POPLAR RIDGE ABBREVIATIONS A A PRESSURE TREATED WD HWD HARDWOOD (FL R&M RANGE W/MICROWAV LIV LIVING LTL LINTEL LVR LOUVER MAX MAXIMUM DRY DRYER MACHINE U.N.O. UNLESS NOTE OTHERWISE VB VANITY BASE 0A F.F. FINISH FLOOR (LIN OBS OBSCURE (GL) WH WATER HEATER FP FIREPLACE OPT OPTIONAL WIC WALK-IN CLOSE FURRED(ING) PEDESTAL (SINK) W/W/O WITH or WITHOU SULIND EVIL

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 RESIDENTAL 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 TTENTION 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 FO 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

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

) MASONRY VENEER SHALL BE ATTACHED TO SUPPORTING WALLS w/ CORRUGATED METAL TIES IN CCORDANCE 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 R703.7.6 - I.R.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.) ATTIC VENTILATION SHALL BE PROVIDED AT 1/300 to 05 THE AREA OF THE SPACE VENTILATED. CROSS VANILATION 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.) 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

) EMERGENCY 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 LESS 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) EXTERIOR AIR INTAKE FOR COMBUSTION AIR PER IRC SECTION AS REQUIRED BY LOCAL MUNICIPALITY

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 DISTRUCTION 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
- CTION 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

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. L DIMENSIONS PRESENTED HERE ARE FRAME. DIMENSIONS ONLY.

I 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

) 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.
- L 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 FNDS OF RAFTERS SHALL BE FULLY SUPPORTED WALL AND RIDGE

) REQUIRED VENTILATION AREAS CALCULATED AT 1/300 RATIO.

SQUARE FOOTAGE Elevation "A"

(Slab S.F.)	
Slab Area	Sq. Ft.
FIRST FLOOR	252
2 BAY GARAGE	497
PORCH	71
COVERED OUTDOOR LIVING	215
Total Slab Area	3310

(Outside of Frame S.F.)		
A/C Area	Sq. Ft.	
FIRST FLOOR	2527	
Total A/C Area	2527	
Non-A/C Area	Sq. Ft.	
2 BAY GARAGE	497	
PORCH	71	
COVERED OUTDOOR LIVING	215	
Total Nam A/C Area	702	

(Inside of Frame S.F.)	
/C Area Sq. Ft.	
IRST FLOOR 2447	
otal A/C Area 2447	

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

OPTIONS LIST

G	REAT ROOM FIREPLACE
P	RIMARY BATH 2
Ĺ	OFT W/OPT CABS
S	CREENED OUTDOOR LIVING
G	OURMET KITCHEN 1
S	LIDER AT DINING ROOM
S	INK & CABS AT LAUNDRY
Ρ	RIMARY SUITE TRAY CEILING
C	FFICE ILO FLEX
C	UTDOOR FIREPLACE
C	PEN RAIL AT FIRST FLOOR STAIRS
	NCOVERED PATIO
В	ATH 3 SHOWER ILO TUB

COVER SHEET & GEN. NOTES "G0.11" REVISIONS & SYMBOLS "S1.10A" BASE FOUNDATION PLAN - ELEVATION 'A' FIRST FLOOR PLAN - ELEVATION 'A "01 A 30" 2ND FLOOR PLAN "A2.01A" EXTERIOR ELEVATIONS - 'A' "A2.02A" EXTERIOR ELEVATIONS - 'A' "A3 01A" ROOF PLAN - ELEVATION 'A' "A4.01" INTERIOR DETAIL SHEET 1ST FLR. ELECTRICAL PLAN - ELEVATION 'A 1ST FLR. ELECTRICAL PLAN UPGRADE OPTIONS - ELEVATION 'A'

TABLE OF CONTENTS

GREAT RO	OM FIRE	PLACI	= -	
PRIMARY E	BATH 2			
LOFT W/OF	T CABS			
SCREENED	OUTDO	OR LIV	/ING	
GOURMET	KITCHE	N 1		
SLIDER AT	DINING	ROOM		
SINK & CA	BS AT L	AUNDF	ŀΥ	
PRIMARY S	SUITE TR	AY CE	ILING	
OFFICE ILC	FLEX			
OUTDOOR	FIREPL/	ACE		
OPEN RAIL	. AT FIRS	ST FLO	OR ST	AIRS
UNCOVER	D PATIO)		
BATH 3 SH	OWFR II	O TUE	. —	

BUILDING CODE COMPLIANCE

LECTRICAL PLANS DESIGNED TO MEET OR EXCEED MINIMUM

CONSTRUCTION PLANS DESIGNED TO MEET OR EXCEED

Serenity - Lot 346 - 5921-09 (Poplar Ridge) - Elevation A

*Loft Option

*Optional Loft Cabs

*Loft Bathroom Tub w/ Tile Walls

*Gourmet Kitchen 1

*Office at Flex Space

*Linear Electric Fireplace at Great Room

SHEET NO. TYPE OF SHEET/LAYOUT

2ND FLR. ELECTRICAL PLAN OPTION

2ND FLR. ELECTRICAL PLAN UPGRADE OPTIONS

"G0 01"

"01.E20"

*Sliding Glass Door at Dining Room

*Tray Ceiling at Primary Suite

*Primary Bath 2 - Shower Seat and Tub

*Bath 2 Tub w/ Tile Walls

*Bath 3 Shower ILO Tub w. Tile Walls and Vikrell Pan

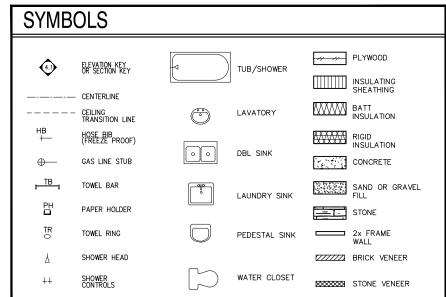
*Sink at Laundry

*Standard Screened Covered Outdoor Living w. Extended Patio

*Outdoor Fireplace

*Open Rail Stairs at 1st Floor by Dining

*Two 20/20 Windows at Primary



DointeHOMES

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

> SERENITY GENERAL CREEK l @ ALTIS ઝ

> > SUBDIVISION: ADDRESS:

SHE

10-08-24 Issue Date: ACC

5921-09

POPLAR RIDGE

G0.01

REVISION INDEX			
REL. #	DESCRIPTION	DATE	DRAWN BY
5921-09	NEW PLAN	10/08/2024	ACC
	ADDED ATTIC PULL-DOWN, REVISED ROD/SHELF IN PRIMARY WIC, ADDED OPTIONS - SCREENED COVERED OUTDOOR LIVING, COURMET KITCHEN	01/27/2025	ACC
	ADDED ATTIC PULL-DOWN, REVISED ROD/SHELF IN PRIMARY WIC, ADDED OPTIONS - SCREENED COVERED OUTDOOR LIVING, GOURMET KITCHEN KITCHEN, ZERO ENTIRY SHOWER AT PRIMARY BATH, ADDED TRIM SURROUNDING VENTS AT VARIOUS ELEVATIONS, REVISED BENCH DETAIL, ADDED OF IL LAUNDRY CABINETS, ADDED (2) 4-LED LIGHTS IN GARAGE, REVISED ELECT LIGHTING AND SWITCHES IN PRIMARY BATH, ADDED DISHWASHER ACCESSIBLE DISCONNECT SWITCH AND COUNTER-TOP AIR SWITCH FOR DISPOSAL NOTES	., .,	
	ADDED UP1. LAUNDRY CABINETS, ADDED (2) 4-LED LIGHTS IN GARAGE, REVISED ELECT LIGHTING AND SWITCHES IN PRIMARY BATH, ADDED DISHWASHER ACCESSIBLE DISCONNECT SWITCH AND COUNTER-TOP AIR SWITCH FOR DISPOSAL NOTES		
	SIGNIFICATION AND SOUTH TO A SIGNIFICATION OF SIGNIFICATI		
			l
			
			
	1		
			<u> </u>
			<u> </u>
			
			-
			
			i –
			<u> </u>
			
			
			l
			İ
			ı

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: 45 SHADY CREEK WAY
LOT: 346

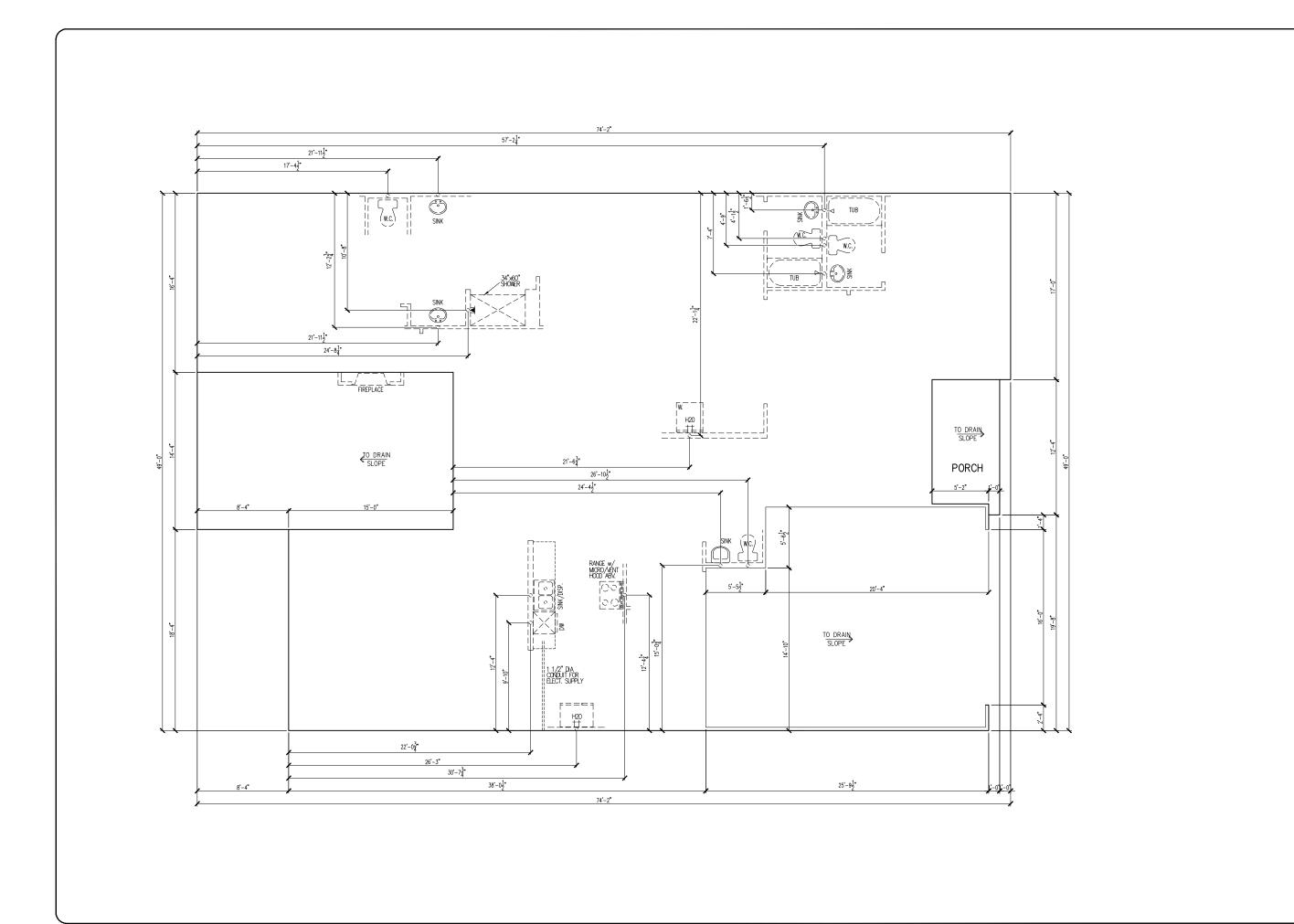
Issue Date: 10-08-24

Drawn By: ACC

5921-09

PLAN NAME:
POPLAR RIDGE

G0.11



tri pointe.

HOMES

5440 WADE PARK BLYD, SUITE 400, RALEIGH, NG 278077

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

SUBDIVISION: ALTIS ® SERENITY ADDRESS: 45 SHADY CREEK WAY LOT: 346 BASE FOUNDATION PLAN

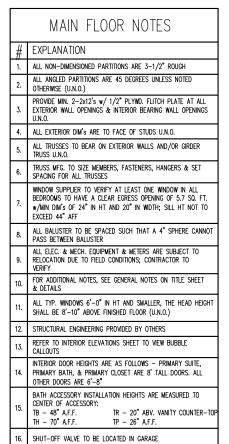
Issue Date: 10-08-24

Drawn By: ACC

5921-09

PLAN NAME:
POPLAR RIDGE

S1.10A



Serenity - Lot 346 - 5921-09 (Poplar Ridge) - Elevation A

*Loft Option

*Optional Loft Cabs

*Loft Bathroom Tub w/ Tile Walls

*Gourmet Kitchen 1

*Office at Flex Space

*Linear Electric Fireplace at Great Room

*Sliding Glass Door at Dining Room

*Tray Ceiling at Primary Suite

*Primary Bath 2 - Shower Seat and Tub

*Bath 2 Tub w/ Tile Walls

*Bath 3 Shower ILO Tub w. Tile Walls and Vikrell Pan

*Sink at Laundry

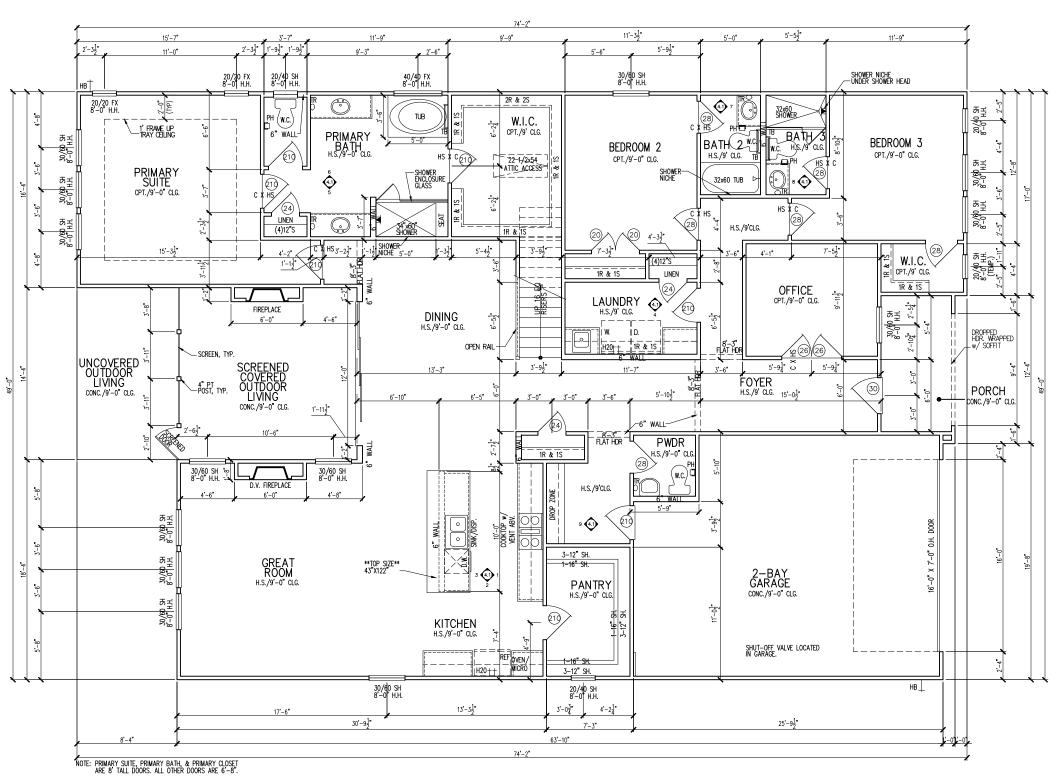
*Standard Screened Covered Outdoor

Living w. Extended Patio

*Outdoor Fireplace

*Open Rail Stairs at 1st Floor by Dining

*Two 20/20 Windows at Primary



WADE PARK BLVD, SUITE 400, RALEIGH, NC 27607

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

SUBDIVISION: ALTIS © SERENITY
ADDRESS: 45 SHADY CREEK WAY

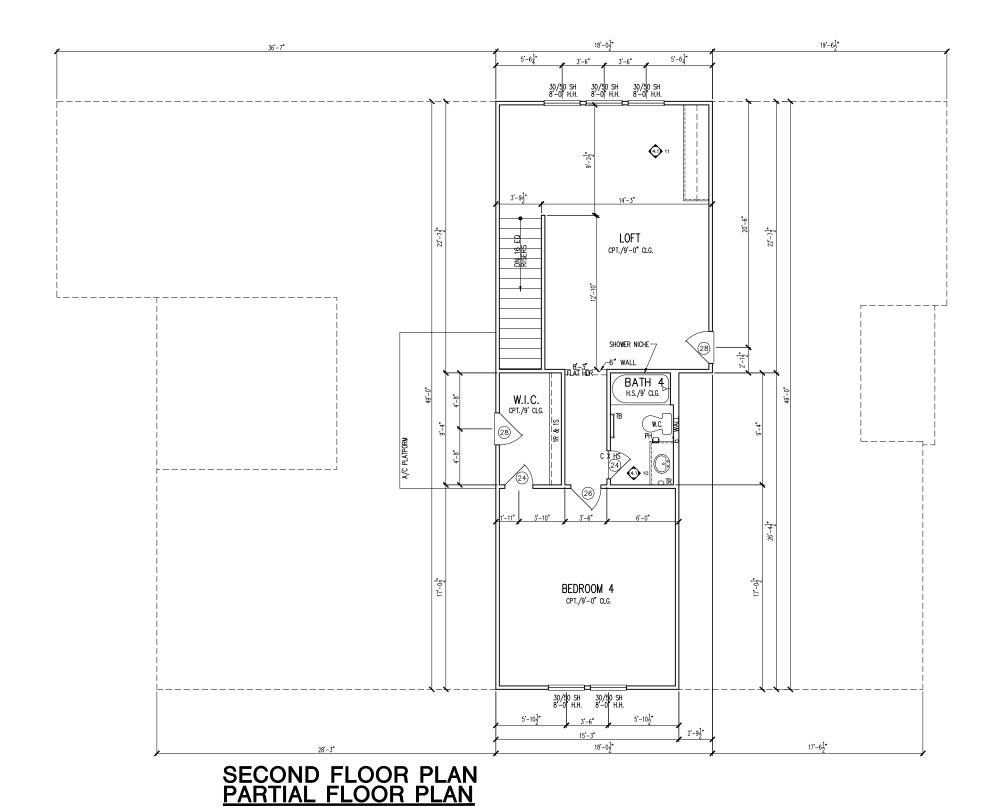
Issue Date: 10-08-24
Drawn By: ACC

(5921-09

POPLAR RIDGE

A1.10

MAIN FLOOR NOTES # EXPLANATION ALL NON-DIMENSIONED PARTITIONS ARE 3-1/2" ROUGH ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS NOTED OTHERWISE (U.N.O.) PROVIDE MIN. 2-2x12's w/ 1/2" PLYWD. FLITCH PLATE AT ALL EXTERIOR WALL OPENINGS & INTERIOR BEARING WALL OPENINGS 4. ALL EXTERIOR DIM'S ARE TO FACE OF STUDS U.N.O. ALL TRUSSES TO BEAR ON EXTERIOR WALLS AND/OR GIRDER TRUSS U.N.O. TRUSS MFG. TO SIZE MEMBERS, FASTENERS, HANGERS & SET SPACING FOR ALL TRUSSES WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS TO HAVE A CLEAR ECRESS OPENING OF 5.7 SQ. FT. w/MIN DIM's OF 24" IN HT AND 20" IN WIDTH; SILL HT NOT TO ALL BALUSTER TO BE SPACED SUCH THAT A 4" SPHERE CANNOT PASS BETWEEN BALUSTER ALL ELEC. & MECH. EQUIPMENT & METERS ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS; CONTRACTOR TO VFRIFY FOR ADDITIONAL NOTES, SEE GENERAL NOTES ON TITLE SHEET & DETAILS ALL TYP. WINDOWS 6'-0" IN HT AND SMALLER, THE HEAD HEIGHT SHALL BE 8'-10" ABOVE FINISHED FLOOR (U.N.O.) 12. STRUCTURAL ENGINEERING PROVIDED BY OTHERS REFER TO INTERIOR ELEVATIONS SHEET TO VIEW BUBBLE CALLOUTS INTERIOR DOOR HEIGHTS ARE AS FOLLOWS - PRIMARY SUITE, PRIMARY BATH, & PRIMARY CLOSET ARE 8' TALL DOORS. ALL OTHER DOORS ARE 6'-8" BATH ACCESSORY INSTALLATION HEIGHTS ARE MEASURED TO CENTER OF ACCESSORY: TR - 20" ABV. VANITY COUNTER-TOP TP - 26" A.F.F. TB - 48" A.F.F. TH - 70" A.F.F. SHUT-OFF VALVE TO BE LOCATED IN GARAGE



Dointe HOMES RR BLVD. SALEIGH, NC 27607

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

OPTIONS PLAN

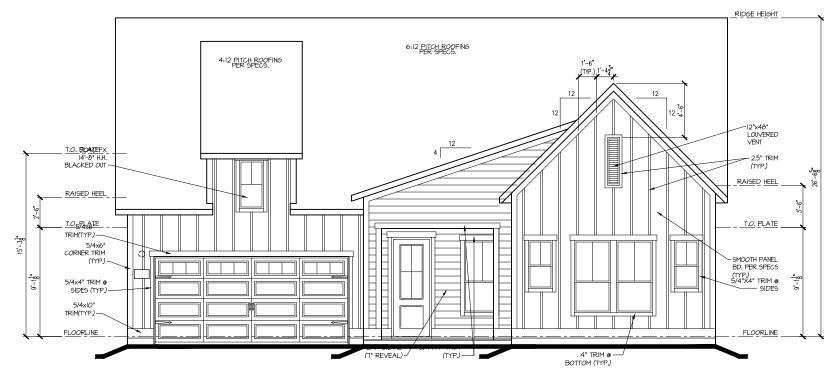
@ SERENITY CREEK WAY ALTIS (SHADY FLOOR 45 SUBDIVISION:
ADDRESS: 44
LOT: 346 2ND

Issue Date: 10-08-24 Drawn By: ACC

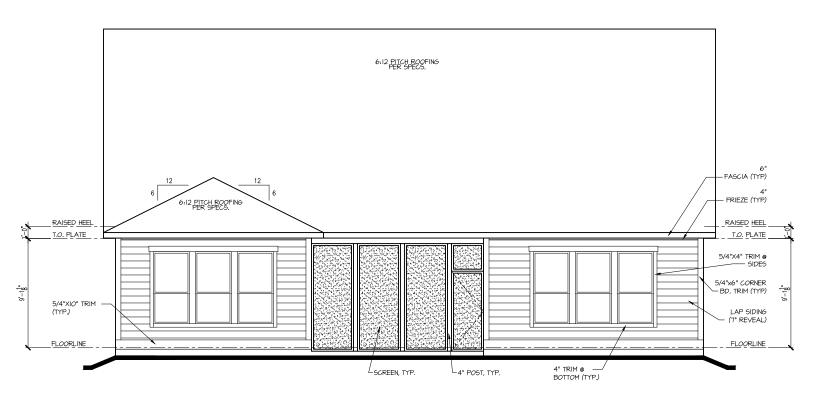
5921-09

POPLAR RIDGE

01.A30



FRONT ELEV. "A"



COVERED OUTDOOR LIVING ELEVATION

1/8"=1'-0"

5/4"X6" TRIM @ SIDES —

5/4"X4" TRIM @

REAR ELEV. "A"1/8"=1'-0"

tri pointe.
HOMES
40 WADE PARK BLVD, SUITE 400, RALEGH, NC 27607

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

EXTERIOR ELEVATIONS
SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 45 SHADY CREEK WAY
LOT: 346

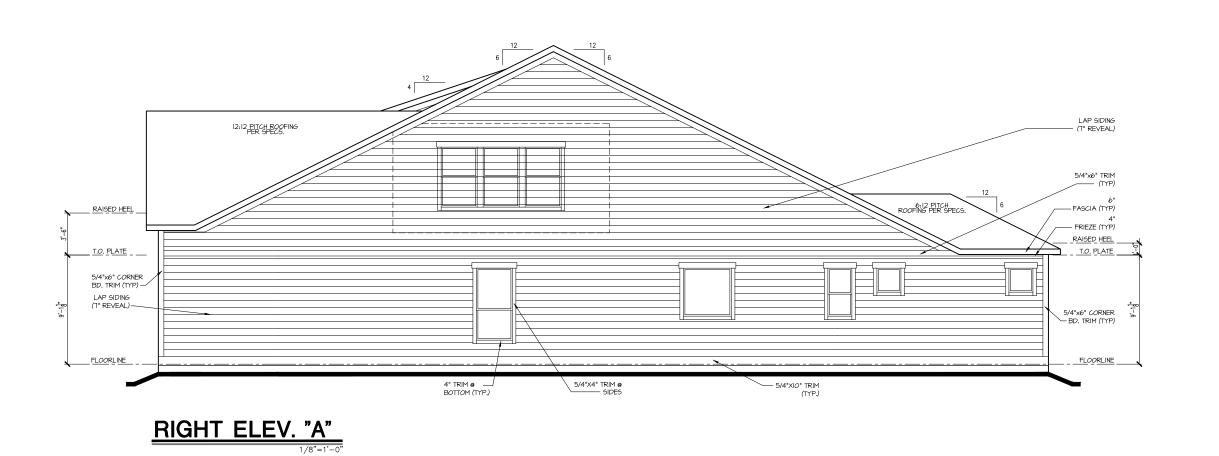
Issue Date: 10-08-24

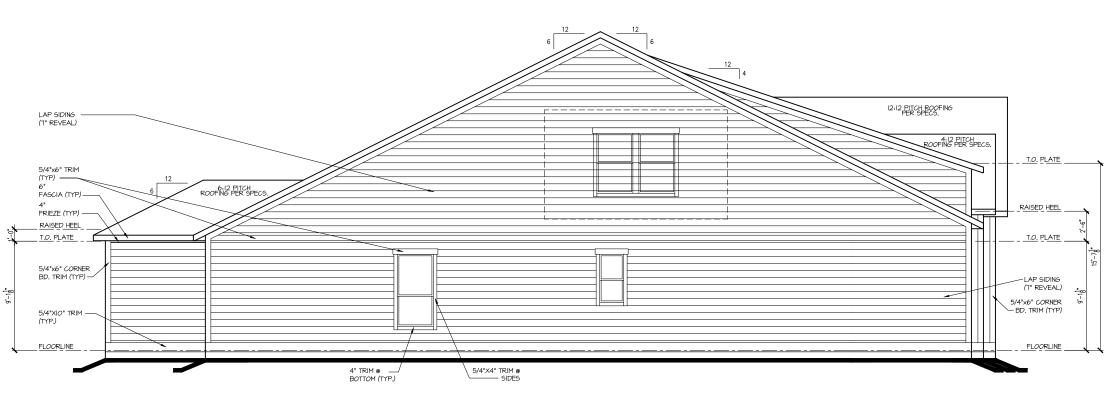
Drawn By: ACC

5921-09

POPLAR RIDGE

A2.01A





LEFT ELEV. "A"1/8"=1'-0"

tri pointe.
HOMES
HOMES

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

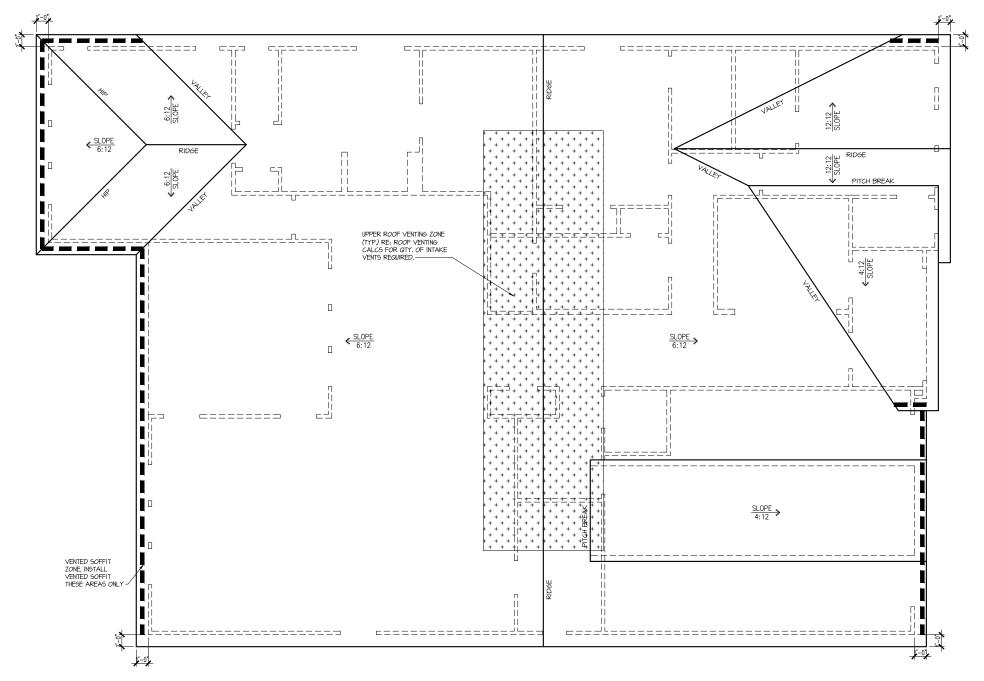
SUBDIVISION: ALTIS ® SERENITY
ADDRESS: 45 SHADY CREEK WAY
LOT: 346

Issue Date: 10-08-24
Drawn By: ACC

5921-09

POPLAR RIDGE

A2.02A



Attic Venting Calculations

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



tri pointe.

HOMES

HOMES

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

ROOF PLAN

N: ALTIS @ SERENITY

45 SHADY CREEK WAY

SUBDIVISION:
ADDRESS: 44
LOT: 346

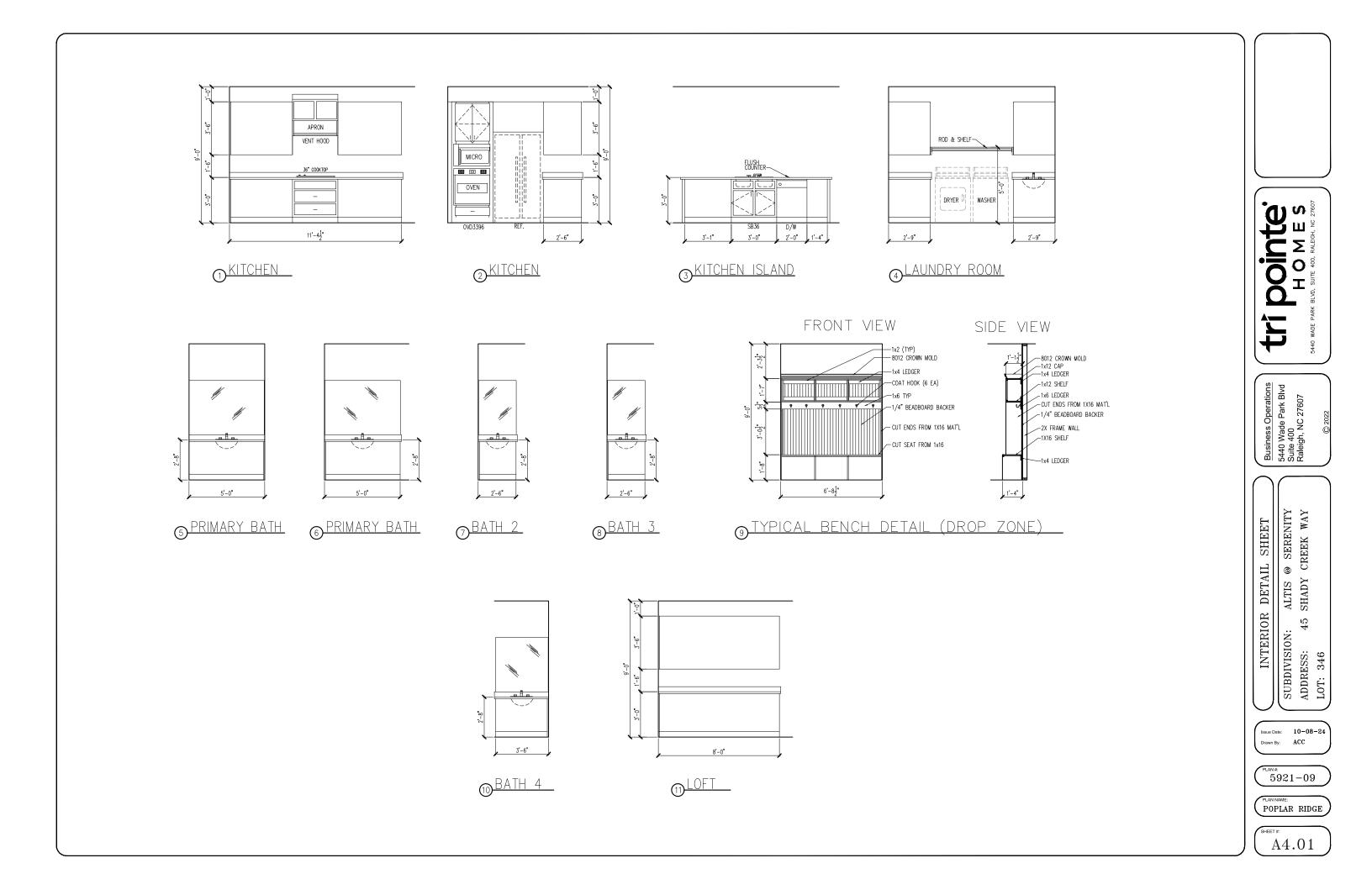
Issue Date: 10-08-24

Drawn By: ACC

5921-09

POPLAR RIDGE

(SHEET #: A3.01A



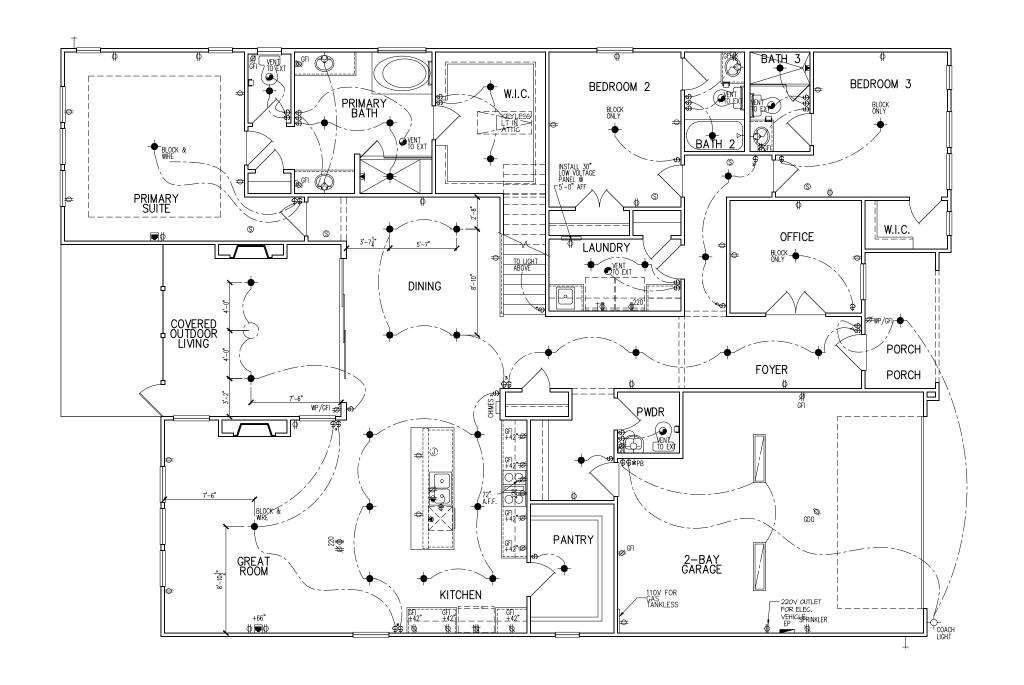
ELECTRICAL FIXTURE SCHEDULE DESCRIPTION SYMBOL 110V OUTLET \$220V OUTLET \$220V OUTLET \$220V OUTLET \$220V OUTLET \$220V OUTLET \$220V OUTLET \$320V OUT			
110V OUTLET 220V OUTLET 220V OUTLET 4 220 11/2 HOT OUTLET GFI OUTLET WP GFI OUTLET GARAGE DOOR OPENER OUTLET SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON TWO WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & ROG COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE WOUTER LIGHT SOFFIT MOUNT FLOOD LIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHT \$\frac{\partition{1}{2}}{2}}{2}\$ \$\frac{\partition{1}{2}}{2}}\$ \$\frac{\partition{1}{2}}{2}}{2}\$ \$\frac{\partition{1}{2}}{2}}\$	ELECTRICAL FIXTURE SCHEDULE		
220V OUTLET 1/2 HOT OUTLET GFI OUTLET WP GFI OUTLET GARAGE DOOR OPENER OUTLET SECURITY SYSTEM SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THORE WAY SWITCH THREE WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RGG COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE WOUNTER LIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHT FOR WAY SWITCH EXHAUST VENTS CARBON MONOXIDE SMOKE CARBON MONOXIDE SMOKE CARBON MONOXIDE SMOKE SUFFACE MOUNT LED EXTERIOR WALL MOUNT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING FOR WAY SWICH FOR WAY SWITCH EXTERIOR WALL MOUNT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING FOR WAY SWICH FOR WAY SWITCH EXTERIOR WALL MOUNT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	DESCRIPTION	SYMBOL	
1/2 HOT OUTLET GFI OUTLET WP GFI OUTLET GARAGE DOOR OPENER OUTLET SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THOSE WAY SWITCH EXHAUST VENTS DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING SECURITY SYSTEM WP/GFI WP/GFI Ø GDO Ø WP BRACIDE Ø WP	110V OUTLET	Ф	
1/2 HOT OUTLET GFI OUTLET WP GFI OUTLET GARAGE DOOR OPENER OUTLET SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THOSE WAY SWITCH EXHAUST VENTS DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING SECURITY SYSTEM WP/GFI WP/GFI Ø GDO Ø WP BRACIDE Ø WP	220V OUTLET		
WP GFI OUTLET GARAGE DOOR OPENER OUTLET SECURITY SYSTEM SECURITY SYSTEM JUNCTION BOX GEILING MOUNTED LIGHT CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THREE WAY SWITCH FOUR WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS DIMMER SWITCH FOUR WAY SWITCH TO DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TO OUTLET TO OUTLET DATA & RGG COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SWOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING SECOND OCH SOD OCH SOD OCH SOD OCH SOD OCH SOD EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING OCH SOD	1/2 HOT OUTLET	•	
GARAGE DOOR OPENER GARAGE DOOR OPENER SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT RECESSED CEILING LIGHT RECESSED CEILING LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON TWO WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TWO UNLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT FLOOD LIGHT UNDER COUNTER LIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING PSEC SYS DW BROWDE BR	GFI OUTLET	% GFI	
SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THREE WAY SWITCH THREE WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET PHONE OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONDES SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING SOFFIT MOUNTE FLOOD LIGHT UNDER COUNTER LIGHTING POW DOOR CHIMES CHIMES CHIMES ELECTRICAL PANEL SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING POW DOOR CHIMES CH	WP GFI OUTLET	₩P/GFI	
SECURITY SYSTEM DISHWASHER JUNCTION BOX CEILING MOUNTED LIGHT CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THREE WAY SWITCH THREE WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET PHONE OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONDES SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING SOFFIT MOUNTE FLOOD LIGHT UNDER COUNTER LIGHTING POW DOOR CHIMES CHIMES CHIMES ELECTRICAL PANEL SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING POW DOOR CHIMES CH	GARAGE DOOR OPENER OUTLET	Ø GD0	
JUNCTION BOX CEILING MOUNTED LIGHT CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON TWO WAY SWITCH THREE WAY SWITCH STORM WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING POPPOPUR PROOF PROVIDE PROVIDE BRACING WP BPROVIDE BRACING WP WP WP WP WP WP BP WP BP WP CHIMES CHIMES CHIMES CHIMES CHIMES SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING		♦ SEC SYS	
CEILING MOUNTED LIGHT CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON TWO WAY SWITCH THREE WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET TV OUTLET TV OUTLET TV OUTLET OPH TV OUTLET TV OUTLET CARBON MONOXIDE SHOKE CARBON MONOXIDE SHOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING PROOF PROOF PROOF PROOF WE PROOF PROOF OF MATERIAL MOUNT UPLICHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	DISHWASHER	●DW	
CEILING FAN W/ LIGHT KIT RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THREE WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET TV OUTLET ODATA & ROG COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING PROOF	JUNCTION BOX	9	
RECESSED CEILING LIGHT RECESSED WATER PROOF LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON THREE WAY SWITCH FOUR WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONDUE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WOUNT LED EXTERIOR WOUNT FLOOD LIGHT UNDER COUNTER LIGHTING WEYPOOF WALL MOUNT WEYPOOF	CEILING MOUNTED LIGHT	ϕ	
RECESSED WATER PROOF WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON TWO WAY SWITCH FOUR WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TY OUTLET TY OUTLET CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFAT ROUNT FLOOD LIGHT UNDER COUNTER LIGHTING WE WAY WE WAY BY	CEILING FAN w/ LIGHT KIT	BRAZING	
LIGHT WALL MOUNTED LIGHT WALL MOUNTED PUSH BUTTON # PB TWO WAY SWITCH FOUR WAY SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET TV OUTLET OATA & RGG COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SHOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING WALL MOUNTDOOR # PB # PD	RECESSED CEILING LIGHT	Ø	
WALL MOUNTED PUSH BUTTON TWO WAY SWITCH THREE WAY SWITCH FOUR WAY SWITCH DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SWOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING TWO WAY SWITCH SPIM FOR MAN CONTROL B PB WENT SPB WENT TO EXT FOR MAN CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING	RECESSED WATER PROOF LIGHT	⊠ WP	
TWO WAY SWITCH THREE WAY SWITCH FOUR WAY SWITCH FOUR WAY SWITCH DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN	WALL MOUNTED LIGHT	Ŷ	
THREE WAY SWITCH FOUR WAY SWITCH DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING **SPMIT** **	WALL MOUNTED PUSH BUTTON	å PB	
FOUR WAY SWITCH DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET OTV DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SHOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING DIMMER SWITCH SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	TWO WAY SWITCH		
DIMMER SWITCH EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SUFFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING PVENT TO EXT	THREE WAY SWITCH	" \$	
EXHAUST VENTS LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DETECTOR COMBO DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING VENT OF EXTERIOR VENT TO EXT OPH OPH OTH OT	FOUR WAY SWITCH	⁴ \$	
LOW VOLTAGE PANEL PHONE OUTLET TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DETECTOR COMBO DOOR CHIMES CLIECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING DOOR CHIMES CHI	DIMMER SWITCH	\$ ^{DIM}	
PHONE OUTLET TY OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DETECTOR COMBO DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	EXHAUST VENTS	_	
TV OUTLET DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON_MONOXIDE_SMOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UNDER COUNTER LIGHTING TV OTV OTV OTV OTM OT OTM	LOW VOLTAGE PANEL		
DATA & RG6 COMBO BOX SMOKE DETECTOR CARBON MONOXIDE SMOKE DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING DATA & RG6 COMBO BOX O CM/SD CHIMES CHIMES EP EP SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING	PHONE OUTLET	****	
SMOKE DETECTOR CARBON MONOXIDE SMOKE DETECTOR COMBO DOOR CHIMES CHIMES CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING			
CARBON MONOXIDE SMOKE DETECTOR COMBO DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING CM/SD CM/SD CM/SD CM/SD CM/SD CM/SD CM/SD CM/SD CPIMES EP EP SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING]	
DOOR CHIMES ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT UNDER COUNTER LIGHTING CHIMES EP EP EP UNDER COUNTER LIGHTING		,	
ELECTRICAL PANEL SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	DETECTOR COMBO	⊚ CM/SD	
SURFACE MOUNT LED EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING	DOOR CHIMES	CHIMES	
EXTERIOR WALL MOUNT UPLIGHT SOFFIT MOUNT FLOOD LIGHT UNDER COUNTER LIGHTING COUNTER LIGHTING	ELECTRICAL PANEL	EP EP	
SOFFIT MOUNT FLOOD LIGHT \$\frac{\partial}{2}\tag{\partial}\$\$ UNDER COUNTER LIGHTING \$\frac{\partial}{2}\tag{\partial}\$\$\$		•	
SOFFIT MOUNT FLOOD LIGHT \$\frac{\partial}{2}\tag{\partial}\$\$ UNDER COUNTER LIGHTING \$\frac{\partial}{2}\tag{\partial}\$\$\$	EXTERIOR WALL MOUNT UPLIGHT	8	
CHEEK COCKIEK EIGHTING		€\$^	
SMURF TUBE	UNDER COUNTER LIGHTING	-coo-UCL	
	SMURF TUBE		

ELECTRICAL NOTES:

- PROVIDE AND INSTALL LOCALLY CERTIFIED 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 PROVIDE AND INSTALL GROUD FAULT CIRCUIT—INTERRUPTERS (GF) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES. ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED DIRECT HOOK-UPS/CUITOFS.
- REQUIRED DIRECT HOOK-UPS/CUTOFFS.
- REQUIRED DIRECT HOOK—UPS/CUIOFFS.
 HVAC CONTRACTOR TO VERIFY THERMOSTAT
 LOCATIONS.
 ALL ELECTRICAL AND MECHANICAL EQUIPMENT
 (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.

BATH VANITY BRACKET OUTLET. 1,2 (1" ABOVE TOP OF VANITY) WATER SOFTENER AND SUMP OUTLETS. 48" TO CL . 12" .TO .CL 48" TO CL FRONT DOOR COACH LIGHT. GARAGE DOOR COACH LIGHT, (ABOVE GARAGE FLOOR). . . . 84" . TO CL THERMOSTAT. . .54" TO .CL . . .84" TO .CL DR HANDLE .66". TO CL KITCHEN WALL HUNG MICROWAVE OUTLET . . . 72" TO CL KITCHEN DISHWASHER RECEPTACLE. JUNDER SINK
KITCHEN RANGE. 24".TD.CL.
KITCHEN REFRIGERATOR. 48". TO CL
WASHER/DRYER OUTLET. 48". TO. CL

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



Dointe HOMES RELVO, SUITE 400, RALEIGH, NC 27607

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

ELECTRICAL PLAN @ SERENITY CREEK WAY @ ALTIS (SHADY FLOOR SUBDIVISION: ADDRESS: LOT: 346 1st

Issue Date: 10-08-24 ACC

5921-09

POPLAR RIDGE

E1.10A

ELECTRICAL I SCHEDU	FIXTURE LE
DESCRIPTION	SYMBOL
110V OUTLET	ф
220V OUTLET	Ф 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	G
CEILING MOUNTED LIGHT	-
CEILING FAN w/ LIGHT KIT	BRAZING
RECESSED CEILING LIGHT	Ø
RECESSED WATER PROOF LIGHT)®(WP
WALL MOUNTED LIGHT	Υ
WALL MOUNTED PUSH BUTTON	d i 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	443
UNDER COUNTER LIGHTING	eco- UCL
SMURF TUBE	

ELECTRICAL NOTES:

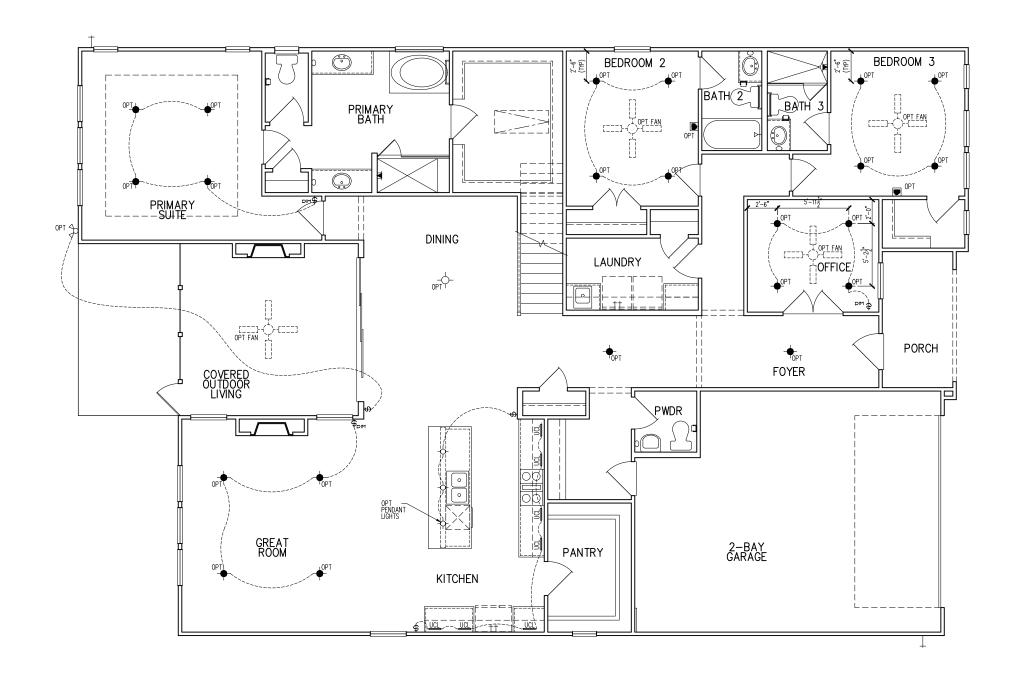
- 1. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE AND CARBON MONOXIDE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES
 2. PROVIDE AND INSTALL GROUND FAULT (IRCUITE-INTERRUPITERS (GF) AS REQUIRED BY NATIONAL ELECTRIC CODE (NEC) AND 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. FURNACES, A/C UNITS, ELECTRICAL 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
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) 84".TO CL
THERMOSTAT
DOORBELL CHIMES
DOORBELL BUTTON DR HANDLE
KITCHEN HOOD FAN "WHIP"
KITCHEN WALL HUNG MICROWAVE OUTLET 72" TO CL
KITCHEN DISHWASHER RECEPTACLE
KITCHEN RANGE
KITCHEN REFRIGERATOR
,
CL = CENTER LINE

CL = CENTER LINE

1 = FIELD VERIFY

2 = MASTER BATH STANDARD 30" HIGH
VANITY TO BE RAISED 4"



Dointe HOMES RELVD. SUITE 400, RALEIGH, NG 27607

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

OPITONS

© SERENITY 1st FLOOR ELEC. PLAN ALTIS @ 45 SUBDIVISION:
ADDRESS: 45
LOT: 346

Issue Date: 10-08-24 ACC

5921-09

POPLAR RIDGE

E1.11A

ELECTRICAL FIXTURE SCHEDULE		
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	PROVIDE	
RECESSED CEILING LIGHT	Ø	
RECESSED WATER PROOF LIGHT) E (WP	
WALL MOUNTED LIGHT	Ŷ	
WALL MOUNTED PUSH BUTTON	å PB	
TWO WAY SWITCH	\$	
THREE WAY SWITCH	* \$	
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	<u>(S</u>)	
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	94°	
UNDER COUNTER LIGHTING	-c-c- UCL	
SMURF TUBE		

ELECTRICAL NOTES:

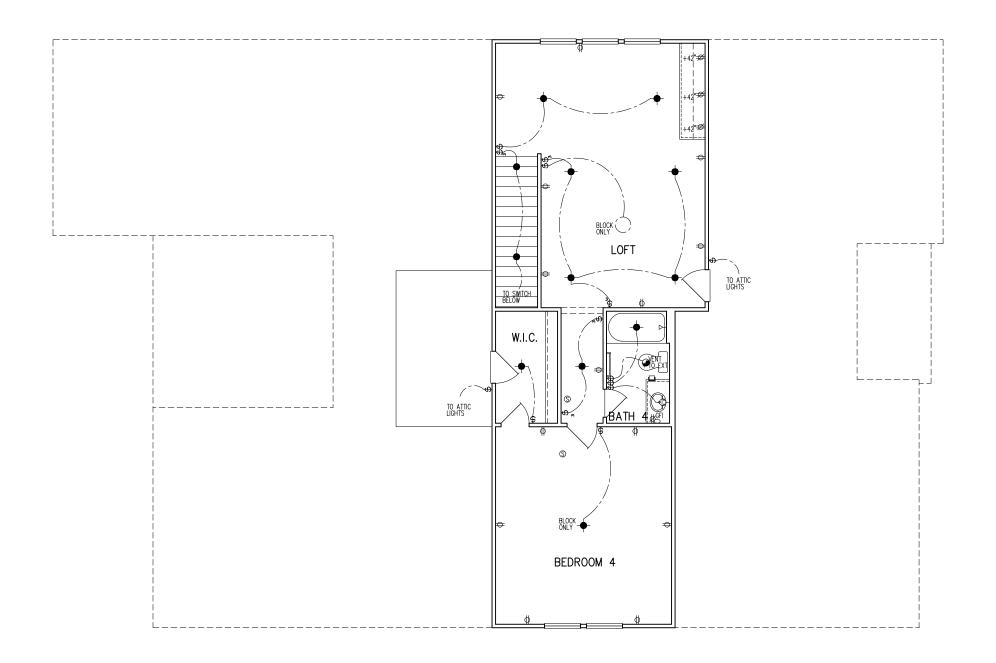
PROVIDE AND INSTALL LOCALLY CERTIFIED PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE AND CARBON MONOXIDE DETECTORS A REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES PROVIDE AND INSTALL GROUND FAULT (IRCUIT-INTERRUPTERS (GFI) AS REQUIRED BY NATIONAL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

ELECTRICAL CONTRACTOR TO PROVIDE REQUIRED DIRECT HOOK—UPS/CUTOFFS. HYAC CONTRACTOR TO VERIFY THERMOSTAT LOCATIONS.

ALL ELECTRICAL AND MECHANICAL EQUIPMENT (I.E. FURNACES, A/C UNITS, ELECTRICAL PANELS, SANITARY SUMP PITS, DRAIN THE SUMP, AND WATER HEATERS) ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS.

ELECTRICAL DEVICES: ABOVE FINISHED FLOOR WALL OUTLETS OVER COUNTER. +42" TO BOTTOM OF HORIZONTAL OUTLET(TYP. @ COUNTER) . 48" TO CL . 12" .TO .CL 48" TO CL GARAGE DOOR COACH LIGHT, (ABOVE GARAGE FLOOR)... 84" TO CL THERMOSTAT. . . .54" TO .CL . . .84" TO .CL DOORBELL CHIMES. . LEVEL W/ DR .HANDLE DOORBELL BUTTON. KITCHEN HOOD FAN "WHIP". .66". TO CL .72" TO CL KITCHEN WALL HUNG MICROWAVE OUTLET . . . UNDER SINK . 24".TO.CL. KITCHEN REFRIGERATOR. . WASHER/DRYER OUTLET. .

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



SECOND FLOOR PLAN PARTIAL ELECTRICAL PLAN

pointe HOMES

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

OPTION @ SERENITY / CREEK WAY ALTIS (SHADY FLR ELEC.

45 SUBDIVISION:
ADDRESS: 48
LOT: 346

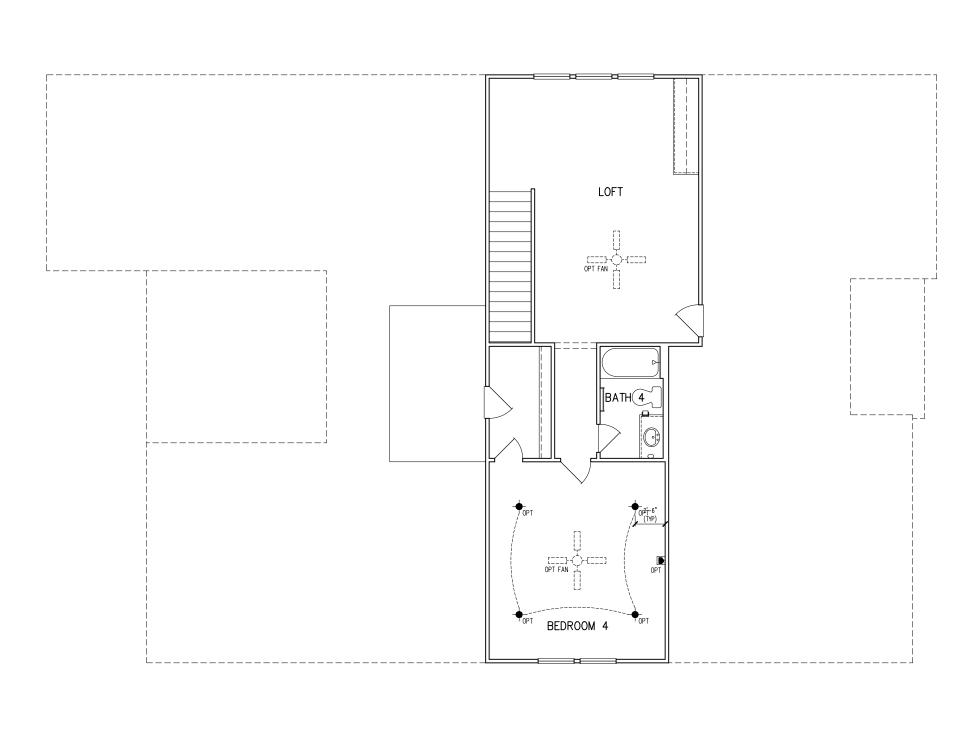
2ND

Issue Date: 10-08-24 Drawn By: ACC

5921-09

POPLAR RIDGE

01.E20



SECOND FLOOR PLAN PARTIAL ELECTRICAL PLAN

tri pointe.

H O M E S

5440 WADE PARK BLVD, SUITE 400, RALEIGH, NG 275677

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

SND FLOOR ELEC. PLAN – OPTION SUBDIVISION: ALTIS © SERENITY ADDRESS: 45 SHADY CREEK WAY

SUBDIVISION:
ADDRESS: 45
LOT: 346

Issue Date: 10-08-24

Drawn By: ACC

5921-09

PLAN NAME:
POPLAR RIDGE

01.E21

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" x 0.120" NAILS @ 4" O.C. @ PANEL EDGES & @ 8" O.C. FIELD. - 2 3 × 0.113" NAILS @ 3" O.C. @ PANEL EDGES & @ 6" O.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 3 × 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 UNO)

CONNECTION SPECIFICATIONS (TTF. U.N.C.)			
DESCRIPTION OF BLDG. ELEMENT	3"x0.131" NAILS	3"x0.120" NAIL5	
JOIST TO SOLE PLATE SOLE PL. TO JOIST/RIM OR BLK'G	(3) TOENAILS NAILS @ 4" o.c.	(3) TOENAILS* 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 DOUBLE TOP PLATE LAP SPLICE	NAILS @ 12" o.c. (12) NAILS IN LAPPED AREA (24" MIN.)	NAILS @ 8" o.c. (15) NAILS IN LAPPED AREA (24" MIN.)	
TOP PLATE LAP @ CORNERS & INTERSECTING WALLS	(3) NAILS	(3) NAILS	
RAFTER/TRUSS TO TOP PLATE	(4) TOENAILS + (I) SIMPSON H2.5T	(4) TOENAILS + (1) SIMPSON H2.5T	
GAB. END TRUSS TO DBL. TOP PL.	TOENAILS @ 8" o.c.	TOENAILS 6" o.c.	
R.T. w/ HEEL HT. 9 1/4" TO 12"	2xIO BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 6" O.C.	2xI0 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE W/ TOENAILS @ 4" O.C.	
R.T. w/ HEEL HT. I2" TO I6"	2XI2 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 6" O.C.	2xI2 BLK EVERY 3RD BAY FASTENED TO DBL. TOP PLATE w/ TOENAILS @ 4" O.C.	
R.T. w/ HEEL HT. UP TO 24"	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ NAILS @ 6" O.C.	LAP WALL SHTG. W/ DBL. TOP PL. \$ INSTALL ON TRUSS VERT FASTEN W/ NAILS @ 6" O.C.*	
R.T. w/ HEEL HT. 24" TO 46"	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL	LAP WALL SHTG. W/ DBL. TOP PL. & INSTALL ON TRUSS VERT FASTEN W/ NAILS @ 6" O.C. PROVIDE 2x BLK @ EA. BAY AT TOP OF HEEL.	
WALL TO FOUNDATION	WALL SHTG. LAP W/ SILL PL. & FASTENED PER SHEAR WALL FASTENING SPEC.		
* 2½"x0.113 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS. (ONLY ACCEPTABLE WHERE * ARE SHOWN)			

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

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 = 1.25

FLOOR 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, & MUDRIN

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: (1)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=2.0xl0^6 psi
- ENGINEERED LUMBER POSTS TO MEET OR EXCEED THE FOLLOWING 'LVL' - Fb=2400 psi; FcII=2500 psi; E=I.8xI0^6 psi
- FOR 2 & 3 PLY BEAMS OF EQUAL 134" MAX. WIDTH, FASTEN PLIES TOGETHER WITH 3 ROWS OF 3"X0.120" NAILS @ 8" O/C OR 2 ROWS 18"x3K" SIMPSON SDS SCREWS (OR 3K" TRUSSI OK SCREWS) @ 16" USE A MINIMUM OF 4 ROWS FOR BEAM DEPTHS OF 14" OR 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
- TOGETHER WITH 3 ROWS OF 1/2"x6" SIMPSON SDS SCREWS (OR 6 3/4" 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 ANI 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.

Lot 346

POPLAR RIDGE

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
- 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 3500 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 I 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 @ 10'-0" 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:1.5 RATIO
- · CONTROL JOINTS SHALL NOT BE INSTALLED IN STRUCTURAL
- DIMENSIONS BY OTHERS, BUILDER TO VERIFY.

MEANS & METHODS NOTES

SPECIFICATIONS HAVE BEEN COMPLETED. IT IS THE THE ERECTION PROCEDURES AND SEQUENCE TO COMPONENTS DURING CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO, THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, AND TIE-DOWNS. CONTRACTOR BRACING REQUIRED TO STABILIZE AND PROTECT 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"x¼"
		3 FT. MAX	L3"x3"x¼"
	6'-0"	I2 FT. MAX	L4"x3"x1/4"
		20 FT. MAX	L5"x3½"x¾"
	8'-0"	3 FT. MAX	L4"x4"x¼" *
		I2 FT. MAX	L5"x3½"x¾"
		I6 FT. MAX	L6"x3½"x¾"
	9'-6"	I2 FT. MAX	L6"x3½"x¾6"
	16'-0"	2 FT. MAX	L7"x4"x½" **
	1	2 ET MAY	Q ,,/ , / **

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

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/JOISTS 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/8" DEAD LOAD

- ALL FLOOR JOISTS SHALL BE THE DEPTI SPECIFIED ON PLAN FLOOR JOISTS SERIES & SPACING IS PER THE FLOOR JOIST MANUF.
- LOCATION OF TILE: SPACING SHALL NOT

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE SAFETY OF THE BUILDING AND ITS SHALL BE RESPONSIBLE FOR ALL SHORING AND EXISTING AND ADJACENT STRUCTURES AND SYSTEMS DURING COURSE OF DEMOLITION AND CONSTRUCTION

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"x¼"
	20 FT. MAX	L5"x3½"x%6"
8'-0"	3 FT. MAX	L4"x4"x¼" *
0-0	I2 FT. MAX	L5"x3½"x%6"
	I6 FT. MAX	L6"x3½"x¾"
9'-6"	I2 FT. MAX	L6"x3½"x5%"
16'-0"	2 FT. MAX	LT"x4"x½" **
	3 FT. MAX	L8"x4"x½" **

- 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.

ADDITIONAL NOTES FOR TRUSS \$

- I/4" DEAD LOAD
- B. FLOOR TRUSSES, ATTIC TRUSSES, & I-JOISTS; 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

SPACING SHALL NOT EXCEED 19.2" O.C. (MAX.) EXCEED 16" 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 R602.3.5& 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.

<u>3" O.C. EDGE NAILING</u>

 AT DESIGNATED AREAS - FASTEN PANEL EDGES OF WOOD STRUCTURAL WALL SHEATHING TO FRAMING W 2 🖁 × 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

•1/2" OR 5/8" GYPSUM WALL BOARD: FASTEN GWB SHEATHING TO FRAMING W/ I \$"X0.086" COOLER NAILS OR I &" 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 SHFATHED 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 arkway, Suite 250 -



lulhern+Kulp project numbe

243-2403 SMI

KM

ssue date: 08-16-2024

REVISIONS initial: 1/08/2024 SMM PDATED MODEL NAME, OPT. EXT. COVID. PORCH

pointe HOMES

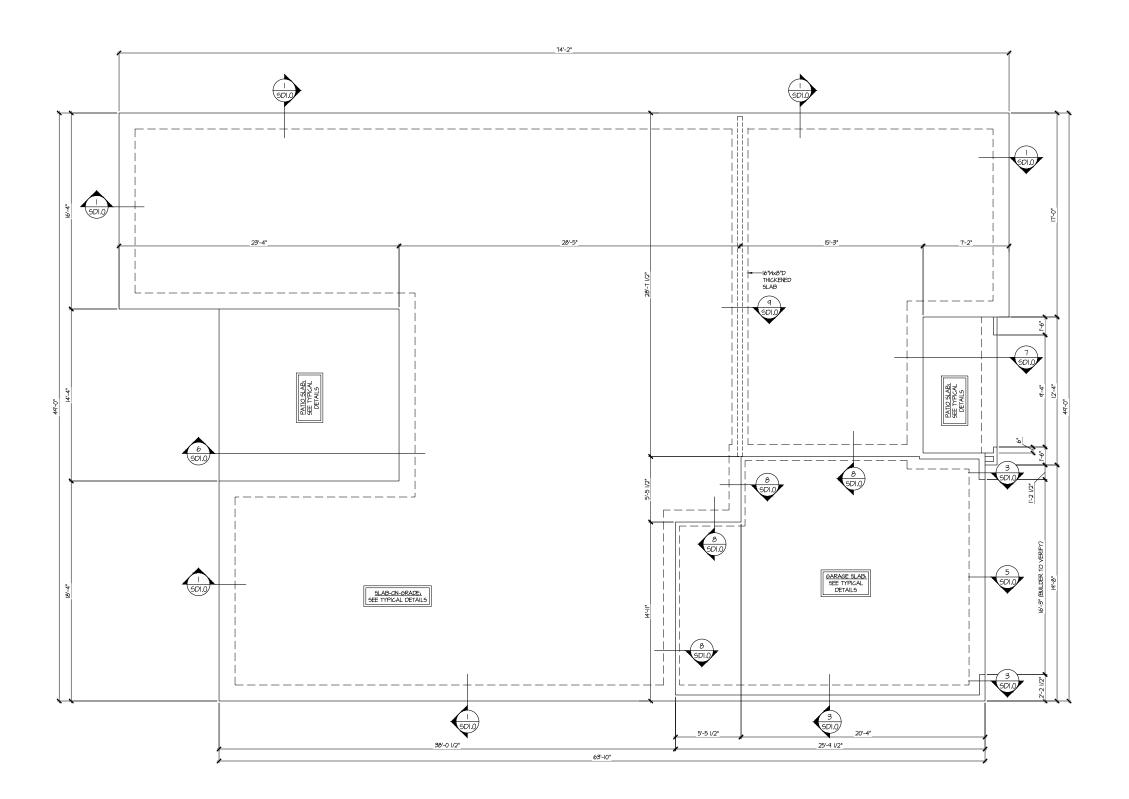
NOTE MOD GENERAL SERENITY MASTER SET RALEIGH, NC 60-

S0.0

5921

STANDARD Covered Outdoor Living

Plan 5921-09 Elevation A REVERSE



SLAB FOUNDATION PLAN ELEV. A SCALE: 1/4"=1'-0" (22x24 SHEET) 1/8"=1'-0" (IIxIT SHEET)

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 TRUGS OVERFRAMING
 24" O.C. (MAX.)
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

MULHERN+KULP

BESIDENTIAL STRUCTURAL ENGINEERING

WES Broiside Parkway, Suin 250 - Aphwerin, SA, 2002

P.70-777-0074 - mediamicipicam

NC. Licence # C-3925



Mulhern+Kulp project number:

243-24035

SMK ΚMV issue date: 08-16-2024

REVISIONS:

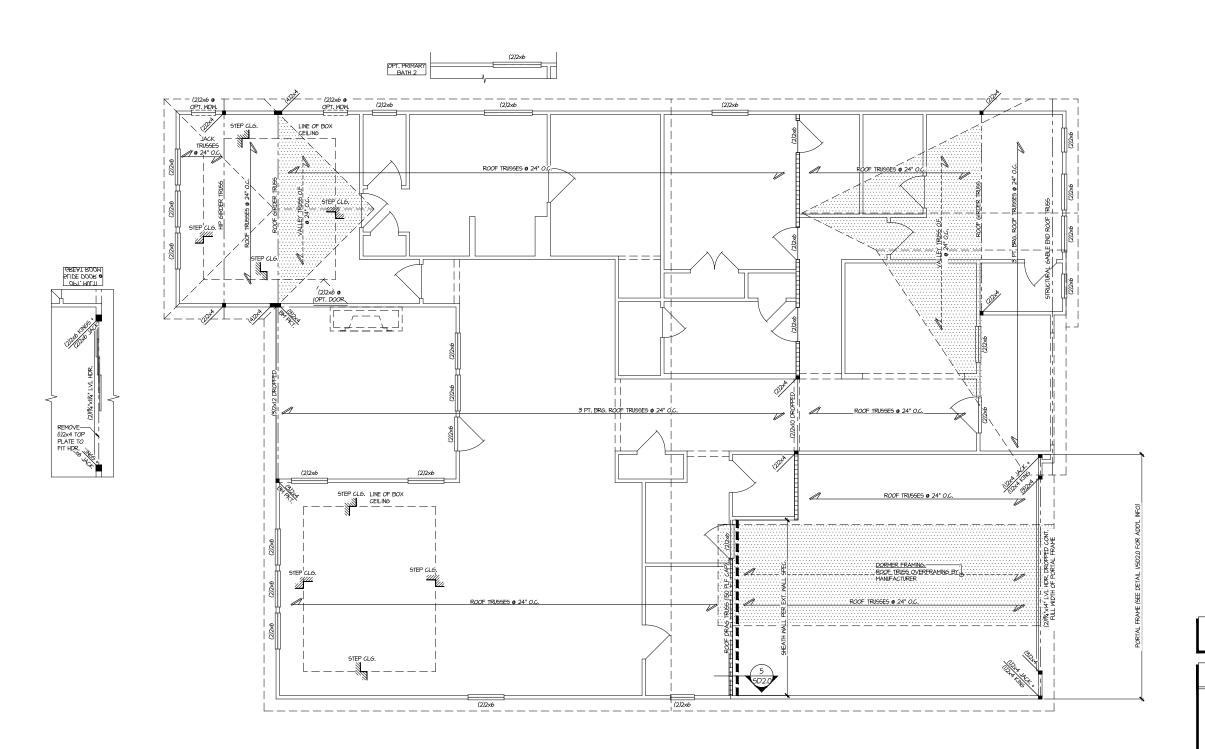
date: initial: II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

FOUNDATION PLAN 5921-09 MODEL

SERENITY MASTER SET RALEIGH, NC

S1.0



MULHERN+KULP

BESIDENTIAL STRUCTURAL ENGINEERING

WES Broiside Parkway, Suin 250 - Aphwerin, SA, 2002

P.70-777-0074 - mediamicipsom

NC. License # C-3925



Mulhern+Kulp project number:

243-24035

SMK KΜ\ issue date: 08-16-2024

REVISIONS:

II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

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
 24" O.C. (MAX.)
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- | INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

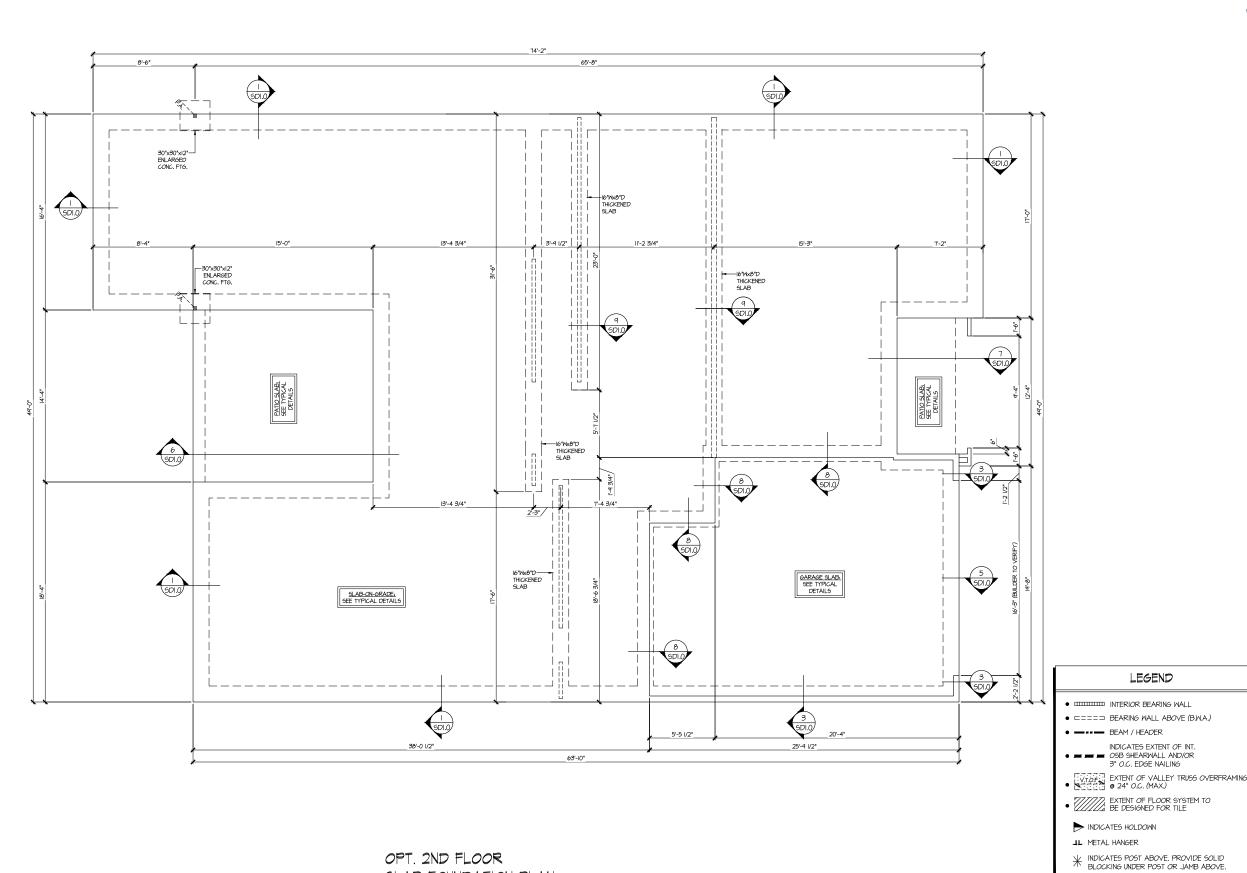
REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES

ROOF FRAMING PLAN

5921-09 MODEI SERENITY MASTER SET RALEIGH, NC

S2.0

ROOF FRAMING PLAN SCALE: 1/4"=1'-0" (22x24 SHEET) ELEV. A 1/8"=1'-0" (IIxI7 SHEET)



MULHERN+KULP

BESIDENTIAL STRUCTURAL ENGINEERING

WES Broiside Parkway, Suin 250 - Aphwerin, SA, 2002

P.70-777-0074 - mediamicipsom

NC. License # C-3925

Mulhern+Kulp project number:

243-24035

SMK ΚMV issue date: 08-16-2024

REVISIONS:

date: initial: II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

LEGEND

REFER TO SO.O FOR

TYPICAL STRUCTURAL NOTES

& SCHEDULES

STRUCTURAL OPTIONS

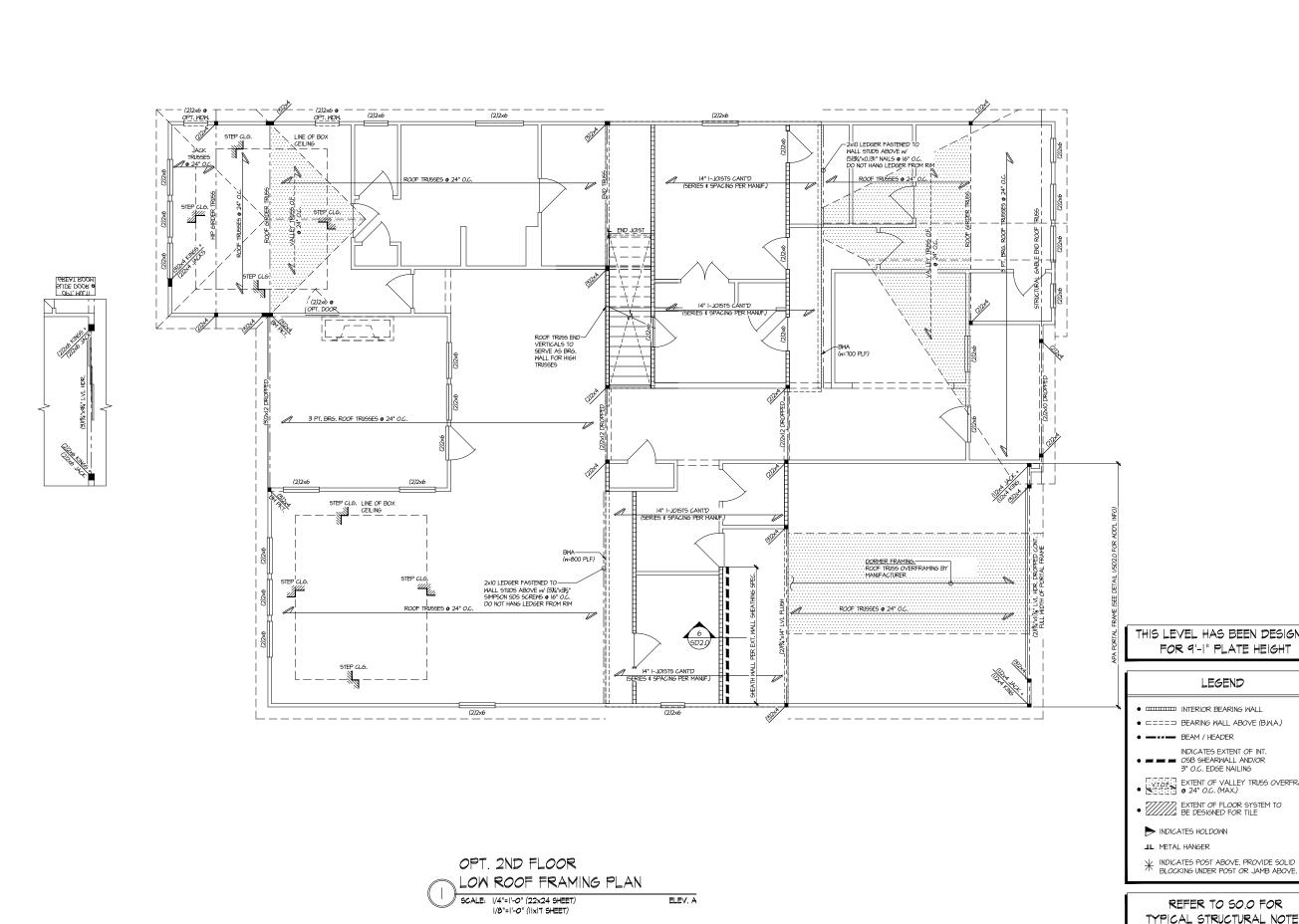
5921-09 MODEI

SERENITY MASTER SET RALEIGH, NC

S3.0

OPT. 2ND FLOOR SLAB FOUNDATION PLAN SCALE: 1/4"=1'-0" (22x24 SHEET) ELEV. A

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



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
3855 Broiside Parkway, Suite 250 - Authoreus, SA 38022
p.770-777-6074 - mathemical poort
NC. Licence # C-38255



Mulhern+Kulp project number:

243-2403

SMK KΜ\ issue date: 08-16-2024

REVISIONS:

II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

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

- IIIIIII 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
 24" O.C. (MAX.)

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

STRUCTURAL OPTIONS

S3.2

5921-09 MODEI

SERENITY MASTER SET RALEIGH, NC



MULHERN+KULP

RESIDENTIAL STRUCTURAL ENGINEERING

3665 Broiside Parkway, Salazgo - Alphaenta, GA 36022

P.705-777-0074 - mellomicalpoom

NC License # C-38255



Mulhern+Kulp project number:

243-24035

SMK ΚMV issue date: 08-16-2024

date: initial:

11/08/2024 SMM
UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

STRUCTURAL OPTIONS

5921-09 MODEL

S3.4

SERENITY MASTER SET RALEIGH, NC

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
 24" O.C. (MAX.)
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- | INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

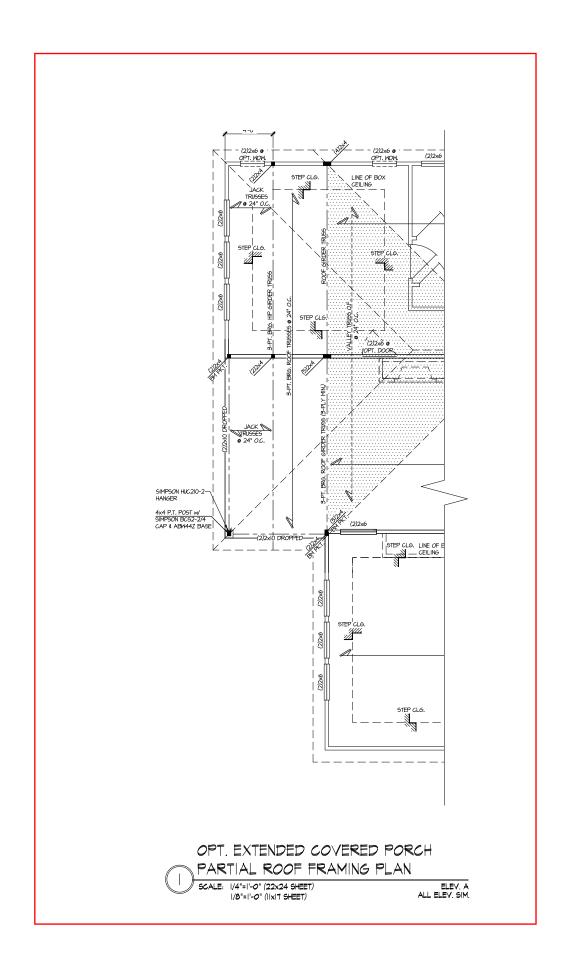
TYPICAL STRUCTURAL NOTES

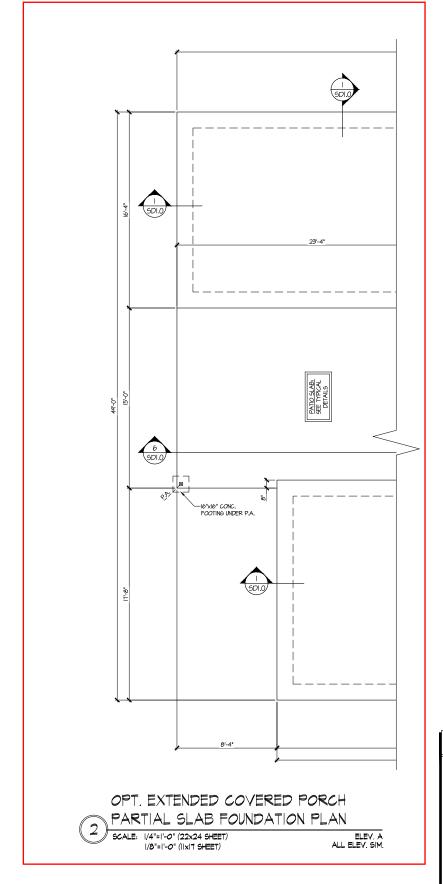
REFER TO SO.O FOR # SCHEDULES

OPT. 2ND FLOOR HIGH ROOF FRAMING PLAN SCALE: 1/4"=1'-0" (22x24 SHEET) 1/8"=1'-0" (1|x17 SHEET) ELEV. A ALL ELEV. SIM.

ROOF TRUSSES @ 24" O.C ROOF TRUSSES • 24" O.C.

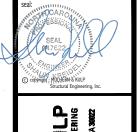
(2)2x6 (2)2x6 (2)2x6





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

REFER TO SO.O FOR TYPICAL STRUCTURAL NOTES # SCHEDULES



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING



Mulhern+Kulp project number:

243-24035

SMK KΜ\ issue date: 08-16-2024

REVISIONS:

II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe HOMES

STRUCTURAL OPTIONS 5921-09 MODEL

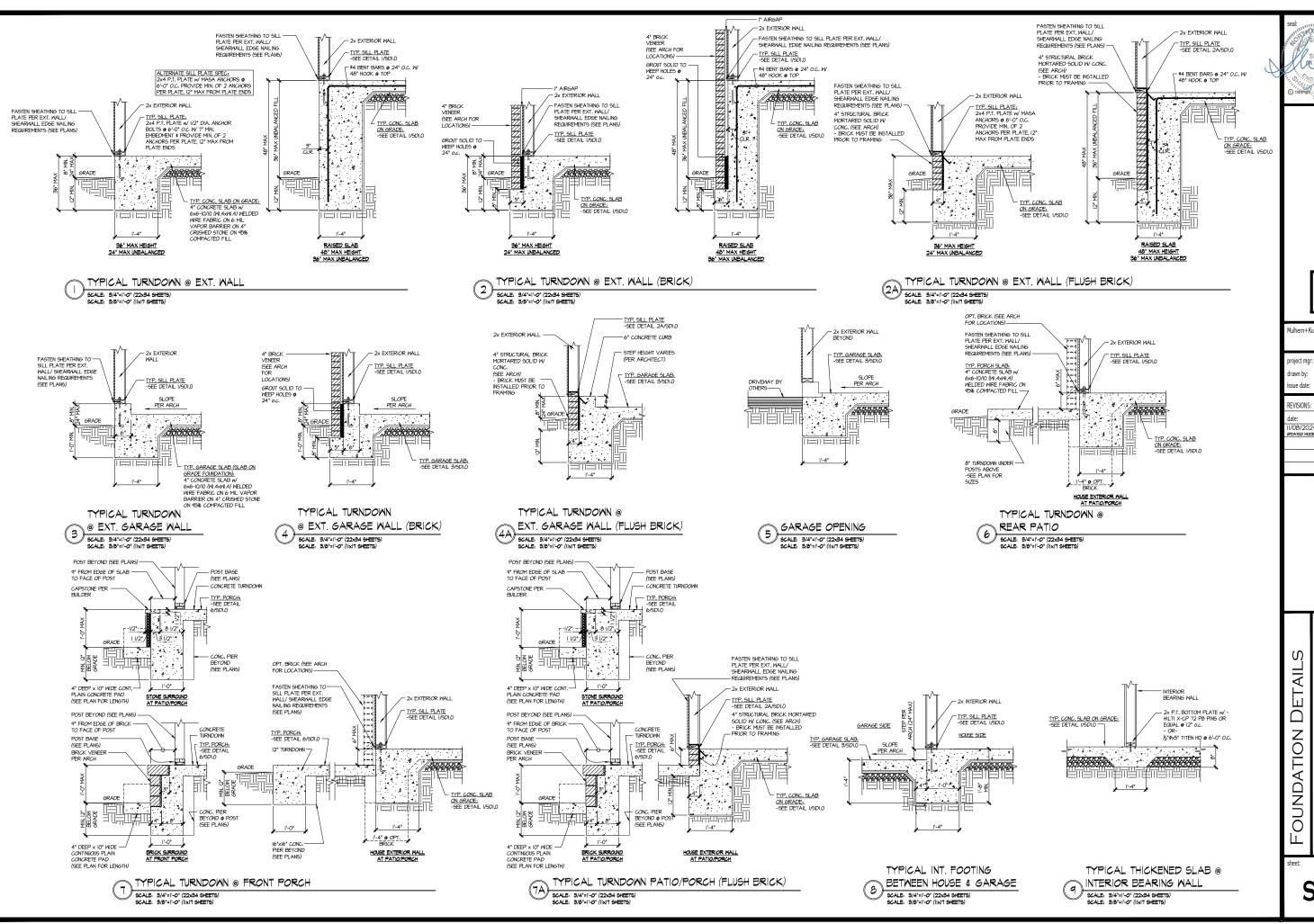
LEGEND

- 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 24" O.C. (MAX.)
- EXTENT OF FLOOR SYSTEM TO BE DESIGNED FOR TILE
- NDICATES HOLDOWN
- * INDICATES POST ABOVE. PROVIDE SOLID BLOCKING UNDER POST OR JAMB ABOVE.

SERENITY MASTER SET RALEIGH, NC

S3.5



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING Parkway, Suite 250 >

lulhern+Kulp project numbe 243-2403

SMK ΚM issue date: 08-16-2024

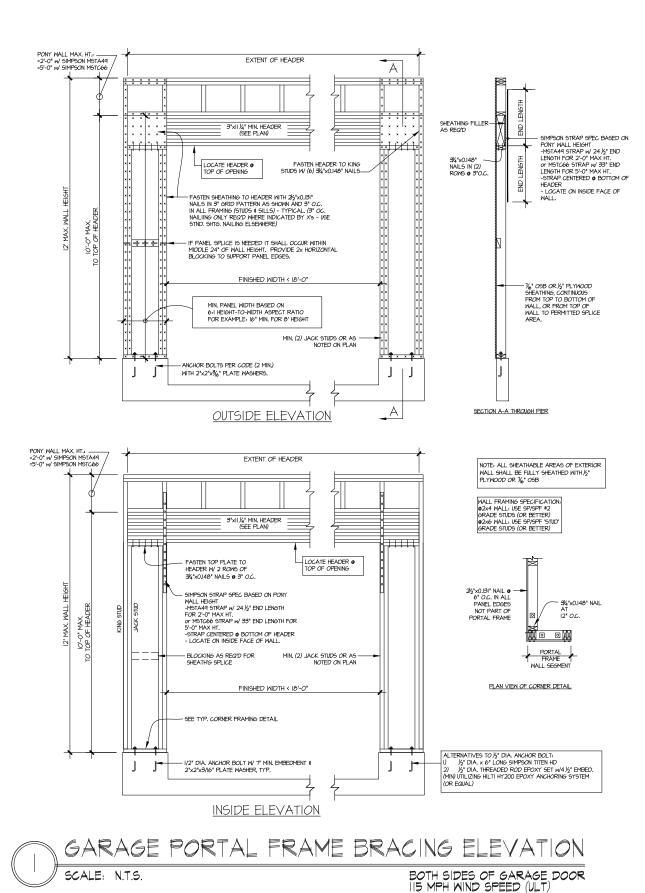
initial: 1/08/2024 SMM PDATED MODEL NAME, OPT. EXT. COVID. PORCH 11/08/2024

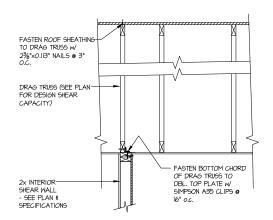
pointe HOMES

5921-09

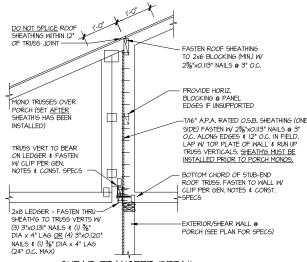
SET J. NO SERENITY MASTER SE RALEIGH,

SD1.0

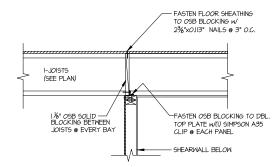




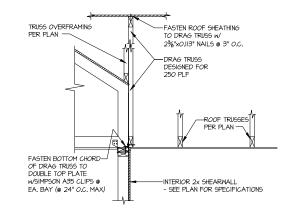
INTERIOR DRAG TRUSS DETAIL



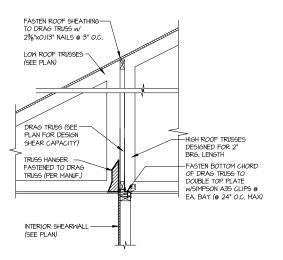
SHEAR TRANSFER DETAIL @ BREAK IN TRUSSES OVER SHEAR WALL SCALE: 3/4"=1"-0" - 22x34 3/8"=1"-0" - IIxIT



SHEAR TRANSFER DETAIL @ INTERIOR SHEARWALL BELOW



SHEAR TRANSFER DETAIL AT INTERIOR SHEARMALL BELOW



SHEAR TRANSFER DETAIL

AT INTERIOR SHEARWALL BELOW

SCALE: 3/4"=1"-0"



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING 3855 Bookaids Parkway, Suins 256 ► Alpl p.778-777-8694 ► mulhemkalp.com NC License # C-3025

Aulhern+Kulp project number 243-2403

SMK frawn by: KΜ\ issue date: 08-16-2024

REVISIONS:

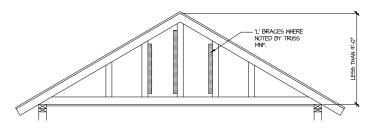
initial: II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

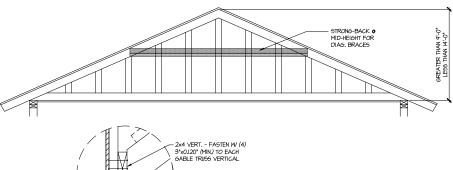
pointe HOMES

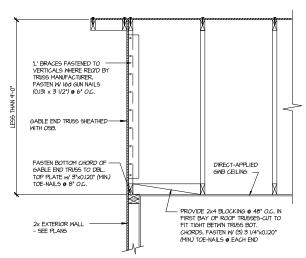
Ŋ

DETAIL MODE FRAMING SERENITY MASTER SET RALEIGH, NC 5921-09

SD2.0

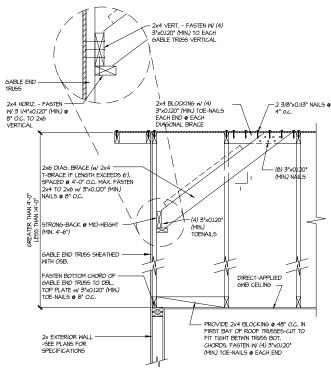






TYPICAL GABLE END BRACING DETAIL SCALE: NOME REQUID 6 GABLE END TRUSS REQ'D @ GABLE END TRUSS HEIGHT UP TO 9'-0"

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



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

TYPICAL GABLE END BRACING DETAIL
SCALE: NONE REGID & GABLE END TRUSS

REQ'D e GABLE END TRUSS HEIGHT BETWN 9'-0" TO 14'-0"

MULHERN+KULP

RESIDENTIAL STRUCTURAL ENGINEERING

3655 Boolesid Parkway, Sale 250 - Alphanta, GA 3022

p.778-777-6074 - motherical processes

NC License # C-36.25



Mulhern+Kulp project number:

243-24035

SMK KΜV issue date: 08-16-2024

REVISIONS:

initial: II/08/2024 SMM UPDATED MODEL NAME, OPT. EXT. COVID. PORCH

tri pointe

FRAMING DETAILS

5921-09 MODEL SERENITY MASTER SET RALEIGH, NC

SD2.1