

MUNICIPALITY MECHANICAL ENGINEER APPLICABLE CODES STRUCTURAL ENGINEER

THIS PLAN SHALL CONFORM TO ALL PULTE CONSTRUCTION STANDARDS

AGENCIES THE WIND, SEISMIC, SNOW AND OTHER SPECIAL LOADING CONDITIONS. THE ARCHITECT SHALL BE NOTIFIED IN WRITING OF ALL DISCREPANCIES.

2. THERE SHALL BE NO STRUCTURAL CHANGES WITHOUT WRITTEN CONSENT OF THE ARCHITECT.

DESIGN LOADS and CRITERIA

LIVE LOAD: ROOF = 20 PSF FLOOR = 40 PSFDECKS = 40 PSFBALCONIES = 60 PSF FLOOR = 15 PSF ROOF = 7 PSF BASIC WIND SPEED = PER ENGINEERING

STAIR LOADS = 40 PSF

LATERAL SOIL PRESSURE = 30 PSF (ASSUMED)

AREA CALCULATION (SQ. FT.)

LOT SPECIFIC AREA TABLE Description :Heated SF 1st Floor 2nd Floor Bedroom 6 - Addional SF :Unheated SF 2 Car Garage Front Porch Screened Porch LOT SPECIFIED PLAN INFORMATION

27592

* Market Home *,

D-8359-00301LOW SPRINGS

359-00301

Plan Features

INSULATION REQUIREMENTS FOR 2018 NORTH CAROLINA ENERGY CODE

COMPONENTS) OF THE	PER SECTION 402, TABLE R402.1.2 (INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENTS) OF THE 2018 NORTH CAROLINA ENERGY CODE, BELOW ARE THE REQUIRED INSULATION AND FENESTRATION REQUIREMENTS				
HOUSE COMPONENT	HOUSE COMPONENT MIN INSULATION R-VALUE				
SLAB ON GRADE FOUNDATIONS	R-10 PERIMETER FOAM BOARD INSULATIONS TO BOTTOM OF FOOTING W/ 2" INSPECTION GAP AT TOP OF FOOTING	MAX U-FACTOR & SHGC FACTOR FOR ALL WINDOW & DOORS			
BASEMENT CONCRETE WALLS ON FINISHED BASEMENT	R-15 BATT INSULATIONS ENCLOSED IN 2X4 FRAME WALL IN FRONT OF CONCRETE BASEMENT WALLS				
BASEMENT CONCRETE WALLS ON UNFINISHED BASEMENT & CRAWL SPACE WALLS	NO INSULATIONS REQUIRED, BUILDING ENVELOPE STOPS AT INSULATED FLOOR SYSTEM				
1ST FLOOR FLOOR SYSTEMS ON UNFINISHED BASEMENT & CRAWL SPACES	R-19 BATT INSULATION HELD FLUSH WITH TOP OF FLOOR TRUSS/FLOOR SHEATHING				
EXTERIOR 2X4 WALLS	R-15 BATT INSULATION ENCLOSED ON ALL 6 SIDES INCLUDING AREAS BEHIND TUB AND SHOWER STALLS				
EXTERIOR 2X6 WALLS	R-19 BATT INSULATION ENCLOSED ON ALL 6 SIDES INCLUDING AREAS BEHIND TUB AND SHOWER STALLS				
2X6 & 2X4 GARAGE WALLS COMMON WITH HEATED SPACE	R-19 (2X6)/ R-15 (2X4) BATT INSULATION ENCLOSED ON ALL 6 SIDES INCLUDING AREAS BEHIND TUB AND SHOWER STALLS				
MAIN HOUSE CEILINGS	R-38 BATT/ R-38 BLOWN INSULATION W/ INSULATION EXT'G TO AIR BAFFLE OR WITHIN 1" OF ATTIC ROOF DECK				
VAULTED CEILINGS (NO ATTIC)	R-38 BATT INSULATIONS EXTENDING TO WITHIN 1" OF OF ATTIC ROOF DECK				
WINDOW & DOORS		0.35 U-FACTOR & .30 SHGC			
GARAGE CEILINGS W/ ATTIC SPACE ABOVE	R-38 BATT/ R-38 BLOWN INSULATION W/ INSULATION EXT'G TO AIR BAFFLE OR WITHIN 1" OF ATTIC ROOF DECK				
GARAGE CEILINGS W/ HEATED SPACE ABOVE	R-19 BATT INSULATIONS WITH (1) LAYER 5/8" SHEET ROCK AT GARAGE CEILING				
PORCHES W/ HEATED SPACE ABOVE	R-19 BATT INSULATIONS				
PROJECTIONS W/ ATTIC SPACE ABOVE	R-38 BATT INSULATIONS EXTENDING TO WITHIN 1" OF ATTIC ROOF DECK				
EXTERIOR FLOOR CAVITY PERIMETER SPACES BETWEEN STORIES	R-15 BATT INSULATIONS				

****	ZONE	4	2018	NC	ENERGY	CODE	

WIMBERLY LOTNUM 123

Garage Bay Choices	2—Car Front Load
Garage Handing	Garage Right
Garage Water Heater Choices	Tankless Water Heater
Stepped / Alternate Entry	Flush Entry
Gathering Room/Great Room Extension	No Extension
Extension Gathering Room/Great Room Fireplace	Corner Fireplace
Flex Room 2 Choices	Bedroom 6 and Bath 4
Stair Rail First Floor Choices	Open Rail
Stair Rail Second Floor Choices	Open Rail
HVAC Location	HVAC Closet
Stair Riser Count Choices	16 Risers
Flex Room Door Choices	Study
Flex Room Window Choices	Optional Windows at Flex Room
Owner's Suite Ceiling Choices	Tray Ceiling
Owner's Suite Window Choices	Optional Windows at Owner's Suite
Bedroom 4 Window Choices	Optional Windows at Bedroom 4
Kitchen Island Outlet Choices	Standard Layout
Kitchen Island Choices	Opt Alt Square Island
Owner's Bath Layout Choices	Owner's Bath Layout 2
Owner's Bath Sink Choices Bath 2 Vanity Choices	Sink
Bath 2 Vanity Choices	Secondary Sink
Laundry Window Choices	Window 1
Basement Patio Options	6' x 4' Concrete Patio
Rear Living Area Patio Choices	Extended Patio
Screen Porch Choices	Screened Patio
Screen Porch Type Choices	Aluminum Screened Patio
Wind Speed Choices	Wind Speed 100
Structural Engineering Code	Raleigh Structural
Elevation Choices	Traditional(TD102)
Foundation Choices	Slab on Grade

GARAGE SEPARATION CHART PER 2018 NCRC				
HOUSE TO GARAGE SEPARATIONS SHALL BE PER SECTION R302.6 & TABLE R302.6 (DWELLING/GARAGE SEPARATION) OF THE 2018 NORTH CAROLINA RESIDENTIAL CODE				
SEPARATION	MATERIAL			
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE			
FROM ALL HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8-INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT			
STRUCTURE(S) SUPPORTING FLOOR/CEILINGS ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT			
GARAGE LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA			
**** PER R302.5.1(OPENING PROTECTION) OF THE 2018 NCRC: OPENINGS FROM A PRIVATE GARAGE DIRECTLINTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1-3/8" IN THICKNE SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 1-3/8" THICK, OR 20-MIN FIRE-RATED DOORS				

BUILDING CODE ANALYSIS

UNPROTECTED FRAME

SEE SEPARATION CHART

3 STORY MAXIMUM MEANS HEIGHT 40 FEET

SHALL HAVE MINIMUM OF 5.7 SQ. FT.

EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS

CONSTRUCTION CLASS:

GARAGE/HOUSE CEILING/ HOUSE ASSEMBLY:

HEIGHT & AREA:

WINDOW FALL PROTECTION REQUIREMENT NOTE

ALL WINDOWS IN PLAN SET SHALL COMPLY WITH WINDOW FALL PROTECTION PER SECTION R312.2 OF THE 2018 NORTH CAROLINA RESIDENTIAL CODE, ALL WINDOWS WHERE THE OPENING OF AN OPERABLE WINDOW IS LOCATED MORE THAN 72 INCHES ABOVE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. — EXCEPTION 3 — WINDOWS THAT ARE PROVIDED WITH OPENING |

NO LOCKING OR BOLT-LATCHING HARDWARE ON PAIRED EGRESS DOORS W/ LEAVES LESS THAN 2'-6" ARE

PER SEC 905.2.2 (UNDERLAYMENT APPLICATIONS) OF THE 2018 NCRC. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL, UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL UNDERLAYMENT SHALL BE TWO LAYERS OF # 15 FELT WITH OVERLAPPING SEAMS

SEE SECTION R302.7 FOR UNDER STAIR PROTECTION

VINYL OR ALUM SOFFIT MATERIAL WITHIN 5' OF PROPERTY LINE MUST MEET PROTECTION REQUIREMENTS OF 2018 NCRC SECTION R302.1.1 & FLAME SPREAD REQUIREMENTS OF R302.1.2

CONSTRUCTION SHOULD MEET THE REQUIREMENTS OF SECTION R318 OF THE 2018 NCRC FOR

PROTECTION AGAINST SUBTERRANEAN TERMITES, TERMITE TREATMENTS SHOULD BE APPLIED TO FRAMING.

Sheet List Table

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S0.0C	
S1.0D	
S1.1A	
	-

Cover Sheet - RLH

S4.0A S4.0B S4.0C ⊺ S5.0A

G0.01

LIMITING DEVICES THAT COMPLY WITH SECTION R312.2

DOUBLE DOOR EGRESS REQUIREMENT NOTE R311.6.1

BUILDING REQUIREMENT NOTE ALL ROOF SHEATHING TO BE 7/16" OSB SHEATHING

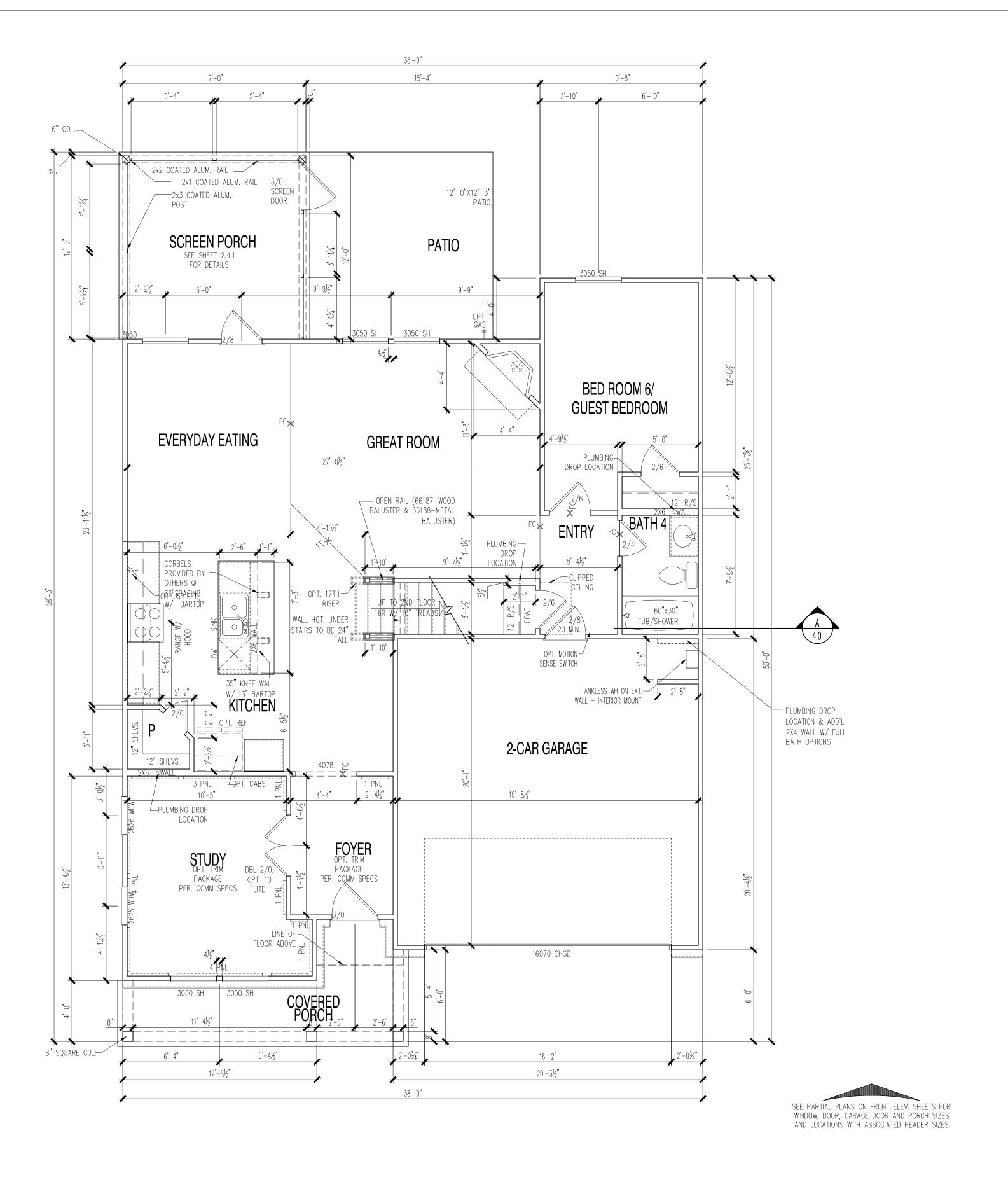
INSULATION REQUIREMENTS FOR 2018 NORTH CAROLINA ENERGY CODE PROVIDED CHART ON COVER

9-00301 835 Home for * Market Home *, TBD-8359-00301, Willow Springs, NC 2; COVER SHEET - RLH

Pulte Group*

| Single Family

Hampton



Southeast Zone

2475 Northwinds Pkwy, Suite 600

Alpharetta, GA 30009 (770) 381-3450

PulteGroup

Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 FIRST FLOOR PLAN

PROJECT TYPE
Single Family

SPECIFICATION LEVEL

D11140

Hampton

NPC CHILD NUMBER
2024.200

A1.11

Southwinds Pkwy, Suite 60

PulteGroup

Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 SECOND FLOOR PLAN

PROJECT TYPE Single Family

SPECIFICATION LEVEL

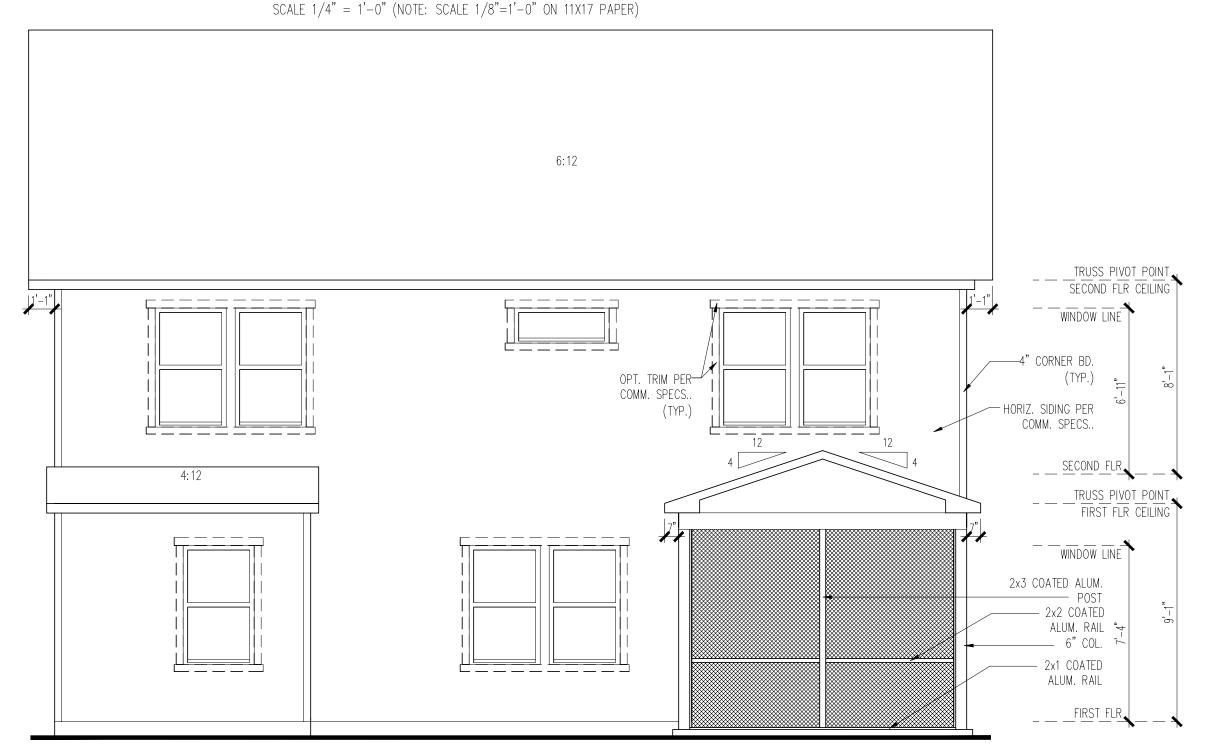
Hampton

NPC CHILD NUMBER
2024.200

A1.21



FRONT ELEVATION SCALE 1/4" = 1'-0" (NOTE: SCALE 1/8"=1'-0" ON 11X17 PAPER)



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Pulte Group*

Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 FRONT AND REAR ELEVATION

PRODUCT MANAGER

DATE: XX/XX/XXXX

PROJECT TYPE
Single Family

PECIFICATION LEVEL

Hampton

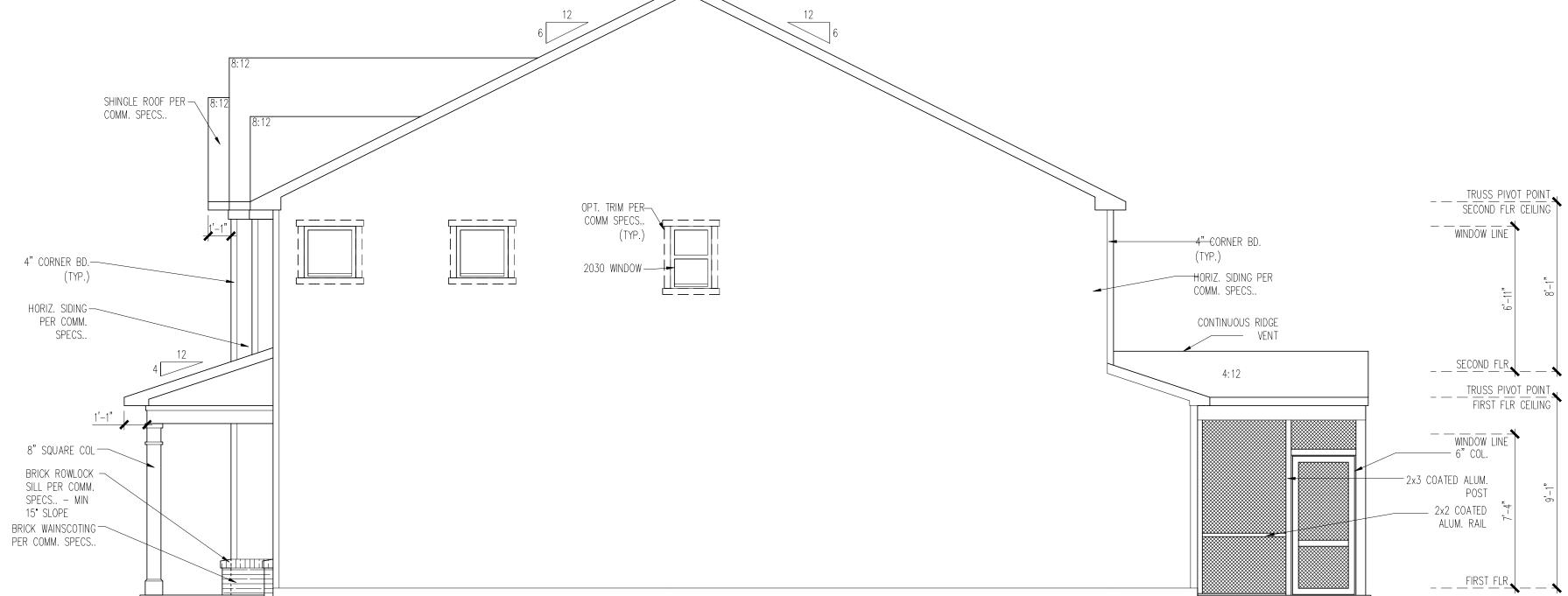
NPC CHILD NUMBER

2024.200

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OPT. TRIM PER-COMM SPECS..

SCALE 1/4" = 1'-0" (NOTE: SCALE 1/8"=1'-0" ON 11X17 PAPER)





Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 LEFT AND RIGHT ELEVATION

	• • • •		•••	• • • • • • • • • • • • • • • • • • • •
PR(ODUCT	MA	NAGER	
РG				
REL	EASE			
DA ⁻	TE:	Χ	x/xx,	/xxxx
REV#	DATE/DESC		, ,	
-Δ-				
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-A-				

Single Family

PLAN NAME
Hampton

NPC CHILD NUMBER
2024.200

ATTIC VENTILATION: (300 SQ FT ATTIC SPACE / 1 SQ FT VENTILATION)

W/ 40%-50% REQ. VENTS GREATER THAN OR EQUAL TO 3' ABOVE EAVE / CORNICE VENTS PER R806.2

ELEVATION TD102 1613 SQ FT UNDER ROOF ATTIC / 300 SQ FT / 1 SQ FT = 5.38 SQ FT VENTILATION

RIDGE VENT 18 SQ IN = (.125 SQ FT) BOX VENT 50 SQ IN = (.3472 SQ FT) SOFFIT VENT 9 SQ IN = (.0625 SQ FT)

5.38 SQ FT x 50 % = 2.688SQ FT RIDGE, 5.38 SQ FT x 50 % = 2.688SQ FT SOFFIT RIDGE VENT OR W/ HIP, BOX VENT

2.688 SQ FT = 21.5 FEET OF RIDGE VENT 2.688 SQ FT = 7.7 BOX VENT(S)

0.125 SQ FT

<u>SOFFIT VENT</u>

<u>2.688 SQ FT</u> = 43.0 FEET OF SOFFIT VENT
0.0625SQ FT

*CALCULATIONS REFLECT 50 % RIDGE AND 50 % SOFFIT VENTS ALLOWABLE PER SECTION R806.2

Pulte Group*

Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 ROOF PLAN

PRODUCT MANAGER
PG
RELEASE
DATE: XX/XX/XX

REVY DATE/DESCRIPTION

PROJECT TYPE Single Family

CIFICATION LEVEL

PLAN NAME
Hampton

NPC CHILD NUMBER
2024.200

A5.01

ROOF PLAN

SCALE 1/4" = 1'-0" (NOTE: SCALE 1/8"=1'-0" ON 11X17 PAPER)





FIRST FLOOR ZONES	
ROOM NAME	AREA
FOYER	63 SF
ENTRY	60 SF
EVERYDAY EATING	358 SF
GREAT ROOM W/ FIREPLACE	222 SF
BEDROOM 6/ GUESS BEDROOM	149 SF
BATH 4	23 SF
STUDY W/ 4' OFFSET	143 SF

Southwinds Pkwy, Suite 600 Alpharetta, GA 30009 (770) 381-3450



Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 FIRST FLOOR FINISH PLAN

PR(DDUCT MANAGER
PG	1
REL	EASE
DA ⁻	TE: XX/XX/XXXX
REV#	DATE/DESCRIPTION
-23-	
00	DIEGT TYPE

Single Family

specification lev

Hampton

NPC CHILD NUMBER
2024.200

A7.11

ZONE '0'

KITCHEN, EVERYDAY EATING

DINING

ZONE '2'

ZONE '1

GREAT ROOM

ZONE '3'

FLEX

ZONE '4'

ZONE '5' POWDER BATH

OWNER'S BATH

SECONDARY BATHS

ZONE '7'

LAUNDRY

ZONE '8'

ZONE '13'

ZONE '6'

OWNER'S BEDROOM (INCL. OWNER'S WIC)

ZONE '9'

SECONDARY BEDROOMS, LOFTS, ZONE '10' HALL

HALLS (PER PLAN AS NEEDED) ZONE '11'

STORAGE

ZONE '12'

OWNER'S ENTRY

ZONE '14'

SUNROOM

OPTIONAL LOFT ZONE '15'

OPT. LOFT BATH

ZONE '16'

ALT. LIVING OPTION

ZONE '17'

OPT. BATH

ZONE '19' OPTIONAL STUDY

OPTIONAL ROOM CHANGES

ZONE '20'

ZONE '21'

ZONE '18'

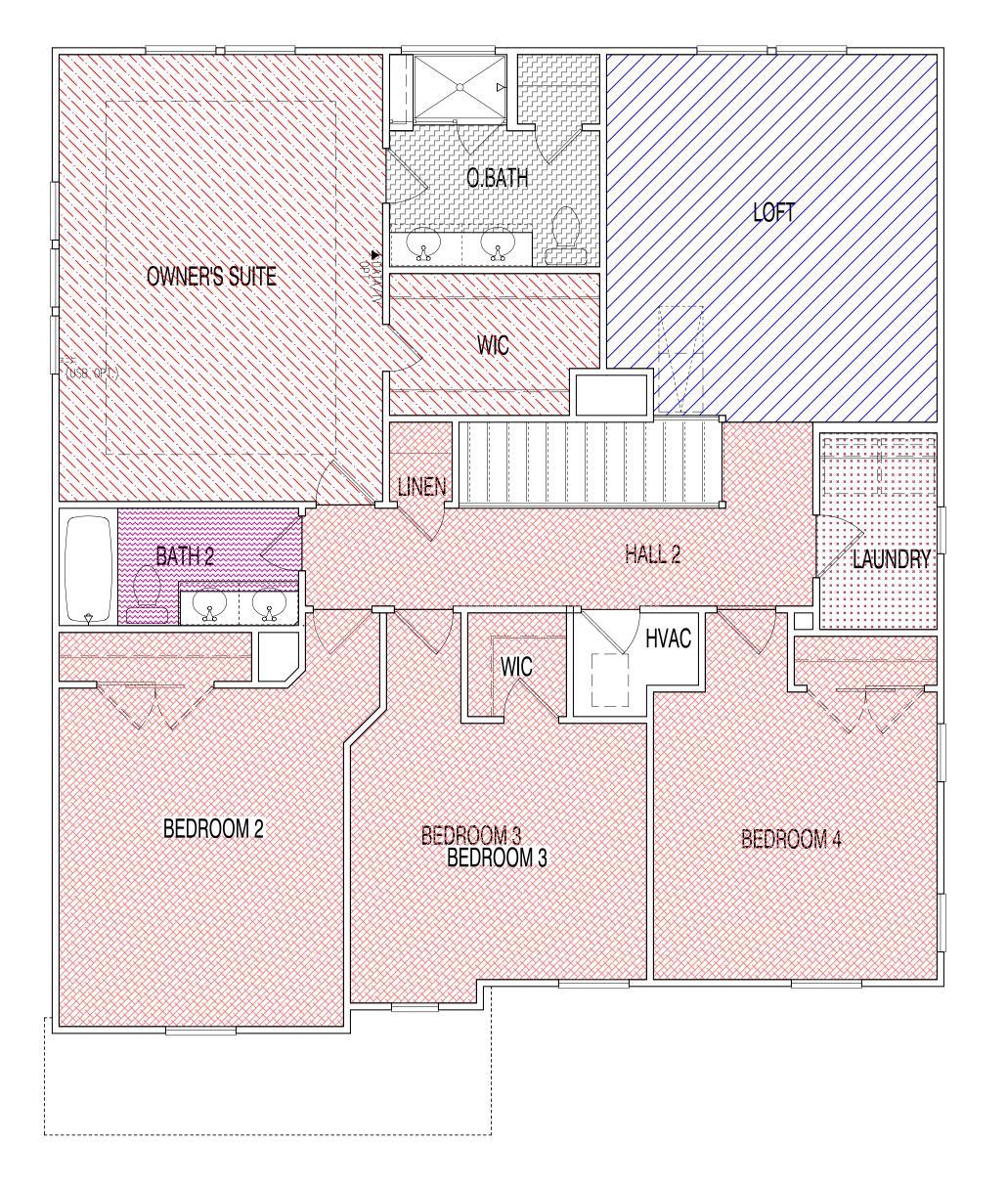
OPTIONAL ROOM CHANGES

ZONE '22'

BASEMENT BATH

FINISHED BASEMENT

ZONE '23'





Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 SECOND FLOOR FINISH PLAN RODUCT MANAGER

PulteGroup*

PROJECT TYPE
Single Family

PLAN NAME
Hampton

NPC CHILD NUMBER
2024.200

A7.21

- ALL WORK SHALL CONFORM TO THE 2018 EDITION OF THE NORTH CAROLINA (INTERNATIONAL) RESIDENTIAL CODE AND APPLICABLE COUNTY CODE AMENDMENTS. STANDARDS LISTED IN STRUCTURAL NOTE SECTIONS REFER TO THE VERSION AND EFFECTIVE DATE IDENTIFIED IN THE REFERENCED STANDARDS CHAPTER IN THE GOVERNING BUILDING CODE NOTED ABOVE
- 2. THE STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS AND THE STRUCTURAL NOTES, THE STRICTEST PROVISION SHALL GOVERN.
- 3. THE STRUCTURAL DRAWINGS FORM AN INTEGRAL PART OF CONTRACT DOCUMENTS, WHICH INCLUDE ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND CIVIL/SITE DRAWINGS. COORDINATE THE STRUCTURAL DRAWINGS WITH THE REQUIREMENTS SHOWN IN THE OTHER COMPONENTS OF THE
- CONTRACT DOCUMENTS. 4. TYPICAL DETAILS AND OTHER SECTIONS/DETAILS APPLY TO CONDITIONS THAT ARE SIMILAR TO THE CONDITIONS DESCRIBED IN THE SECTIONS/DETAILS, EVEN IF THEY ARE NOT SPECIFICALLY
- REFERENCED ON THE PLANS. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS SEQUENCES AND PROCEDURES OF
- CONSTRUCTION, INCLUDING BUT NOT LIMITED TO TEMPORARY SHORING AND BRACING. 6. DO NOT SCALE STRUCTURAL DRAWINGS. IF DIMENSIONS ARE OMITTED OR NOT CLEAR, CONTACT THE ENGINEER.
- 7. CONSTRUCTION SHALL COMPLY FULLY WITH THE APPLICABLE PROVISIONS OF OSHA AND THE LOCAL GOVERNING CODES, CURRENT EDITION, AND ALL REQUIREMENTS SPECIFIED IN THE CODES SHALL BE ADHERED TO AS IF THEY WERE CALLED FOR OR SHOWN ON THE DRAWINGS. THIS SHALL NOT BE CONSTRUED TO MEAN THAT REQUIREMENTS SET FORTH ON THE DRAWING MAY BE MODIFIED BECAUSE THEY ARE MORE STRINGENT THAN THE CODE REQUIREMENTS OR BECAUSE THEY ARE NOT SPECIFICALLY REQUIRED BY CODE
- 8. THE ENGINEER'S SEAL APPLIES ONLY TO THE STRUCTURAL COMPONENTS ON THIS DOCUMENT. ALL DIMENSIONS ARE TO BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS. ANY DEVIATIONS OR DISCREPANCIES ON THESE PLANS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD. BACK CHARGES WILL NOT BE ACCEPTED, REGARDLESS OF FAULT, WITHOUT PRIOR NOTIFICATION BY BUILDER WITHIN 48-HOURS AND INVESTIGATION BY FIELDSTONE.
- 9. THE TERMS 'CONCRETE SCREW' AND 'MASONRY SCREW' SHALL BE USED INTERCHANGEBLY WITHIN THESE DRAWINGS. CONCRETE/MASONRY SCREWS AS GENERICALLY SPECIFIED WITHIN THESE DRAWINGS SHALL REFER TO ONE OF THE FOLLOWING ACCEPTED MANUFACTURER PRODUCTS: SIMPSON STRONG TIE TITEN TURBO, GENUINE TAPCON, OR HILTI KWIK-CON II.
- 10. CONTENT LINKED WITHIN QR CODES THAT MAY BE SHOWN WITH THE DRAWING SET ARE FOR INFORMATIONAL PURPOSES ONLY AND THE PROFESSIONAL SEAL ON THIS DRAWING DOES NOT APPLY TO CONTENT CONTAINED WITHIN ANY QR CODES.
- 11. POST INSTALLED EPOXY ANCHORAGE GENERICALLY NOTED WITHIN THESE DRAWINGS SHALL BE EITHER SIMPSON STRONG TIE SET-3G, OR HILTI HIT-HY-150.

DESIGN CRITERIA.

U	LSIGN UNITENIA.	
1.	BUILDING RISK CATEGORY	=II
2.	VERTICAL LOADING:	
	ROOF TOP CHORD LIVE LOAD	=20 PSF (REDUCIBLE)
	ROOF TOP CHORD DEAD LOAD	=7 PSF
	ROOF TOP CHORD DEAD LOAD (TILE)	=15 PSF
	ROOF BOTTOM CHORD LIVE LOAD (w/ STORAGE)	=20 PSF
	ROOF BOTTOM CHORD LIVE LOAD (w/o STORAGE)	=10 PSF
	ROOF BOTTOM CHORD DEAD LOAD	=10 PSF
	FLOOR LIVE LOAD	=40 PSF
	FLOOR LIVE LOAD (SLEEPING ROOMS)	=30 PSF
	FLOOR DEAD LOAD	=15 PSF
	DECK/BALCONY LIVE LOAD	=40 PSF
	NOTE TO TRUSS & I-JOIST MANUFACTURERS - ROOF & FLOO	R SYSTEM DELEGATED DESIG

CONFORM TO THE FOLLOWING DESIGN STANDARDS

LOCATION	TOTAL LOAD	LIVE LOAD	MAX TOTAL DEFLECTION
ROOF TRUSSES	L/240	L/240	1"
FLOOR JOISTS/TRUSS	L/360	L/480	1/2"

1. MAXIMUM TOTAL LOAD DIFFERENTIAL DEFLECTION BETWEEN ADJACENT PARALLEL MEMBERS SHALL BE 5/8"

2. ANY MEMBER SUPPORTING BRICK/MASONRY SHALL BE LIMITED TO A TOTAL LOAD DEFLECTION OF L/600

3. FIELDSTONE AE CANNOT BE HELD RESPONSIBLE FOR ANY STRUCTURAL ISSUES RELATED TO ANY BUILDING COMPONENT IF COMPONENT SHOP DRAWINGS ARE NOT SUBMITTED TO FAE FOR REVIEW PRIOR TO FABRICATION, DELIVERY, OR INSTALLATION **SNOW CRITERIA:**

GROUND SNOW LOAD (Pg)	=10 PSF
SLOPED ROOF SNOW LOAD (Ps)	=7 PSF
SNOW LOADS ADJACENT VERTICAL PROJE	CTIONS & LOW ROOFS ADJACENT
ARE INCREASED FOR THE EFFECT OF DRIF	TING
LATERAL LOADING	
WIND CRITERIA:	
BASIC WIND SPEED	=120 MPH
EXPOSURE CATEGORY	=C
INTERNAL PRESSURE COEFFICIENT	= +/- 0.18 (ENCLOSEI
SEISMIC CRITERIA	
SITE CLASS	=D
SEISMIC DESIGN CATEGORY	=C
LATERAL EARTH EQUIVALENT FLUID PRESSURE	

5. STAIRS, GUARDRAIL/HANDRAIL LOADING: STAIRS, IF THEY OCCUR, SHALL MEET UNIFORM LOADING OF 40 PSF OR 300 LBS CONCENTRATED LOAD. ALL GUARDRAIL/HANDRAIL SHALL MEET 200 LBS (MIN) CONCENTRATED FORCE APPLIED IN ANY DIRECTION. IN-FILL COMPONENTS OF GUARDRAIL SHALL MEET 50 PLF. THESE LOADS ARE TO BE EVALUATED INDEPENDANTLY AND ARE NOT TO ACT CONCURRENTLY WITH ANY OTHER LIVE LOAD. DEFLECTION OF GUARDRAIL SHALL MEET THE CRITERIA SET FORTH BY THE INTERNATIONAL CODE COUNCIL EVALUATION SERVICES (ICC-ES) AC 273 - "ACCEPTANCE CRITERIA FOR HANDRAIL AND

=55 PCF

FOUNDATION NOTES:

OTHERWISE ON THE DRAWINGS.

WALLS UNBRACED AT TOP

WALL BRACED AT TOP

1. CONTRACTOR SHALL VERIFY ALL CONDITIONS, INCLUDING UNDERGROUND UTILITIES AND FIELD MEASUREMENTS AT JOB SITE AND REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE.

§ 2. TOP OF SPREAD FOOTING ELEVATIONS NOTED ON PLAN ARE MINIMUM ELEVATIONS. IN ALL CASES FOOTINGS ARE TO BEAR ON UNDISTURBED NATURAL SOILS OR ENGINEERED FILL HAVING A PRESUMPTIVE MINIMUM NET ALLOWABLE BEARING CAPACITY OF 2000 PSF.

- 3. SIDES OF FOUNDATIONS SHALL BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS POURED AGAINST THE EARTH REQUIRED THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATIONS AS APPROVED BY GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT. PROVIDE POLYETHYLENE VAPOR RETARDER COMPLYING WITH GOVERNING BUILDING CODE LISTED ON THIS SHEET AGAINST SOILS WHERE CONCRETE IS TO BE PLACED; LAP ALL EDGES 6 INCH (MINIMUM) AND SEAL WITH ADHESIVE.

4. WHERE FOOTING STEPS ARE NECESSARY, THEY SHALL BE NO STEEPER THAN ONE VERTICAL TO TWO

NO FOOTINGS OR SLABS SHALL BE PLACED ON OR AGAINST SUB-GRADE CONTAINING FREE WATER,

HORIZONTAL U.N.O. FOOTINGS SHALL BE CENTERED UNDER COLUMNS AND WALLS UNLESS SPECIFICALLY DETAILED

FROST OR ICE. SHOULD WATER OR FROST, HOWEVER SLIGHT, ENTER A FOOTING EXCAVATION AFTER SUB-GRADE APPROVAL, THE SUB-GRADE SHALL BE RE INSPECTED BY THE GEOTECHNICAL ENGINEER/ TESTING LABORATORY AFTER REMOVAL OF WATER OR FROST. CONTRACTOR SHALL FURNISH ALL REQUIRED DE-WATERING EQUIPMENT TO MAINTAIN A DRY

EXCAVATION UNTIL BACKFILL IS COMPLETE.

. A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF WORK PERFORMED SHALL INSPECT THE CONDITION AND ASSURE THE ADEQUACY OF ALL SITE PREPARATION, SUBGRADES, FILLS, BACKFILLS BEFORE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS AND WALLS. HE SHALL SUBMIT REPORT TO THE ARCHITECT/ENGINEER DESCRIBING HIS INVESTIGATIONS OF ANY NON-CONFORMING WORK

CONCRETE NOTES:

1. STRUCTURAL CONCRETE HAS BEEN DESIGNED IN ACCORDANCE PER ACI 332 "RESIDENTIAL CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"

2. CONCRETE PRODUCTION AND PLACEMENT SHALL CONFORM TO THE REQUIREMENTS OF ACI 332 "RESIDENTIAL CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" EXCEPT AS MODIFIED BY STRUCTURAL REQUIREMENTS NOTED ON THE DRAWINGS

3. CEMENT SHALL CONFORM TO ASTM C150 "SPECIFICATION FOR PORTLAND CEMENT." CONCRETE SHALL BE NORMAL WEIGHT, UNLESS INDICATED OTHERWISE

4. CONCRETE AGGREGATES SHALL CONFORM TO ASTM C33 "SPECIFICATION FOR CONCRETE

AGGREGATES." 5. REINFORCING SHALL CONFORM TO ASTM A-615 GRADE 60.

6. REINFORCEMENT SHALL BE FABRICATED AND ERECTED ACCORDING TO THE ACI STANDARDS: "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT". ACI 315 - AND "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES", ACI 315R.

. REINFORCING STEEL AND WELDED WIRE FABRIC SHALL BE PLACED WITH MINIMUM CONCRETE COVER AND TOLERANCES AS FOLLOWS:

SLAB-ON-GRADE: WITHIN UPPER 2/3 OF SLAB AND 3/4" MINIMUM COVER AT INTERIOR CONDITIONS; 1-1/2" MINIMUM COVER AT EXTERIOR CONDITIONS CONCRETE (FOUNDATION) AGAINST EARTH: 3"

FORMED CONCRETE: TOLERANCE:

1-1/2" (#5 REBAR OR SMALLER) 2" (#6 REBAR OR LARGER) +/- 3/8"

8. REINFORCING STEEL SHALL NOT BE CUT, BENT OR STRAIGHTENED IN THE FIELD UNLESS APPROVED BY THE STRUCTURAL ENGINEER OR AS INDICATED ON THE DRAWINGS

9. WELDING OF REINFORCING STEEL IS PROHIBITED UNLESS SPECIFICALLY DETAILED. WELDING WHERE DETAILED SHALL CONFORM TO AWS D1.4 SPECIFICATION

10. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH AS FOLLOWS: **FOUNDATIONS & FOUNDATION WALLS:** 2500 PSI

SLAB-ON-GRADE & CONCRETE BEAMS: 2500 PSI 11. CONTRACTOR SHALL TIE REINFORCING STEEL SECURELY IN PLACE PRIOR TO PLACING CONCRETE AND PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THEIR POSITION WITHIN SPECIFIED TOLERANCES DURING ALL CONSTRUCTION ACTIVITIES. INSERTING DOWELS INTO WET CONCRETE IS NOT PERMITTED. ANCHOR RODS AND STEEL INSERTS SHALL BE SET BY TEMPLATE TO WITHIN A 1/8"

TOLERANCE IN ANY DIRECTION WITH MINIMUM EMBEDMENT AND EXACT PROJECTION INDICATED ON THE DRAWINGS, PRIOR TO PLACING CONCRETE. 12. HOOKED BARS SHALL BE STANDARD 90 DEGREE HOOKS PER ACI UNLESS NOTED OTHERWISE ON THE DRAWINGS. MINIMUM LAP SPLICE SHALL BE CLASS B PER ACI 318. LOCATION OF LAP SPLICES SHALL BE

AS INDICATED ON CONSTRUCTION DOCUMENTS. 13. DOWELS INTO FOUNDATION SHALL MATCH SIZE AND SPACING OF VERTICAL REINFORCEMENT AT ALL COLUMNS, PIERS AND WALLS, UNLESS OTHERWISE NOTED.

14. CONTRACTOR SHALL OBTAIN APPROVAL PRIOR TO PLACING OPENINGS OR SLEEVES NOT SHOWN ON THE DRAWINGS, THROUGH ANY STRUCTURAL MEMBER.

15. ONE OF THE FOLLOWING CONCRETE SLAB ON GRADE CRACK CONTROL METHODS SHALL BE USED (CONTRACTOR PREFERENCE):

 CONTROL JOINTS: SHALL BE FORMED, SAWED, OR TOOLED TO A 1" MINIMUM DEPTH WITHIN 24 HOURS OF CONCRETE PLACEMENT. MAXIMUM JOINT SPACING FOR UNREINFORCED SLAB IS AS FOLLOWS:

3-1/2" SLAB 4" SLAB:

8 FEET O.C. EACH DIRECTION 10 FEET O.C. EACH DIRECTION

 WELDED WIRE FABRIC (W.W.F.) 6X6-W1.4XW1.4. WELDED WIRE FABRIC SHALL BE FURNISHED IN FLAT SHEETS (ROLLS NOT PERMITTED) AND SHALL CONFORM TO ASTM A-1064 AND HAVE A MINIMUM SIDE 10. FLOOR SHEATHING SHALL BE 23/32 INCH, APA RATED SHEATHING, 48/24 MIN., EXPOSURE 1. INSTALL AND END LAP OF 8 INCHES.

• MICRO- OR MACRO- SYNTHETIC FIBER REINFORCEMENT FIBER LENGTHS SHALL BE 1/2" TO 2-1/4" IN LENGTH. DOSAGE AMOUNT SHALL BE FROM 3/4 TO 3.0 POUNDS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C1116. THE MANUFACTURER/SUPPLIER SHALL PROVIDE CERTIFICATION OF

COMPLIANCE WITH ASTM C1116 WHEN REQUESTED BY THE BUILDING OFFICIAL 16. CONTROL JOINTS SHALL BE FURNISHED WITH A FULL-LENGTH KEYWAY CENTERED ON MEMBERS. WHERE THE SIZE OF KEY IS NOT SHOWN ON THE DRAWINGS, THE KEY SHALL BE 25% OF THE CROSS-SECTION DIMENSION OF THE MEMBER AND MINIMUM 1-1/2 INCHES INTO THE FIRST POUR OF

CONCRETE. 17. PROVIDE POCKETS OR RECESSES IN CONCRETE WORK FOR COLUMNS AND BEAMS AS REQUIRED EVEN IF NOT SHOWN ON THE DRAWINGS. PROVIDE CONCRETE FILL AFTER BEAM ERECTION.

18. CURING OF CONCRETE SURFACES SHALL CONFORM TO ACI 308.1 "STANDARD SPECIFICATION FOR CONCRETE CURING" AND ACI 308R "GUIDE TO CURING CONCRETE"

TO HIGH ROOF

DO NOT PLACE BACKFILL AGAINST FOUNDATION WALLS - DESIGNED AS SUPPORTED AT TOP AND BOTTOM - UNTIL BASEMENT LEVEL AND FIRST FLOOR SYSTEM ARE IN PLACE. SHORE AND/OR BRACE WALLS AS REQUIRED IF BACKFILLING OPERATIONS ARE TO BE CARRIED OUT PRIOR TO PLACEMENT OF FLOOR SYSTEM.

2. WHERE BACKFILL IS TO BE PLACED ON BOTH SIDES OF FOUNDATION WALLS, PROVIDE A BALANCED BACKFILL AGAINST FOUNDATION WALLS TO ELIMINATE LATERAL LOAD EFFECTS, OR PROVIDE NECESSARY TEMPORARY LATERAL SUPPORT TO THE TOP OF THE WALL UNTIL PERMANENT SUPPORT IS

3. BACKFILL MATERIAL SHALL CONSIST OF CLEAN, WELL GRADE GRANULAR SOILS, FREE OF ORGANIC MATERIAL AND BE COMPACTED TO 95% OF MAXIMUM DENSITY, AS DETERMINED BY THE MODIFIED PROCTOR METHOD (ASTM D1557), IN LIFTS NOT EXCEEDING 8 INCHES.

MASONRY NOTES:

1. CONCRETE MASONRY HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 530, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 530.1, "SPECIFICATIONS FOR MASONRY STRUCTURES."

2. CONCRETE MASONRY SHALL CONFORM TO ASTM C90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH F'm = 1,500 PSI U.O.N. MASONRY SHALL HAVE A TEXTURE SUITABLE FOR STUCCO APPLICATIONS WHERE ARCHITECTURAL DRAWINGS INDICATE STUCCO APPLICATION.

CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND.

4. MORTAR FOR ALL MASONRY SHALL CONFORM TO ASTM C270 WITH MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI. MORTAR BELOW GRADE SHALL BE TYPE M. ELSEWHERE MORTAR MAY BE EITHER TYPE M OR S UNLESS SPECIFICALLY INDICATED OTHERWISE. USE EITHER PORTLAND CEMENT/LIME OR MASONRY CEMENT FOR MORTAR.

5. GROUT SHALL CONFORM TO ASTM C476 WITH MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2,500 PSI. 6. STEEL BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.

7. VERTICAL CELLS CONTAINING REINFORCING AND GROUT SHALL FORM A CONTINUOUS CAVITY, FREE OF MORTAR DROPPINGS.

8. VERTICAL CMU WALL REINFORCING SHALL BE AS NOTED ON THE DRAWINGS. DOWELS TO CONCRETE FOUNDATION TO MATCH SIZE AND SPACING OF VERTICAL REINFORCING UNLESS NOTED OTHERWISE. REINFORCE CMU CORE AT CORNERS, EACH SIDE OF CONTROL JOINTS AND EACH SIDE OF WALL OPENINGS WITH (1)-#5 CONTINUOUS VERTICAL REINFORCING BARS.

9. HORIZONTAL BOND BEAM AND VERTICAL REINFORCING SHALL BE CONTINUOUS U.O.N. LAP SPLICE REINFORCING PER THE SCHEDULE OR USE MECHANICAL SPLICES ADEQUATE FOR 125% OF SPECIFIED YIELD STRENGTH OF THE BAR. LAP VERTICAL REINFORCEMENT WITH MINIMUM DOWELS OF SAME SIZE AND SPACING THAT HAVE BEEN PREVIOUSLY INSTALLED IN THE FOUNDATIONS. DOWEL EMBEDMENT IN CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE CONCRETE NOTES.

BAR SIZE	LAP SPLICE LENGTH	BEND DIAMETER	ACI HOOK
#4	20"	3"	10"
#5	25"	3-3/4"	10"
#6	34"	4-1/2"	11"
#7	42"	5-1/4"	13"

10. REINFORCING BARS SHALL BE HELD IN POSITION BY WIRE TIES OR OTHER APPROVED MEANS TO ENSURE DESIGN LOCATION AND LAP. PLACE BARS AND LAP PRIOR TO GROUTING. 11.GROUTING OF MASONRY WALLS SHALL CONFORM TO RECOMMENDED PROCEDURE FOR "LOW LIFT GROUTING" OR "HIGH LIFT GROUTING" AS OUTLINED IN THE NCMA-TEK 3-2A - GROUTING FOR CONCRETE MASONRY WALLS AND ACI 530/ASCE 5 SPECIFICATION FOR MASONRY STRUCTURES. GROUT

LIFTS SHALL NOT EXCEED 5 FEET WITHOUT MECHANICALLY CONSOLIDATED (VIBRATED) GROUT POURS. 12. LIFTS OF GROUT SHALL BE KEYED 4 INCHES INTO THE PREVIOUS COURSE OF MASONRY BELOW.

MASONRY NOTES:

13. MASONRY BELOW GRADE SHALL BE GROUTED SOLID.

14. CONTRACTOR SHALL BRACE MASONRY WALLS TO RESIST WIND LOADS UNTIL FLOORS AND ROOFS ARE IN PLACE, AND THE MASONRY HAS REACHED 75% OF THE REQUIRED STRENGTH F'm. BRACING SHALL BE PROVIDED IN ACCORDANCE WITH OSHA - CONSTRUCTION SAFETY STANDARDS FOR MASONRY WALL BRACING AND NCMA TEK 3-4B - "BRACING CONCRETE MASONRY WALLS DURING CONSTRUCTION."

1. STRUCTURAL SAWN LUMBER, STRUCTURAL COMPOSITE LUMBER, AND CONNECTIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION." (NDS)

PLYWOOD HAS BEEN DESIGNED IN ACCORDANCE WITH "PANEL DESIGN SPECIFICATION." AND SHALL

CONFORM TO "VOLUNTARY PRODUCT STANDARD PS1 CONSTRUCTION AND INDUSTRIAL PLYWOOD." 3. ORIENTED STRAND BOARD (OSB) SHALL CONFORM TO "VOLUNTARY PRODUCT STANDARD PS2

PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL -USE PANELS"

4. ALL BEAMS AND HEADERS SHALL BE (2)-PLY U.N.O. 5. WOOD SILL PLATES AND WOOD WALLS SUPPORTED ON CONTINUOUS CONCRETE OR MASONRY SHALL BE ANCHORED WITH 1/2" DIAMETER CAST-IN-PLACE ANCHOR BOLTS WITH 7" EMBEDMENT, 4" (MINIMUM) AND 12" (MAXIMUM) FROM END OF SILL PLATE(S), LOCATED WITHIN THE MIDDLE THIRD OF THE SILL PLATE, WITH NUT AND 2"x2"x1/8" WASHERS - EXCEPT 3"x3"x0.229" WASHERS ARE REQ'D FOR 2x6 EXTERIOR WALL AND INTERIOR WALLS w/ UPLIFT PER W10 DETAIL - WASHERS AT THE ANCHOR SPACING BELOW:

MAXIMUM ANCHOR BOLT SPACING = 6'-0" O.C.

REFER TO "PRE-APPROVED FIELD REPAIR NOTES" SECTION FOR ALTERNATE ANCHORAGE APPROVALS. FOR OTHER ANCHORS NOT LISTED, SUBMIT TO ENGINEER OF RECORD FOR REVIEW. 6. ALL LUMBER IN CONTACT WITH EARTH, CONCRETE, OR MASONRY - AND WOOD BEAMS POCKETING

INTO CONCRETE OR MASONRY WALLS HAVING CLEARANCES LESS THAN 1/2" ON TOP. SIDES. AND END(S) SHALL BE PRESSURE TREATED OR SEPARATED WITH AN IMPERVIOUS MOISTURE BARRIER. 7. STRUCTURAL SAWN LUMBER SHALL BE SPRUCE-PINE-FIR NO.1 /NO.2 OR BETTER U.N.O. WITH BASE

DESIGN VALUES: $F_{B} = 875 \text{ PSI}$ $F_{CD} = 425 \text{ PSI}$ $F_{T} = 450 \text{ PSI}$ $F_{C} = 1150 \text{ PSI}$ $F_{V} = 135 \text{ PSI}$ E = 1400 KSI

WITH THE MOISTURE CONTENT OF THE WOOD IN SERVICE WILL NOT EXCEED 19%. 8. BEARING AND EXTERIOR WALL STUDS SHALL BE CAPPED WITH DOUBLE (2X) TOP PLATES INSTALLED TO PROVIDE OVERLAPPING AT CORNERS AND AT INTERSECTIONS. END JOINTS IN DOUBLE (2X) TOP PLATES SHALL BE OFFSET AT LEAST 24 INCHES AND SHALL BE NAILED WITH NOT LESS THAN (8)-0.162"x2-1/2" FACE NAILS ON EACH SIDE THE JOINT. DOUBLE (2X) TOP PLATES OF EXTERIOR WALLS AND INTERIOR LOAD BEARING WALLS SHOWN ON DRAWINGS SHALL BE SOUTHERN YELLOW PINE NO.2 OR BETTER WITH BASE DESIGN VALUES:

 F_{R} = 1100 PSI F_{CR} = 565 PSI F_{T} = 675 PSI F_{C} = 1450 PSI F_{V} = 175 PSI E= 1400 KSI WITH THE MOISTURE CONTENT OF THE WOOD IN SERVICE WILL NOT EXCEED 19%.

9. STRUCTURAL COMPOSITE LUMBER SHALL CONFORM TO ASTM D 5456 WITH THE FOLLOWING **ALLOWABLE DESIGN STRESSES**

MICROLLAM LVL E = 2000 KSI $F_{B} = 2600 \, PSI$

PARALLAM PSL(*) TIMBERSTRAND LSL $E = 1800 \, KSI$ E = 1300 KSI $F_{B} = 2400 \, PSI$ $F_{B} = 1700 \, PSI$

(*) - 'BOOZER BEAM 2.1E' ARE AN ACCEPTED ALTERNATE TO PSL COLUMNS SPECIFIED ON PLANS PROVIDED THE 'BOOZER BEAM 2.1E' IS OF EQUAL OR GREATER SECTION DIMENSION TO THE PSL COLUMN AND OF EQUAL OR LESSER HEIGHT

WITH THE LONG DIMENSION OR STRENGTH AXIS OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL EDGES SHALL BE TONGUE-AND-GROOVE. FLOOR SHEATHING SHALL BE GLUED AND NAILED TO SUPPORTING MEMBERS. ADHESIVE SHALL MEET APA SPECIFICATION AFG.01, APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. PROVIDE 0.131"X2-1/2" COMMON NAILS AT 6 INCH O.C ALONG SUPPORTED PANEL EDGES AND 12 INCH O.C AT INTERMEDIATE SUPPORTS.

11. FOR INTERIOR WALL HEADERS PROVIDE (1)-2X JACK STUD AND (1)-2X KING STUD U.N.O. ON DRAWINGS 12. FOR EXTERIOR WALL HEADERS PROVIDE (1)-2x JACK STUD AND (1)-2x KING STUD, MINIMUM. REFER TO TABLE R602.7.5 FOR THE NUMBER OF FULL HEIGHT KING STUDS REQ'D EACH SIDE OF WINDOW/DOOR OPENINGS IN EXTERIOR WALLS.

13. WALLS SHOWN ON THE FRAMING PLANS ARE LOAD BEARING WALLS; WALLS NOT SHOWN ON

STRUCTURAL FRAMING PLANS ARE INTERIOR NON-LOADING BEARING PARTITION WALLS 14. LOAD BEARING WALLS SHALL BE CONSTRUCTED WITH 2X STUDS AT 16" O.C. MAXIMUM U.N.O. NON-LOAD BEARING PARTITION WALLS SHALL BE CONSTRUCTED WITH 2X OR METAL STUDS (18 GA. MIN.) @ 24" O.C. MAXIMUM.

15. STUD COLUMNS UNDER LOAD BEARING POINTS OF GIRDERS/BEAMS SHALL MATCH THE GIRDER/BEAM PLY COUNT WITHIN 1/2" TOLERANCE (2-PLY STUD COLUMN MINIMUM). SOLID BLOCK ALL GIRDER/BEAMS THRU FLOOR SYSTEMS AND TO THE FOUNDATION.

16. WHEN NOT SHOWN ON DRAWINGS OR DETAILS, THE NAILING SCHEDULE FOR WOOD FRAMING ELEMENTS SHALL COMPLY WITH THE NCRC TABLE R602.3(1).

17. FLOOR SYSTEMS ARE DESIGNED BY THE TRUSS AND/OR WOOD I- JOIST MANUFACTURER'S DELEGATED ENGINEER AND BE IN CONFORMANCE WITH THE LOADS & DEFLECTIONS IDENTIFIED IN THE DESIGN CRITERIA NOTES SECTION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS, NOTES, AND DETAILS. FLOOR FRAMING CONCEPT LAYOUTS SHOWN WITHIN THE DRAWINGS ARE FOR ILLUSTRATIVE PURPOSES ONLY TO DEPICT FLOOR SYSTEM-TO-WALL CONNECTIONS. CHANGES TO THE CONCEPTUAL FLOOR LAYOUT SHOWN IS NOT PERMITTED WITHOUT A LETTER AND REVIEW FROM THE ENGINEER OF RECORD, PREFABRICATED WOOD I-JOIST SHALL CONFORM TO ASTMID 5055.

'KE	FABRICATED WOO	DD 1-JOIST SHALL CONFO	DRINI TO ASTIM	D 5055.	
	VENEER ANGLE SUPPORT SCHEDULE				
		MAXIMUM HEIGHT OF	STEEL	STEEL ANGLE SIZE	
	MAXIMUM SPAN	VENEER OVER ANGLE	STANDARD	ARCHING ACTION	
	3 FT	28 FT	L3x3x1/4	L3x3x1/4	
		3 FT	L3x3x1/4		
	6 FT	8 FT	8 FT L4x3x1/4 L3x	L3x3x1/4	
		20 FT	L5x3-1/2x3/8		
		3 FT	L4x3x3/8		
	9 FT	10 FT	L6x4x3/8	L4x3x3/8	
		20 FT	L7x4x7/16		
	16 FT	2 FT	L6x4x3/8	L8x4x7/16	
	16 FT	3 FT	L7x4x3/8		
3:					

1. ALL STEEL ANGLES SUPPORTING VENEER SHALL NOT BE FASTENED TO HEADERS U.N.O. PER PLAN. UNEQUAL LEG ANGLES SHALL BE INSTALLED LONG LEG VERTICAL (LLV).

2. MAXIMUM VENEER HEIGHT APPLIES TO ANY PORTION OF THE VENEER OVER THE OPENING FOR STANDARD ANGLE SIZING ONLY.

3. MINIMUM END BEARING OF LINTEL TO BE 4" MINIMM. 4. **FOR USE OF ARCHING ACTION LINTEL SIZE THERE MUST BE:

a. 8" + 50% OF THE "MAXIMUM SPAN" OR GREATER TO THE TOP OF THE VENEER b. A MINIMUM 2'-0" LENGTH OF FULL HEIGHT VENEER EACH SIDE OF OPENING

c. NO CONTROL JOINTS LOCATED ADJACENT TO THE LINTEL

d. VENEER SHALL BE LAID IN RUNNING BOND.

e. SHORE LINTEL UNTIL FULL CURE OF VENEER. IF ANY OF THE ABOVE CONDITIONS IS NOT MET, USE STANDARD LINTEL SIZE LISTED

JURISDICTION SPECIFIC NOTES:

1. FOR PARTIALLY ENCLOSED AREAS, INCLUDING BUT NOT LIMITED TO LANAIS, PORCHES, AND BALCONIES A 1/2" (MINIMUM) EXTERIOR GRADE SOFFIT BOARD WITH A CEMENTITIOUS KNOCKDOWN FINISH IS ACCEPTABLE PROVIDED THAT IT IS PAINTED MEETING THE REQUIREMENTS OF ASTM C932 TO GIVE THE CEILING WATER RESISTANCE. THE SOFFIT BOARD PRODUCT SHALL BE ATTACHED PER MANUFACTURER SPECIFICATIONS TO BE IN COMPLIANCE WITH R703.1

2. THE SOFFIT DESIGN PRESSURE IS AS NOTED IN THESE DOCUMENTS. WITH KAYCAN VINYL SOFFIT INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIRMENTS AND ICC-ES EVALUATION REPORT ESR-1495 THE SOFFIT WILL COMPLY WITH R703.1

PRE-ENGINEERED ROOF TRUSS NOTES:

1. ROOF TRUSS SHOWN ON STRUCTURAL DRAWINGS IN CONCEPTUAL ONLY TO ILLUSTRATE TRUSS-TO WALL CONNECTIONS AND DOES NOT SERVE AS A ROOF TRUSS DESIGN. ROOF TRUSSES SHALL BE DESIGNED AND MANUFACTURED IN CONFORMANCE FOR THE INDICATED LOADS WITH ANSI/TPI 1 "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION." FINAL PRE-ENGINEERED ROOF TRUSS FRAMING LAYOUT AND DESIGNS TO BE BY ROOF MANUFACTURER'S DELEGATED ENGINEER.

2. ROOF TRUSSES SHALL BE DESIGNED FOR THE SUPERIMPOSED LOADS IDENTIFIED IN THE DESIGN CRITERIA NOTES SECTION.

3. FOR PLANS FIELDSTONE AE IS NOT CONTRACTED TO PERFORM TRUSS REVIEW ON, THE CONTRACTOR IS RESPONSIBLE TO ASSURE THE DIRECT COMPLIANCE OF TRUSS MANUFACTURER LAYOUT TO THESE DRAWINGS & VERIFY ALL TRUSS CONNECTORS ARE SUFFICIENT TO WITHSTAND THE UPLIFT/LATERAL LOADS IMPOSED

4. TRUSS MANUFACTURER SHALL PROVIDE HANGERS AND CONNECTIONS ADEQUATE FOR LOADS AT ALL TRUSS-TO-TRUSS, TRUSS-TO-BEAM, AND BEAM-TO-TRUSS CONNECTIONS. IF ANY TRUSS CONNECTOR SHOWN IN THESE DRAWINGS CAPACITY HAS BEEN EXCEEDED. THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY.

5. REFER TO ARCHITECTURAL DRAWINGS FOR TRUSS SHAPE, OVERHANG, DIMENSIONS, SLOPES, SPANS, DRAINAGE, BEARING WALL HEIGHTS, ETC.

THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENTS OF ALL MECHANICAL UNITS, ELECTRICAL FIXTURES, PLUMBING, FIRE SPRINKLERS, ETC SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MANUFACTURER. SEE ARCHITECTURAL DRAWINGS FOR ATTIC ACCESS SIZE AND

LOCATIONS. 7. SUPERIMPOSED LOADS FROM SECONDARY FRAMING (I.E. SOFFITS, PARAPETS, VALLEY FRAMING,

UPPER TRUSSES, ETC) SHALL BE INCLUDED IN THE DESIGN OF SUPPORTING TRUSSES. 8. CONTRACTOR TO PROVIDE TRUSS BRACING PER BCSI-B3 IN ADDITION TO PERMANENT BRACING SHOWN ON THE TRUSS DESIGN PROVIDED BY THE DELEGATED TRUSS ENGINEER.

PRE-APPROVED FIELD REPAIR NOTES

1. MISPLACED DOWEL REPAIR: THIS NOTE DESCRIBES ALTERNATES TO MITIGATE THE CASTING OF REBAR VERTICAL REINFORCMENT AT AN INCORRECT LOCATION.

IF THE WALL HAS NOT BEEN BUILT: DRILL AND EPOXY #5 REBAR (36" LG.) INTO THE THICKENED EDGE

OF SLAB AT THE CORRECT LOCATION. AS WALL IN CONSTRUCTED, LAP REBAR IN ACCORDANCE WITH MASONRY NOTES LAP SCHEDULE, PLACING A HOOKED BAR WITH 12" LAP AT THE TOP OF WALL WITH THE CONTINUOUS REBAR IN THE TIE BEAM/BOND BEAM. COMPLETE GROUTING OF WALL IF THE WALL HAS ALREADY BEEN BUILT: PRIOR TO GROUT PLACEMENT, OPEN THE WALL AT THE CORRECT LOCATION APPROXIMATELY 16" (H) x 4" (W) AT FLOOR LEVEL. DRILL AND EPOXY #5 REBAR (32" LG.) INTO THE THICKENED EDGE OF SLAB. LAP VERTICAL REINFORCEMENT IN ACCORDANCE WITH MASONRY NOTES LAP SCHEDULE, PLACING A HOOKED BAR WITH 12" LAP AT THE TOP OF WALL WITH

THE CONTINUOUS REBAR IN THE TIE BEAM/BOND BEAM. COMPLETE GROUTING OF WALL. 2. MISSING/MISPLACED ANCHOR BOLT: ALTERNATE SILL PLATE ANCHORAGE SOLUTIONS

INTO CONCRETE: A 1/2"x6" TITEN HD WITH 1-3/4" MINIMUM EDGE DISTANCE AND 6" MINIMUM END DISTANCE IS A DIRECT 1:1 REPLACEMENT FOR A 1/2" DIAMETER ANCHOR BOLT WITH 7" EMBEDMENT INTO CONCRETE. A 1/2" THREADED ROD SET-3G EPOXY 7" EMBEDMENT WITH 1-3/4" MINIMUM EDGE DISTANCE AND 7-1/2" MINIMUM END DISTANCE IS A DIRECT 1:1 REPLACEMENT FOR A 1/2" DIAMETER ANCHOR BOLT WITH 7" EMBEDMENT INTO CONCRETE.

INTO GROUT FILLED MASONRY (GFCMU)

A 1/2"x6" TITEN HD WITH 1-3/4" MINIMUM EDGE DISTANCE AND 8" MINIMUM END DISTANCE AT 4'-8" O.C. REPLACES A 1/2" DIAMETER ANCHOR BOLT WITH 7" EMBEDMENT AT 6'-0" O.C.; LIKEWISE A 1/2"x6" TITEN HD WITH 1-3/4" MINIMUM EDGE DISTANCE AND 8" MINIMUM END DISTANCE AT 2'-8" O.C. REPLACES A 1/2" DIAMETER ANCHOR BOLT WITH 7" EMBEDMENT AT 4'-0" O.C.

3. SIMPSON MASA SILL ANCHORS MAY BE USED AS AN ALTERNATE TO THE ANCHOR BOLTS AND SPACING NOTED HERE-IN ACCORDING T

O TH	O THE FOLLOWING TABLE:		
	BASIC WIND	MAXIMU	
	SPEED (MPH)	SPACING	
	<140	6'-0"	
	140	1'-6"	
	150	1'-3"	

1. MASA SPACING BASED ON NO MORE THAN ONE IN THREE INSTALLED WITH ONE LEG INSTALLED VERTICALLY ATTACHED TO STUD

4. MISSING/MISPLACED TRUSS STRAP ANCHOR: REFER TO "MISSED TRUSS STRAP REPAIR" DETAIL WITHIN FOR MISLOCATED TRUSS ANCHORS WHICH ARE GREATER THAN 1/8" BUT LESS THAN 1-1/2" FROM THE FACE OF THE TRUSS, A SHIM SHALL BE PROVIDED AND NAIL LENGTH INCREASED TO PENETRATE

NEW ANCHORS. 5. MASONRY WALL OVERHANGING SLAB

BLOCK OVERHANG NO REPAIR REQ'D

< 5/8" 5/8" < OVERHANG < 1-1/2" GROUT SOLID BOTTOM 3 COURSES OF AFFECTED WALL LENGTH

THROUGH BOTH PLYS OF MATERIAL (I.E. 3" LG. NAILS). WHEN GAP IS GREATER THAN 1-1/2", INSTALL

CONTACT ENGINEER OF RECORD FOR REPAIR >1-1/2" 6. NOTCHED TOP PLATES & STUDS REQUIRING REPAIR AT ST<u>UDS:</u> STRUCTURAL REPAIR IS REQUIRED AT STUDS WHEN A STUD IS NOTCHED TO A DEPTH GREATER THAN 25% OF THE WIDTH IN BEARING WALLS, OR 40% IN NON-LOAD BEARING WALLS; OR WHEN A HOLE IS DRILLED/BORED TO A DIAMETER EXCEEDING 40% OF THE STUD WIDTH IN BEARING WALLS, OR 60% OF THE STUD WIDTH IN NON-BEARING WALLS. IF THE MAXIMUM HOLE/NOTCH SPECIFICATIONS ARE EXCEEDED THEN A STUD SHOE MUST BE INSTALLED. STUD SHOE REPAIRS ARE AS FOLLOWS: FOR 2X STUD USE HSS2-SDS1.5 WITH (12)-1/4"X1-1/2" SDS SCREWS. FOR MULTI-PLY 2X STUDS USE HSS2-"#"-SDS3 WITH (12)-1/4"X3" SDS SCREWS, WHERE "#" CORRESPONDS TO THE NUMBER

OF STUDS IN THE MULTI-PLY. AT TOP PLATES: A HOLE, CUT, OR NOTCH THAT IS GREATER THAN 50% OF THE PLATE WIDTH IS REMOVED FOR PIPING (EXCEPT WHEN THE SIDE OF THE WALL WITH THE NOTCH OR CUT IS COVERED BY WOOD STRUCTURAL PANEL SHEATHING), OR THE PLATES ARE CUT THROUGH. THE REQUIRED REPAIR IS A GALVANIZED 16-GAUGE METAL TIE THAT IS AT LEAST 1-1/2" WIDE AND MUST BE FASTENED WITH (8)-16D NAILS ON EACH SIDE OF THE

THE LATERAL FORCE RESISTING SYSTEM OF THIS PLAN

WAS REVIEWED & COMPLETED PER CHAPTER 16 OF THE

WITH ASCE 7 & ACCEPTED ENGINEERING PRACTICE, AS

NORTH CAROLINA BUILDING CODE IN COMBINATION

RESIDENTIAL CODE. CONSEQUENTLY, THIS PLAN AS

DETAILED IS SUFFICIENT TO RESIST THE CODE LEVEL

THE PRESCRIPTIVE PROVISIONS OF SECTION R602.10.

LATERAL FORCES, AND DOES NOT NEED TO COMPLY TO

ALLOWED BY SECTION R301.1.3 OF THE STATE

7. INTERIOR BEARING WALLS WITHOUT UPLIFT (i.e. DETAIL W11) SHALL HAVE SILL PLATES ATTACHED w/ 0.162"x3-1/2" NAILS @ 16" O.C. TO JOIST/RIM/BLOCKING AT WOOD FLOOR SUBSTRATE AND 3/16"x3-3/4" CONCRETE SCREWS OR HILTI X-CF OR X-CP 2-7/8" POWDER ACTUATED FASTENERS @ 24'

■RICHARD BAXTER, PE O.C. AT CONCRETE SUBSTRATE U.N.O. PER PLAN. P.E.# 055861 NORTH CAROLINA □IAN MCCULLOUGH, PE P.E.# 043711 NORTH CAROLINA LATERAL SYSTEM DESIGN

08/15/2025 DATE



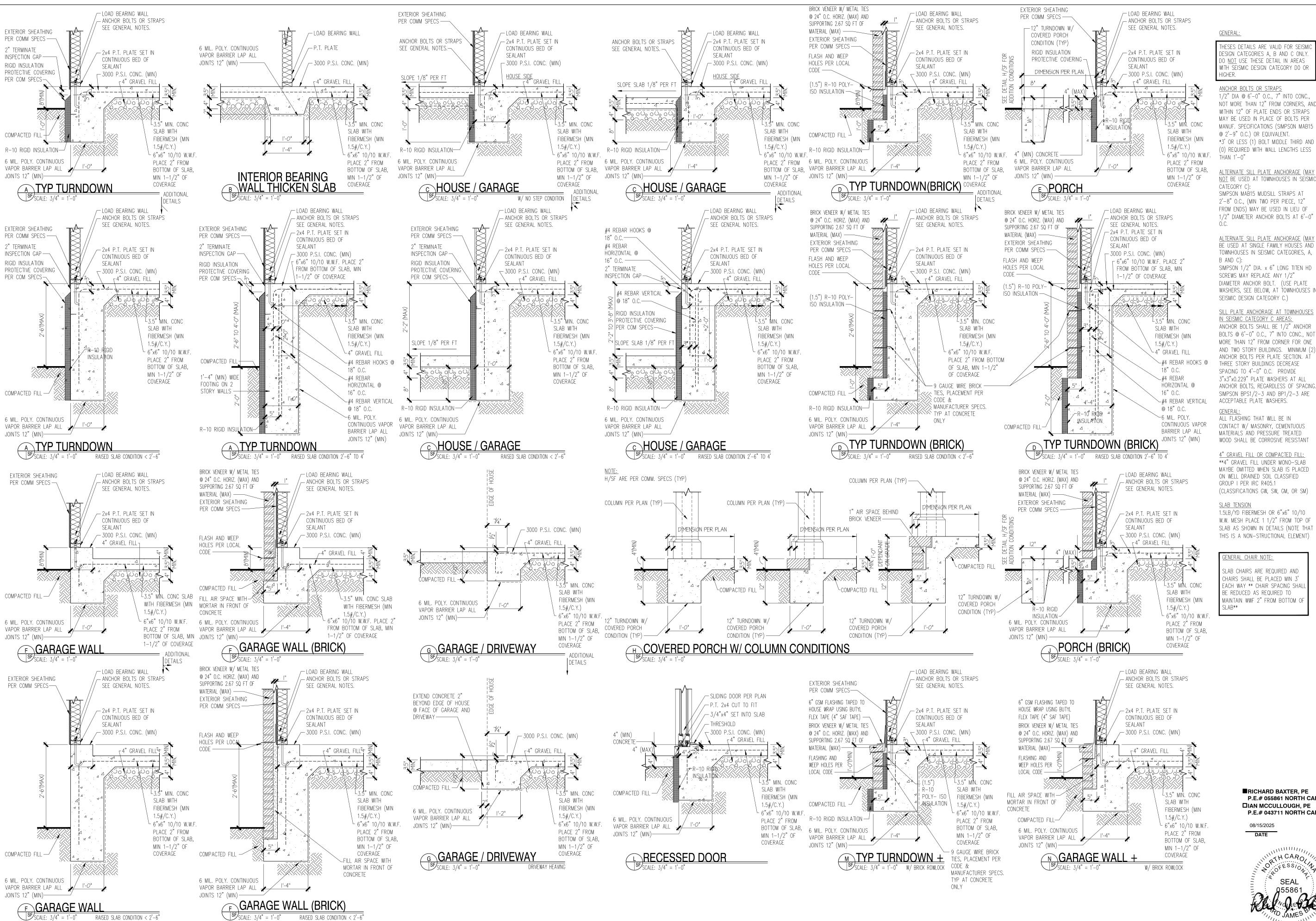
00-6 835 farket Home * Ma -00301, TO GEI Home J TBD-83 NC-

RODUCT MANAGER xx/xx/xxx # DATE/DESCRIPTION

Single Family

CIFICATION LEVEL

Hampton



RAISED SLAB CONDITION < 2'-6'

HESES DETAILS ARE VALID FOR SEISM DESIGN CATEGORIES A, B AND C ONLY O NOT USE THESE DETAIL IN AREAS WITH SEISMIC DESIGN CATEGORY DO OR

ANCHOR BOLTS OR STRAPS 1/2" DIA @ 6'-0" O.C., 7" INTO CONC., NOT MORE THAN 12" FROM CORNERS, AND WITHIN 12" OF PLATE ENDS OR STRAPS MAY BE USED IN PLACE OF BOLTS PER

MANUF. SPECIFICATIONS (SIMPSON MAB15 *3' OR LESS (1) BOLT MIDDLE THIRD AND (0) REQUIRED WITH WALL LENGTHS LESS

NOT BE USED AT TOWNHOUSES IN SEISMIC CATEGORY C): SIMPSON MAB15 MUDSILL STRAPS AT 2'-8" O.C., (MIN TWO PER PIECE, 12" FROM ENDS) MAY BE USED IN LIEU OF 1/2" DIAMETER ANCHOR BOLTS AT 6'-0"

ALTERNATE SILL PLATE ANCHORAGE (MAY BE USED AT SINGLE FAMILY HOUSES AND TOWNHOUSES IN SEISMIC CATEGORIES, A, B AND C):

SIMPSON 1/2" DIA. x 6" LONG TITEN HD SCREWS MAY REPLACE ANY 1/2" DIAMETER ANCHOR BOLT. (USE PLATE WASHERS, SEE BELOW, AT TOWNHOUSES IN SEISMIC DESIGN CATEGORY C.)

SILL PLATE ANCHORAGE AT TOWNHOUSES IN SEISMIC CATEGORY C AREAS: ANCHOR BOLTS SHALL BE 1/2" ANCHOR BOLTS @ 6'-0" O.C., 7" INTO CONC., NOT MORE THAN 12" FROM CORNER FOR ONE AND TWO STORY BUILDINGS. MINIMUM (2) ANCHOR BOLTS PER PLATE SECTION. AT THREE STORY BUILDINGS DECREASE 3"x3"x0.229" PLATE WASHERS AT ALL ANCHOR BOLTS, REGARDLESS OF SPACING. SIMPSON BPS1/2-3 AND BP1/2-3 ARE ACCEPTABLE PLATE WASHERS.

ALL FLASHING THAT WILL BE IN CONTACT W/ MASONRY, CEMENTUOUS MATERIALS AND PRESSURE TREATED WOOD SHALL BE CORROSIVE RESISTANT

4" GRAVEL FILL OR COMPACTED FILL: **4" GRAVEL FILL UNDER MONO-SLAB MAYBE OMITTED WHEN SLAB IS PLACED ON WELL DRAINED SOIL CLASSIFIED GROUP I PER IRC R405.1 (CLASSIFICATIONS GW, SW, GM, OR SM)

1.5LB/YD FIBERMESH OR 6"x6" 10/10 W.W. MESH PLACE 1 1/2" FROM TOP OF SLAB AS SHOWN IN DETAILS (NOTE THAT

THIS IS A NON-STRUCTIONAL ELEMENT)

<u>GENERAL CHAIR NOTE:</u>

SLAB CHAIRS ARE REQUIRED AND CHAIRS SHALL BE PLACED MIN 3 EACH WAY ** CHAIR SPACING SHAI BE REDUCED AS REQUIRED TO MAINTAIN WWF 2" FROM BOTTOM OF

08/15/2025

DATE

TH CARO

SEAL

■RICHARD BAXTER, PE P.E.# 055861 NORTH CAROLINA □IAN MCCULLOUGH, PE P.E.# 043711 NORTH CAROLINA

Single Family

9-00307

835

Home for * Market Home *
TBD-8359-00301, Willow Springs, NC
MONO SLAB FOUNDAT

ODUCT MANAGER

ATE: XX/XX/XXXX

LEASE

REV# DATE/DESCRIPTION

ECIFICATION LEVEL

Pulte Group

Hampton

Home for * Market Home *, 8359-00301 TBD-8359-00301, Willow Springs, NC 27592 1ST FLOOR - STRUCTURAL - FOUND

PulteGroup*

PLAN

FOUNDATION

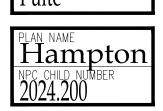
PRODUCT MANAGER DATE: XX/XX/XXXX

PROJECT TYPE
Single Family

■RICHARD BAXTER, PE
P.E.# 055861 NORTH CAROLINA
□IAN MCCULLOUGH, PE
P.E.# 043711 NORTH CAROLINA

SEAL 055861

08/15/2025 DATE



MONO—SLAB FOUNDATION PLAN
SCALE: 1/4"=1'-0"

1ST FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"

TRUSS NOTES

UNLESS OTHERWISE NOTED ON PLANS: ALL TRUSS STRAPS TO WOOD TO BE SIMPSON H2.5A. WHEN INSTALLED ON EXTERIOR WALLS SHALL BE CONNECTED THROUGH EXTERIOR SHEATHING. (2) H2.5A TO BE USED TO MULTI-PLY TRUSS, (1) EACH SIDE w/8d NAILS MIN. SIMPSON H2.5A MAY BE USED ON JACK TRUSSES ON THE EXTERIOR OF THE WALL w/8d MIN.

ILO TYP METAL TRUSS CONNECTORS, FRAME SCREWS MAY BE USED AT CONTRACTOR OPTION PER THE FOLLOWING: A) TRUSS TO TOP PLATE TO BE (2) SIMPSON SDWC15600 B) MULTI-PLY TRUSS REQUIRE (2) SDWC15600 AT EA. PLY C) (1) SDWC15600 SCREW FROM TOP PLATES TO JACK TRUSSES

DISCLAIMER

FOR PLANS FIELDSTONE AE IS NOT CONTRACTED TO PERFORM TRUSS REVIEW ON , THE CONTRACTOR IS RESPONSIBLE TO ASSURE THE DIRECT COMPLIANCE OF TRUSS MANUFACTURER LAYOUT TO THESE DRAWINGS & VERIFY ALL TRUSS CONNECTORS ARE SUFFICIENT TO WITHSTAND THE UPLIFT/LATERAL LOADS IMPOSED.

IF ANY TRUSS CONNECTOR SHOWN IN THESE DRAWINGS CAPACITY HAD BEEN EXCEEDED, THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY.

Pulte Group*

RAMING

Home for * Market Home *, 8359-TBD-8359-00301, Willow Springs, NC 27592 1ST FLOOR - STRUCTURAL - FR

9-00301

RODUCT MANAGER DATE: XX/XX/XXX

Single Family

■RICHARD BAXTER, PE P.E.# 055861 NORTH CAROLINA

P.E.# 043711 NORTH CAROLINA

□IAN MCCULLOUGH, PE

08/15/2025

PLAN NAME Hampton HILD NUMBER

∕— @ OPT. WOOD W01 LAT2 w/ 3" EDGE | NAILING BURNING FIREPLACE 1J/2K 3050 SH 3J 3050 SH 2K/1J 2x10 CONT. 1J/2K 3050 SH 2K/1J 2x10 CONT. WO4/LAT2 1J/2K LAT2 w/ 6" EDGE NAILING W01 LAT2 w/ 6" EDGE NAILING LSTA15 FROM KING TO RIMBOARD (2) HTS16 w/ (32) 10d NAILS TO (4) 2x4 SP BUILT UP COLUMN. MSTC40 w/ (32) 16d SINKERS FROM COLUMN TO (4) 2x4 SP BUILT UP COLUMN BELOW. HTT4 w/ (18) 10dx1-1/2" NAILS & 5/8" ATR DRILLED & EPOXIED & 8" EMBEDMENT TO SLAB 2x6 SP 3050 SH GIRDER TRUSS PER MANUF. 2030 SH 2x6 W04/LAT2 WO4/LAT2 WO4/LAT2 W01 LAT2 w/ 3" EDGE NAILING W01 LAT2 w/ 6" EDGE NAILING W01 LAT2 w/ 6" EDGE NAILING ROOF TRUSSES PER MANUF. ROOF TRUSSES PER MANUF.

2ND FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"

TRUSS NOTES

UNLESS OTHERWISE NOTED ON PLANS:

ALL TRUSS STRAPS TO WOOD TO BE SIMPSON H2.5A. WHEN INSTALLED ON EXTERIOR WALLS SHALL BE CONNECTED THROUGH EXTERIOR SHEATHING. (2) H2.5A TO BE USED TO MULTI-PLY TRUSS, (1) EACH SIDE w/8d NAILS MIN. SIMPSON H2.5A MAY BE USED ON JACK TRUSSES ON THE EXTERIOR OF THE WALL w/8d MIN.

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DISCLAIMER

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IF ANY TRUSS CONNECTOR SHOWN IN THESE DRAWINGS CAPACITY HAD BEEN EXCEEDED, THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY.

Southea 2475 Northwind Alpharetta, GA 3

Pulte Group*

9-00301 Home for * Market Home *, 8359-TBD-8359-00301, Willow Springs, NC 27592
ZND FLOOR FRAMING PLAN -

RODUCT MANAGER DATE: XX/XX/XXX

Single Family

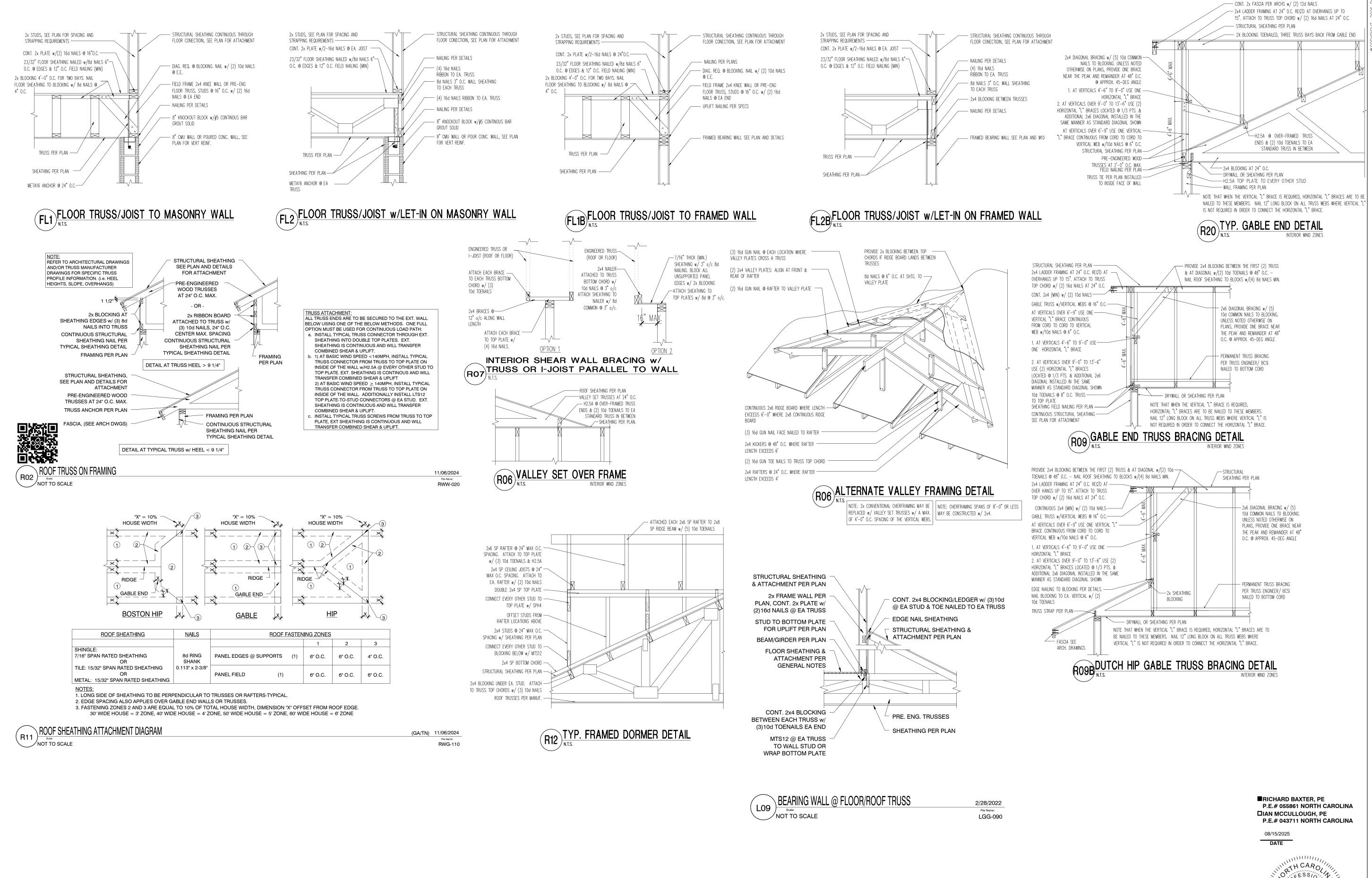
■RICHARD BAXTER, PE P.E.# 055861 NORTH CAROLINA

P.E.# 043711 NORTH CAROLINA

□IAN MCCULLOUGH, PE

08/15/2025

Hampton
PLAN NAME
Hampton
NPC CHILD NUMBER
2024.200



PulteGroup*

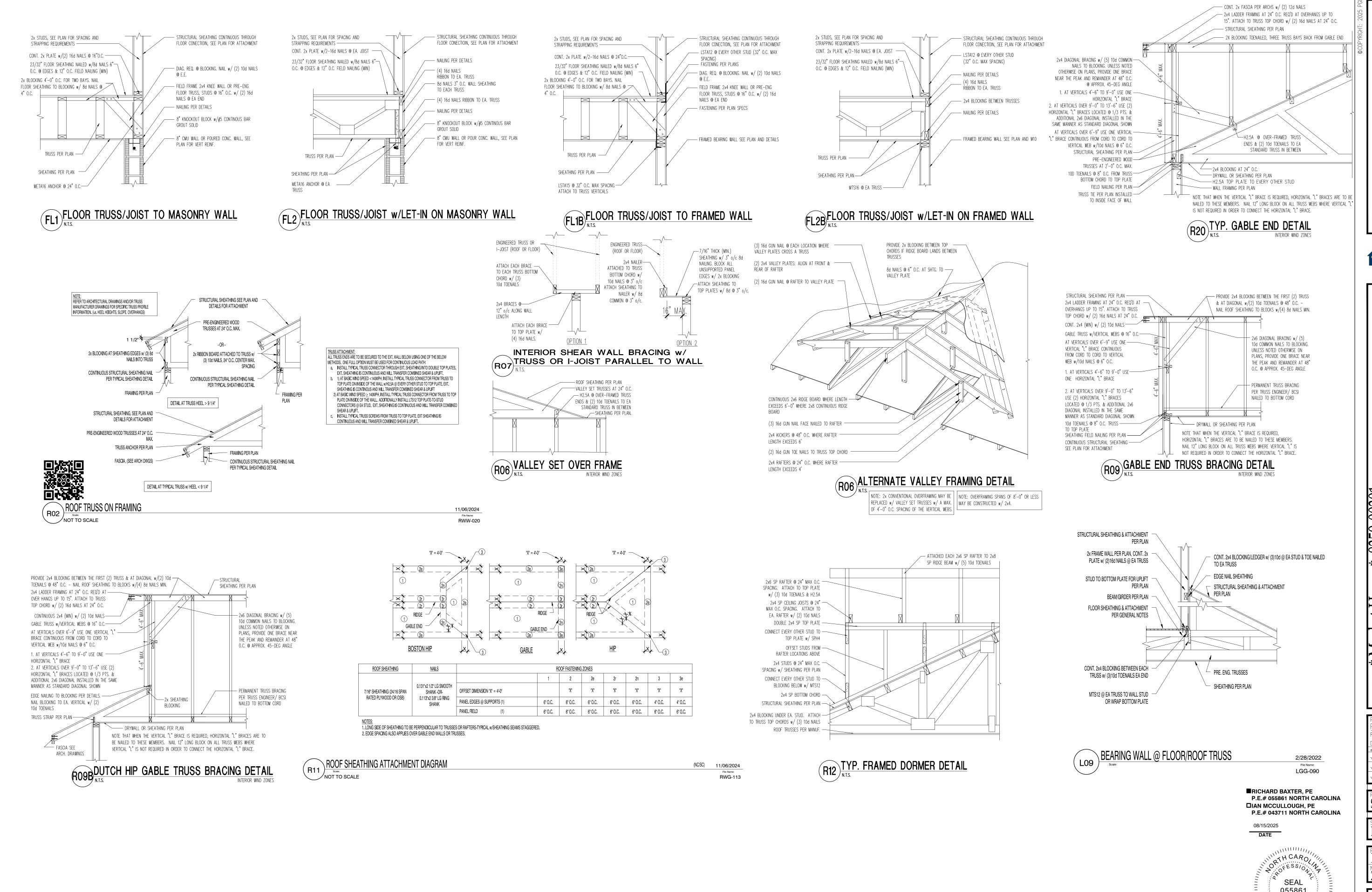
9-0030 835 Home for * Market Home *, TBD-8359-00301, Willow Springs, NC 27 - INT DETAILS GA/TN

ODUCT MANAGER REV# DATE/DESCRIPTION

xx/xx/xxx

Single Family

|Hamptor



PulteGroup* 9-00307

835 Home for * Market Home *, TBD-8359-00301, Willow Springs, NC 2; - INT DETAILS NC/SC

ODUCT MANAGER xx/xx/xxx REV# DATE/DESCRIPTION

Single Family

Hamptor

1ST FLOOR ELECTRICAL PLAN

SCALE ########### (NOTE: SCALE 1/8"=1'-0" ON 11X17 PAPER)

ELECTRICAL SYMBOLS

CONVENIENCE OUTLET - SET 12" A.F.F. (42" A.F.F. ABOVE CABINET)

CONVENIENCE OUTLET - GFI

STANDARD 110 OUTLET - GROUND FAULT (USB OPT.) INTERRUPTER

APPLIANCE OUTLET - 220

DATA DATA OUTLETS

3-WAY SWITCH/ OPT. MOTION SENSE

4-WAY SWITCH/ OPT. MOTION SENSE DISPOSAL SWITCH - SET 45" A.F.F. PDB PB DOORBELL - PUSH BUTTON @ 32" A.F.F. Pulte Group*

9-00301

*, 8359 2.27592 AL PL,

Home for * Market Home *, TBD-8359-00301, Willow Springs, NC 27 FIRST FLOOR ELECTRICA

PRODUCT MANAGER

)ATE: XX/XX/XXXX

ELEASE

REV# DATE/DESCRIPTION

Single Family

Hampton

LIGHT FIXTURE - WALL MOUNT

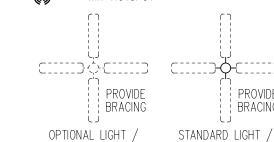
RECESSED EYEBALL LIGHT FIXTURE

FLUORESCENT LIGHT FIXTURE

SMOKE DETECTOR

ELECTRIC PANEL

Wifi-HOTSPOT



OPTIONAL CEILING FAN OPTIONAL CEILING FAN

ELECTRICAL GENERAL NOTES

UNLESS SHOWN ON THE W.O. OR THE SUBDIVISION STANDARD ADD ON TO THE BASE HOUSE.

ALL ITEMS LABELED OPT. ARE OPTIONAL. DO NOT WIRE

SWITCH, AND ONE RECEPTACLE ONLY. IF W.O. SHOWS A FINISHED BONUS ROOM WIRE CEILING

IN A LIMITED WALL SPACE SCENARIO, WHERE MULTIPLE SWITCHES ARE INDICATED AT THE SAME LOCATION, WIRE FAN AND LIGHT SWITCHES TOGETHER IN A SEPARATE BOX AND INSTALL ABOVE AT THIS SAME LOCATION

SHOWN OFF-CENTER IN SPACES. INSTALL RECESSED CAN LIGHTS IN APPROPRIATE LOCATIONS IF RECESSED OPTION IS CHOSEN.

TCG-4 BULB COUNT	
ROOM	BULBS
POWDER	2
SEC. BATHS (VANITY 36" OR LESS)	3
SEC. BATHS (VANITY GREATER THAN 36")	4
OWNER'S BATH	4

CONVENIENCE OUTLET - 1/2 SWITCHED 12"

WP-GFI CONVENIENCE OUTLET- WATER PROOF- GFI

ψ(USB OPT.) STANDARD AFCI 110 OUTLET - (TAMPER RESISTANT)/ OPT. AFCI 110 OUTLET W/USB PORTS

OPT. G.F.I OUTLET W/ USB PORTS

GARAGE DOOR OPENER

FLOOR OUTLET ◆ PH PHONE OUTLETS

♥^{TV} TV/DATA OUTLETS

\$ $3 $4 SWITCH, 3-WAY, 4-WAY- SET 45" A.F.F.

SOPT. SWITCH/ OPT. MOTION SENSE

LIGHT FIXTURE — CEILING MOUNT

RECESSED LIGHT FIXTURE/LED DOWN LIGHT OPTIONAL RECESSED LIGHT FIXTURE/LED DOWN

EXTERIOR FLOOD LIGHT

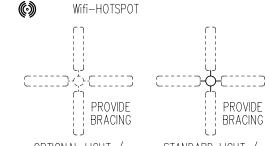
□ UNDERCOUNTER FLUORESCENT LIGHT FIXTURE DOORBELL CHIMES

CARBON MONOXIDE/SMOKE DETECTOR COMBO

THERMOSTAT

EXHAUST FAN

SWP-SERVICE WIRELESS PANEL



ALL INSTALLATIONS SHALL MEET THE REQUIREMENTS OF THE LOCAL MUNICIPALITIES ADOPTED CODES.

SWITCHES TO BE 45" AFF

RECEPTS. TO BE 12" AFF - 42" AFF IF OVER A COUNTER TOP.

UNFINISHED BONUS ROOMS - WIRE ONE KEYLESS, ONE

FAN WITH 14/3 AND 1 SWITCH, 1 TELEPHONE, 1 TV PREWIRE, AND RECEPTS. AS SHOWN ON PLAN.

HOUSE MUST BE WIRED TO PLAN. ANY VARIATIONS TO BE DOCUMENTED IN WRITING AND SIGNED BY THE SITE SUPER.

OPTIONAL RECESSED LIGHTS MAYBE SHOWN OFF-CENTERED IN SPACES. INSTALL IN APPROPRIATE LOCATION IF RECESSED OPTION CHOSEN.

FOR CLARITY, OPTIONAL RECESSED CAN LIGHTS MAY BE

TCG-4 BULB COUNT	
ROOM	BULBS
POWDER	2
SEC. BATHS (VANITY 36" OR LESS)	3
SEC. BATHS (VANITY GREATER THAN 36")	4
OWNER'S BATH	4

CONVENIENCE OUTLET - SET 12" A.F.F. (42" A.F.F. ABOVE CABINET) CONVENIENCE OUTLET - 1/2 SWITCHED 12"

CONVENIENCE OUTLET - GFI

WP-GFI CONVENIENCE OUTLET- WATER PROOF- GFI WSB OPT.) STANDARD AFCI 110 OUTLET - (TAMPER RESISTANT)/

OPT. AFCI 110 OUTLET W/USB PORTS

STANDARD 110 OUTLET - GROUND FAULT (USB OPT.)INTERRUPTER OPT. G.F.I OUTLET W/ USB PORTS

APPLIANCE OUTLET - 220 GARAGE DOOR OPENER

FLOOR OUTLET ♥ PH PHONE OUTLETS

♥^{TV} TV/DATA OUTLETS $oldsymbol{\Phi}$ Data outlets

\$ $3 $4 SWITCH, 3-WAY, 4-WAY- SET 45" A.F.F.

SOPT. SWITCH/ OPT. MOTION SENSE

3-WAY SWITCH/ OPT. MOTION SENSE 4-WAY SWITCH/ OPT. MOTION SENSE DISPOSAL SWITCH - SET 45" A.F.F.

PDB PB DOORBELL - PUSH BUTTON @ 32" A.F.F. LIGHT FIXTURE — CEILING MOUNT

LIGHT FIXTURE — WALL MOUNT RECESSED LIGHT FIXTURE/LED DOWN LIGHT

OPTIONAL RECESSED LIGHT FIXTURE/LED DOWN RECESSED EYEBALL LIGHT FIXTURE

EXTERIOR FLOOD LIGHT

FLUORESCENT LIGHT FIXTURE □ UNDERCOUNTER FLUORESCENT LIGHT FIXTURE

DOORBELL CHIMES

CARBON MONOXIDE/SMOKE DETECTOR COMBO

THERMOSTAT ELECTRIC PANEL

> EXHAUST FAN SWP-SERVICE WIRELESS PANEL

Wifi-HOTSPOT

PROVIDE BRACING OPTIONAL LIGHT / STANDARD LIGHT /

OPTIONAL CEILING FAN OPTIONAL CEILING FAN

BRACING

ALL INSTALLATIONS SHALL MEET THE REQUIREMENTS OF THE LOCAL MUNICIPALITIES ADOPTED CODES.

SWITCHES TO BE 45" AFF

RECEPTS. TO BE 12" AFF - 42" AFF IF OVER A COUNTER TOP.

ALL ITEMS LABELED OPT. ARE OPTIONAL. DO NOT WIRE UNLESS SHOWN ON THE W.O. OR THE SUBDIVISION STANDARD ADD ON TO THE BASE HOUSE.

UNFINISHED BONUS ROOMS - WIRE ONE KEYLESS, ONE SWITCH, AND ONE RECEPTACLE ONLY. IF W.O. SHOWS A FINISHED BONUS ROOM WIRE CEILING

PREWIRE, AND RECEPTS. AS SHOWN ON PLAN. HOUSE MUST BE WIRED TO PLAN. ANY VARIATIONS TO BE DOCUMENTED IN WRITING AND SIGNED BY THE SITE

FAN WITH 14/3 AND 1 SWITCH, 1 TELEPHONE, 1 TV

OPTIONAL RECESSED LIGHTS MAYBE SHOWN OFF-CENTERED IN SPACES. INSTALL IN APPROPRIATE LOCATION IF RECESSED OPTION CHOSEN.

IN A LIMITED WALL SPACE SCENARIO, WHERE MULTIPLE SWITCHES ARE INDICATED AT THE SAME LOCATION, WIRE FAN AND LIGHT SWITCHES TOGETHER IN A SEPARATE BOX AND INSTALL ABOVE AT THIS SAME LOCATION

FOR CLARITY, OPTIONAL RECESSED CAN LIGHTS MAY BE SHOWN OFF-CENTER IN SPACES. INSTALL RECESSED CAN LIGHTS IN APPROPRIATE LOCATIONS IF RECESSED OPTION IS CHOSEN.

ROOM	BULBS
POWDER	2
SEC. BATHS (VANITY 36" OR LESS)	3
SEC. BATHS (VANITY GREATER THAN 36")	4
OWNER'S BATH	4

Pulte Group*

9-00301 Home for * Market Home *, 8359.
TBD-8359-00301, Willow Springs, NC 27592
SECOND FLOOR ELECTRICAL PLAN

PRODUCT MANAGER

)ATE: XX/XX/XXXX REV# DATE/DESCRIPTION

Single Family

Hampton

SCALE 1/4" = 1'-0" (NOTE: SCALE 1/8"=1'-0" ON 11X17 PAPER)