ASPEN CREEK ABBREVIATIONS A A PRESSURE TREATED WD HWD HARDWOOD (FL R&M RANGE W/MICROWAY LTL LINTEL LVR LOUVER MAX MAXIMUM DRY DRYER MACHINE TEMP TEMPERED (GLASS EXTERIOR 0A OVERALL U.N.O. OTHERWISE F.F. FINISH FLOOR (LIN OBS OBSCURE (GL) O.H. OVERHAN OPNG OPENING FLR FLOOR(ING WH WATER HEATER FP FIREPLACE OPT OPTIONAL WIC WALK-IN CLOSE FURRED(ING) PEDESTAL (SINK) FUR W/ W/O WITH or WITHOU ROHND FAIL 0SB TERPROOF(ING) CIRCUIT INTERRU

GENERAL NOTES

1 - GENERAL BUILDING & DESIGN REQUIREMENTS

1) THE ATTACHED PLANS & SPECIFICATIONS ARE THE SOLE PROPERTY OF TRI POINTE HOMES ANY UNAUTHORIZED USE OF THESE PLANS WITHOUT PRIOR WRITTEN CONSENT OF TRI POINTE HOMES IS STRICTLY

TRI POINTE HOMES DESIGNS & BUILDS HOUSING AS SET FORTH BY THE FORMAT AND PROVISIONS OF TH INTERNATIONAL RESIDENTIAL CODE (IRC), AND THE NATIONAL ELECTRIC CODE (NEC). ANY NON-CONFORMING DOCUMENTS DISCOVERED BY THE CONTRACTOR OR HIS AGENTS SHALL BE CALLED TO THE IMMEDIATE ATTENTION OF TRI POINTE HOMES BY CALLING (469)329-0470.

). THESE PLANS ARE SUBJECT TO MODIFICATIONS TO MEET CODE REQUIREMENTS AND/OR TO FACILITATE MECHANICAL/ ELECTRICAL/ PLUMBING INSTALLATION AND/ OR TO IMPLEMENT DESIGN IMPROVEMENTS. ANY INTENTION TO MODIFY THESE PLANS MUST BE APPROVED IN WRITING BY TRI POINTE HOMES

4) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AFFECTING CONTRACTOR'S PRODUCTS, INSTALLATIONS, OR FABRICATIONS IN THE FIELD PRIOR TO EXPEDITING THE CONSTRUCTION OF SUCH WORK. FIELD VERIFY ALL DIMENSIONS – DO NOT SCALE DRAWINGS!! CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE PROJECT AND BECOMING FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK INCLUDING BUT NOT LIMITED TO SITE AND SOIL BEARING CONDITIONS.
5) ERRORS AND OMISSIONS WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE

ATTENTION OF THE ARCHITECT, IN WRITING, AND WRITTEN INSTRUCTION SHALL BE OBTAINED PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY ERRORS, DISCREPANCIES. OR OMISSIONS FOR WHICH THE CONTRACTOR FAILED TO NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTION AND/ OR FABRICATION OF THE WORK.

2 - SITE CONSTRUCTION

) BACK FILL SHALL BE FREE FROM VEGETATION AND CONSTRUCTION DEBRIS

) BACK FILL SHALL BE PLACED IN LIFTS AND COMPACTED IN SUCH A MANNER AS BACKFILL TO NOT DAM. THE FOUNDATION WALLS OR ANY WATERPROOFING/ DAMPPROOFING MATERIALS

3 - CONCRETE

1) SLOPE ON GARAGE SLAB SHALL BE 1/8" PER FOOT TOWARDS VEHICLE DOOR. SLOPE ON PORCH AND

4 - MASONRY

ALL EXTERIOR BRICK MUST MEET ASTM C-216 FOR "SW" CONDITIONS

2) MASONRY VENEER SHALL BE ATTACHED TO SUPPORTING WALLS w/ CORRUGATED METAL TIES IN ACCORDANCE WITH R703.7.4.1 - I.R.C. OR LOCAL CODE REQUIREMENTS

) WEEPHOLES SHALL BE PROVIDED ALONG THE OUTSIDE WYTHE OF EXTERIOR MASONRY WALLS AT 33" O.C. MAX, SHALL BE A MIN. OF 3/16" IN DIAMETER, AND LOCATED IMMEDIATELY ABOVE THE FLASHING PER 18703.7.6 – LR.C.

5 - METALS

6 - WOOD AND PLASTICS

7 - THERMAL & MOISTURE PROTECTION

) Fire stopping and/ or draft stopping shall meet the requirements of IRC R602.8. 2) Attic ventilation shall be provided at 1/300 th of the Area of the Space ventilated. Cross VENTILATION WITH HALF OF THE VENTILATED AREA SHALL BE PROVIDED BY ROOF VENTS AND THE OTHER HALF BY SOFFIT VENTS. VENTS SHALL BE PLACED SO AS TO NOT ALLOW INFILTRATION OF RAIN OR SNOW. S) PROVIDE APPROVED TILE BACKER DRYWALL FOR ALL SHOWER AND BATH SPACE) PROVIDE ATTIC VENTILATION PER IRC-R806.1

8 - DOORS AND WINDOWS

-) REVIEW ALL WINDOW HDR HEIGHTS PER PLATE HT. AND VERIFY W/ ELEVATIONS AND CORNICE DETAILS TEMPERED GLASS SHALL BE USED IN HAZARDOUS AREAS AS DESCRIBED IN SECTION R308.4 - LR.C.
- FRONT DOOR WIDTH PER IRC-R311.3
- GARAGE DOOR PER IRC-R309.1

FMERGENCY EGRESS SHALL MEET REQUIREMENTS OF SECTION R310 - LR C 2018 - SLEEPING ROOMS HALL HAVE AT LEAST ONE EGRESS OPENING OF NOT LESS THAN 5.7 SF AND A CLEAR OPENING OF NOT IFSS THAN 20" WIDE X 24" HIGH AND SHALL NOT BE MORE THAN 44" ABOVE THE FLOOR

15 - MECHANICALS

) WOOD BUILT CHIMNEYS AND FIREPLACES SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. AND RE SUBJECT TO MECHANICAL INSPECTION PER IRC SECTION R1002.1 EXTERIOR AIR INTAKE FOR COMBUSTION AIR PER IRC SECTION AS REQUIRED BY LOCAL MUNICIPALITY

16 - ELECTRICAL

ALL FLECTRICAL INSTALLATION SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (NEC) MATERIAL AND EQUIPMENT SHALL BEAR THE LABEL OF APPROVAL OF THE UNDERWRITERS ABORATORIES, INC.

) ELECTRICAL CONTRACTOR SHALL VERIFY SPACE REQUIRED FOR METER INSTALLATION BEFORE ONSTRUCTION AND SHALL NOTIFY GENERAL CONTRACTOR OF ANY DISCREPANCIES.

VERIFY LOCATION OF ALL RECEPTACLES FOR APPLIANCES WITH MANUFACTURER SPECIFICATIONS. GROUND FAULT INTERRUPTS SHALL BE LOCATED PER THE NEC

ALL SWITCHES SHALL BE INSTALLED AT 3'-6" ABOVE FINISHED FLOOR TO CENTERLINE OF SWITCH VLESS NOTED OTHERWISE

) ALL CONVENIENCE OUTLETS SHALL BE INSTALLED W/ CENTERLINE OF OUTLET LOCATED 1'-3" ABOVE INISHED FLOOR UNLESS NOTED OTHERWISE

ALL CONVENIENCE OUTLETS WITH SWITCHES TO BE SWITCH AT TOP ONLY.

ALL EXTERIOR WALL BRACKET FIXTURES SHALL BE INSTALLED AS NOTED ON PLANS.

APPROVED SMOKE DETECTORS SHALL BE LOCATED ON EVERY STORY OF THE DWELLING UNIT AS PER IRC

ECTION R317 (SEE SHEET B1.1 FOR LOCATIONS). WHERE MORE THAN ONE DETECTOR IS REQUIRED THEY SHALL BE INTERCONNECTED. POWER SOURCE SHALL BE BUILDING POWER w/ BATTERY BACKUP.)) CONDUCTORS SHALL BE OF COPPER.

GENERAL FRAMING SPECS AND CONSTRUCTION NOTES STAIRS:

) THE MAXIMUM RISER HEIGHT SHALL BE 7 3/4 INCHES AND THE MINIMUM TREAD DEPTH SHALL BE 10 CHES IN ACCORDANCE WITH SECTION I.R.C.

HANDRAILS HAVING MINIMUM AND MAXIMUM HEIGHTS OF 34 INCHES AND 38 INCHES SHALL BE OVIDED ON AT LEAST. ONE SIDE OF STAIRWAYS IN ACCORDANCE WITH SECTION R315.1 — I.R.C HANDRAIL AND BALUSTRADE (WHERE PRESENT) SHALL BE CONSTRUCTED. ACCORDING TO IRC. ALL REQUIRED HAND RAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS W/ 2 OR MORE SERS FROM A POINT ABOVE THE THE TOP RISER OF A FLIGHT TO A POINT ABOVE THE LÓWEST RISER OF THE FLIGHT. ENDS SHALL BE RETURNED OR SHALL TERMINATE AT NEWEL POSTS OR SAFETY TERMINALS. ANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1.5" BETWEEN THE WALL

WALLS:

) ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD. ALL STUDS ARE 3 1/2" UNLESS NOTED. ALL DIMENSIONS PRESENTED HERE ARE FRAME DIMENSIONS ONLY.

SEPARATION BETWEEN THE RESIDENCE AND THE GARAGE SHALL BE MAINTAINED BY INSTALLATION OF $rac{1}{2}^{n}$ GYPSUM BOARD ON ALL COMMON WALLS. 2-STORY HOMES REQUIRE 5/8" TYPE X GYPSUM BOARD AT CARAGE CEILINGS WHERE HABITABLE ROOMS ARE PRESENT ABOVE.

FLOORS:

STRUCTURAL FLOOR MEMBERS SHALL NOT BE CUT, BORED, OR NOTCHED IN EXCESS OF THE LIMITATIONS ECIFIED IN IRC

) THE ENDS OF EACH JOIST, BEAM, OR GIRDER SHALL HAVE NOT LESS THAN 1.5 INCHES OF BEARING ON WOOD OR METAL AND NOT LESS THAN 3 INCHES ON MASONRY OR CONCRETE OR AS OTHERWISE SPECIFIED

) ALL DIMENSIONAL FLOOR JOISTS TO BE PER ENGINEER STRUCTURAL PLANS.

FRAMING:

ALL FRAMING DIMENSIONS TO FACE OF MEMBER. ALL BEARING HEADERS TO BE PER ENGINEERING PLANS.

FIRE STOPPING AND / OR DRAFT STOPPING SHALL MEET THE REQUIREMENTS OF IRC R602.8.

ROOF

) HIP AND VALLEY RAFTERS SHALL BE SUPPORTED AT RIDGE DOWN TO BEARING PARTITION, CUT ENDS OF AFTERS SHALL BE FULLY SUPPORTED WALL AND RIDGE

REQUIRED VENTILATION AREAS CALCULATED AT 1/300 RATIO

SQUARE FOOTAGE

Elevation "B"

(Slab S.F.)	
Slab Area	Sq. Ft
FIRST FLOOR	2113
2 BAY GARAGE	472
PORCH	188
COVERED OUTDOOR LIVING	344
Total Slab Area	3117

(Outside of Frame S.F.)			
A/C Area	Sq. Ft.		
FIRST FLOOR	2113		
Total A/C Area	2113		
Non-A/C Area	Sq. Ft.		
2 BAY GARAGE	472		
PORCH	188		
COVERED OUTDOOR LIVING	344		
Total Non-A/C Area IOO4			

(Inside of Frame S.F.)	
C Area	Sq. Ft.
RST FLOOR	2040
otal A/C Area 2040	

NOTE: ALL OPTIONAL SQUARE FOOTAGES LISTED ARE INDEPENDENT OF AND IN ADDITION TO BASE SQUARE FOOTAGES

OPTIONS

PRIMARY SUITE TRAY CEILING
GREAT ROOM TRAY CEILING
PRIMARY BATH 3 WIZERO-ENTRY
GOURMET KITCHEN 1
12080 SGD AT GREAT ROOM LAUNDRY CABS AND SINK WINDOWS AT PRIMARY SUITE
BEDROOM 3 W/BATH 3 ILO FLEX SPACE
SCREENED EXT. COV'D OUTDOOR LIV WINDOWS AT DINING DOOR FROM PRIMARY WIC TO LAUNDRY SHOWER ILO TUB AT BATH 2
OUTDOOR FIREPLACE AT OUTDOOR LIVING OUTDOOR LIVING PATIO 2

LOT 336 ASPEN CREEK ELEVATION B REVERSE PLAN LEFT-HAND GARAGE

OVER 9000 FT² -

BUILDING CODE COMPLIANCE

CONSTRUCTION PLANS DESIGNED TO MEET OR EXCEED MINIMUM CODE REQUIREMENTS OF 2018 LR (

LECTRICAL PLANS DESIGNED TO MEET OR EXCEED MINIMUM

TABLE OF CONTENTS

SHEET LEGEND					
SHEET NO.	TYPE OF SHEET/LAYOUT				
"G0.01"	COVER SHEET & GEN. NOTES				
"G0.11" REVISIONS & SYMBOLS "S1.10B" BASE FOUNDATION PLAN — ELEVATION 'B' "A1.10B" FIRST FLOOR PLAN — ELEVATION 'B'					
				"A2.01B"	EXTERIOR ELEVATIONS — 'B'
				"A2.02B"	EXTERIOR ELEVATIONS — 'B'
"A3.01B"	ROOF PLAN — ELEVATION 'B'				
"A4.01"	INTERIOR DETAIL SHEET				
"E1.10B"	1ST FLR. ELECTRICAL PLAN — ELEVATION 'B'				
"E1.11B"	1ST FLR. ELECTRICAL PLAN UPGRADE OPTIONS - ELEVATION 'B'				
"D1.0"	DETAILS				

*OPT. GOURMET KITCHEN 1

*OPT. PRIMARY BATH 3 W/ ZERO ENTRY PAN

*OPT. WINDOWS IN PRIMARY SUITE

*OPT. FIREPLACE AT GREAT ROOM

*OPT. 12080 SGD AT GREAT ROOM

*OPT. BEDROOM 3 W/ BATH 3 ILO FLEX SPACE

*OPT. OUTDOOR LIVING PATIO 2

*OPT. TRAY CEILING AT PRIMARY BEDROOM

*OPT. TRAY CEILING AT GREAT ROOM

*OPT. WINDOWS AT DINING ROOM *OPT. DOOR FROM PRIMARY W.I.C. TO LAUNDRY

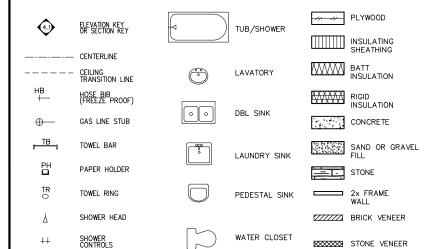
*OPT. LAUNDRY SINK W/ BASE & UPPER CABINETS

*OPT. BATH 2 SHOWER ILO TUB W/ TILE WALLS

*OPT. SCREENED EXTENDED COVERED OUTDOOR LIVING

*OPT. OUTDOOR FIREPLACE W/ TILE SURROUND

SYMBOLS



DointeHOMES

Blvd Business Operation 5440 Wade Park Blv Suite 400 Raleigh, NC 27607

NOTES

SERENITY LN GENERAL ALTIS @ FIREFLY] ઝ SHE

SUBDIVISION: ADDRESS: LOT: 336

10-01-24 Issue Date: ACC

5921-07

ASPEN CREEK

G0.01

	REVISION INDEX		
REL. #	DESCRIPTION	DATE	DRAWN BY
5921-07	NEW PLAN	10/01/2024	ACC
	ADDED ATTIC PULL-DOWN, REVISED ROD/SHELF IN PRIMARY WIC, ADDED OPTIONS - SCREENED COVERED OUTDOOR LIVING, GOURMET KITCHEN KITCHEN, ZERO ENTRY SHOWER AT PRIMARY BATH, ADDED TRIM SURROUNDING VENTS AT VARIOUS ELEVATIONS, REVISED BENCH DETAIL, ADDED OFT. LAUNDRY CABINETS, ADDED (2) 4-LED LIGHTS IN CARROER, ERVESSE LICET LIGHTING AND SWITCHES IN PRIMARY BATH, ADDED DISHWASHER ACCESSIBLE DISCONNECT SWITCH AND COUNTER-TOP AIR SWITCH FOR DISPOSAL NOTES	01/26/2025	ACC
	ADDED SHOWER NICHE NOTE, ADDED CURB TO SHOWERS, REVISED INT/EXT FIREPLACE DEPTHS, REVISED OPENING HEADER HEIGHTS THROUGHOUT, REVISED REAR EXTERIOR DOOR TO 3", ADDED DOOR HEIGHTS TO WAIN FLOOR NOTES, ADDED DATH ACCESSORY HEIGHTS TO MAIN FLOOR NOTES, ADDED DATE ACCESSORY HEIGHTS TO MAIN FLOOR NOTES, ADDED DATE OF ONE TO STORE DETAIL REMOVER DETAIL, REMOVED PRIMARY BATH 2 OPTION, ADDED OUTDOOR UNING PATO DO 1 & 2, ADDED PARTIAL SHOWER NICHE DETAIL, ADDED OUTWARD FATO DATE INTO THE NICHE METAIL, ADDED OUTWARD THO THE NITERIOR, REVISED ELECTRICAL / ELECTRICAL OPTION AT GREAT ROOM AND PRIMARY BATH.	04/14/2025	ACC
	ADDED TYPICAL CLOSET ROD AND SHELF DETAILS, ADDED SHOWER NICHE DETAILS, REVISED PANTRY SHELVES TO 4, REMOVED KITCHEN ISLAND "TOP SIZE" NOTE, ADDED TOWEL HOOK IN PRIMARY BATH, ADDED GABLE WINDOW DIMENSIONS, REVISED TYPICAL BENCH DETAIL, ADDED VARIOUS ELECTRICAL NOTES, ADDED SWITCHES TO OPTIONAL ELECTRICAL SHEETS,	07/30/2025	ACC
	ADDED OPTIONAL BEAMS IN PRIMARY SUITE, ADDED OPTIONAL GRAB BARS IN ALL BATHS, REVISED TOWEL BAR AND HOLDER HEIGHTS	09/06/2025	ACC

tri pointe.

HOMES

5440 WADE PARK BLVD, SUITE 400, RALEIGH, NG 27607

Business Operations 5440 Wade Park Blvd Suite 400 Raleigh, NC 27607

SUBDIVISIONS & SYMBOLS
SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 77 FIREFLY LN
LOT: 336

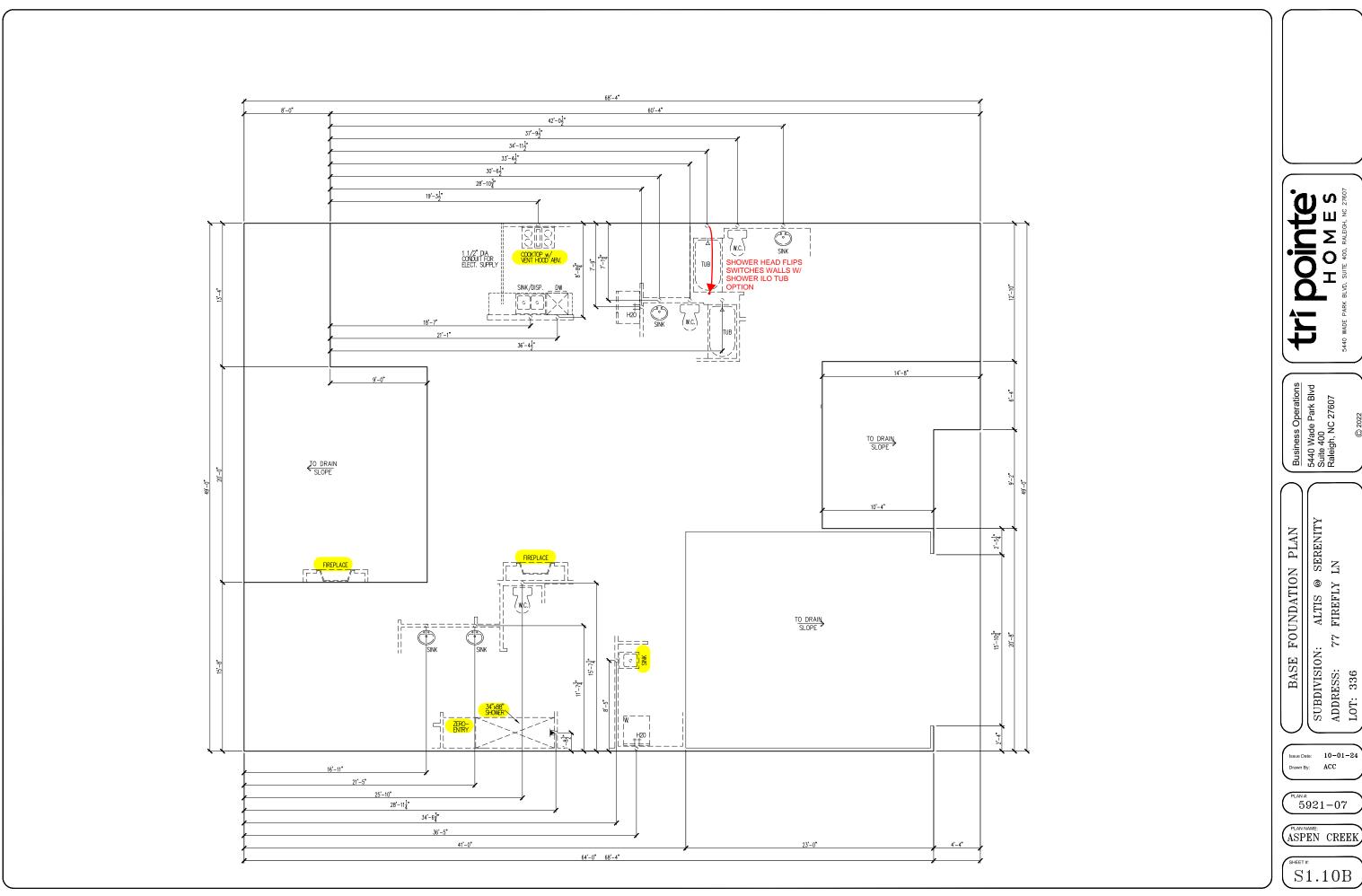
Issue Date: 10-01-24

Drawn By: ACC

PLAN #: 5921-07

ASPEN CREEK

G0.11



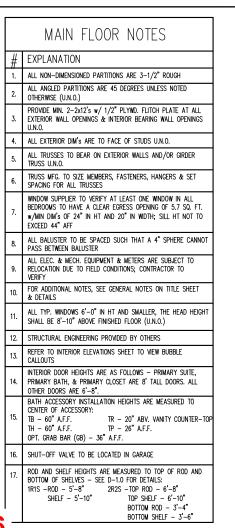
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H O M E S

5440 WADE PARK BLVD, SUITE 400, RALEIGH, NG 27607

5921-07

ASPEN CREEK



5921-07
ASPEN CREEK
ELEVATION B
REVERSE PLAN
LEFT-HAND GARAGE

*OPT. GOURMET KITCHEN 1

*OPT. PRIMARY BATH 3 W/ ZERO ENTRY PAN

*OPT. TRAY CEILING AT PRIMARY BEDROOM

*OPT. WINDOWS IN PRIMARY SUITE

*OPT. TRAY CEILING AT GREAT ROOM

*OPT. FIREPLACE AT GREAT ROOM

*OPT. 12080 SGD AT GREAT ROOM

*OPT. WINDOWS AT DINING ROOM

*OPT. DOOR FROM PRIMARY W.I.C. TO LAUNDRY

*OPT. LAUNDRY SINK W/ BASE & UPPER CABINETS

*OPT. BATH 2 SHOWER ILO TUB W/ TILE WALLS

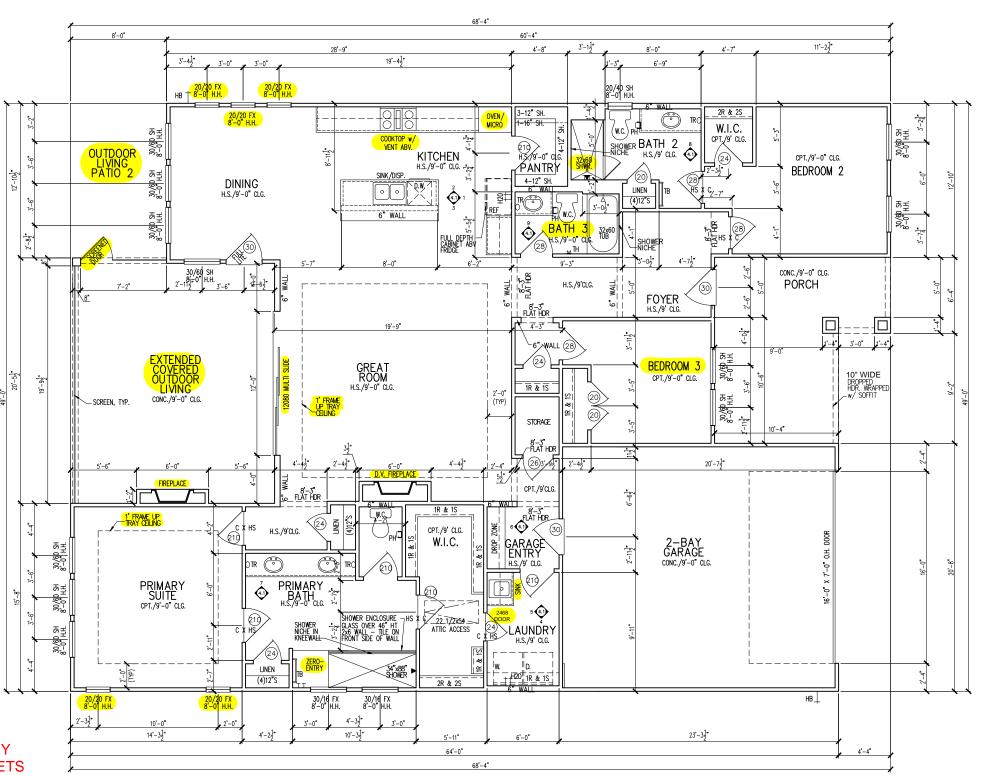
*OPT. BEDROOM 3 W/ BATH 3 ILO FLEX SPACE

*OPT. SCREENED EXTENDED COVERED OUTDOOR LIVING

*OPT. OUTDOOR FIREPLACE W/ TILE SURROUND

*OPT. OUTDOOR LIVING PATIO 2

OVER 9000 FT² - NO FIRE RATED WALL REQUIRED



tri pointe.

H O M E S

HO W E S

A40 WAGE PARK BLVD, SUITE 400, RALEGH, NG 27807

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SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 77 FIREFLY LN

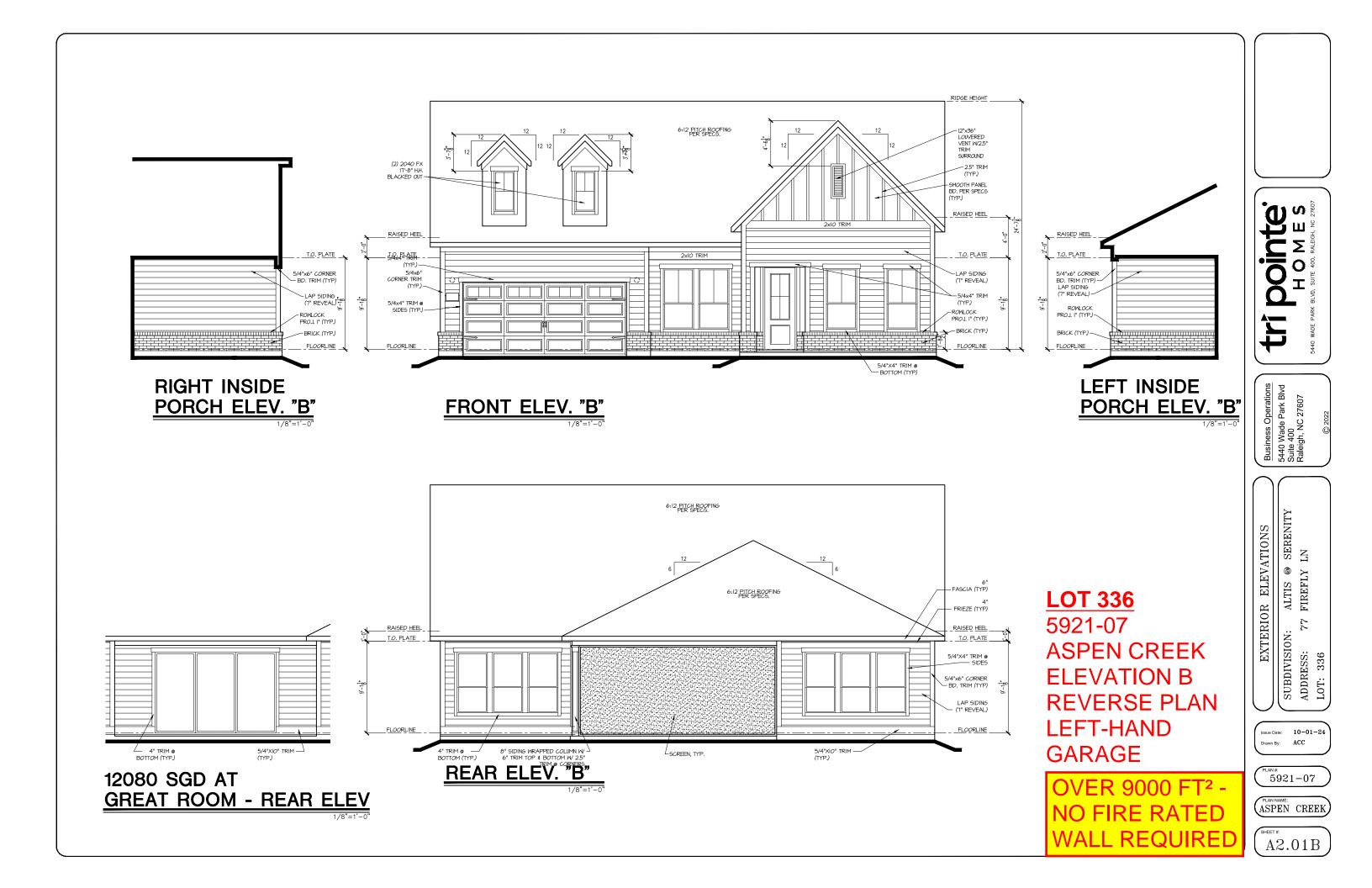
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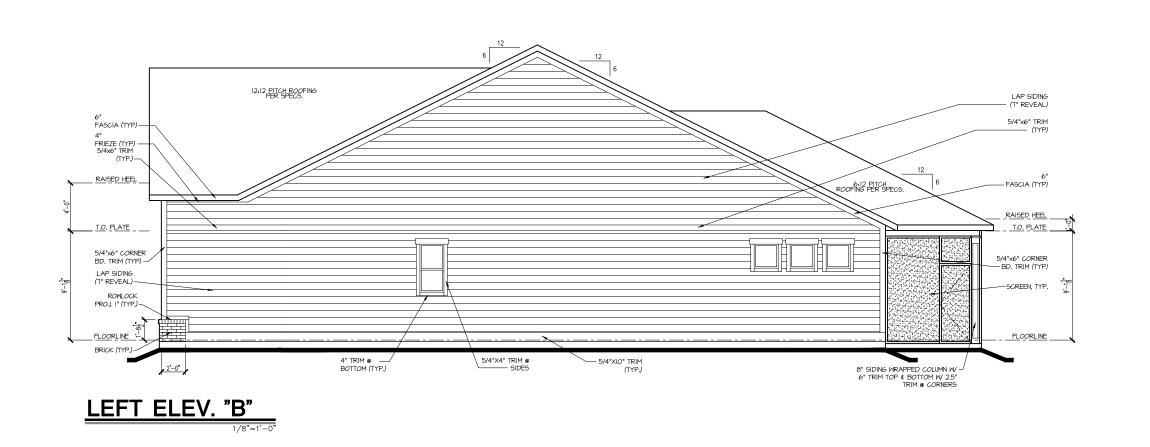
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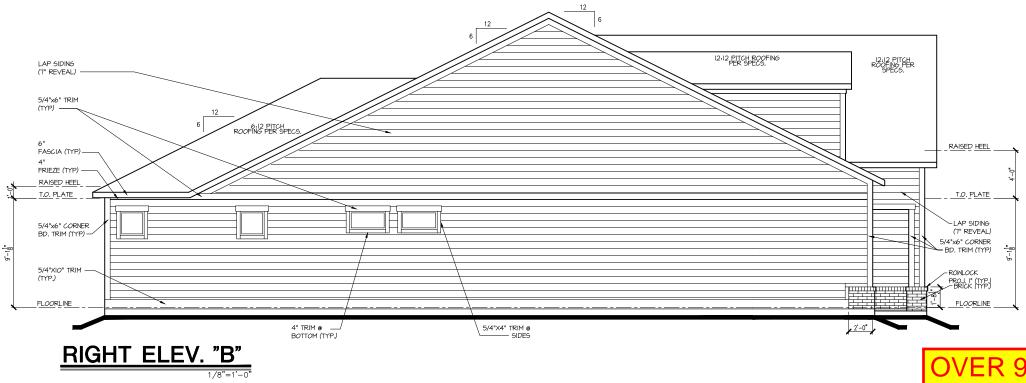
5921-07

ASPEN CREEK

A1.10







OVER 9000 FT² -NO FIRE RATED WALL REQUIRED tri pointe HOMES 540 WADE PARK BLVD, SUITE 400, RALEIGH, NC 27607

Business Operations 5440 Wade Park Blvd Suite 400 Raleigh, NC 27607

SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 77 FIREFLY LN
LOT: 336

Issue Date: 10-01-24
Drawn By: ACC

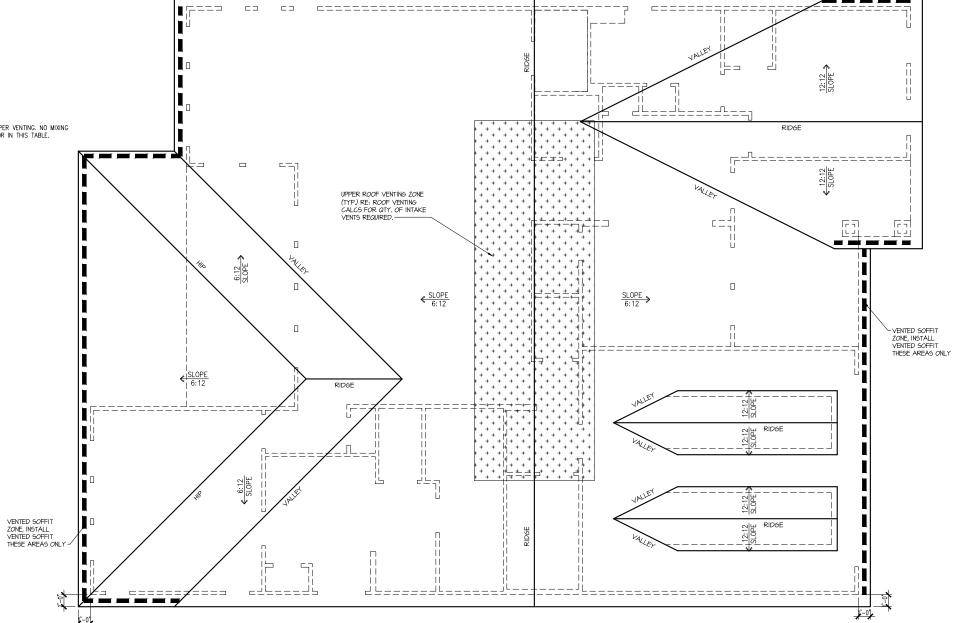
PLAN#: 5921-07

ASPEN CREEK

A2.02B



NOTE: QTY OF UPPER VENTS SHOWN COVERS 100% OF UPPER VENTING. NO MIXING OF VENT TYPES FOR UPPER VENTING IS FIGURED FOR IN THIS TABLE.





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ALTIS @ SERENITY FIREFLY LN ROOF PLAN

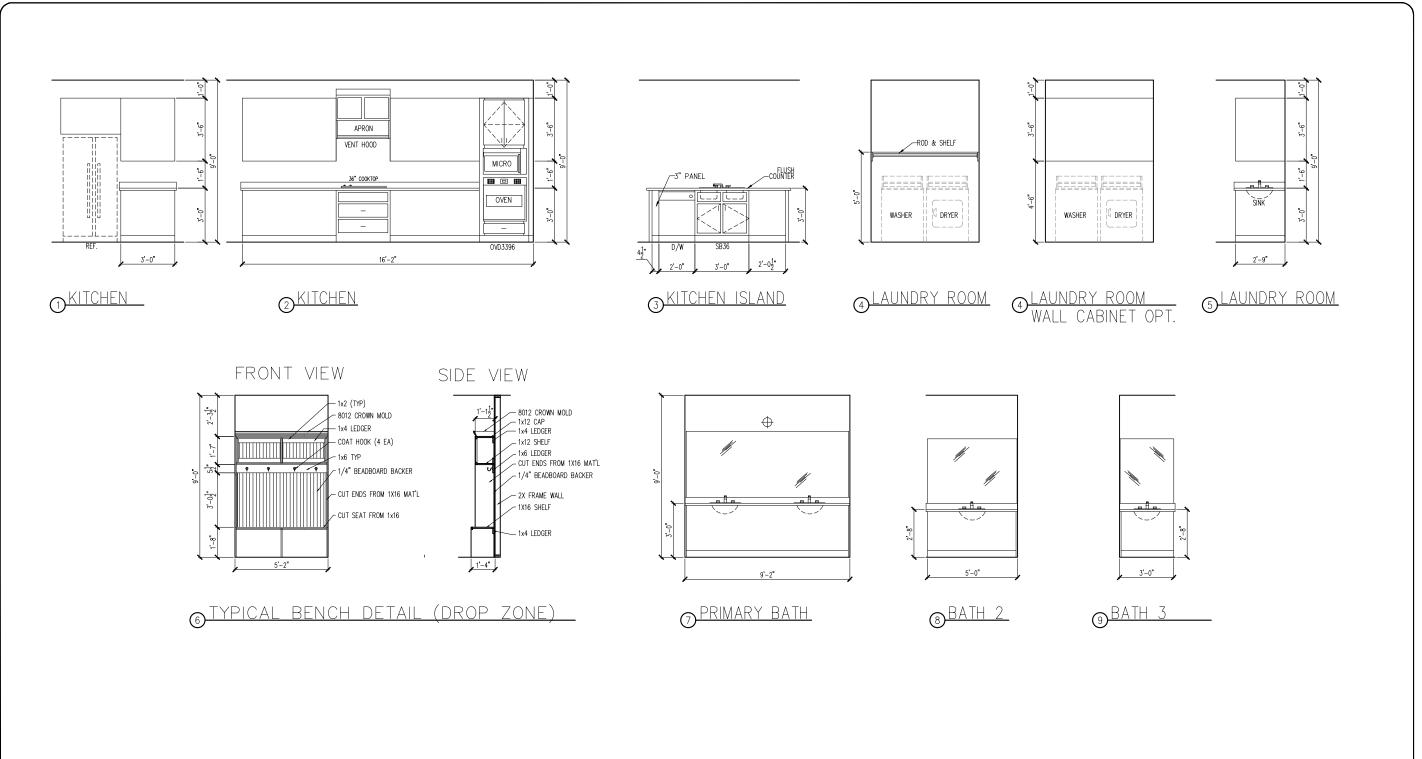
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ADDRESS: 7'
LOT: 336

Issue Date: 10-01-24 Drawn By: ACC

PLAN#: 5921-07

ASPEN CREEK

A3.01B



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HOMES

5440 WADE PARK BLVD, SUITE 400, RALEGH, NG 27607

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ALTIS @ SERENITY ' FIREFLY LN INTERIOR DETAIL SHEET

SUBDIVISION: ADDRESS: 77 I

Issue Date: 10-01-24 Drawn By: ACC

5921-07

ASPEN CREEK

A4.01

ELECTRICAL I SCHEDU	FIXTURE LE
DESCRIPTION	SYMBOL
110V OUTLET	ф
220V OUTLET	\$ 220
1/2 HOT OUTLET	₩
GFI OUTLET	∜ GFI
WP GFI OUTLET	₩P/GFI
GARAGE DOOR OPENER OUTLET	Ø GDO
SECURITY SYSTEM	♦ SEC SYS
DISHWASHER	⊕ DW
JUNCTION BOX	①
CEILING MOUNTED LIGHT	-
CEILING FAN w/ LIGHT KIT	PROVIDE BRACING
RECESSED CEILING LIGHT	Ø
RECESSED WATER PROOF LIGHT	⊠ WP
WALL MOUNTED LIGHT	9
WALL MOUNTED PUSH BUTTON	å PB
TWO WAY SWITCH	\$
THREE WAY SWITCH	³\$
FOUR WAY SWITCH	4\$
DIMMER SWITCH	\$ ^{DIM}
EXHAUST VENTS	S VENT TO EXT
LOW VOLTAGE PANEL	
PHONE OUTLET	● PH
TV OUTLET	⊕ TV
DATA & RG6 COMBO BOX	
SMOKE DETECTOR	Ŝ
CARBON MONOXIDE SMOKE DETECTOR COMBO	⊚ CM/SD
DOOR CHIMES	CHIMES
ELECTRICAL PANEL	EP EP
SURFACE MOUNT LED	
EXTERIOR WALL MOUNT UPLIGHT	8
SOFFIT MOUNT FLOOD LIGHT	₩
UNDER COUNTER LIGHTING	-cc- UCL
SMURF TUBE	

ELECTRICAL NOTES:

- 1. PROVUE AND INSTALL LOCALLY CERTIFIED

 SMOKE AND CARBON MONOXIDE DETECTORS

 REQUIRED BY NATIONAL FIRE PROTECTION

 ASSOCIATION (NFPA) AND MEETING THE

 REQUIREMENTS OF ALL GOVERNING CODES

 PROVIDE AND INSTALL GROUND FAULT

 ICRCUIT—INTERRUPTERS

 (GT) AS REQUIRED BY

 NATIONAL ELECTRIC CODE (NEC) AND MEETING

 THE REQUIREMENTS OF ALL GOVERNING CODES.

 1. ELECTRICAL CONTRACTOR TO PROVIDE

 REQUIRED DIRECT HOOK—UPS/CUTOFFS.

 1. HVAC CONTRACTOR TO VERIFY THERMOSTAT

 LOCATIONS.

 3. ALL ELECTRICAL AND MECHANICAL EQUIPMENT

 (I.E. FURNACES, A/C UNITS, LECTRICAL PANELS,

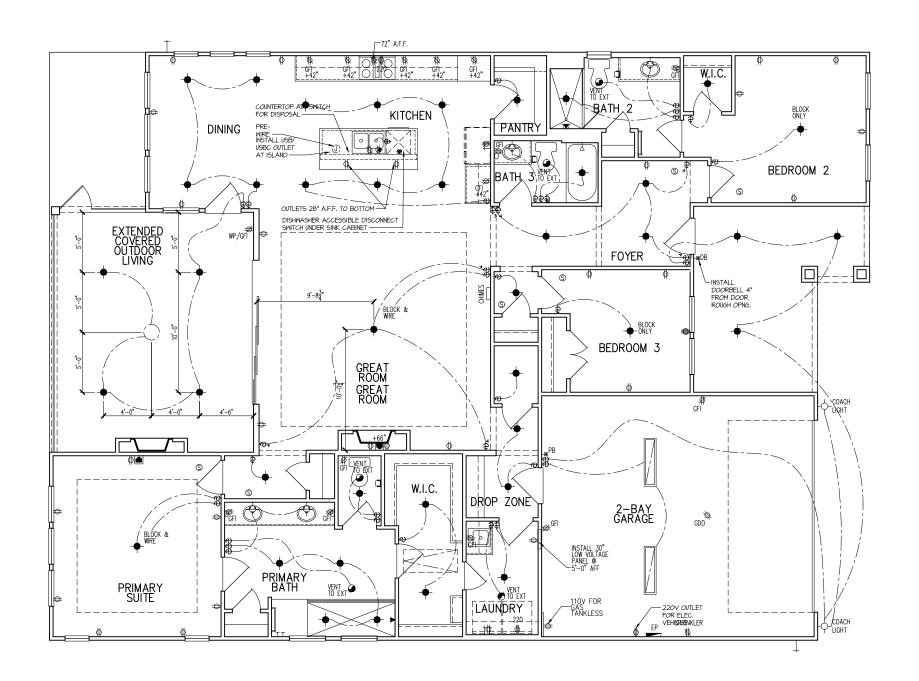
 SANITARY SUMP PITS, DRAIN TILE SUMP, AND

 WATER HEATERS) ARE SUBJECT TO RELOCATION

 DUE TO FIELD CONDITIONS.

WATER HEATERS) ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS.
ELECTRICAL DEVICES: ABOVE FINISHED FLOOR:
SWITCHES OVER COUNTER
WALL OUTLETS OVER COUNTER
+42" TO BOTTOM OF HORIZONTAL OUTLET(TYP. @ COUNTER)
REMAINING SWITCHES
WALL OUTLETS
BATH VANITY BRACKET OUTLET 1,2 (1" ABOVE TOP OF VANITY)
WATER SOFTENER AND SUMP OUTLETS 48" TO CL
EXTERIOR GFI OUTLETS
GARAGE GFI (ABOVE GARAGE FLOOR) 48" TO CL
FRONT DOOR COACH LIGHT 80". JO CL
GARAGE DOOR COACH LIGHT, (ABOVE GARAGE FLOOR) 84". TO CL
THERMOSTAT
DOORBELL CHIMES 84". TO CL
DOORBELL BUTTON DR HANDLE
KITCHEN HOOD FAN "WHIP"
KITCHEN HOOD FAN WHIF
KITCHEN DISHWASHER RECEPTACLE JUNDER SINK
KITCHEN RANGE 24" .TD .CL
KITCHEN REFRIGERATOR
WASHER/DRYER OUTLET
CL = CENTER LINE

CL = CENTER LINE 1 = FIELD VERIFY 2 = MASTER BATH STANDARD 30" HIGH VANITY TO BE RAISED 4"



Dointe HOMES RR BLD. SUITE 400, RALEIGH, NC 27607

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ELECTRICAL PLAN SERENITY ALTIS @ : FIREFLY I FLOOR SUBDIVISION:
ADDRESS: 77
LOT: 336

Issue Date: 10-01-24 ACC

1st

5921-07

(ASPEN CREEK

E1.10B

ELECTRICAL I SCHEDU	FIXTURE LE
DESCRIPTION	SYMBOL
110V OUTLET	ф
220V OUTLET	\$ 220
1/2 HOT OUTLET	
GFI OUTLET	₩ GFI
WP GFI OUTLET	₩P/GFI
GARAGE DOOR OPENER OUTLET	Ø GDO
SECURITY SYSTEM	∯SEC SYS
DISHWASHER	⊛DW
JUNCTION BOX	Ū
CEILING MOUNTED LIGHT	-
CEILING FAN w/ LIGHT KIT	BRAZING
RECESSED CEILING LIGHT	Ø
RECESSED WATER PROOF LIGHT	™ MP
WALL MOUNTED LIGHT	Ŷ
WALL MOUNTED PUSH BUTTON	d PB
TWO WAY SWITCH	\$
THREE WAY SWITCH	* \$
FOUR WAY SWITCH	₩
DIMMER SWITCH	\$ ^{DIM}
EXHAUST VENTS	S VENT TO EXT
LOW VOLTAGE PANEL	
PHONE OUTLET	●PH
TV OUTLET	TV
DATA & RG6 COMBO BOX	
SMOKE DETECTOR	Ŝ
CARBON MONOXIDE SMOKE DETECTOR COMBO	⊚ CM/SD
DOOR CHIMES	CHIMES
ELECTRICAL PANEL	EP EP
SURFACE MOUNT LED	•
EXTERIOR WALL MOUNT UPLIGHT	8
SOFFIT MOUNT FLOOD LIGHT	₹\$^
UNDER COUNTER LIGHTING	eco- UCL
SMURF TUBE	

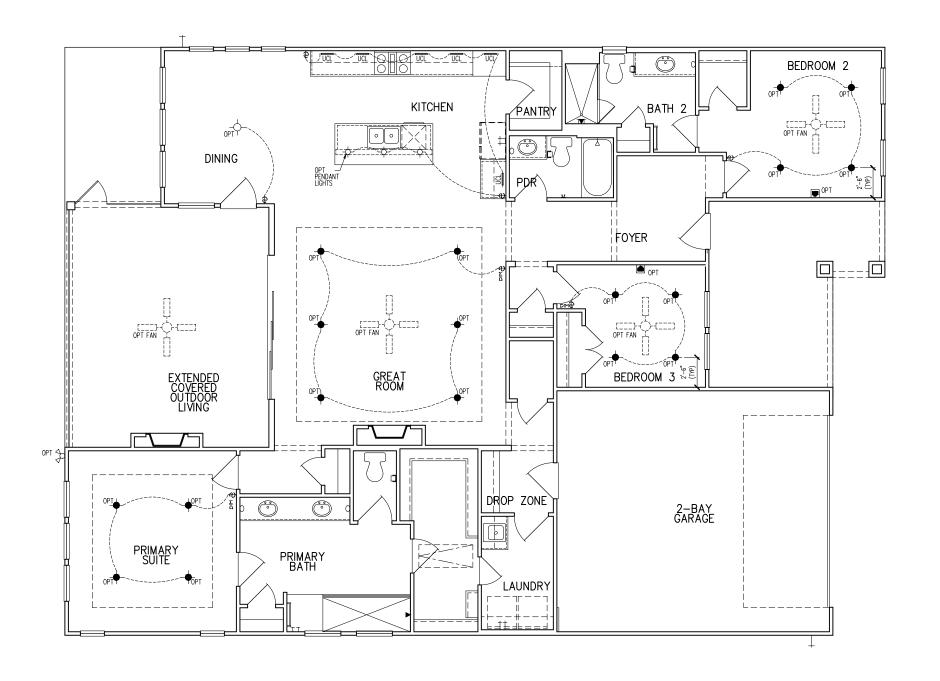
ELECTRICAL NOTES:

- 1. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE AND CARBON MONOXIDE DETECTORS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES 2. PROVIDE AND INSTALL GROUND FAULT CIRCUIT—INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.

 3. ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED DIRECT HOOK—UPS/CUTOFFS.
 4. HVAC CONTRACTOR TO VERIFY THERMOSTAT LOCATIONS.
 5. ALL ELECTRICAL AND MECHANICAL EQUIPMENT (I.E. FURNAGES, A/C UNITS, ELECTRICAL PANELS, SANITARY SUMP PITS. DRAIN TILE SUMP. AND

(I.E. FURNACES, A/C UNITS, ELECTRICAL PANELS, SANITARY SUMP PITS, DRAIN TILE SUMP, AND WATER HEATERS) ARE SUBJECT TO RELOCATION
DUE TO FIELD CONDITIONS.
ELECTRICAL DEVICES: ABOVE FINISHED FLOOR:
SWITCHES OVER COUNTER
WALL OUTLETS OVER COUNTER
+42" TO BOTTOM OF HORIZONTAL OUTLET(TYP. @ COUNTER)
REMAINING SWITCHES
WALL OUTLETS
BATH VANITY BRACKET OUTLET 1,2 (1" ABOVE TOP OF VANITY)
WATER SOFTENER AND SUMP OUTLETS 48" TO CL
EXTERIOR GFI OUTLETS
GARAGE GFI (ABOVE GARAGE FLOOR) 48" TO CL
FRONT DOOR COACH LIGHT
GARAGE DOOR COACH LIGHT, (ABOVE GARAGE FLOOR)
THERMOSTAT
DOORBELL CHIMES
DOORBELL BUTTON
KITCHEN HOOD FAN "WHIP"
KITCHEN WALL HUNG MICROWAVE OUTLET 72" TO CL
KITCHEN DISHWASHER RECEPTACLE JUNDER SINK
KITCHEN RANGE
KITCHEN REFRIGERATOR
WASHER/DRYER OUTLET

CL = CENTER LINE 1 = FIELD VERIFY 2 = MASTER BATH STANDARD 30" HIGH VANITY TO BE RAISED 4"



Dointe HOMES RELD. SUITE 400, RALEIGH, NG 27607

Business Operations 5440 Wade Park Blvd Suite 400 Raleigh, NC 27607

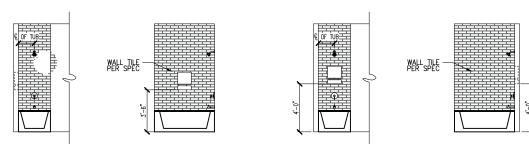
OPITONS ALTIS @ SERENITY FIREFLY LN 1st FLOOR ELEC. PLAN . 22 SUBDIVISION:
ADDRESS: 77
LOT: 336

Issue Date: 10-01-24 Drawn By: ACC

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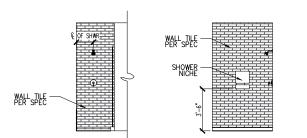
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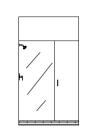
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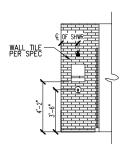


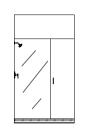


TYPICAL SHOWER NICHE AT TUB SHOWER DETAIL





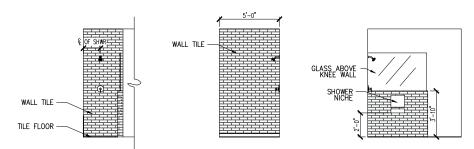




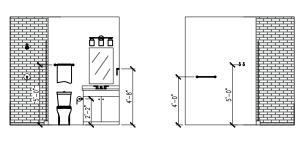
TYPICAL SHOWER NICHE AT SHOWER DETAIL

TYPICAL SHOWER NICHE AT SHOWER DETAIL

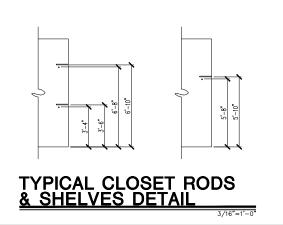
WALL TILE PER SPEC







TYPICAL HEIGHTS FOR BATH FIXTURES DETAIL



tripointe.

HOMES

S440 WADE PARK BLVD, SUITE 400, RALEIGH, NC 27607

Business Operations 5440 Wade Park Blvd Suite 400 Raleigh, NC 27607

SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 77 FIREFLY LN
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Issue Date: 10-01-24
Drawn By: ACC

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ASPEN CREEK

D1.0

GENERAL STRUCTURAL NOTES

FLOOR FRAMING

- I IOISTS/TRUSSES SHALL BE DESIGNED BY MANUE TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA. (EXCLUDES STONE/MARBLE OR WET BED CONSTRUCTED FLOORS - CONTACT M&K FOR EXCLUDED FLOOR DESIGNS)
- PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIEY THAT THE FINISHES TO BE INSTALLED. MATCH THE DESIGN CRITERIA NOTED ABOVE (UNDER "DESIGN
- FLOOR SYSTEMS & SHEATHING HAVE BEEN DESIGNED TO SUPPORT ADDITIONAL DEAD LOAD FROM CERAMIC TILE (EXCLUDING MARBLE OR STONE). HOWEVER, IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO PROVIDE PROPER UNDERLAYMENT, UNCOUPLING MEMBRANE AND MORTAR/GROUT PER THE ASSEMBLY DESIGNATIONS IN THE TONA HANDBOOK (TILE COUNCIL OF NORTH AMERICA).
- AT I-JOIST FLOORS, PROVIDE I 1/8" MIN. OSB RIM BOARD.
- METAL HANGERS SHALL BE SPECIFIED BY MANUFACTURER, U.N.O.
- I-JOIST/TRUSS SHOP DWGS. SHALL BE SUBMITTED TO ARCH. & ENG. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY
- FLOOR SHEATHING SHALL BE 23/32" A.P.A. RATED 'STURD-I-FLOOR' 24" O.C. EXPOSURE I (OR APPROVED EQUAL) WITH TONGUE AND GROOVE EDGES. FASTEN TO FRAMING MEMBERS W GLUE AND
- 2 ½" × 0.131" NAILS @ 6"o.c. @ PANEL EDGES & @ 12"o.c. FIELD.
- 2 3 × 0.120 NAILS @ 4" O.C. @ PANEL EDGES \$ @ 8" O.C. FIELD. - 2 3" x 0.113" NAIL 5 @ 3" Q.C. @ PANEL EDGES & @ 6" Q.C. IN FIELD

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE I (OR APPROVED EQUAL). FASTEN TO FRAMING MEMBERS
- W/ 2 ½" x 0.131" NAILS @ 6"o.c. @ PANEL EDGES \$ @ 12" O.C. FIELD.
- · w/ 2 🖁 × 0.120" NAILS 🥑 4"o.c. 💇 PANEL EDGES 🕏 🗗 O.C. FIELD. - w/ 2 🐉 × 0.113" NAILS @ 3"o.c. @ PANEL EDGES & @ 6" O.C. FIELD
- WITHIN 48" OF ALL ROOF FDGES RIDGES & HIPS FASTEN ROOF SHEATHING FIELDS PER EDGE NAILING SPEC
- EASTEN EACH ROOF TRUSS TO TOP PLATE W/ SIMPSON H25T CLIP (OR APPROVED EQUAL) @ ALL BEARING POINTS. PROVIDE (2) H2.51 CLIPS AT 2-PLY GIRDER TRUSSES, (3) H2.5T CLIPS AT 3-PLY GIRDER TRUSSES & ROOF BEAMS - AT ALL BEARING POINTS.
- METAL HANGERS SHALL BE SPECIFIED BY THE MANUFACTURER, U.N.O.
- ROOF TRUSS SHOP DWGS SHALL BE SUBMITTED TO ARCH & ENG. FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY
- ERECT AND INSTALL ROOF TRUSSES PER WTCA & TPI'S BCSI I "GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING & BRACING
- OF METAL PLATE CONNECTED WOOD TRUSSES. SUPPORT SHORT SPAN ROOF TRUSSES W/2x4 LEDGER FASTENED TO

FRAMING w/(2) 3" x 0.120" NAILS @ 16" O.C. (UP TO 7' SPAN).

CONNECTION SPECIFICATIONS (TYP. U.N.O.)

DESCRIPTION OF BLDG. ELEMENT	3"x0.131" NAILS	3"x0.120" NAILS	
JOIST TO SOLE PLATE	(3) TOENAILS	(3) TOENAILS*	
SOLE PL. TO JOIST/RIM OR BLK'G	NAILS @ 4" o.c.	NAILS @ 4" o.c.	
STUD TO PLATE	(4) TOENAILS/ (3)END NAILS	(4) TOENAILS/ (4)END NAILS*	
RIM TO TOP PLATE	TOENAILS @ 6" o.c.	TOENAILS @ 4" o.c.*	
BLK'G. BTWN. JOISTS TO TOP PL.	(3) TOENAILS EA. END	(3) TOENAILS EA. END*	
DOUBLE STUD	NAILS @ 16" O.C.	NAILS @ 16" O.C.	
DOUBLE TOP PLATE	NAILS @ 12" o.c.	NAILS @ 8" o.c.	
DOUBLE TOP PLATE LAP SPLICE	(12) NAILS IN LAPPED AREA (24" MIN.)	(15) NAILS IN LAPPED AREA (24" MIN.)	
TOP PLATE LAP @ CORNERS \$ INTERSECTING WALLS	(3) NAILS	(3) NAILS	
RAFTER/TRUSS TO TOP PLATE	(4) TOENAILS +	(4) TOENAILS +	
GAB. END TRUSS TO DBL. TOP PL.	(I) SIMPSON H2.5T TOENAILS @ 8" O.C.	(I) SIMPSON H2.5T TOENAILS @ 6" O.C.	
		2xI0 BLK EVERY 3RD BAY	
R.T. w/ HEEL HT. 9 ¼" TO 12"	2xIO BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE	FASTENED TO DBL. TOP PLATE	
	w/ TOENAILS @ 6" O.C.	w/ TOENAILS @ 4" O.C.	
R.T. w/ HEEL HT. 12" TO 16"	2xI2 BLK EVERY 3RD BAY	2xI2 BLK EVERY 3RD BAY	
	FASTENED TO DBL. TOP PLATE	FASTENED TO DBL. TOP PLATE	
	w/ TOENAILS @ 6" O.C.	w/ TOENAILS @ 4" O.C.	
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG. W/ DBL. TOP PL.	LAP WALL SHTG. W/ DBL. TOP PL.	
	& INSTALL ON TRUSS VERT	& INSTALL ON TRUSS VERT	
	FASTEN w/ NAILS @ 6" O.C.	FASTEN w/ NAILS @ 6" O.C.*	
R.T. w/ HEEL HT. 24" TO 48"	LAP WALL SHTG. W/ DBL. TOP PL.	LAP WALL SHTG. W/ DBL. TOP PL.	
	& INSTALL ON TRUSS VERT	# INSTALL ON TRUSS VERT	
	FASTEN W/ NAILS @ 6" O.C.	FASTEN w/ NAILS @ 6" O.C.	
	PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL	PROVIDE 2x BLK @ EA. BAY AT	
		TOP OF HEEL*	
WALL TO FOUNDATION	WALL SHTG. LAP w/ SILL PL. &		
	FASTENED PER SHEAR WALL		
* 0/1 0 1/2 1/2 1/4 1/2 2/2 1/4	FASTENING SPEC.	Leve on the property of	
* 2½"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS. (ONLY ACCEPTABLE WHERE * ARE SHOWN)			
COLL FOOL FULL FULL FULL FULL FULL FULL F			

GENERAL STRUCTURAL NOTES

DESIGN LOADING

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
- WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION
- DESIGN LOADS ROOF

FLOOR

SNOW = 15 PSF (12 PSF GROUND SNOW, TRUSSES) LIVE = 20 PSF (REDUCIBLE BASED ON ROOF PITCH) DEAD = 7 PSF T.C., IO PSF B.C. LOAD DURATION FACTOR = 125

LIVE = 40 PSE (30 PSE @ SLEEPING AREAS)

DEAD = 10 PSF (I-JOISTS), 15 PSF (FLOOR TRUSSES) ADD'L IO PSE @ CERAMIC TILE IN KITCHEN. SUNROOMS, BATHS, FOYER, LAUND. & MUDRMS

2,000 PSF ASSUMED ALLOWABLE BEARING PRESSURE (TO BE VERIFIED BY BUILDER)

115 MPH, EXPOSURE B

GENERAL FRAMING

- ALL TYP, NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE (IRC TABLE R602.3(1)) OR ON PLANS. ALL NAILS SPECIFIED ARE MIN DIAMETER AND LENGTH REQUIRED FOR CONNECTION. ALL HANGER NAILS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS FOR MAX CHARTED CAPACITY NOTE: HANGERS USE COMMON NAIL DIAMETERS NOT TYPICAL FRAMING GUN NAILS.
- EXT & INT BEARING WALLS SHALL BE 2x4 OR 2x6 (AS SHOWN ON PLANS) @ 16" O.C. SPF/SP #2 GRADE LUMBER, OR BETTER, U.N.O.. · WALLS OVER 12' TALL SHALL BE PER PLAN.
- ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED W/ GYP WALL BOARD (ONE SIDE MIN.) OR PROVIDE MID HT. BLOCKING
- ALL HEADERS, BEAMS & OTHER STRUCTURAL MEMBERS SHALL BE SPRUCE-PINE-FIR #2 (SPE) OR SOUTHERN PINE #2 (SP) LUMBER, OR BETTER, SUPPORT ALL HEADERS/ BEAMS W/ (1)2x JACK STUD & (1)2x KING STUD MINIMUM
- THE NUMBER OF STUDS SPECIFIED AT A SUPPORT INDICATES THE NUMBER OF JACK STUDS REQUIRED, U.N.O.,
- ALL NON-BEARING INTERIOR STUD WALLS SHALL BE CONSTRUCTED WITH 2x 'STUD' GRADE MEMBERS SPACED @ 24" O.C. (MAX., U.N.O.)

 • HEADERS IN NON-LOAD BEARING WALLS SHALL BE: (I)2x4/6 FLAT @ OPENINGS UP TO 4', (2)2x4/6 FLAT UP TO 8'.
- ALL FRAMING LUMBER SHALL BE DRIED TO 15% MC (KD-15).
- ENGINEERED LUMBER BEAMS TO MEET OR EXCEED THE FOLLOWING: • 'LVL' - Fb=2600 psi; Fv=285 psi; E=2.0x10^6 psi
- ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING 'LVL' - Fb=2400 psi; FcII=2500 psi; E=1.8xI0^6 psi
- FOR 2 & 3 PLY BEAMS OF EQUAL 134" MAX. MIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"XO.120" NAILS @ 8" O/C OR 2 ROWS K"x3K" SIMPSON SDS SCREWS (OR 3K" TRUSSI OK SCREWS) @ 16" GREATER. APPLY EASTENING AT BOTH FACES FOR 3-PLY CONDITION. LOCATE TOP & BOTTOM NAILS/SCREWS 2" FROM EDGE. SOLID 31/3" OR 51/4" BEAMS ARE ACCEPTABLE, USE 2 ROWS OF NAILS FOR 2x6 \$ 2x8 MEMBERS
- FOR 4 PLY BEAMS OF EQUAL 13/4" MAX, WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF K"X6" SIMPSON SDS SCREWS (OR 6 3/1 TRUSSLOK SCREWS) @ 16" O/C. USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR GREATER, APPLY FASTENING AT BOTH FACES (ONE SIDE ONLY FOR TRUSSLOK SCREWS). LOCATE TOP AND BOTTOM SCREWS 2" FROM EDGE A SOLID 7" BEAM IS ACCEPTABLE
- PROVIDE SOLID BLOCKING IN FLOOR SYSTEM UNDER ALL POSTS CONTINUOUS TO FND./BEARING. BLOCKING TO MATCH POST ABOVE.
- ALL EXTERIOR 4x4 WOOD POSTS SHALL HAVE SIMPSON BCS2-2/4 CAP & ABW44 BASE, U.N.O.
- CORROSION NOTES
- BUILDER RESPONSIBLE TO DETERMINE CORROSION-RESISTANCE REQUIREMENTS AND COMPATIBILITY OF HARDWARE FASTENERS AND CONNECTORS FOR ENVIRONMENTAL EXPOSURE AND IN CONTACT W/ PRESERVATIVE-TREATED WOOD OF ACTUAL FINAL CONDITIONS AND SOURCED MATERIALS. CONTACT LUMBER & HARDWARE SUPPLIERS TO COORD.

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE.
- FOOTING DESIGN 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED. BUILDER/CONTRACTOR MUST VERIFY.
- FASTEN 2x4/6 SILL PLATES TO CONC FND WITH A MINIMUM OF 2 ANCHORS PER PLATE 12" MAX FROM PLATE ENDS - UTILIZING:
 - I/2" DIA. ANCHOR BOLTS 6'-0" O.C,7" MIN. EMBEDMENT I/2" DIA. x 6" LONG SIMPSON TITEN HD @ 6'-0" O.C.
 - SIMPSON MASA ANCHOR STRAPS @ 6'-0" O.C. (CONCRETE)
- ALL LUMBER EXPOSED TO WEATHER OR IN CONTACT W/ PERIMETER
- FOUNDATION SHALL BE PRESERVATIVE TREATED SOUTHERN PINE #2. BUILDER TO VERIEY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT W/ PRESERVATIVE-TREATED
- WOOD CONTACT LIMBER & HARDWARE SUPPLIERS TO COORD • FOOTINGS SHALL BE PLAIN CONCRETE, U.N.O.
- CONCRETE DESIGN BASED ON ACL 318, CONCRETE SHALL ATTAIN THE FOLLOWING MIN. COMPRESSIVE STRENGTHS IN 28 DAYS, U.N.O. f'c = 3,000 psi: FOOTINGS & INTERIOR SLABS ON GRADE 3,500 psi: GARAGE & EXTERIOR SLABS ON GRADE fu = 60.000 psi
- ALL CONCRETE EXPOSED TO THE WEATHER SHALL NOT HAVE LESS. THAN 5% OR MORE THAN 7% AIR ENTRAINMENT
- ALL FOOTINGS SHALL BEAR BELOW FROST LINE (TYP.) OR 12" MIN IN REGIONS WHERE CODE FROST DEPTH IS NOT APPLICABLE. CONSULT SOILS REPORT OR BUILDING DEPT. FOR MINIMUM DEPTH BELOW GRADE
- FOOTINGS AND SLABS ON GRADE SHALL BEAR ON VIRGIN SOIL OR
- PROVIDE CONTROL JOINTS AT ALL INSIDE CORNERS OF SLAB EDGES, AND OTHER LOCATIONS WHERE SLAB CRACKS ARE LIKELY TO DEVELOP
- JOINTS SHALL BE LOCATED @ IO'-O" O.C. (RECOMMENDED) OR 15'-0" O.C. (MAXIMUM)
- . JOINT GRID PATTERN SHALL BE AS CLOSE TO SQUARES AS POSSIBLE (I:I RATIO), WITH A MAXIMUM OF I:I.5 RATIO
- · CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL
- DIMENSIONS BY OTHERS, BUILDER TO VERIFY

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN** LEFT-HAND **GARAGE**

NO FIRE RATED WALL REQUIRED

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURES AND SEQUENCE TO THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO, THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION OF THE PROJECT

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL, INCLUDING, BUT NOT LIMITED TO: FOUNDATIONS SLABS ON GRADE, BEAMS, WALLS, AND NON-BEARING ELEMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIEY LEVELNESS AND MAKE ADJUSTMENTS AS NECESSARY, INCLUDING CONSIDERATION OF THOSE AREAS THAT MAY BE WITHIN CONTRACTUAL, INDUSTRY OR WARRANTY TOLERANCES

VENEER LINTEL SCHEDULE

SPAN (MAX)	HEIGHT OF VENEER ABOVE LINTEL	STEEL ANGLE SIZE
3'-0"	20 FT. MAX	L3"x3"x/4"
	3 FT. MAX	L3"x3"x/4"
6'-0"	I2 FT. MAX	L4"x3"x/4"
	20 FT. MAX	L5"x3½"x%6"
8'-0"	3 FT. MAX	L4"x4"x/4" *
<i>δ</i> -0"	I2 FT. MAX	L5"x3½"x%6"
	I6 FT. MAX	L6"x3½"x¾"
9'-6"	I2 FT. MAX	L6"x3½"x%6"
16'-0"	2 FT. MAX	LT"x4"x½" **
	2 ET MAY	Q"\\/"\\/" **

- ILLIMITES.

 \$404LL SIPPORT 2 3/* 3 /5' VIDEER W 40 PM MAXIMM MEIGHT.

 16' SHALL HAVE 4" MIN. BEARING

 16' SHALL HAVE 9" MIN. BEARING

 16' SHALL HAVE 9" MIN. BEARING

 16' SHALL BY STEEPED BACK TO MOOD HEADER IN MALL 446"02. W 3/* DIA. x 3 /5'

 LONG LAG SCREPK IN 2" LONG VERTICALLY SLOTTED HOLES.

 MAY. VEREER IN APPLIES TO ANY FORTION OF PERCK OVER THE OPENING.

 ALL INITIES SHALL BE LONG LEG VERTICAL.

 MAY BEC OF IN THE PELLO TO BE 3/5' MUSE OVER THE BEARING LIGHTH ONLY. THIS

 SEE STRUCTURAL PANG FOR ANY LIMITEL CANDITION NOT ENCOMPASSED BY THE

 ROOK GERN LIGHTHES.

FOR QUEEN VENEER USE L4x3x/4". * FOR 3½" VENEER ONLY, SEE PLAN FOR VENEER SUPPORT IF VENEER < 3½" THICK

ADDITIONAL NOTES FOR TRUSS \$ I-JOIST MANUFACTURER

ROOF TRUSS, FLOOR TRUSS AND ENGINEERED JOISTS SHALL BE DESIGNED TO MEET THE DEFLECTION CRITERIA BELOW, UNLESS NOTED OTHERWISE ON PLAN, MULHERN & KULP CANNOT BE HELD RESPONSIBLE FOR ANY STRUCTURAL ISSUES
RELATED TO ANY BUILDING COMPONENT IF COMPONENT SHOP DRAWINGS ARE NOT SUBMITTED TO M&K FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION.

TRUSSES/LIGISTS SHALL BE DESIGNED SO THAT DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL TRUSSES/JOISTS OR GIRDER TRUSSES/FLUS BEAMS DO NOT EXCEED THE FOLLOWING: A ROOF TRUSSES.

- I/4" DEAD LOAD
- FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS: I/8" DEAD LOAD

 ABSOLUTE DEAD LOAD DEFECTION OF FLOOR

TRUSSES/ATTIC TRUSSES WHEN ADJACENT TO FLOOR FRAMING BY OTHERS SHALL BE LIMITED TO 3/16". (NO DIFFERENTIAL DEFLECTION

FLOOR JOIST NOTES

- ALL FLOOR JOISTS SHALL BE THE DEPTI SPECIFIED ON PLAN - FLOOR JOISTS SERIES & SPACING IS PER THE FLOOR JOIST MANUF.
 - SPACING SHALL NOT EXCEED 19.2" O.C. (MAX.) @ LOCATION OF TILE: SPACING SHALL NOT
 - EXCEED I6" O.C. (MAX.)

LATERAL/WALL BRACING & WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM:

5 MPH WIND IN 2018 NCSBC:RC

(115 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER IRC R301,2,1,1) EXP. B, RISK CAT. 2 & SEISMIC CAT. A/B.

THE DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1609) & ASCE 7-10, AS PERMITTED BY R301,1,3 OF THE 2018 NCSBC:RC, ACCORDINGLY, THIS MODEL, AS DOCUMENTED AND DETAILED HEREWITHIN, IS ADEQUATE TO RESIST THE CODE REQUIRED LATERAL FORCES.

DESIGN WIND UPLIET LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7-10 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NCSBC:RC SECTION R802.II.I.I. THIS MODEL HAS BEEN DETAILED WHERE REQUIRED & ENGINEERED TO RESIST THE WIND UPLIFT LOAD PATH PER SECTIONS R602.3.54 R802.II.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING W/ 2 3 XO.II3 NAILS @ 6" O.C. AT EDGES & @ 12" O.C. IN THE PANEL FIELD. (TYP, U.N.O.) ALL SHEATHING PANELS SHALL BE ORIENTED
- VERTICALLY (LONG DIRECTION PARALLEL TO STUDS) AND INSTALLED FULL HEIGHT OF SHEAR WALL OR -2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT ALL UNSUPPORTED PANEL EDGES & EDGE
- ALL EXT. WALLS SHALL BE CONTINUOUSLY SHEATHED AND ARE CONSIDERED SHEAR WALLS.
- ALT. STAPLE CONNECTION SPEC: 1 3/4" 16 GA STAPLES (1/6" CROWN) @ 3" O.C. AT EDGES \$ @ 6" O.C IN FIELD.

3" O.C. EDGE NAILING

 AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W 2 3" x 0.113" NAILS @ 3" O.C. AND 12" O.C. IN THE PANEL FIELD NO STAPLE ALTERNATIVE AVAILABLE AT THIS SPEC. ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY (LONG DIRECTION PARALLEL TO STUD) AND INSTALLED FULL HEIGHT OF SHEAR WALL - OR - 2x HORIZONTAL BLOCKING SHALL BE PROVIDED TO SUPPORT UNSUPPORTED PANEL EDGES AND 3" O.C. EDGE FASTENING.

TYP. UNIT SEPARATION WALL SHEATHING SPECIFICATION

I/2" OR 5/8" GYPSUM WALL BOARD: FASTEN GWB SHEATHING TO FRAMING W/ I \$"X0.086" COOLER NAILS OR I 1/4" DRYWALL SCREWS @ 7" O.C. " PANEL EDGES & PANEL FIELD (INCLUDING T&B PLATES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING. IF ADDITIONAL CAPACITY IS REQUIRED BY DESIGN. FWILL BE SPECIFICALLY NOTED ON PLAN
- DESIGN ASSUMES 16" O.C MAX. STUD SPACING, U.N.O.
- · ALL STRUCTURAL PANELS ARE TO BE DIRECTLY APPLIED TO STUD FRAMING.
- PRE-MANUFACTURED PANELIZED WALLS: FASTEN TOGETHER END STUDS OF WALL PANELS SHEATHED W/ OSB OR PLYWOOD W/ 3" x 0,120" NAILS @ 4" O.C. (THRU ONE SIDE ONLY)

INDICATES EXTENT OF INT OSB SHEARWALL, BLOCKED PANEL EDGES. AND/OR 3" O.C. EDGE NAILING

INDICATES HOLDOWN

MULHERN+KULP

RESIDENTIAL STRUCTURAL ENGINEERING

SEES Brodeside Parkwey, Sale 250 - Aphrenia, SA 30022

P.770-771-0014 - multimizape.com



Julhern+Kulp project number 243-24033

SMI KM ssue date: 08-16-2024

REVISIONS

initial: SMM NAME, OPT. EXT. COVID. PORCH 1-08-2024 5-28-2025

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NOTES MODI GENERAL

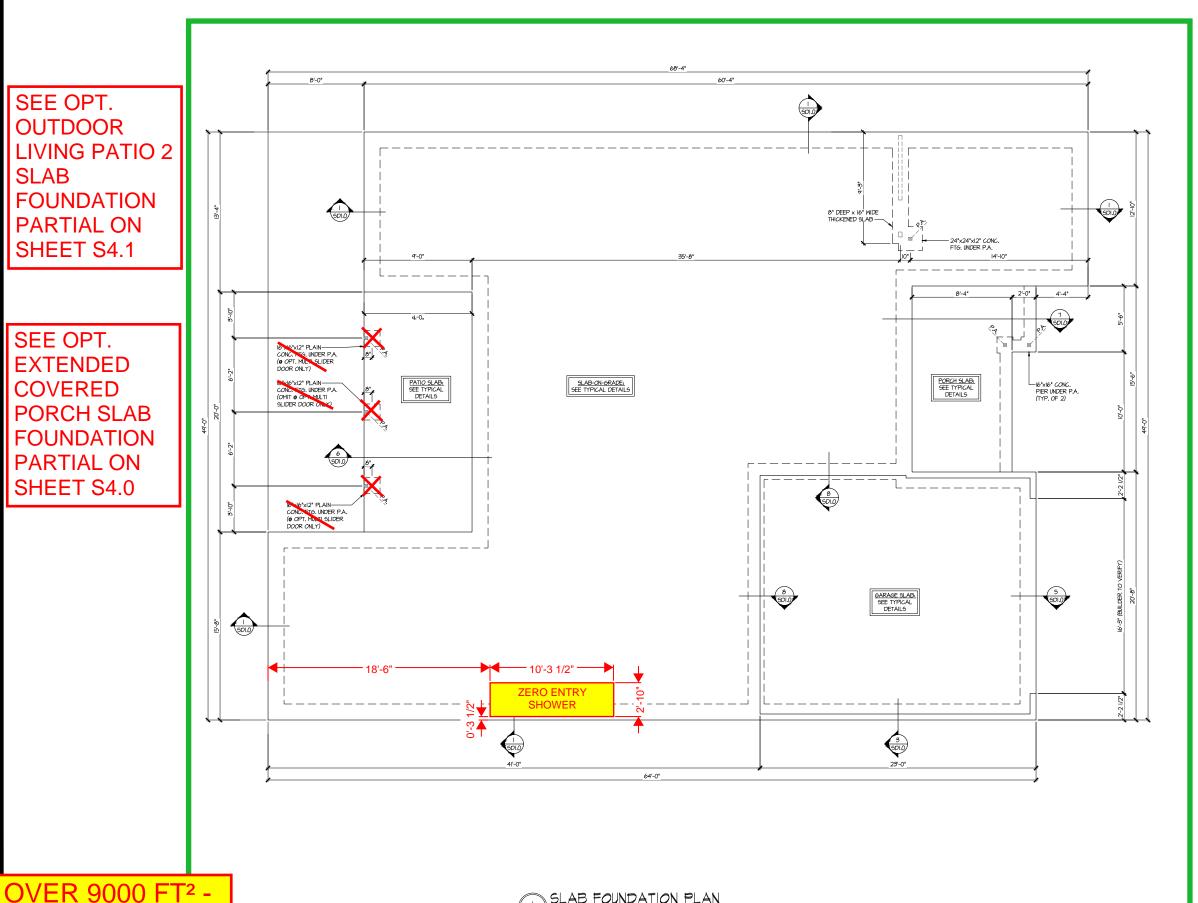
SERENITY MASTER SET RALEIGH, NC \bigcirc 5921

S0.0

SEE OPT. **OUTDOOR LIVING PATIO 2 SLAB FOUNDATION PARTIAL ON** SHEET S4.1

SEE OPT. **EXTENDED COVERED PORCH SLAB FOUNDATION** PARTIAL ON SHEET S4.0

L REQUIRED



SLAB FOUNDATION PLAN

ELEV. A

SCALE: 1/4"=1'-0" (22x24 SHEET)

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN LEFT-HAND GARAGE**

SEE ELEVATION B **FOUNDATION** PLAN PARTIAL ON SHEET S1.1

MULHERN+KULP RESIDENTIAL STRUCTURAL ENSINEERINS 3855 Brookside Parkway, Sulp 250 - Apharam, SA, 30022 p.719-717-0074 - multimologicom NC Licence # C-3025

243-2403:

SMK KΜ\ issue date: 08-16-2024

REVISIONS:

ULIC. 11-08-2024 UPDATED MODEL NAM 05-28-2025 MISC. ARCH. UPDATE 4 SMM L NAME, OPT. EXT. COVID. PORCH 25 JPP

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□□□□□ BEARING WALL ABOVE (B.W.A.)

INDICATES EXTENT OF INT.

OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING

TYPICAL STRUCTURAL NOTES

LEGEND

INTERIOR BEARING WALL

► INDICATES HOLDOWN

* INDICATES POST ABOVE. PROVIDE SOLID

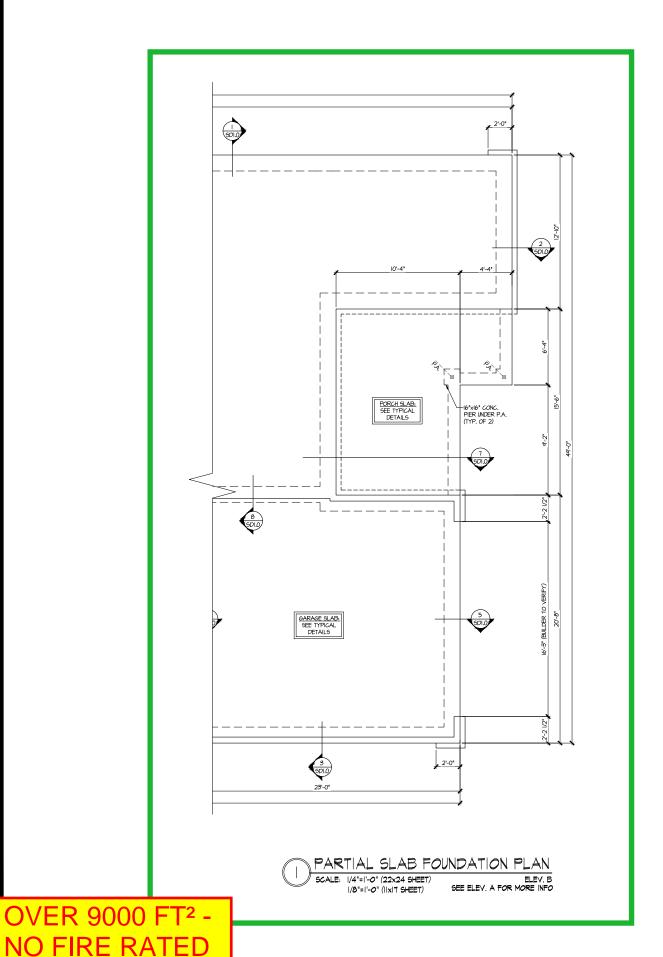
REFER TO SO.O FOR & SCHEDULES

FOUNDATION PLAN

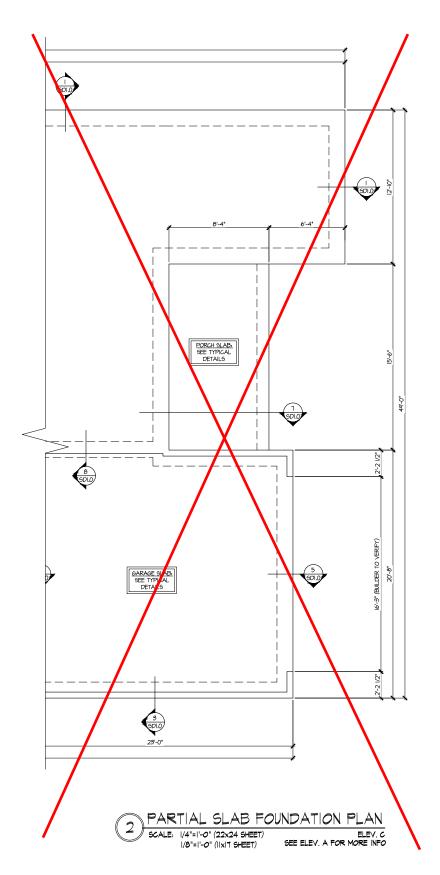
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5921-07 MODEI

SERENITY MASTER SET RALEIGH, NC



L REQUIRED



REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN LEFT-HAND GARAGE**

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FOUNDATION PLAN

5921-07 MODEI

SERENITY MASTER SET RALEIGH, NC

S1.1

LEGEND

INTERIOR BEARING WALL

● □===□ BEARING WALL ABOVE (B.W.A.)

BEAM / HEADER

INDICATES EXTENT OF INT.

OSB SHEARWALL AND/OR
3" O.C. EDGE NAILING

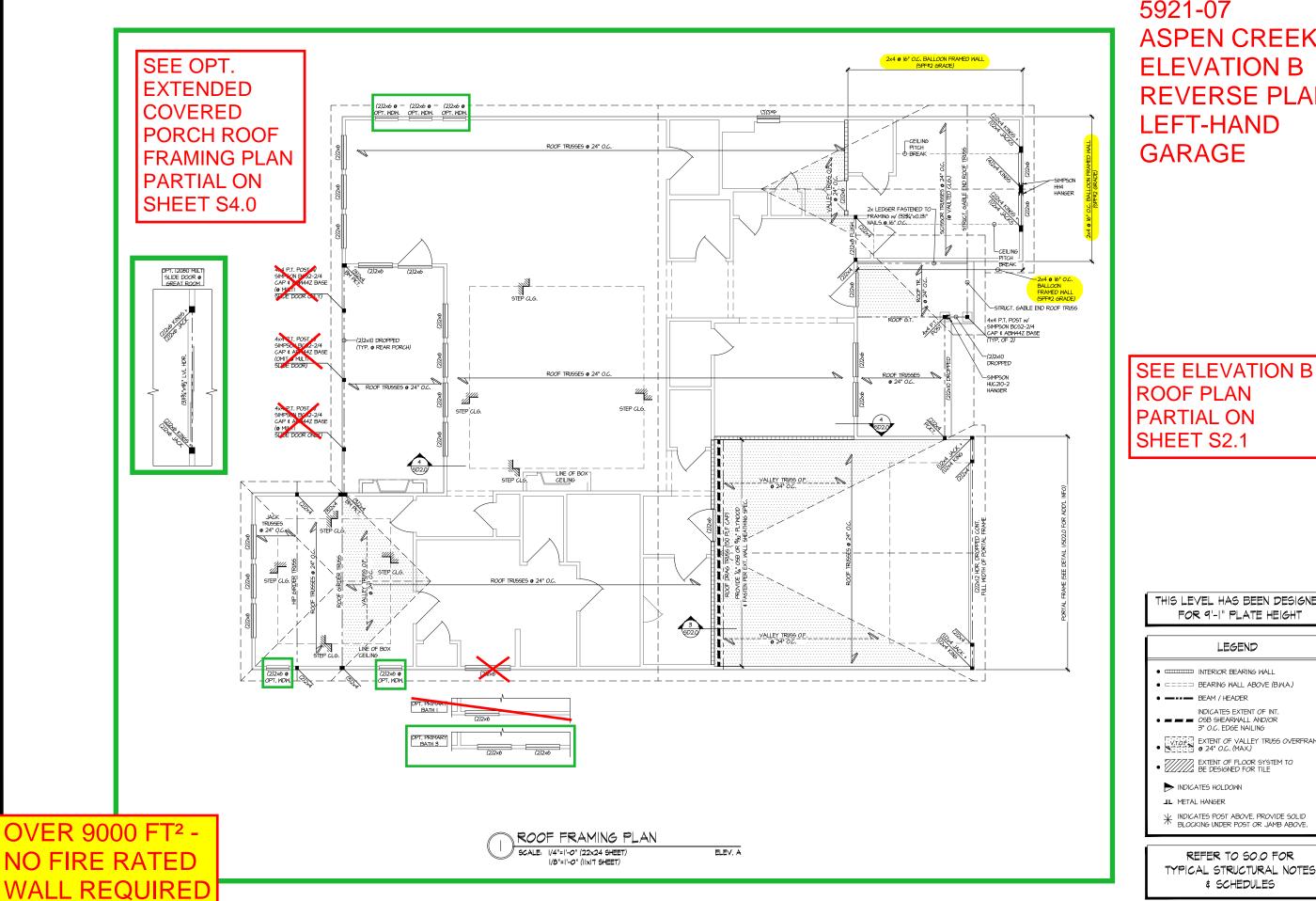
EXTENT OF VALLEY TRUSS OVERFRAMING

EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE

NDICATES HOLDOWN

JL METAL HANGER

* INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.





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THIS LEVEL HAS BEEN DESIGNED FOR 9'-I" PLATE HEIGHT

LEGEND

- INTERIOR BEARING WALL
- ==== BEARING WALL ABOVE (B.W.A.)
- INDICATES EXTENT OF INT. ■ 09B SHEARWALL AND/OR 3" O.C. EDGE NAILING

- NDICATES HOLDOWN
- * INDICATES POST ABOVE. PROVIDE SOLID

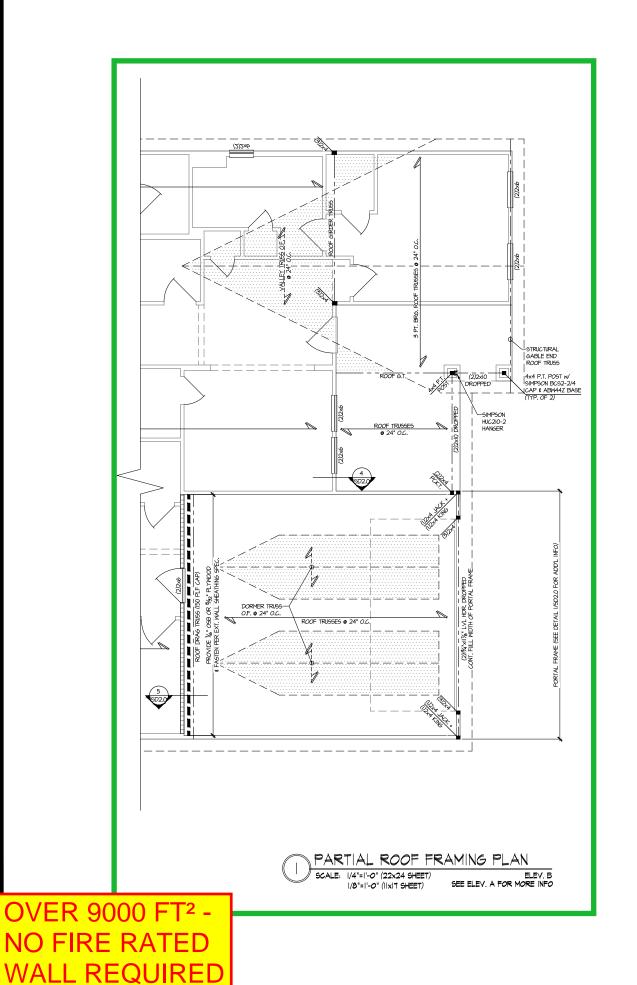
REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

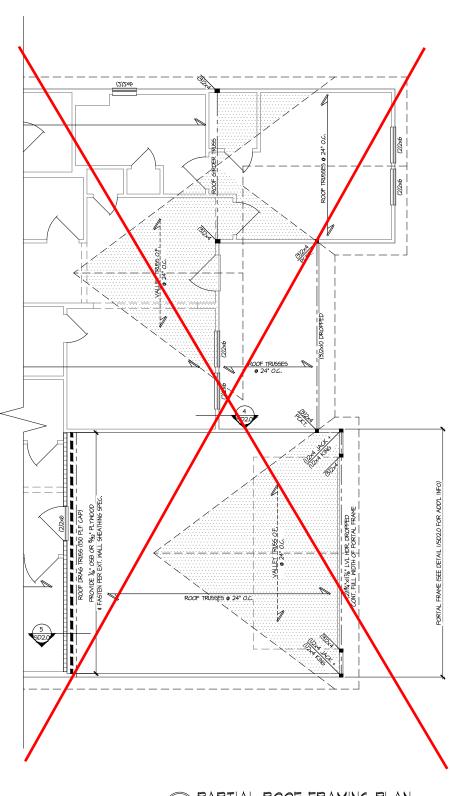
ROOF FRAMING PLAN

5921-07 MODEI

SERENITY MASTER SET RALEIGH, NC

S2.0





PARTIAL ROOF FRAMING PLAN ELEV. C SEE ELEV. A FOR MORE INFO

SCALE: 1/4"=1'-0" (22x24 SHEET) 1/8"=1'-0" (IIxI7 SHEET)

THIS LEVEL HAS BEEN DESIGNED FOR 9'-I" PLATE HEIGHT

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN LEFT-HAND GARAGE**



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LEGEND

INTERIOR BEARING WALL

■ ==== BEARING WALL ABOVE (B.W.A.)

BEAM / HEADER

INDICATES EXTENT OF INT.

OSB SHEARWALL AND/OR
3" O.C. EDGE NAILING

EXTENT OF VALLEY TRUSS OVERFRAMING

EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE

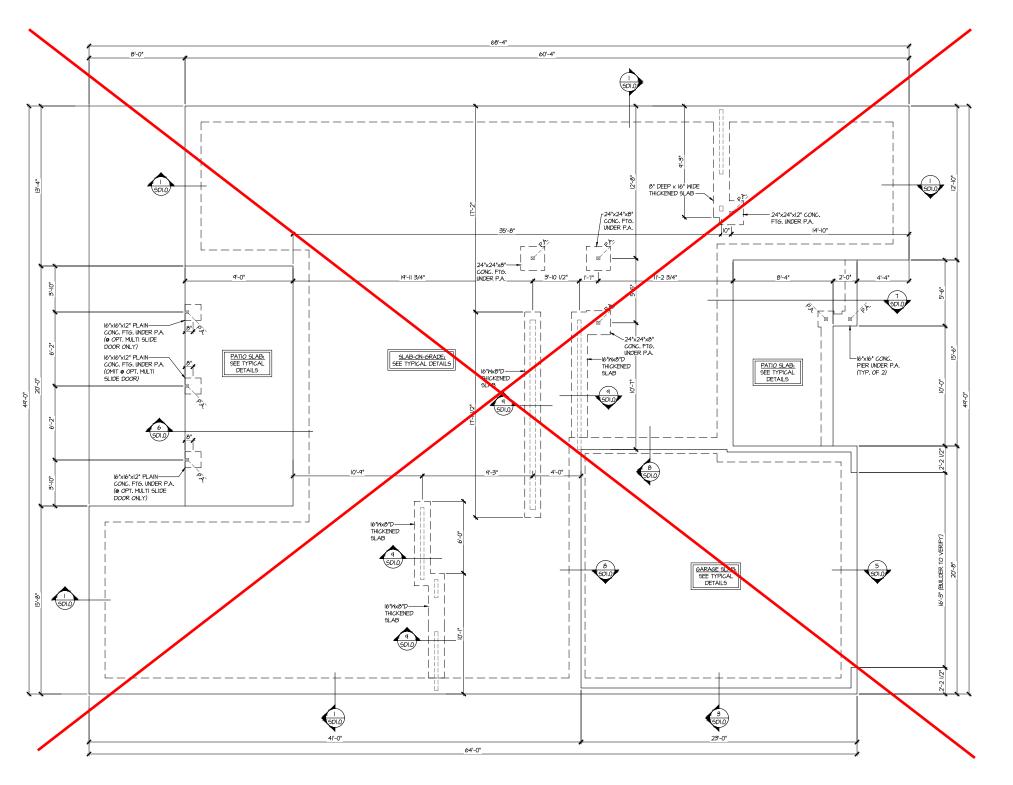
NDICATES HOLDOWN

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ROOF FRAMING PLAN

5921-07 MODEI SERENITY MASTER SET RALEIGH, NC

S2.1



OPT. 2ND FLOOR

SCALE: 1/4"=1'-0" (22x24 SHEET)

1/8"=1'-0" (IIxI7 SHEET)

SLAB FOUNDATION PLAN

ELEV. A

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN** LEFT-HAND **GARAGE**

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENSINEERING
3855 Broiside Parkway, Sale 250 - Aghwena, SA 30022
p.776-777-0074 - manfrancipicone
NC Licence # C-36255

243-2403:

SMK KΜ\ issue date: 08-16-2024

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05-28-2025
MISC. ARCH, UPDATE 4 SMM L NAME, OPT. EXT. COVID. PORCH 25 JPP

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- IIIIII INTERIOR BEARING WALL
- ==== BEARING WALL ABOVE (B.W.A.)

LEGEND

BEAM / HEADER

INDICATES EXTENT OF INT.

OSB SHEARWALL AND/OR
3" O.C. EDGE NAILING

EXTENT OF VALLEY TRUSS OVERFRAMING

NDICATES HOLDOWN

INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

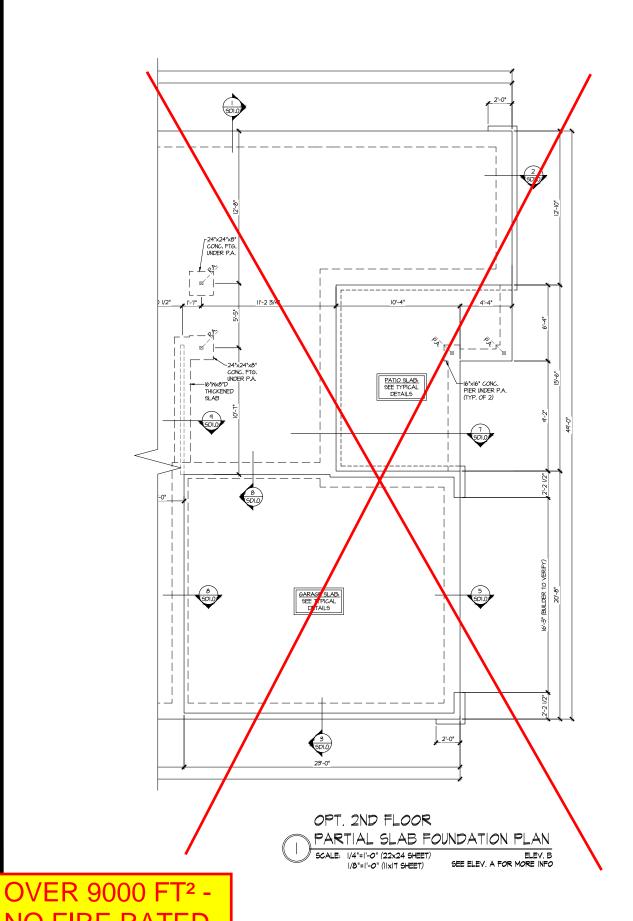
STRUCTURAL OPTIONS

S3.0

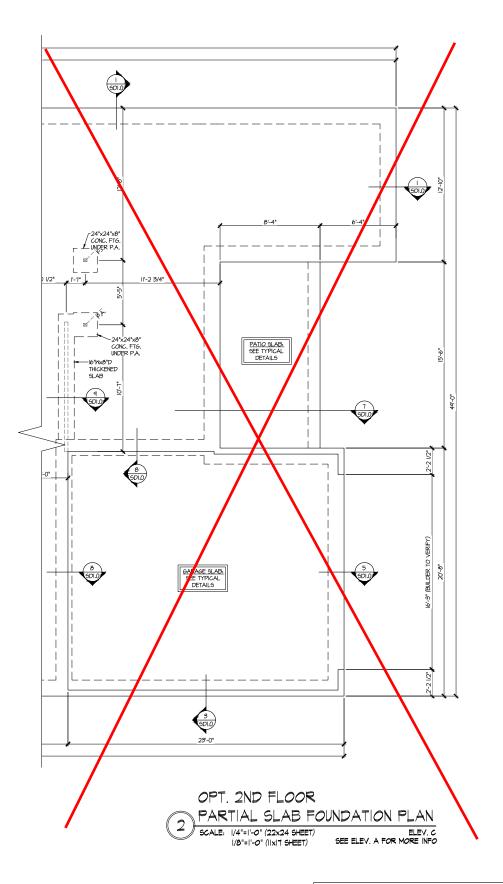
5921-07 MODEI

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OVER 9000 FT² -L REQUIRED



WALL REQUIRED



REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES

LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN LEFT-HAND GARAGE**

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243-2403:

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UPDATED MODEL NAME
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MISC. ARCH, UPDATE 4 SMM L NAME, OPT. EXT. COVID. PORCH 25 JPP

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- INTERIOR BEARING WALL
- □===□ BEARING WALL ABOVE (B.W.A.)
- BEAM / HEADER
- INDICATES EXTENT OF INT.

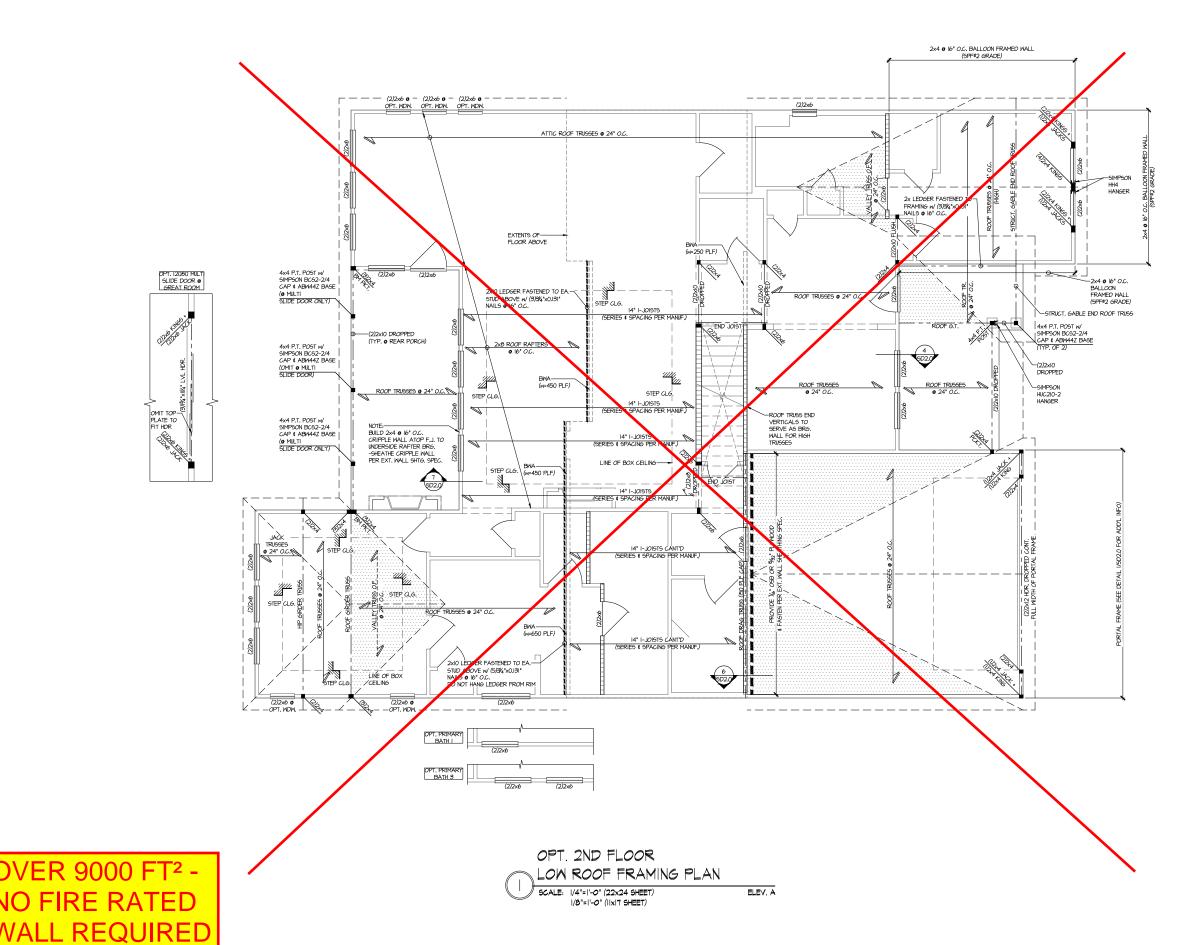
 OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING
- EXTENT OF VALLEY TRUSS OVERFRAMING
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

LEGEND

STRUCTURAL OPTIONS

5921-07 MODEI SERENITY MASTER SET RALEIGH, NC

S3.1



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Aulhern+Kulp project number

243-24033

SMK KΜ\ issue date: 08-16-2024

REVISIONS: initial: 5 SMM NAME, OPT. EXT. COVID. PORCH 11-08-2024 05-28-2025

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THIS LEVEL HAS BEEN DESIGNED FOR 9'-I" PLATE HEIGHT

LEGEND

- IIIIII INTERIOR BEARING WALL
- ==== BEARING WALL ABOVE (B.W.A.)
- INDICATES EXTENT OF INT.

 OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING
- EXTENT OF VALLEY TRUSS OVERFRAMING

 OCT OF VALLEY TRUSS OVERFRAMING

 OCT OF VALLEY TRUSS OVERFRAMING

- NDICATES HOLDOWN
- INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

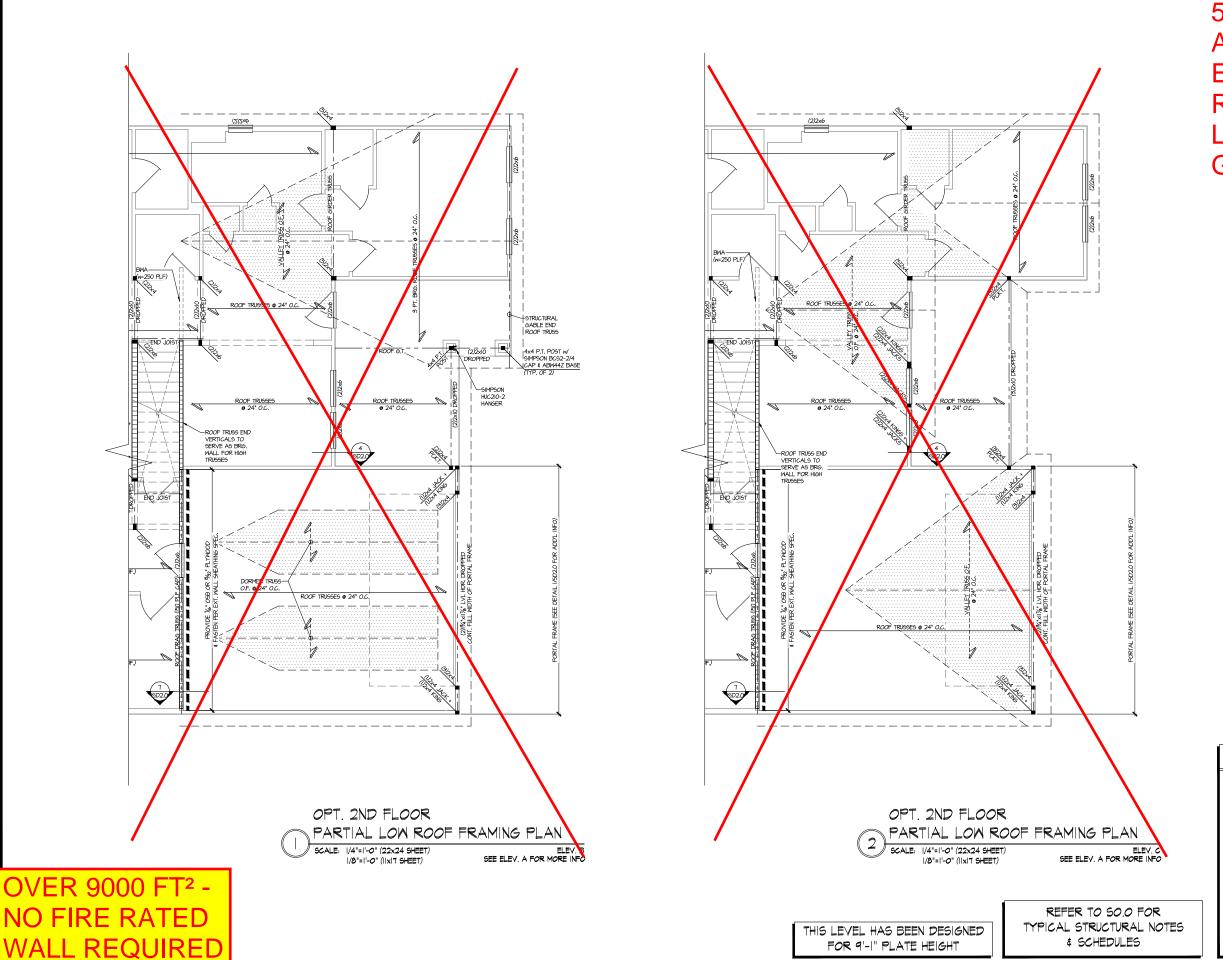
REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

STRUCTURAL OPTIONS 5921-07

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SERENITY MASTER SET RALEIGH, NC



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RESIDENTIAL STRUCTURAL ENSINEERING

243-2403:

issue date: 08-16-2024

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STRUCTURAL OPTIONS

5921-07 MODEI

SERENITY MASTER SET RALEIGH, NC

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LEGEND

INTERIOR BEARING WALL

□==== BEARING WALL ABOVE (B.W.A.)

BEAM / HEADER

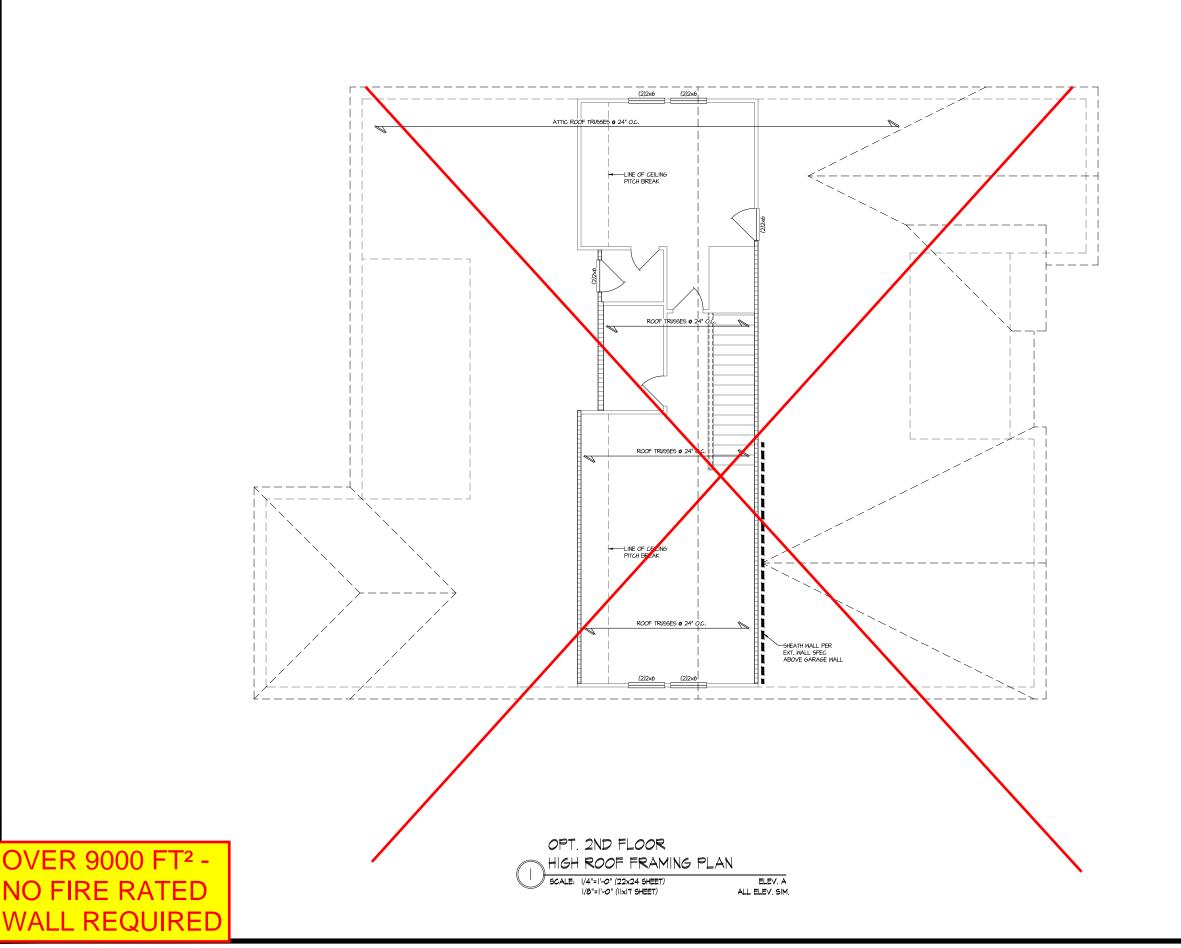
INDICATES EXTENT OF INT.

OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING

EXTENT OF VALLEY TRUSS OVERFRAMING

NDICATES HOLDOWN

| INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.







Mulhern+Kulp project number:

243-24033

project mgr: SMK drawn by: KMV issue date: 08-16-2024

EVISIONS:

date: initial:
II-08-2024 SMM
IPDATED MODEL NAME, OPT. EXT. COVID. PORCH
05-28-2025 JPP
MISC. ARCH. IPDATE

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THIS LEVEL HAS BEEN DESIGNED FOR 9'-1" PLATE HEIGHT

LEGEND

- INTERIOR BEARING WALL
- ==== BEARING WALL ABOVE (B.W.A.)
- --- BEAM / HEADER
- INDICATES EXTENT OF INT.

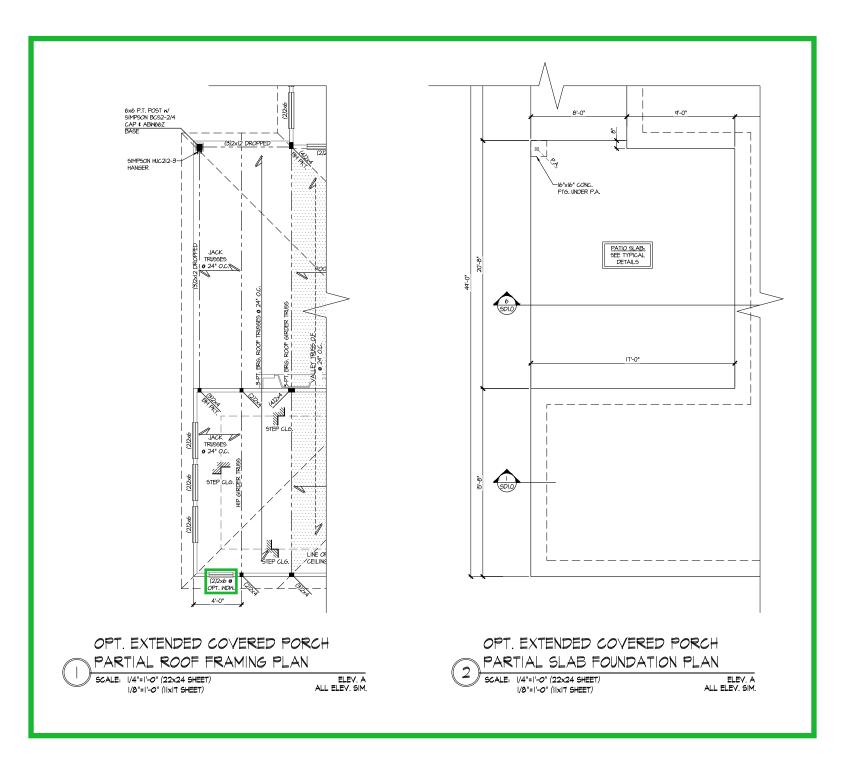
 OSB SHEARWALL AND/OR
 3" O.C. EDGE NAILING
- VTOF EXTENT OF VALLEY TRUSS OVERFRAMIN
- 77/7/7, EXTENT OF FLOOR SYSTEM
- ► INDICATES HOLDOWN
- JL METAL HANGE
- HINDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

REFER TO SO.O FOR
TYPICAL STRUCTURAL NOTES
\$ SCHEDULES

STRUCTURAL OPTIONS

SERENITY
MASTER SET
RALEIGH, NC

S3.4



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RESIDENTIAL STRUCTURAL ENSINEERING



243-2403:

SMK issue date: 08-16-2024

REVISIONS:

UT. 11-08-2024
UPDATED MODEL NAME
05-28-2025
MISC. ARCH, UPDATE 5 SMM NAME, OPT. EXT. COVID. PORCH

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STRUCTURAL OPTIONS 5921-07 MODEI

SERENITY MASTER SET RALEIGH, NC

LEGEND

- IIIIIIIIII INTERIOR BEARING WALL
- □===□ BEARING WALL ABOVE (B.W.A.)
- BEAM / HEADER
- INDICATES EXTENT OF INT.

 OSB SHEARWALL AND/OR 3" O.C. EDGE NAILING
- EXTENT OF VALLEY TRUSS OVERFRAMING
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- JL METAL HANGER
- | INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

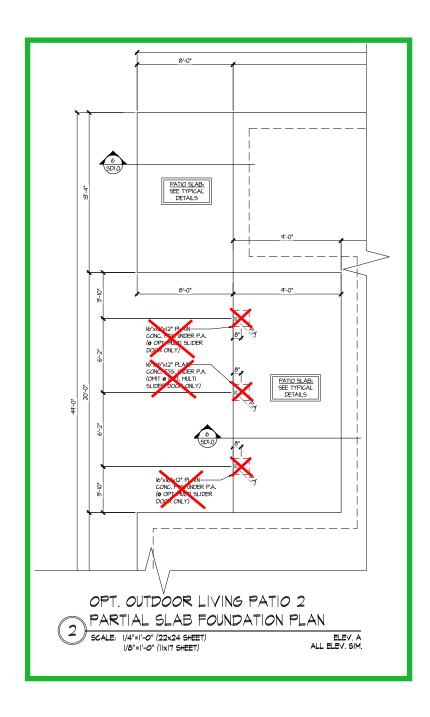
L REQUIRED

THIS LEVEL HAS BEEN DESIGNED FOR 9'-1" PLATE HEIGHT

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES

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OPT. OUTDOOR LYING PATIO PARTIAL SLAB FOUNDATION PLAN SCALE: 1/4"=1'-0" (22x24 SHEET) ELEV. A ALL ELEV. SIM.



LOT 336 5921-07 **ASPEN CREEK ELEVATION B REVERSE PLAN** LEFT-HAND **GARAGE**

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243-2403:

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REVISIONS:

UT. 11-08-2024
UPDATED MODEL NAME
05-28-2025
MISC. ARCH, UPDATE 4 SMM L NAME, OPT. EXT. COVID. PORCH 25 JPP

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STRUCTURAL OPTIONS

- □□□□□ BEARING WALL ABOVE (B.W.A.)
- INDICATES EXTENT OF INT
- NDICATES HOLDOWN

LEGEND

INTERIOR BEARING WALL

BEAM / HEADER

■ 05B SHEARWALL AND/OR 3" O.C. EDGE NAILING

- EXTENT OF VALLEY TRUSS OVERFRAMING
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- JL METAL HANGER
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

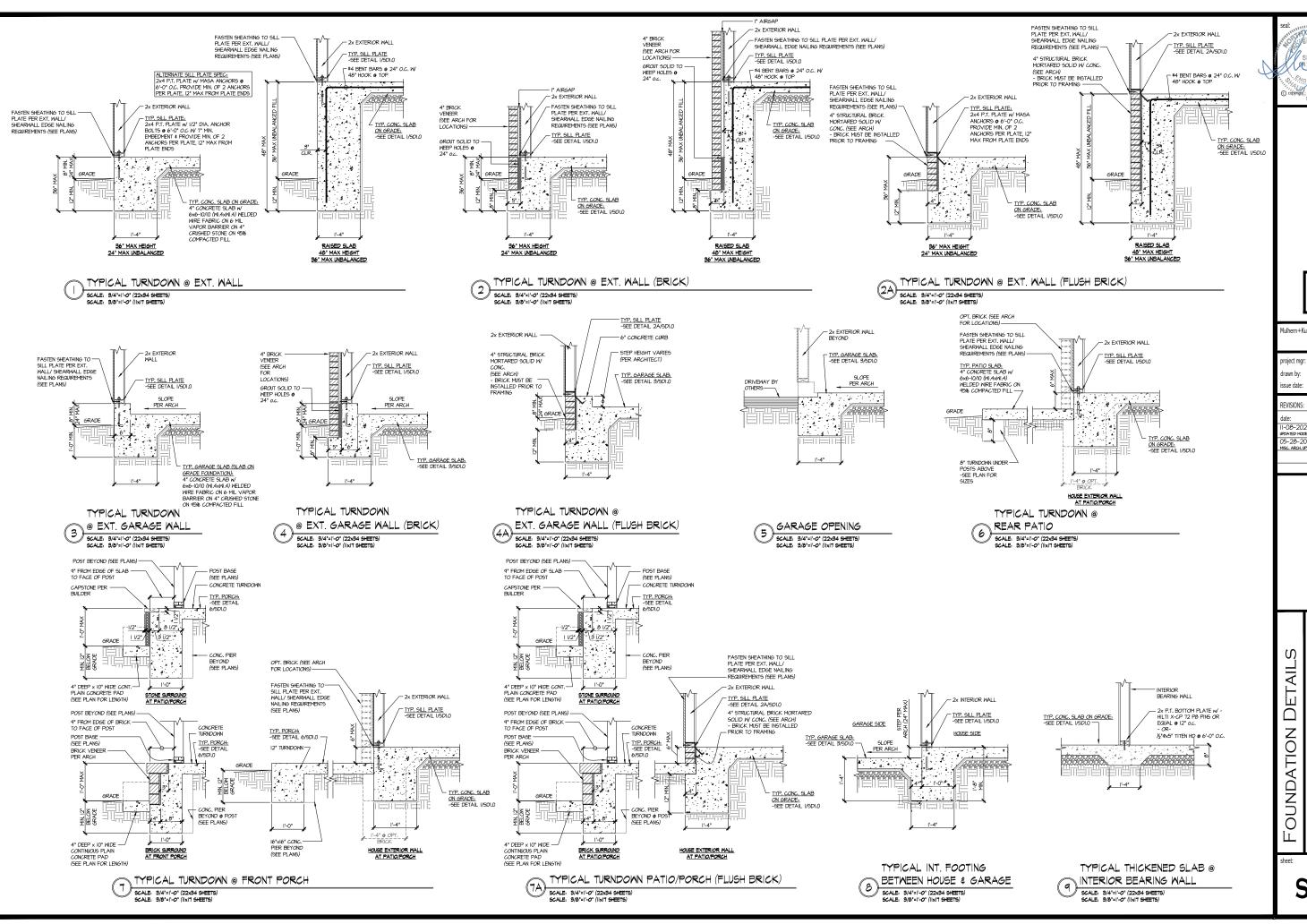
WALL REQUIRED

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5921-07 MODEI SERENITY MASTER SET RALEIGH, NC

S4.1



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RESIDENTIAL STRUCTURAL ENSINEERINS Parkwey, Suite 250 🕶

lulhern+Kulp project number 243-2403

SMK ΚM issue date: 08-16-2024

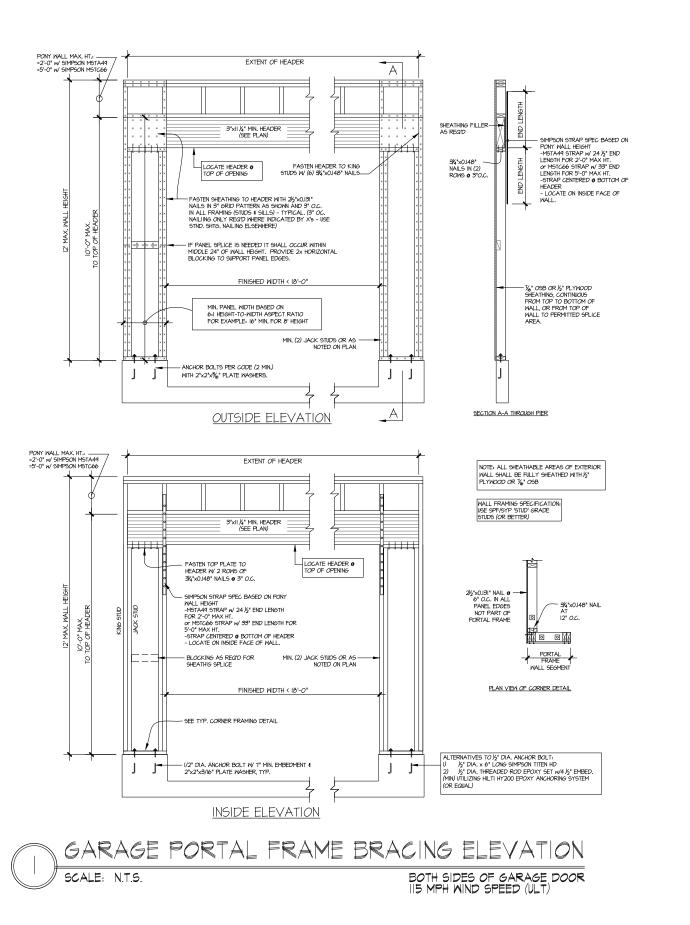
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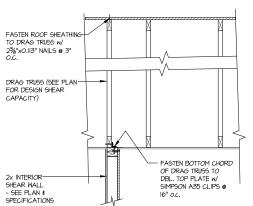
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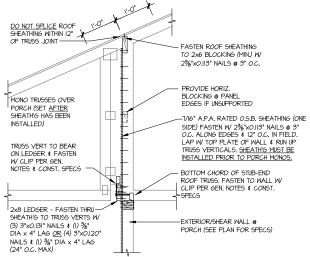
SERENITY MASTER SET RALEIGH, NC 5921-0

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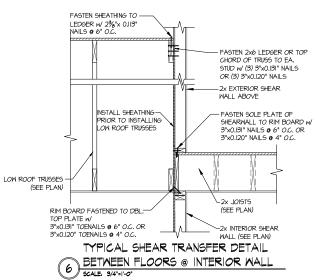


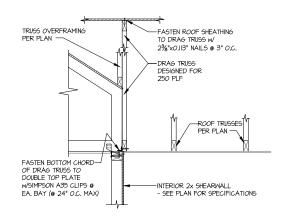


INTERIOR DRAG TRUSS DETAIL 2 INTERIOR SCALE: 3/4"=1'-0'

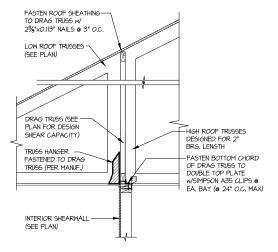


SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL 9CALE: 3/4"=|'-0" - 22x34 3/8"=|'-0" - ||x|7

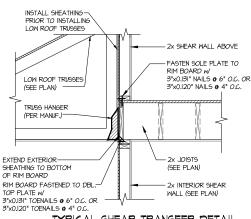




SHEAR TRANSFER DETAIL AT INTERIOR SHEARWALL BELOW



SHEAR TRANSFER DETAIL AT INTERIOR SHEARWALL BELOW



TYPICAL SHEAR TRANSFER DETAIL BETWEEN FLOORS @ INTERIOR WALL
96ALE: 9/4"=1"-0"

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RESIDENTIAL STRUCTURAL ENSINEERINS 3855 Brookside Perkway, Suite 250 • Al p.778-777-10174 • muthermlaup.com NC License # C-3825

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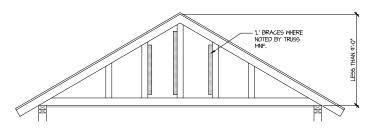
REVISIONS: initial: SMM NAME, OPT. EXT. COVID. PORCH 1-08-202 5-28-2025

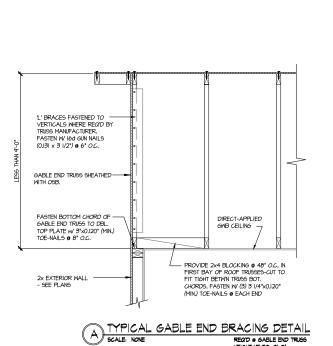
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Ŋ DETAIL MOD FRAMING

SERENITY MASTER SET RALEIGH, NC 5921-07

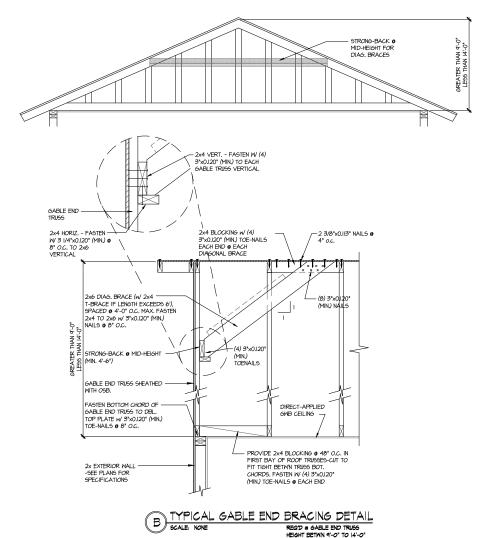
SD2.0





BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE HEIGHT IS LESS THAN 9"-0". "L" BRACES REQUIRED WHERE NOTED BY TRUSS MANUFACTURER.

REQ'D @ GABLE END TRUSS HEIGHT UP TO 9'-0'



BRACE GABLE END TRUSSES PER ABOVE DETAIL WHEN GABLE HEIGHT EXCEEDS 9'-0'. "L' BRACES NOT REQUIRED.

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENSINEERING
3655 Broiside Parkway, Sala 250 - Alphaesta, GA 30022
p.770-777-0074 - marhemicapacom
NC Licence # C-38.25



Mulhern+Kulp project number:

243-24033

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05-28-2025 JPP
MISC. ARCH. UPDATE

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FRAMING DETAILS 5921-07 MODEL SERENITY MASTER SET RALEIGH, NC

SD2.1