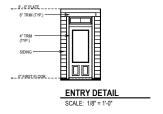
PROVIDE HANDRAIL WHEN REQUIRED BY CODE









REAR ELEVATION

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC SOUTH B328-B ELV-1 KINTON

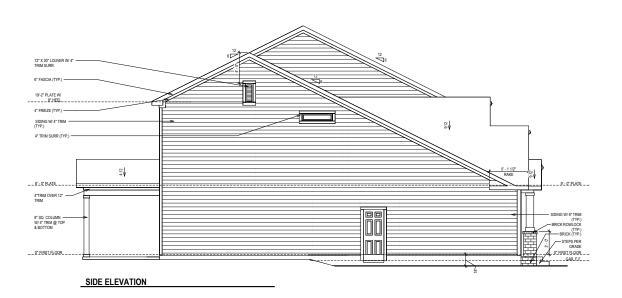
RALEIGH

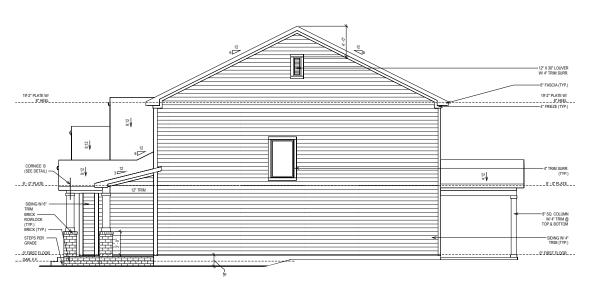
Scale:1/8"=1'-0" Rev: 10/14/2024 EB

CN/NU/SG Date: 9/30/2020

Block: Lot:

Proj. No.: 3277 Job No.: 0899





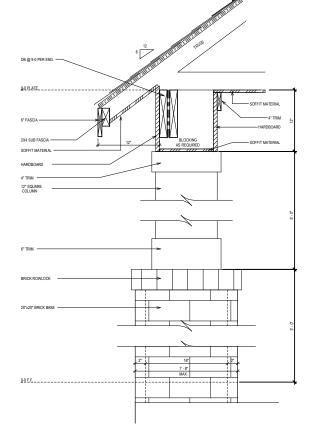
SIDE ELEVATION

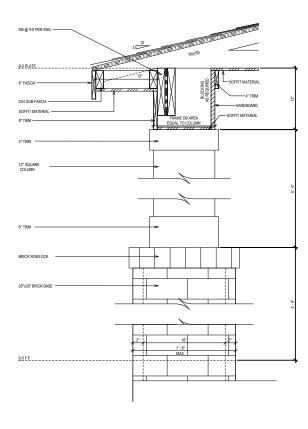
d Weekley Homes

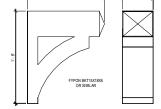
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David W		CN/NU/SG	Date: 9/30/2020
Lot: 899		Block:	Sect:
Proj. No.:	3211	Job No.:	6680
SERENITY 65'	1034 SERENITY WALK PARKWAY	FUQUAY VARINA, NC	

=
SOUTH
B328-B
E1 1/ 2
ELV-Z
KINTON
RALEIGH







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

SCALE: 1" = 1'-0"

CORNICE DETAIL "A"

SCALE: 1" = 1'-0"

David Weekley Homes Scale:1/8"=1'-0" Rev: 10/14/2024 EB CN/NU/SG Date: 9/30/2020 899 Block: Lot: Proj. No.: 3277 Job No.: 0899

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

воитн В328-В ELV-3 KINTON RALEIGH

SHEET INDEX:

- COVER SHEET
- S-0.1 GENERAL STRUCTURAL NOTES
- MONOLITHIC SLAB FOUNDATION PLAN
- SECOND FLOOR FRAMING PLAN
- ROOF FRAMING PLAN S-3
- SD-1 BRACED WALL DETAILS
- 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
- MONOLITHIC SLAB FOUNDATION DETAILS SD-7
- SD-8 SD-9
- NOT USED 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

B328 KINTON

SERENITY, LOT #899

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



David Weekley Homes

Carolina #899 Model North Cover Sheet Serenity, Lot B328 Kinton 1 115 M.P.H. Raleigh, North

Project #: 047-20008

Designed By: JPS Checked By: Issue Date: 6/2/25

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.
- METHODS, OR TECHNIQUES IN CONNECTION WITH THE CONSTRUCTION OF THIS 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 REVIEW DRAWINGS WILL BE REVIEWED FOR OVERALL COMPLIANCE AS IT RELATES TO 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 FINDINGSTRING. P.C. BEFORE CONSTRUCTION FROM. 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. 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.

10. 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 48 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/TMS 402 AND "SPECIFICATIONS FOR MASONRY STRUCTURES" ACI 530.1 / ASCE 6/TMS 602

SPECIFICATIONS FOR MASONRY STRUCTURES ACT 530.17 ASCE 6/IMS 802. THE UNSUPPORTED HEIGHT OF SOLID MASONRY PIERS SHALL NOT EXCEED TEN TIMES THEIR LEAST DIMENSION. UNFILLED HOLLOW PIERS MAY BE USED IF THE UNSUPPORTED HEIGHT IS NOT MORE THAN FOUR TIMES THEIR LEAST DIMENSION

EACH CRAWL SPACE PIER SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE FOOTING AND EACH GIRDER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS. PILASTERS TO BE BONDED TO PERIMETER FOUNDATION WALL

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'

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 LINERS 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 48" 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 THERWISE 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 PUTTOR COMMERCIES WOOD TRUSS. DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION"

THE TRUSS MANUFACTURER SHALL PROVIDE ADEQUATE BRACIN INFORMATION IN ACCORDANCE WITH "BUILDING COMPONENT SAFETY INFORMATION GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES' (BCSI) 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 DURING CONSTRUCTION. AT A MINIMUM, CONTRACTOR SHALL FOLLOW THE REQUIREMENTS OF THE LATEST BCSI. THE CONTRACTOR SHALL KEEP A COPY OF THE BCSI SUMMARY SHEETS ON SITE.

THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PERMANENT THE CONTROLLOR RESPONSIBLE FOR HISTAGLING ALL PERMANENT TRUSS BRACING SHOWN IN THE STRUCTURAL DRAWINGS AND IN THE TRUSS DESIGNS. ALL CONTINUOUS LATERAL BRACING OF WEBS REQUIRES BRACES, REFET TO BCSI SUMMARY SHEET BS 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 MINIMUM AT BRACED 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 8d 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 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) 10d 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 FRAMING SPACING PROVIDE SLITABLE EDGE SUPPORT BY LISE OF 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 AFA 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 AFA.

STRUCTURAL STEEL:

1. STRUCTURAL SITEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND OF THE MANUAL OF STEEL CONSTRUCTION "LOAD RESISTANCE FACTOR DESIGN" LATEST EDITIONS ALL STEEL SHALL HAVE A MINIMUM YIELD STRESS (F.,) OF 50 KSI

UNLESS OTHERWISE NOTED.
WELDING SHALL CONFORM TO THE LATEST EDITION OF THE

AMERICAN WELDING SOCIETY'S STRUCTURAL WELDING CODE AWA D1.1 ELECTRODES FOR SHOP AND FIELDING WELDING SHALL BE CLASS 570XX. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER PER THE ABOVE STANDARDS. ALL STEEL BEAMS TO BE SUPPORTED AT EACH END WITH A

MINIMUM BEARING LENGTH OF 38" AND FULL FLANGE WIDTH UNLESS OTHERWISE NOTED. BEAMS MUST BE ATTACHED AT EACH END WITH A MINIMUM OF FOUR 16d NAILS OR (2) 35" x 4" LAG SCREWS

UNLESS OTHERWISE NOTED.
INSTALL 2x WOOD PLATE ON TOP OF STEEL BEAMS, RIPPED TO MATCH BEAM WIDTH, FASTEN PLATE TO BEAM w/ HILTI X-DNI 52 P8 PINS AT 12" O.C. STAGGERED OR 1/2" DIAMETER BOLTS AT 24"

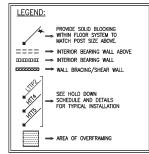
MECHANICAL FASTENERS

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 SC	HEDULE			
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"		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.					



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Homes

Weekley I

IEERING KERTOWN, PA 18951 (215) 804-4449

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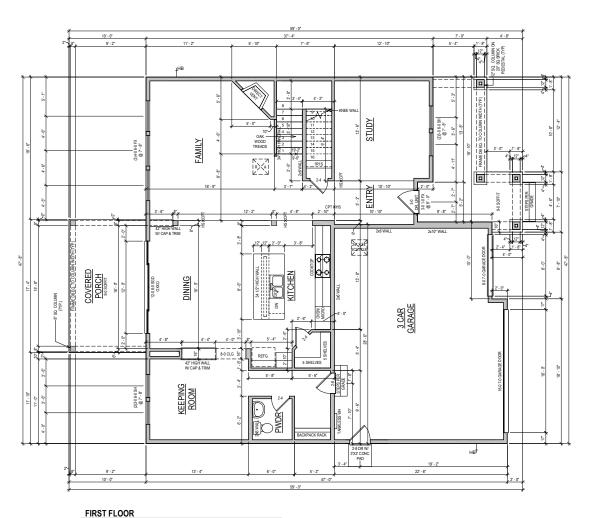
General

Carolina

gh,

Designed By: JPS Checked By: Issue Date: 6/2/25 Re-Issue: Scale: 1/8"=1'-0" @ 11v17 1/4"=1'-0" @ 22x34

Project #: 047-20008



GENERAL REQUIREMENTS

RAILING REQUIREMENTS
FINISHED HANDRAIL REQUIRED AT STAIRS WITH 4 OR MORE RISERS

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

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

 Week key Homes L.P. 202
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PERIMETER WALLS & ALL INSULATED
WALLS LINI ESS NOTED OTHERWISE

David Weekley Homes Scale:1/8"=1'-0" Rev: 10/14/2024 EB CN/NU/SG Date: 9/30/2020

83 Lot:

Block: Proj. No.: 3277 Job No.: 0899

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

800TH **B328-B** PLN-1 KINTON RALEIGH

DPTION LIST	TRAY CEILING @OWNER'S RETREAT	SOPEK SHOWEK SGD @DINING	FREE-STANDING UTILITY SINK			
6	1	KALLING @ 1ST FLOOK STAIKS FIREPLACE @ FAMILY	COOKTOP KITCHEN	COVERED PORCH BACKPACK RACK	P.8 SERVICE DOOR END SINK @ BATH 2	
L	HAR	FIRE	000	BAC	2-8 SI 2ND S	J
PI	AI.			_	2-8 SI 2ND S	J -
				_	2.8 SI 2ND 5)
LIVING				_		<u></u>
LIVING 1ST FLOOR				_	1408 SF	J
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING				_)
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB				_	1408 SF 1420 SF	<u> </u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR				_	1408 SF 1420 SF 2828 SF	<u> </u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH				_	1408 SF 1420 SF 2828 SF 1408 SF	<u> </u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 178 SF)
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH FRONT PORCH				_	1408 SF 1420 SF 2828 SF 1408 SF	<u></u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH FRONT PORCH GARAGE TOTAL SLAB FRAMING				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 178 SF 620 SF 2379 SF	<u> </u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH FRONT PORCH GARAGE TOTAL SLAB FRAMING 1ST FLOOR				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 178 SF 620 SF 2379 SF	
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH FRONT PORCH GARAGE TOTAL SLAB FRAMING 2ND FLOOR 2ND FLOOR				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 178 SF 620 SF 2379 SF 1408 SF 1349 SF	<u> </u>
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH GARAGE TOTAL SLAB FRAMING 1ST FLOOR 2ND FLOOR COVERED PORCH				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 620 SF 2379 SF 1408 SF 1349 SF 173 SF)
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH FRONT PORCH GARAGE TOTAL SLAB FRAMING 2ND FLOOR 2ND FLOOR COVERED PORCH FRONT PORCH FRAMING				_	1408 SF 1420 SF 2628 SF 1408 SF 173 SF 173 SF 620 SF 620 SF 1349 SF 1349 SF 173 SF 173 SF	J
LIVING 1ST FLOOR 2ND FLOOR TOTAL LIVING SLAB 1ST FLOOR COVERED PORCH GARAGE TOTAL SLAB FRAMING 1ST FLOOR 2ND FLOOR COVERED PORCH				_	1408 SF 1420 SF 2828 SF 1408 SF 173 SF 620 SF 2379 SF 1408 SF 1349 SF 173 SF	J

BEDRM 3 BEDRM 2 [6] (b) BATH 2 RETREAT (2)3-6 5-0 SH @ 7 - Z [0] DISP. STAIRS OWNER'S RETREAT (4)3-05-0SH @7-2*

E3

[3

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

CN/NU/SG Date: 9/30/2020 839 Lot:

Week ley Homes L.P.
The measurements, almention, and other goe above on this document are guidelines for cor only. The actual specifications of the finished vary. This document may not be trelied on as a city what the completed is entiremed.

Scale:1/8"=1'-0" Rev: 10/14/2024 EB

David Weekley Homes

Block: Proj. No.: 3277 Job No.: 0899

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

B328-B PLN-2 KINTON RALEIGH







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)

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

KEYNOTES:

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

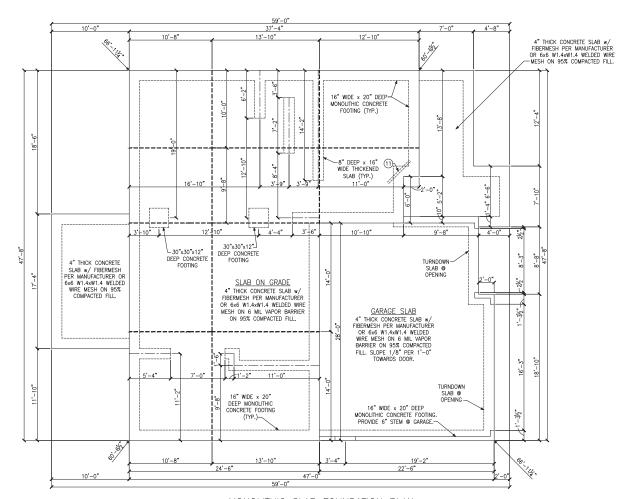
Monolithic Slab Foundation P Serenity, Lot #899 8 B328 Kinton Model 115 M.P.H. Project #: 047-20008

Plan

Designed By: JPS
Checked By:
Issue Date: 6/2/25
Re-Issue:

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

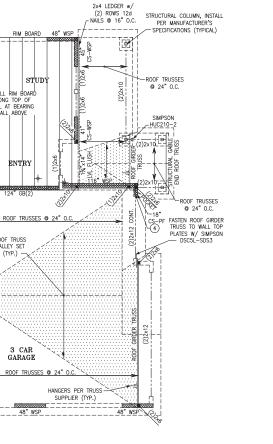






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KSE



SECOND FLOOR FRAMING PLAN

START JOIST LAYOUT HERE

© 19.2" O.C. >
DIMENSION IS
TO REAR FACE

OF JOIST

RIM BOARD

FAMILY

HANGER PER

(2)1¾"×14" LVL FLUSH

DINING

KEEPING

ROOM

RIM BOARD

48" WSP

JOIST SUPPLIER (TYP.) -

48" WSP

48" WSP

(1)2×10

(1)2×10

(1)2×10

SIMPSON HUC210-2

(TYP.) -

STRUCTURAL COLUMN BY OTHERS WITH MIN. 5,000 LB. CAPACITY. INSTALL PER

MANUFACTURER'S INSTRUCTIONS.

COVERED

PORCH

2x6 @ 12" O.C. BALLOON FRAMED WALL

RIM BOARD

STUDY

INSTALL RIM BOARD ALONG TOP OF WALL AT BEARING

ENTRY

ROOF TRUSS VALLEY SET

3 CAR

GARAGE

48" WSP

— WALL ABOVE

DOUBLE JOIST © BEARING WALL ABOVE

DOUBLE JOIST

KITCHEN

PWDR

48" WSP



PROVIDE SOLID BLOCKING

WITHIN FLOOR SYSTEM TO

MATCH POST SIZE ABOVE. ⇒ BEARING WALL ABOVE

→ INTERIOR BEARING WALL ⇒ BRACED WALL PANEL 48" WSP

(SEE KSE STRUCTURAL DETAILS SET FOR BRACED WALL PANEL SHEATHING FASTENING & BLOCKING DETAILS)

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

PLAN DESIGNED WITH 9' NOMINAL WALL PLATE HEIGHT

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

KEYNOTES:

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

Framing #899 Model Second Floor Fr Serenity, Lot #8 B328 Kinton Mo 115 M.P.H. Raleigh, North (

Plan

Project #: 047-20008 Designed By: JPS Checked By:

Issue Date: 6/2/25 Re-Issue:

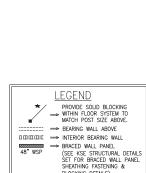
Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

Carolina



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

PLAN DESIGNED WITH 9' NOMINAL WALL PLATE HEIGHT



Roof Framing Plan
Serenity, Lot #899
8328 Kinton Model
115 M.P.H.
Raleigh, North Carolina Project #: 047-20008 Designed By: JPS
Checked By:
Issue Date: 6/2/25
Re-Issue: Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

2x6 @ 12" O.C. BALLOON FRAMED WALL

UTIL

OWNER'S

BATH

48" WSP

48" WSP

BEDRM 2

BATH 2

48" WSP 48" WSP

48" WSP

(1)2x6 (1)2x6

48" WSP

BEDRM 3

RETREAT

OWNER'S

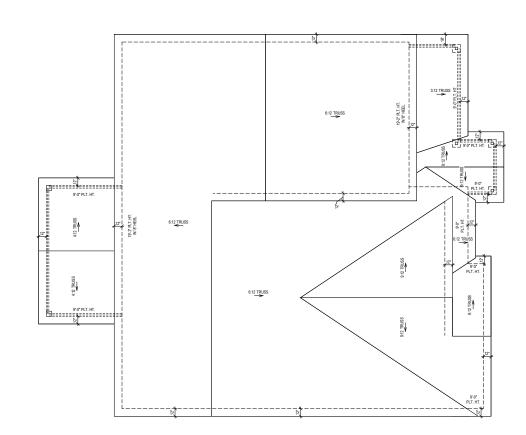
RETREAT

ROOF TRUSSES @ 24" O.C

ROOF TRUSSES @ 24" O.C.

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

STRUCTURAL GABLE END ROOF TRUSS



ROOF PLAN

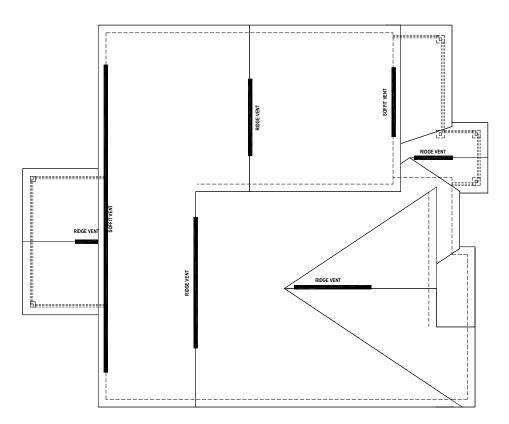
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ARKWAY 3277 Lot: 899

NC Job No.: Block:
0899 Sect:

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH B328-B RFP-1 KINTON RALEIGH



ROOF PLAN

ROOF VENT CALCULATION:

PROVIDED VENTILATION: 1145 SQ.IN.

50-80% IN UPPER PORTION: 79%

ATTIC SPACE: 2379 SQ.FT. REQUIRED VENTILATION: 1142 SQ.IN. REQ.

SOFFIT VENT PROVIDED: 49 LINEAL FEET RIDGE VENT PROVIDED: 50 LINEAL FEET AIR HAWK VENT PROVIDED: 0 UNITS

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CN/NU/SG Date:

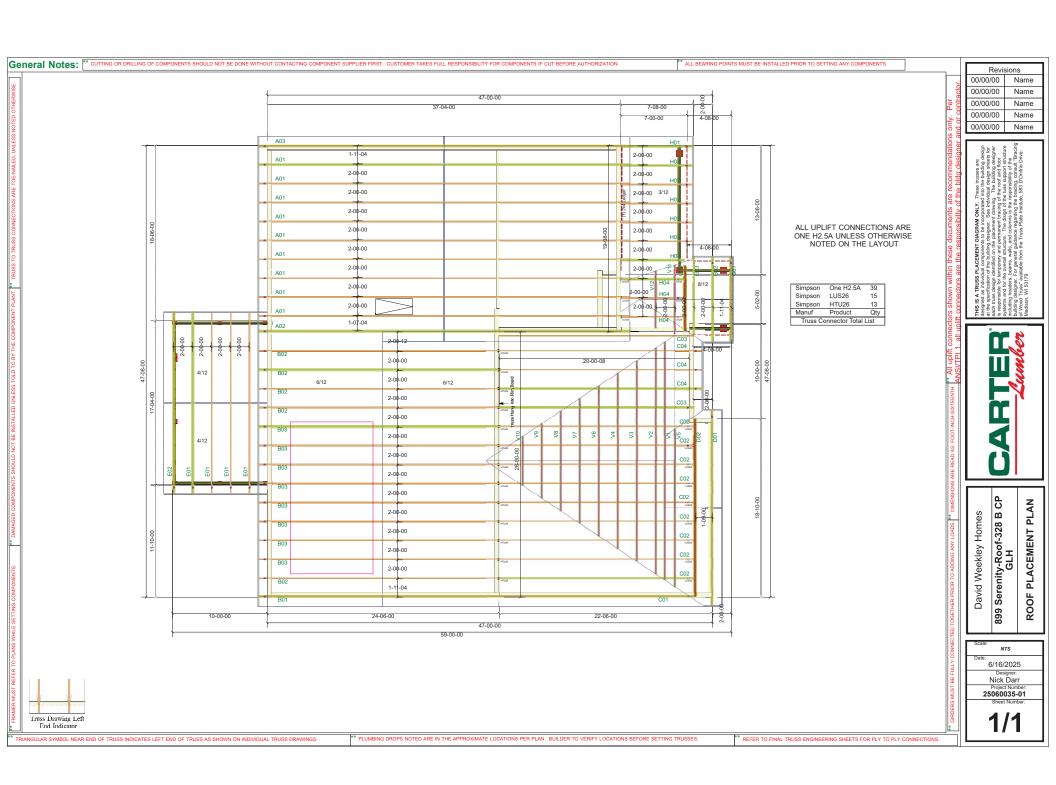
Proj. No.: 3277 Job No.: 0899 SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

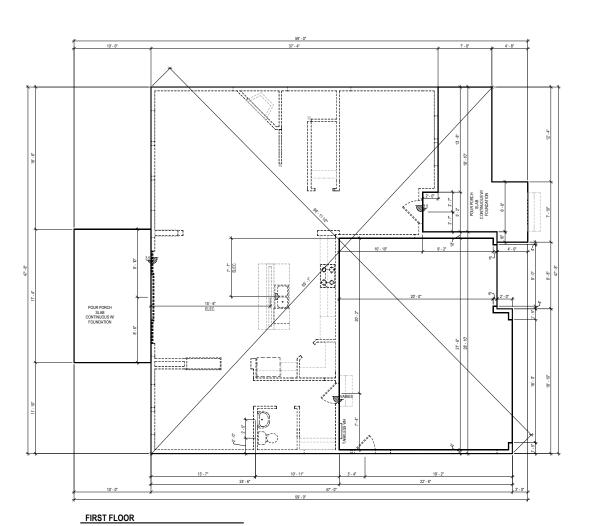
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Lot:

B328-B RFP-2 KINTON

RALEIGH





SEE ENGINEERING FOR ANCHOR BOLT REQUIREMENTS

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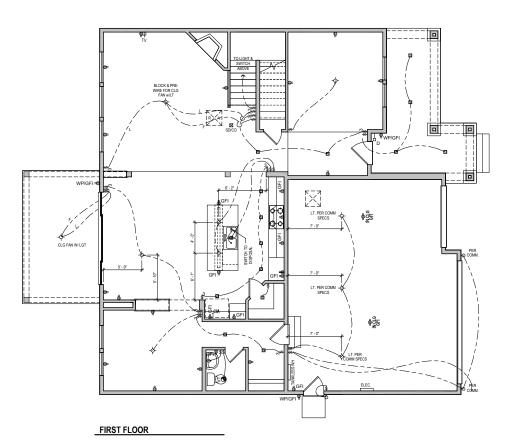
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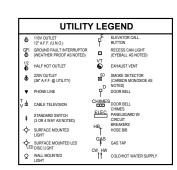
 Date: 9/30/2020
 Rev: 10/14/2024 EB

3277 Lot: 899 3277 Block: 0899 Sect:

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

SOUTH
B328-B
FS-1
KINTON
RALEIGH





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

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED Week key Homes L.P. 2021
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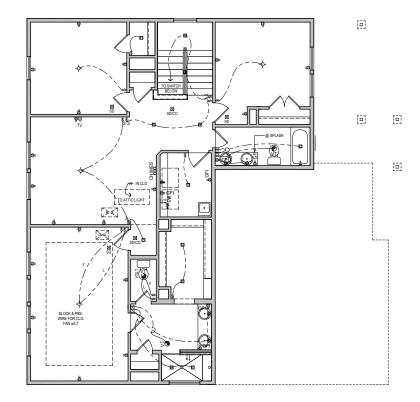
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 Scale: 1/2"

 Date: 9/30/2020
 Rev: 10/14/2024 EB

3277 Lot: 899 3277 Block: 0899 Sect:

SERENITY 65' 1034 SERENITY WALK PARKWAY FUQUAY VARINA, NC

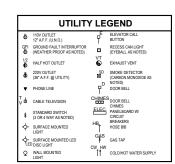
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KINTON
RALEIGH



SECOND FLOOR

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

IN ALL HABITABLE ROOMS LIGHT BOXES MUST BE FAN RATED Weekley Homes LP. 2021
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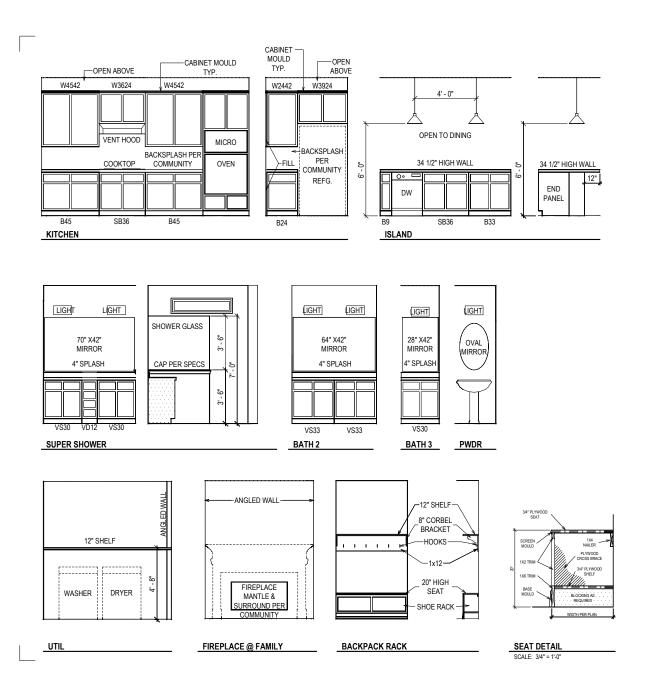
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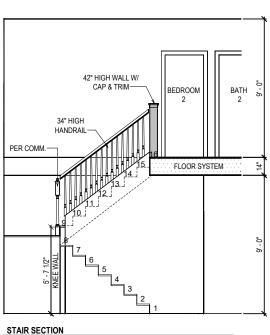
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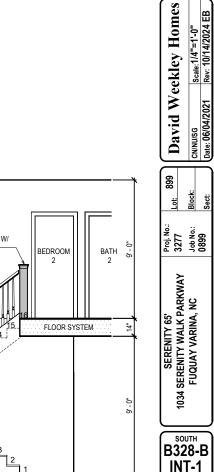
SERENITY 65' Proj. No.:
1034 SERENITY WALK PARKWAY 3277
FUQUAY VARINA, NC Job No.:
0899

SOUTH B328-B ELE-2 KINTON

RALEIGH









KINTON

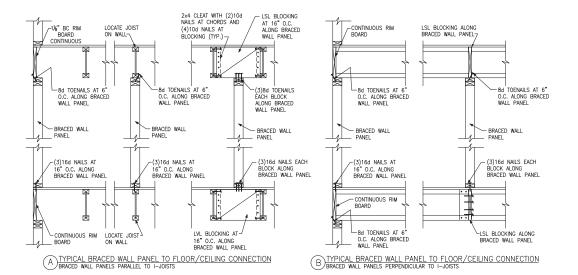
RALEIGH

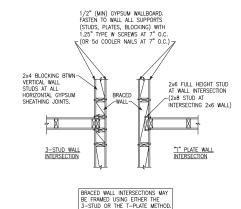
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Scale:1/4"=1'-0" Rev: 10/14/2024 EB

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







© 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 V16d NAII @ 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 91/4" AND LESS THAN 151/4"

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

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



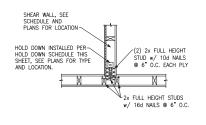




Hold-Down Details Serenity, Lot #899 B328 Kinton Model 115 M.P.H. Raleigh, North Carolina

Project #: 047-20008
Designed By: JPS
Checked By:
Issue Date: 6/2/25
Re-Issue:

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



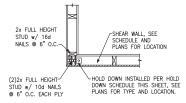
A TYPICAL HOLD DOWN DETAIL

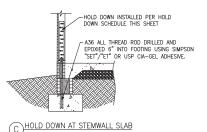
(E)HOLD DOWN AT CRAWL FOUNDATION

A36 ALL THREAD ROD -

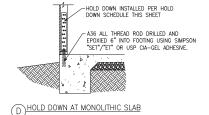
SIMPSON CNW1/2 -OR USP CNW12-ZP COUPLER NUT

GROUT CMU SOLID AT ALL THREAD ROD-



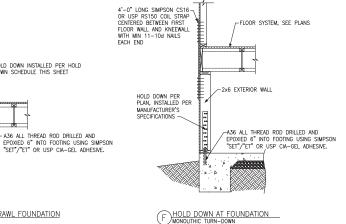


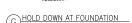
4'-0" LONG SIMPSON CS16 OR USP RS150 COIL STRAP



-HOLD DOWN INSTALLED PER HOLD DOWN SCHEDULE THIS SHEET

B TYPICAL HOLD DOWN DETAIL





CENTERED BETWEN FIRST FLOOR WALL AND KNEEWALL WITH MIN 11-10d NAILS EACH END	FLOOR SYSIEM, SEE PLANS
HOLD DOWN PER PLAN, INSTALLED PER MANUFACTURER'S SPECIFICATIONS	2x6 EXTERIOR WALL 2x6 EXTERIOR WALL A36 ALL THREAD ROD DRILLED AND EPOXIED 6" INTO FOOTING USING SIMPSON "SET" "F" OR USP CLA-GEL ADHESIVE.
	The second secon

ELOOD SYSTEM SEE DLANS

G HOLD DOWN AT FOUNDATION STEM WALL

	1	HOLD DOWN	SCHEDULE	
HOLD	DOWN	FASTENERS		
SIMPSON	USP	ALL TREAD ROD	TABLETO	
LTTP2	LTS20B	½" DIA.	(10)10d NAILS	
HTT4	HTT16	%" DIA.	(18)16dx2½" LONG NAILS	
HTT5	HTT45	%" DIA.	(26)16dx2½" LONG NAILS	



Carolina

North

Raleigh,

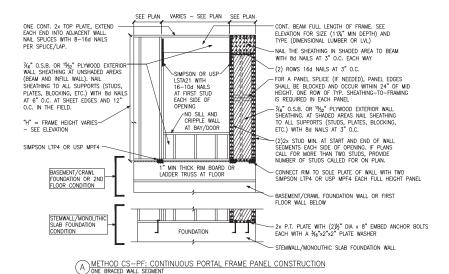
Detail

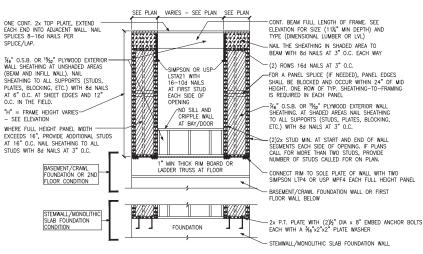
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Notes

Wall

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



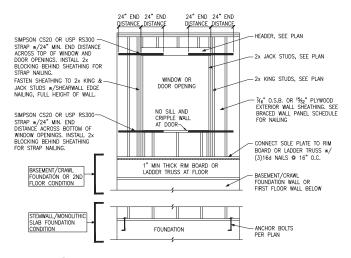


(B) METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION TWO BRACED WALL SEGMENTS

	DD40ED WALL	DANIEL AL	ID ENGINEEDED OUEAD WALL COLLEGIUS			
BRACED WALL PANEL AND ENGINEERED SHEAR WALL SCHEDULE						
PANEL TYPES	PANEL TYPE	MATERIAL	FASTENERS			
WSP	INTERMITTENT WOOD STRUCTURAL PANEL	7/16" OSB	6d or 8d common nails at 6" o.c. at sheet edges and 12" o.c. at intermediate supports. <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 GALV. 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 GALV. 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 GALV. 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 1/4" O.S.B., OR 15/2" PLYWOOD, FASTENED PER IRC. AT EXTERIOR CORNERS, SHEATHING SHALL BE FASTENED PER KSE BRACED WALL DETAILS. AT INTERIOR WALL INTERSECTIONS, FASTEN STUDS & WALL BRACING PER KSE BRACED WALL DETAILS.
- BRACED WALL PANELS AND ENGINEERED SHEAR WALLS ARE PROVIDED PER IRC. PANEL LENGTHS SHOWN ON PLANS ARE THE MINIMUM LENGTH REQUIRED.



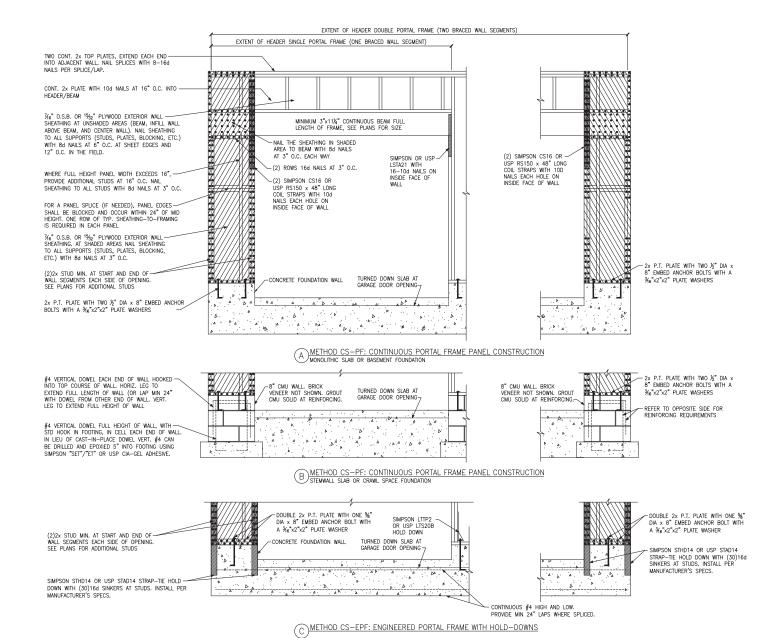
WINDOW OR DOOR REINFORCEMENT IN ENGINEERED SHEAR WALL ONLY REQUIRED WHERE SPECIFIED ON PLANS

ENGINEERING

5. SUITE 201, QUAKERTOWN, PA 18951

(215) 804-4449

S





Details #899 Model Frame Lot Kinton Т Serenity, B328 Kin 115 M.P.I Raleigh, Portal Project #: 047-20008

Carolina

North

Issue Date: 6/2/25 Re-Issue: 1/4"=1'-0" @ 22x34

Designed By: JPS

Checked By:





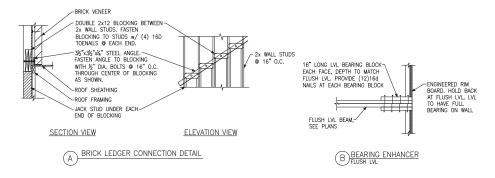


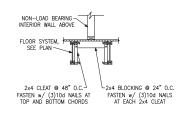
Project #: 047–20008
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Scole: 1/8"=1'-0" @ 11x17
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Miscellaneous Framing De Serenity, Lot #899 8 B328 Kinton Model 115 M.P.H.

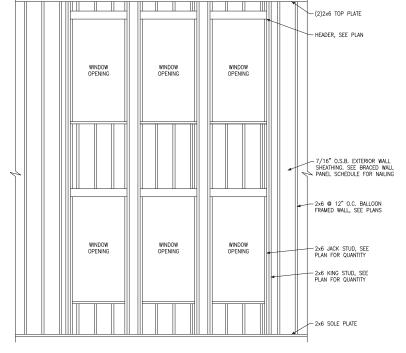
Details







C LADDER BLOCKING
AS REQUIRED ® PARALLEL WALLS



DBALLOON FRAMED WALL DETAIL N.T.S.

WALL STUD SIZE, HEIGHT & SPACING SCHEDULE						
BEARING WALLS NONBEARING WALL						IG WALLS
STUD SIZE	MAXIMUM SPACING WHEN SUPPORTING NO FLOOR, PLUS TWO FLOORS, PLUS TWO HEIGHT STUD HEIGHT ASSEMBLY, ONLY ASSEMBLY, ONLY ASSEMBLY, ONLY ASSEMBLY AXIMUM SPACING WHEN SUPPORTING WH				LATERALLY UNSUPPORTED STUD HEIGHT	MAXIMUM SPACING
2x4	10'-0"	24"	16"	-	14'-0"	24"
2x6	10'-0"	24"	24"	16"	20'-0"	24"

ENGINEERING

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Framing #899 Model

Project #: 047-20008

Designed By: JPS Checked By:

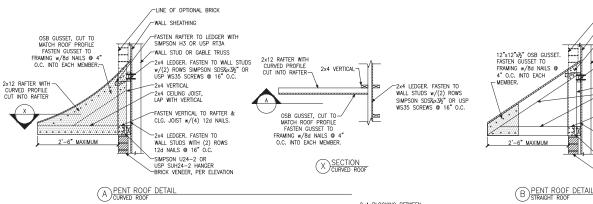
Issue Date: 6/2/25 Re-Issue: Scale: 1/8"=1'-0" @ 11x17 1/4"=1'-0" @ 22x34

Detail

Miscellaneous | Serenity, Lot # B328 Kinton M 115 M.P.H.

-WALL STUD OR GABLE TRUSS TOENAIL RAFTER TO LEDGER WITH (4) 12d NAILS -2×4 LEDGER, FASTEN TO WALL 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.

C EYEBROW ROOF DETAIL
STRAIGHT ROOF



SLOPING L3½"x3½"x½" BRICK ANGLE WITH HORIZ. PL3x3x½ PLATES AT 24" O.C. (MIN TWO PER ANGLE. NAIL TO GIRDER

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

TYP 14 V

ROOF GIRDER TRUSS TO

SUPPORT DEAD LOAD OF BRICK, SEE PLAN

(D)TRUSS DETAIL

-HOLES.

BRICK VENEER-

2x WALL STUDS,

2x4 BLOCKING BETWEEN TRUSSES WITH SIMPSON U24 OR USP JL24 EACH END 8d NAILS AT 6" O.C. -AT 4" O.C. 2x4 FRAMING AT 24" O.C. -CANTILEVERED OVER GABLE END TRUSS 2x4 BLOCKING BTWN 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. %6" OSB AT GABLE END TRUSS, PER SHEAR WALL EDGE NAILING PER SHEAR — WALL SCHEDULE PER SHEAR (2) SIMPSON GBC OR ROOF TRUSSES AT 24" O.C. USP HC520 EACH KICKER WALL ABOVE (6" O.C. AT NON-SHEAR WALLS) %6" OSB WALL SHEATHING

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

(E) GABLE END WALL DETAIL

4" O.C. INTO EACH

─WALL STUD OR GABLE TRUSS -2x4 LEDGER. FASTEN TO WALL STUDS w/(2) ROWS SIMPSON SDS¼x3½" OR USP WS35 SCREWS @ 16" O.C. -2x4 VERTICAL

-2x4 RAFTER & CEILING JOIST, LAP WITH VERTICAL

-LINE OF OPTIONAL BRICK

-WALL SHEATHING

FASTEN VERTICAL TO RAFTER &

FASTEN RAFTER TO LEDGER WITH SIMPSON H3 OR USP RT3A

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

SIMPSON U24-2 OR USP

-2x4 LEDGER, FASTEN TO WALL STUDS WITH (2) ROWS 12d NAILS @ 16" O.C. SUH24-2 HANGER

BRICK VENEER, PER ELEVATION

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Kinton Д. Н.

Re-Issue:

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

Lot Monolithic Serenity, B328 Kin 115 M.P.I

Designed By: JPS Checked By: Issue Date: 6/2/25

Project #: 047-20008

North Raleigh,

Carolina





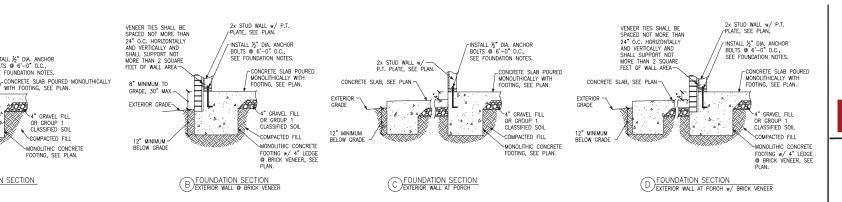


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FOUNDATION SECTION

8" MINIMIM TO

GRADE, 30" MAX

EXTERIOR GRADE~

12" MINIMUM~ BELOW GRADE

2x STUD WALL w/ P.T.

2x BEARING WALL w/

FOOTING, SEE PLAN,

P.T. PLATE, SEE PLAN.

CONCRETE SLAB POURED

PLATE, SEE PLAN

8" MINIMUM TO

GRADE, 30" MAX

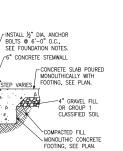
EXTERIOR GRADE

12" MINIMUM

BELOW GRADE

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

SEE FOUNDATION NOTES.

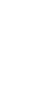


-INSTALL ½" DIA. ANCHOR BOLTS @ 6'-0" O.C.,

SEE FOUNDATION NOTES

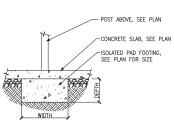
THICKENED SLAB, SEE PLAN.

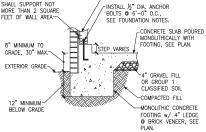
E FOUNDATION SECTION EXTERIOR GARAGE WALL











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

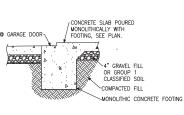
VENEER TIES SHALL BE SPACED NOT MORE THAN

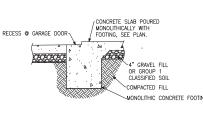
24" O.C. HORIZONTALLY AND VERTICALLY AND SHALL SUPPORT NOT

MORE THAN 2 SOLIARE

FOUNDATION SECTION
EXTERIOR GARAGE WALL ® BRICK VENEER

G GARAGE DOOR SECTION





H)THICKENED SLAB

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

STEP VARIES

00000

GARAGE SPACE

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

LIVING SPACE

CONCRETE SLAB POURED

MONOLITHICALLY WITH FOOTING, SEE PLAN.

4" GRAVEL FILL

CLASSIFIED SOIL

-MONOLITHIC CONCRETE FOOTING, SEE PLAN.

COMPACTED FILL

OR GROUP 1

ENGINEERING

5. SUITE 201, QUAKERTOWN, PA 18951

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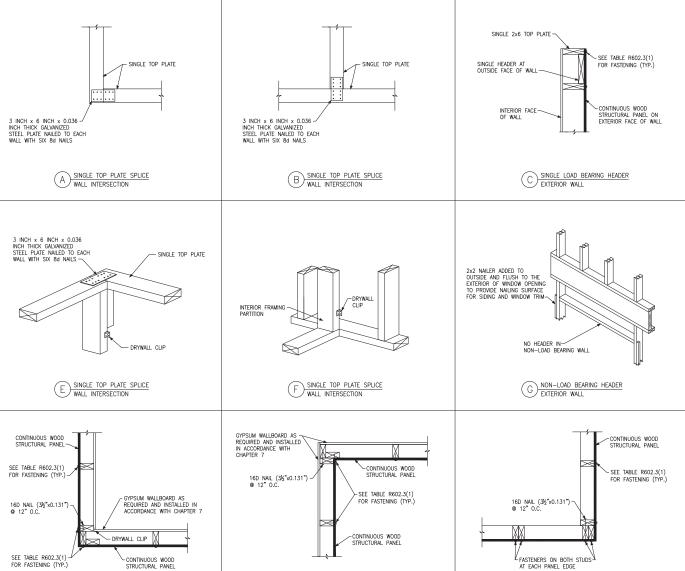






Issue Date: 6/2/25

Re-Issue:



TYPICAL EXTERIOR CORNER FRAMING

INSIDE CORNER DETAIL

TYPICAL EXTERIOR CORNER FRAMING

GARAGE DOOR CORNER DETAIL

TYPICAL EXTERIOR CORNER FRAMING

OUTSIDE CORNER DETAIL

3 INCH x 6 INCH x 0.036 INCH THICK GALVANIZED
STEEL PLATE NAILED TO EACH SINGLE TOP PLATE. SPLICE OVER STUD PLATE WITH SIX 8d NAILS 2x BLOCKING BETWEEN ADJACENT STUDS. NAIL ON EACH SIDE OF SPLICE WITH SIX 12d NAILS 7 -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.

2.) INTERIOR BEARING WALLS TO BE PER NO RESIDENTIAL CODE.

3.) ROOF TRUSSES AND FLOOR JOISTS ARE TO BE STACKED AND CENTERED OVER STUDS WITH A TOLERANCE OF NO MORE THAN 1 INCH. ADDITIONAL STUDS ARE TO BE ADDED WHERE THE ROOF TRUSSES AND FLOOR JOISTS ARE NOT STACKED OVER STUDS WITHIN 1" TOLERANCE.

4.) INTERIOR NON-LOAD BEARING WALLS TO BE 2x4 S.P.F. STUDS @ 24" O.C. WITH SINGLE TOP PLATE. TOP PLATE TO BE SPLICED PER NC RESIDENTIAL CODE.

5.) LOAD-BEARING HEADERS ARE NOT REQUIRED IN INTERIOR OR EXTERIOR NONBEARING WALLS. A SINGLE FLAT 2x MEMBER MAY BE USED AS A HEADER IN INTERIOR OR 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.



Details Framing [Lot #899 ton Model Advanced

Notes

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Designed By: JPS Checked By:

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