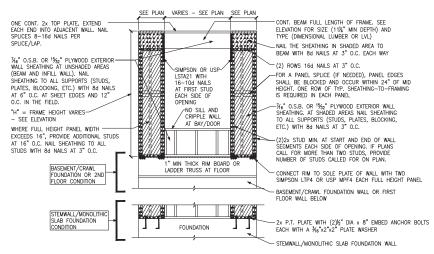
Re-Issue:

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

SEE PLAN VARIES - SEE PLAN SEE PLAN ONE CONT. 2x TOP PLATE, EXTEND CONT. BEAM FULL LENGTH OF FRAME. SEE EACH END INTO ADJACENT WALL ELEVATION FOR SIZE (111/4" MIN DEPTH) AND NAIL SPLICES WITH 8-16d NAILS TYPE (DIMENSIONAL LUMBER OR LVL) PER SPLICE/LAP. NAIL THE SHEATHING IN SHADED AREA TO BEAM WITH 8d NAILS AT 3" O.C. EACH WAY $\%_6$ " O.S.B. OR $^1\%_2$ " PLYWOOD EXTERIOR WALL SHEATHING AT UNSHADED AREAS (2) ROWS 16d NAILS AT 3" O.C. SIMPSON OR LISE FOR A PANEL SPLICE (IF NEEDED), PANEL EDGES
SHALL BE BLOCKED AND OCCUR WITHIN 24" OF MID
HEIGHT. ONE ROW OF TYP. SHEATHING-TO-FRAMING (BEAM AND INFILL WALL), NAIL SHEATHING TO ALL SUPPORTS (STUDS, 16-10d NAILS PLATES, BLOCKING, ETC.) WITH 8d NAILS AT 6" O.C. AT SHEET EDGES AND 12" AT FIRST STUD EACH SIDE OF $\%_6$ " O.S.B. OR $^{1}\%_2$ " PLYWOOD EXTERIOR WALL SHEATHING. AT SHADED AREAS NAIL SHEATHING TO ALL SUPPORTS (STUDS, PLATES, BLOCKING, O.C. IN THE FIELD. OPENING ~NO SILL AND CRIPPLE WALL "H" = FRAME HEIGHT VARIES-- SEE ELEVATION AT BAY/DOOR ETC.) WITH 8d NAILS AT 3" O.C. (2)2x STUD MIN. AT START AND END OF WALL SEGMENTS EACH SIDE OF OPENING. IF PLANS CALL FOR MORE THAN TWO STUDS, PROVIDE SIMPSON LTP4 OR USP MPF4 NUMBER OF STUDS CALLED FOR ON PLAN. " MIN THICK RIM BOARD OR BASEMENT/CRAWL FOUNDATION OR 2ND CONNECT RIM TO SOLE PLATE OF WALL WITH TWO SIMPSON LTP4 OR USP MPF4 EACH FULL HEIGHT PANEL LADDER TRUSS AT FLOOR FLOOR CONDITION - BASEMENT/CRAWL FOUNDATION WALL OR FIRST FLOOR WALL BELOW STEMWALL /MONOLITHIC $-2 \times$ P.T. PLATE WITH $(2) \frac{1}{2}$ " DIA \times 8" EMBED ANCHOR BOLTS EACH WITH A $\frac{1}{16}$ " \times 2" PLATE WASHER SLAB FOUNDATION CONDITION FOUNDATION

STEMWALL/MONOLITHIC SLAB FOUNDATION WALL

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

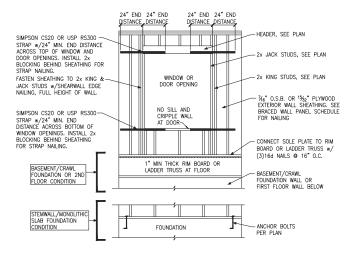


B METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION TWO BRACED WALL SEGMENTS

BRACED WALL PANEL AND ENGINEERED SHEAR WALL SCHEDULE							
PANEL TYPES PANEL TYPE MA			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</u> <u>STAPLES AT 3" o.c. at sheet edges and 6" o.c. at intermediate supports</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. ENGINEERED ALTERNATIVE: 16 GAGE BY 1.75" LONG STAPLES AT 3" O.C. AT SHEET EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS				
CS-PF	CONTINUOUS SHEATHED PORTAL FRAME	7/16" OSB	NAILING PER DETAIL				
CS-EPF	PORTAL FRAME WITH HOLD DOWNS	7/16" OSB	NAILING PER DETAIL				
CS-ESW(1)	ENGINEERED SHEAR WALL, TYPE 1	7/16" OSB	8d COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS				
CS-ESW(2)	ENGINEERED SHEAR WALL, TYPE 2	7/16" OSB	8d COMMON NAILS AT 4" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS				
CS-ESW(3)	ENGINEERED SHEAR WALL, TYPE 3	7/16" OSB	8d COMMON NAILS AT 3" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS				

BRACED WALL PANEL NOTES:

- ALL BRACED WALL PANELS, EXCEPT GB(1) & GB(2), SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES.
- PROVIDE NAILING/BLOCKING ABOVE AND BELOW ALL BRACED WALL PANELS PER KSE BRACED WALL DETAILS.
- SHEATH ALL EXTERIOR WALLS OF THE HOUSE WITH 1/46" O.S.B., OR 15/32" 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 DETAILS.
- 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

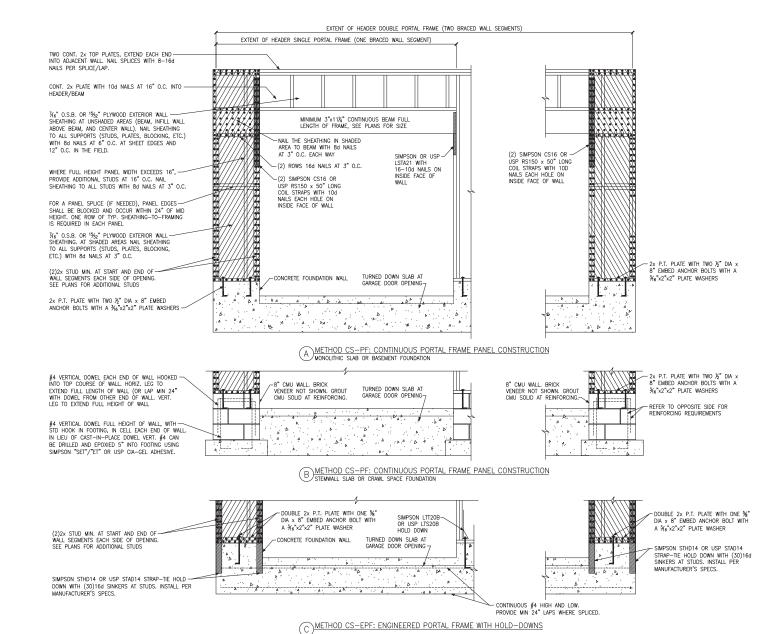


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Model Details ity, Lot #126 Buckhorn Mod Frame Serenity, B329 Bud Serenity Raleigh, Portal Project #: 047-20009 Designed By: JPS

Carolina

North

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

Issue Date: 12/4/23 Re-Issue:

Checked By:





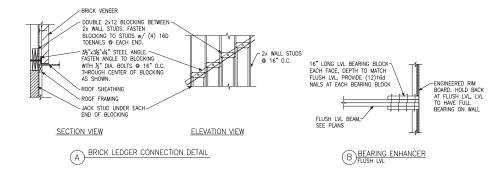


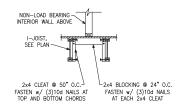




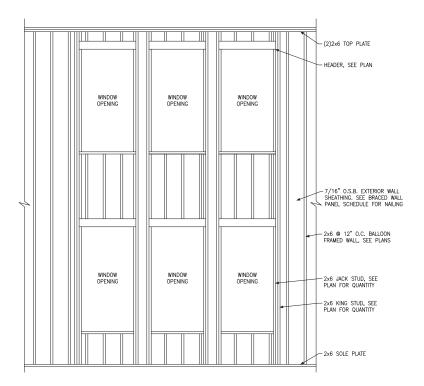
Project #: 047-20009
Designed By: JPS
Checked By:
Issue Date: 12/4/23

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





C I-JOIST LADDER BLOCKING
AS REQUIRED @ PARALLEL WALLS



DBALLOON FRAMED WALL DETAIL N.T.S.

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

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Framing ity, Lot #126 Buckhorn Moc Miscellaneous I Serenity, Lot # B329 Buckhorr

Detail

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

Issue Date: 12/4/23 Re-Issue:

Project #: 047-20009 Designed By: JPS Checked By:

Serenity Raleigh,

STUDS w/(2) ROWS SIMPSON SDS1/4×31/2" 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.

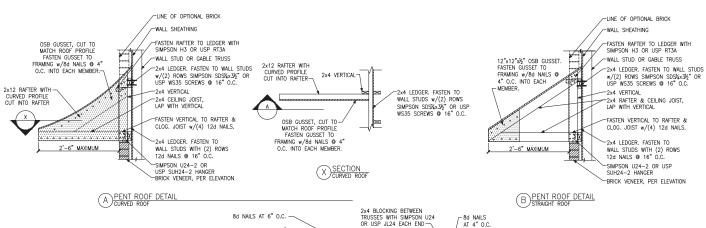
-WALL STUD OR GABLE TRUSS

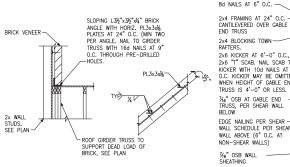
TOENAIL RAFTER TO LEDGER

-2x4 LEDGER, FASTEN TO WALL

WITH (4) 12d NAILS

C EYEBROW ROOF DETAIL STRAIGHT ROOF





2x4 BLOCKING TOWN RAFTERS. -SIMPSON LTP4 EVERY 2x6 KICKER AT 6'-0" O.C., WITH-2x6 "T" SCAB. NAIL SCAB TO (5) 10d-KICKER WITH 10d NAILS AT 6"
O.C. KICKER MAY BE OMITTED
WHEN HEIGHT OF GABLE END
TRUSS IS 4'-0" OR LESS. NAILS %6" OSB AT GABLE END TRUSS, PER SHEAR WALL BELOW EDGE NAILING PER SHEAR — WALL SCHEDULE PER SHEAR (2) SIMPSON GB OR USP ROOF TRUSSES HC520 EACH KICKER AT 24" O.C. WALL ABOVE (6" O.C. AT NON-SHEAR WALLS) SIMPSON A35 OR USP MPA1 SPACED PER SHEAR WALL BELOW ENTIRE GABLE END %6" OSB WALL SHEATHING

AT 4" O.C.

(E) GABLE END WALL DETAIL

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Details

Foundation

Slab

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

Re-Issue:

Project #: 047-20009 Designed By: JPS Checked By:

Issue Date: 12/4/23

Monolithic

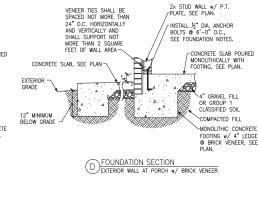
Serenity, B329 Bud

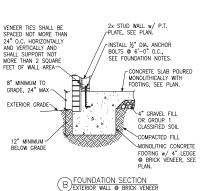
North Raleigh,





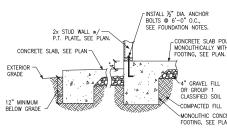




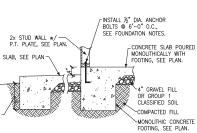


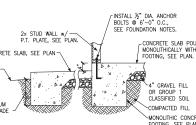
VENEER TIES SHALL BE SPACED NOT MORE THAN

24" O.C. HORIZONTALLY

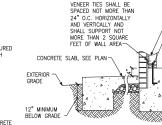


C FOUNDATION SECTION EXTERIOR WALL AT PORCH











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

8" MINIMUM TO

GRADE, 24" MAX

12" MINIMUM~ BELOW GRADE

EXTERIOR GRADE \

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

SEE FOUNDATION NOTES.

CONCRETE SLAB POURED MONOLITHICALLY WITH FOOTING, SEE PLAN.

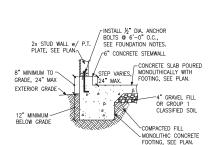
4" GRAVEL FILL OR GROUP 1

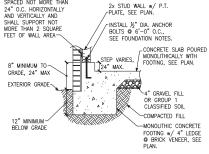
CLASSIFIED SOIL

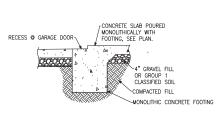
COMPACTED FILL

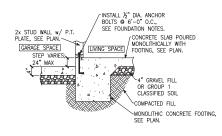
-MONOLITHIC CONCRETE

FOOTING, SEE PLAN.







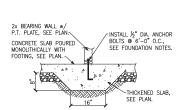


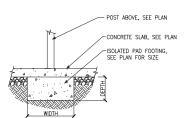
H)THICKENED SLAB

FOUNDATION SECTION EXTERIOR GARAGE WALL @ BRICK VENEER



E)FOUNDATION SECTION EXTERIOR GARAGE WALL





ISOLATED PAD FOOTING INTERIOR COLUMN

THICKENED SLAB SECTION (J)INTERIOR BEARING WALL



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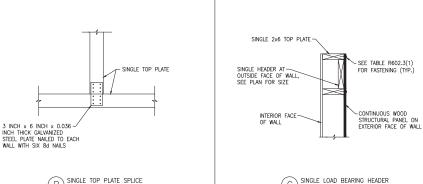


1/4"=1'-0" @ 22x34



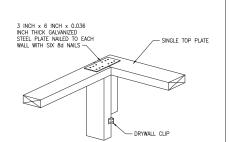
3 INCH x 6 INCH x 0.036 INCH THICK GALVANIZED
STEEL PLATE NAILED TO EACH

PLATE WITH SIX 8d NAILS









SINGLE TOP PLATE SPLICE

WALL INTERSECTION

3 INCH x 6 INCH x 0.036 -INCH THICK GALVANIZED

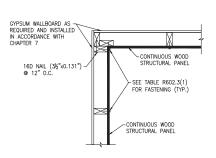
CONTINUOUS WOOD

SEE TABLE R602 3(1)

STEEL PLATE NAILED TO EACH WALL WITH SIX 8d NAILS

SINGLE TOP PLATE

SINGLE TOP PLATE SPLICE



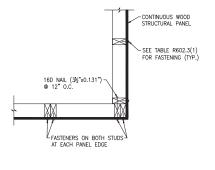
SINGLE TOP PLATE SPLICE

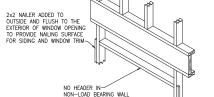
WALL INTERSECTION

-DRYWALI CLIP

INTERIOR FRAMING

TYPICAL EXTERIOR CORNER FRAMING INSIDE CORNER DETAIL





NON-LOAD BEARING HEADER (G) NUIN-LUIN L EXTERIOR WALL

TYPICAL EXTERIOR CORNER FRAMING GARAGE DOOR CORNER DETAIL

Checked By: Re-Issue:

STRUCTURAL PANEL SEE TABLE R602.3(1) FOR FASTENING (TYP.) GYPSUM WALLBOARD AS REQUIRED AND INSTALLED IN 16D NAIL (3½"x0.131") -ACCORDANCE WITH CHAPTER 7 @ 12" O.C. - DRYWALL CLIP

CONTINUOUS WOOD

STRUCTURAL PANEL

TYPICAL EXTERIOR CORNER FRAMING OUTSIDE CORNER DETAIL

Notes

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Details

Framing

ADVANCED FRAMING NOTES

SINGLE TOP PLATE SPLICE

INTERIOR OR EXTERIOR WALL

24" O.C. WITH SINGLE TOP PLATE, TOP PLATE TO BE SPLICED PER NC RESIDENTIAL CODE. 2.) INTERIOR BEARING WALLS TO BE PER NO RESIDENTIAL CODE.

1.) EXTERIOR WALLS TO BE 2x6 S.P.F. STUDS @

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

SINGLE TOP PLATE. SPLICE OVER STUD

-SINGLE TOP PLATE, SPLICE OVER STUD

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.