TrueHomes

IT'S ALL ABOUT U

GENERAL NOTES

HEADER SCHEDULE

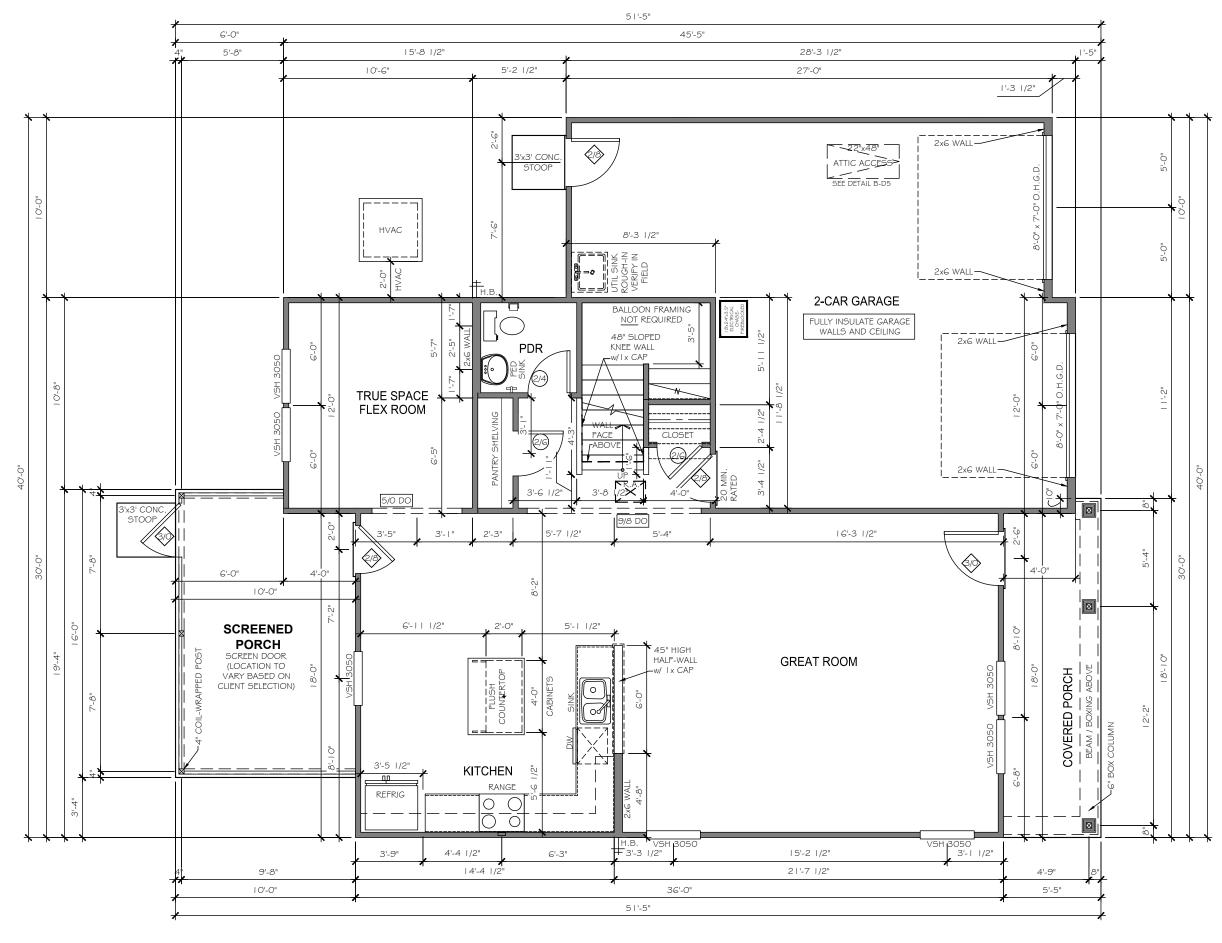
THE 'HUD

NORRIS FA

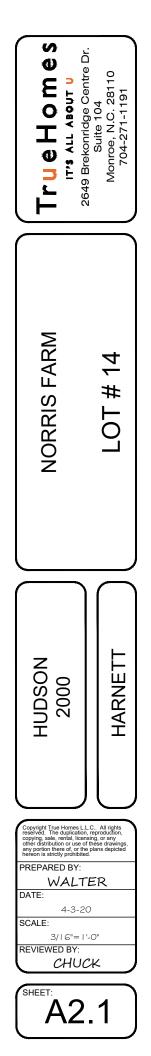
ALL INTERIOR BEARING AND EXTERIOR WALLS I. SPANS UP TO 3'-6" (2) 2x8'5		ET THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE, AS AITTED IN SOUTH CAROLINA DESIGNED TO MEET 2018 INTERNATIONAL			
2. SPANS 3'-6" TO 6'-6" (2) 2x10'5 3. SPANS 6'-6" OR MORE SEE PLAN	RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF SC BUILDING CODES FOR EACH APPLICABLE JURISDICTION. 2. DO NOT SCALE DIMENSIONS FROM PRINTS, USE DIMENSIONS	LOT # 14		INTEG	
** SOUTH CAROLINA SPECIFIC NOTE ** ALL OPENINGS IN THERMAL ENVELOPE MUST HAVE INSULATED HEADER PER CODE EXTERIOR HINGED	FURTHER CLARIFICATION. 3. ALL DIMENSIONS ARE FROM WALL FRAMING (FACE OF STUD), 4. PROVIDE 2 STUDS BETWEEN ALL WINDOWS.(TYP) 5. ACCESS DOORS BETWEEN HOUSE AND GARAGE AREAS TO BE	NO FINISHED DIMENSIONS ARE GIVEN U.N.O.	206 NORRIS F	ARM DR.	HELP HOT
DOOR SCHEDULE	WALLS 24" O.C. (U.N.O.) 7. ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO TH	E WEATHER OR BEARING DIRECTLY ON MASONRY OR CONCRETE SHALL BE GROUND-CONTACT APPROVED. ALL WOOD EXPOSED DIRECTLY	ANGIER, NO	27501	(To be filled in by Bu
PLAN R.O. &FT 9FT 1 OFT I.D. WIDTH CEILING CEILING CEILING 3/0 3'-2 1/2"	TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCC 8. ALL ANGLED WALLS ARE AT 45 DEGREES UNLESS NOTED OTHE 9. REFER TO QUALITY STANDARDS AND/OR MANUFACTURER SPEC	CURRENCE OF ROT. RWISE.	COMMUNITY	/ SPECS	NAME:
2/8 2'-10 1/2" "Z/1" "Z/2" "Z/1" "Z/2" "Z/1" "Z/2" "Z	 WINDOW HEADER HEIGHTS (U.N.O.). IO. PROVIDE BLOCKING ABOVE WINDOWS AND DOORS 16" O.C. II. PROVIDE EXTRA STUDS AS INDICATED AT BEAM BEARING LOC I2. WALLS TO BE FRAMED WITH STUDS AT 16" O.C. AT KITCHEN MANUF.). I3. ALL COMMON CEILING BETWEEN GARAGE TO HOUSE PROVIDE 	WALLS WITH CABINETS AND AT TUB/SHOWER LOCATIONS (PER	- MONO SLAB FOUNDATION - VINYL SIDING / VINYL SOFFIT - 2 CAR GARAGE STANDARD		
SLIDING PATIO DOORS 5/0 60-1/8" 2/1 2/1 6/0 72-1/8"	USED FOR SEPARATION REQUIRE NOT LESS THAN & GYP OR E 14. SEPARATE GARAGE FROM ATTIC WITH 5/8" TYPE X GWB SCUT 15. HEEL HEIGHTS: SEE ELEVATIONS SHEETS FOR TOP OF FASCIA 16. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS	ILE MINIMUM AND 2X SCUTTLE FRAMING MATERIAL.			Missing or Conflicting Plan Legibility Missing Options Mon-Fri: 8am - 5pm CHARLOTTE MKT5: 704
	 STAIR TREAD DESIGN TO BE VERIFIED WITH SELECTIONS AND PROVIDE 1 ½" FLAT WALL FRAMING FOR ALL HVAC CHASES UNOTES PER LOCAL CODES. 	PO'5. NLESS NOTED OTHERWISE. SEE FRAMING SHEET GN FOR ADDITIONAL			ALL OTHER MKTS: 704-9 E-mail: CADISSUE@trueho ESTIMATI
DOOR SCHEDULE	 FOR TRADITIONS, ELEMENTS, INTEGRITY, AND TRIBUTE SERIES CENTERED IN THE WALL UNLESS NOTED OTHERWISE. DESIGNE CENTERED IN THE WALL UNLESS NOTED OTHERWISE. 		SQUARE FC	OTAGE	Missing Material or S
DOOR WIDTHDOOR HEIGHT R.O.PLANR.O.8FT9FT10FT	20. ALL HOMES TREATED WITH BORA-CARE TERMITE TREATMENT. 21. SMURF DOORS ARE 21 1/2" × 39" NOMINAL (R.O. 22 1/2" × 4		FIRST FLOOR	941 SQ.FT.	Purchase Order Que
I.D. WIDTH CEILING CEILING CEILING	22. SHEATH WALLS AND CEILINGS w/ OSB PER SPECS. IN FURN. R	OOM LOCATIONS	SECOND FLOOR	1128 SQ.FT.	Mon-Fri: 8am - 5pm - ALL MKTS: 704-6810440
1/4 1'-6" ("C") 1/2 1/2 "B'-1"		/ER GRAPHIC DEPICTIONS AND SHOULD BE UTILIZED TO SETTLE ANY	TOTAL LIVABLE	2069 SQ.FT.	WHIT CAL
	DISCREPANCIES - ANY DISCREPANCIES FOUND SHOULD BE FOR	RWARDED TO THE ARCHITECTURAL SERVICES DEPARTMENT FOR	FRONT COVERED PORCH	99 SQ.FT.	NO FESS
2/0 2'-2" H H H 2/4 2'-6" <	25. TYPICAL FOUNDATION AND ENGINEERING CONSTRUCTION DET.	AILS ARE SHOWN IN RESPECTIVE PLANS. TYPICAL DETAILS SHALL E THE SAME OR SIMILAR TO THOSE SPECIALLY DETAILED. THE	2-CAR GARAGE	505 SQ.FT.	
2/4 2'-6" □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	APPLICABLY OF THE DETAIL TO ITS LOCATION ON THE DRAWIN	GS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS	REAR SCREENED-IN PORCH	155 SQ.FT.	BEA SEA
5/4 2/6 2/6 2/8 2/7 2/6 2/8 2/1/2 1/1/2 2/8 2/1/2 1/2 2/8 2/1/2 1/2 1/2 1/2 1/2 1/2 1/2 1		HEET, OR IN PLAN SETS AND GENERAL SPECIFICATIONS, ARE TO MEET			2924
	ALL APPLICABLE STATE AND LOCAL BUILDING CODES. 27. HOUSE CONSTRUCTION IS TYPICAL 2X4 STUDS AT 16" O.C. A	T ALL EXTERIOR WALLS UNLESS OTHERWISE NOTED. WALLS THAT ARE			4/6/2
2/10 3'-0" TANK 3/0 3'-2" NUMU 4/0 4'-2" N	TO BE BALLOON FRAMED OR CONSTRUCTED WITH 2XG STUDS	WILL BE NOTED AS SUCH. ALL BASEMENT FRAMED WALLS TO BE 2X4 EARING WALLS ON TWO-STORY PLANS UNLESS OTHERWISE NOTED.			TENGIN
	28. PLANS ARE GENERATED FROM A COMMON GRAPHIC DATABAS			26'-11"	- Contraction of the second se
5/0 5'-2" \$\vec{a}{2}\$ \$\vec{a}{2}\$ \$\vec{b}{2}\$ \$\vec{b}{2}\$ <th< td=""><td></td><td>TO FLOOR PLANS, DIMENSIONS, MATERIALS, AND SPECIFICATIONS</td><td>OVERALL HT. (FF to Ridge)</td><td></td><td></td></th<>		TO FLOOR PLANS, DIMENSIONS, MATERIALS, AND SPECIFICATIONS	OVERALL HT. (FF to Ridge)		
	WITHOUT NOTICE. THESE DRAWINGS ARE FOR THE PURPOSE	OF CONVEYING AN ARCHITECTURAL CONCEPT ONLY.	PLATE HEIGHT(5)	8' / 8'	- WURTH OF
	RALEIGH	REVISION	N LOG		Non
INTERIOR PASS	DESIGN CRITERIA	I. DATE: DRAWN BY:			
THRU SCHEDULE	I. DESIGN LOADS ARE ALL DEAD LOADS PLUS:A. SLEEPING ROOMS				RESIDE STRUCTUL No. C
FRAMED OPENING DIMENSIONS	B. ALL OTHER FLOORS				
WALL HEIGHT R.O. WIDTH R.O. HEIGHT	C. BALCONIES40 PSF D. ATTIC FLOOR LIVE LOADING WITH THE	2. DATE: DRAWN BY:			THIN ATE OF
8'-1 1/8" PLAN I.D. +2" 82-1/2"	FOLLOWING:				E OF
9'-1 1/8" PLAN I.D. +2" 94-1/2"	I. AREA ACCESSIBLE BY STAIRS40 PSF				
O'- /8" PLAN I.D. +2" 98-1/2"	II. ROOF SLOPES >3:1220 PSF	3. DATE: DRAWN BY:			RESIDENTIAL ST
ROUGH OPENING HEIGHTS ARE FOR DO, CO, & AO OPENINGS. SHIM HEIGHTS AS NEEDED TO MATCH INTERIOR HINGED DOOR CASING	F. WIND LOAD				3410 N. Devideon 5 Charlotte, N.C. 282 Seal For Structural
INTERIOR DOORWAY OPENINGS:	G. SNOW LOAD	4. DATE: DRAWN BY:			- ಸ್ವಾರ್ಣನ್ ಸ್ವಾರ್. ಸ್ವಾರ್ಣನ್ ಸ್ವಾರ್ಣನ್ ಸ್ವಾರ್ಣನ್ ಸ್ವಾರ್ಣನ್
DO = DRYWALL OPENING CO = CASED OPENING	H. SEISMIC ZONEB I. DESIGN IS COMPLIANT WITH 2018 NCRC				-
AO = ARCHED OPENING	ENERGY CODE N I 102.2 PRESCRIPTIVE FOR				UPGRADED E
	CLIMATE ZONE 4A				

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RM				
RITY C		LECTION		
LINES	TAE	BLE OF CONTENTS		
E US A SHOUT"	CS	COVER SHEET		
<u>DER:</u> Jilder on site)	A2. I	FIRST FLOOR PLAN		
	A2.2	SECOND FLOOR PLAN		
	A3.I	FRONT & SIDE ELEVATIONS		
	A3.2	REAR ≰ SIDE ELEVATIONS		
	A4.I	STAIR SECTIONS		
SERVICES:	EI.I	FIRST FLOOR ELECTRICAL PLAN		
g Dimensions	E1.2	SECOND FLOOR ELECTRICAL PLAN		
	SI	FOUNDATION PLAN		
	52.I	FIRST FLOOR FRAMING		
-681-2032 993-1861	53.I	ROOF FRAMING PLAN		
omesusa.com	GN	GENERAL STRUCTURAL NOTES		
ING:	DI	TYP. FOUNDATION DETAILS		
Shortage stions	D3	TYP FLASHING DETAIL		
50015	D4	TYP. PORTAL FRAME DETAIL - PFH		
11 fine	D5	TYP FIREPLACE DETAILS		
	D5.1	TYP STAIR DETAILS		
	D5.2	TYP STAIR DETAILS		
F .	D5.3	TYP STAIR DETAILS		
	DG	TYP SCREEN PORCH DETAILS		
	D9	TYP CORNICE DETAILS		
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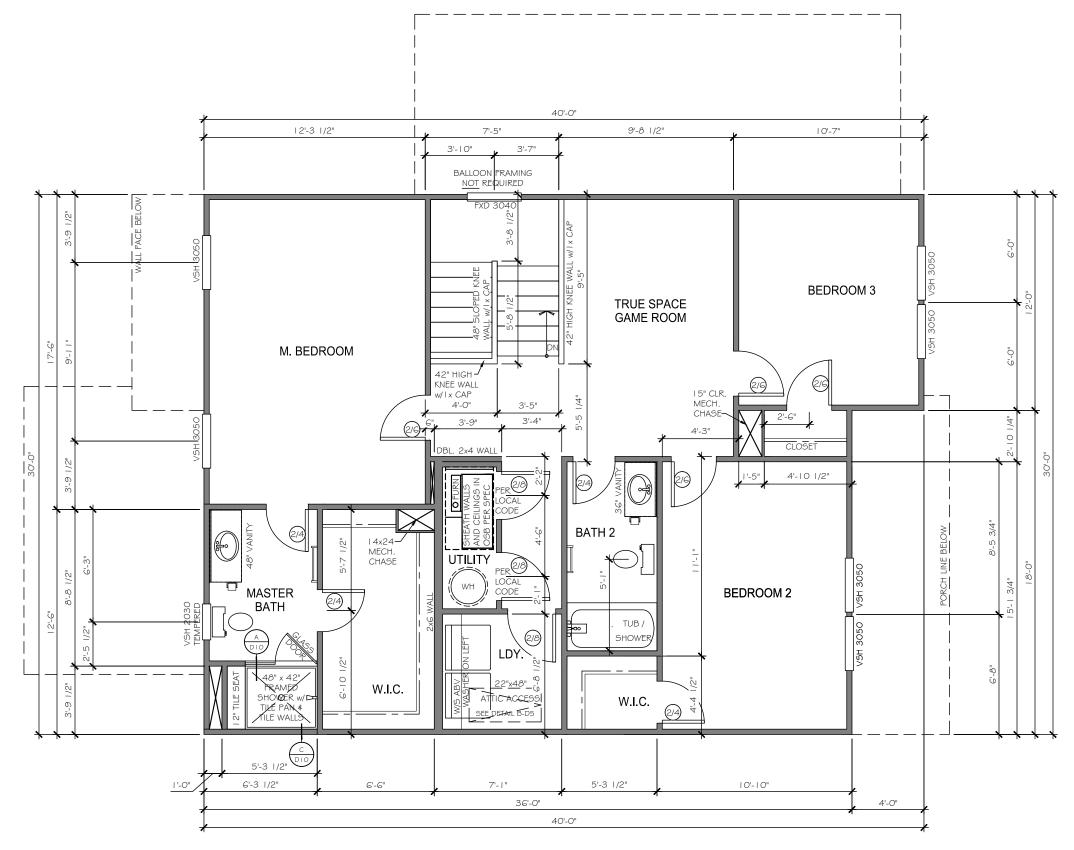
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NORRIS FARM	LOT # 14	
HUDSON 2000	HARNETT	
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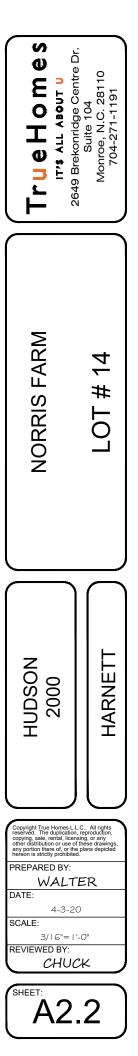


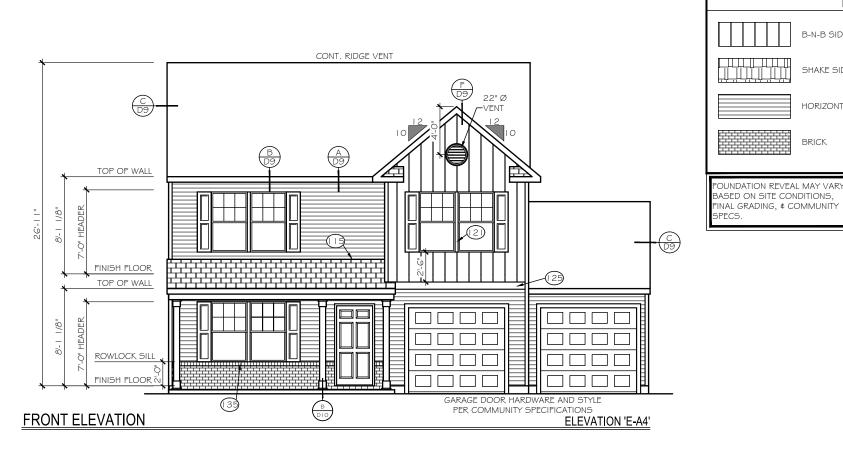
FIRST FLOOR PLAN

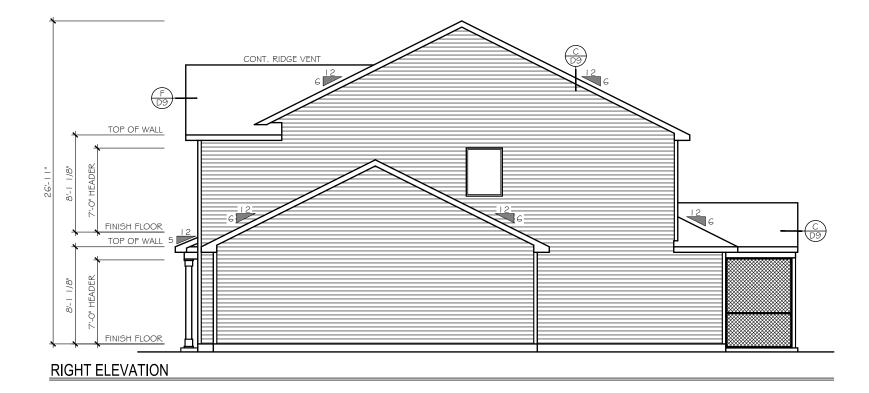


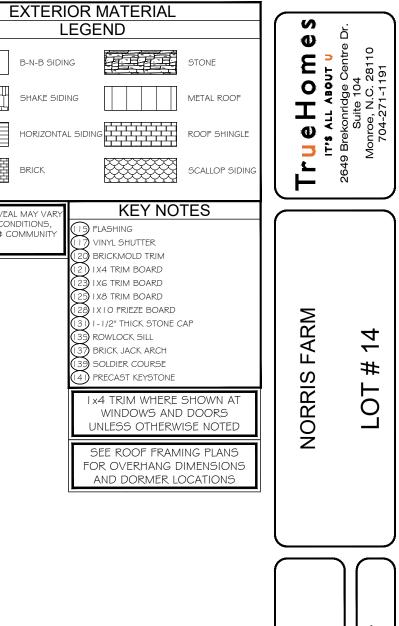
SECOND FLOOR PLAN





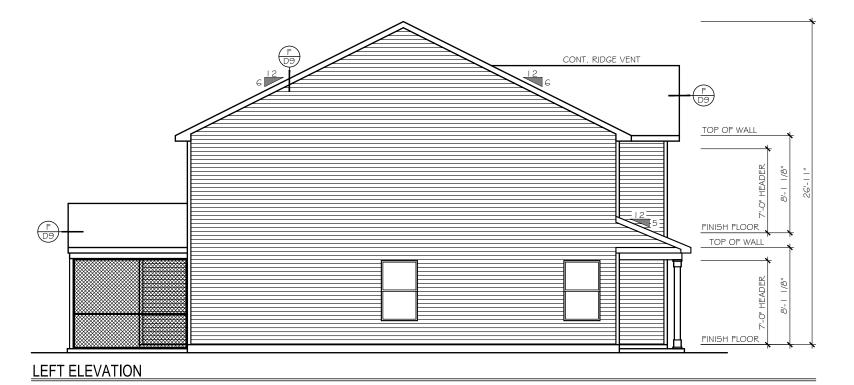


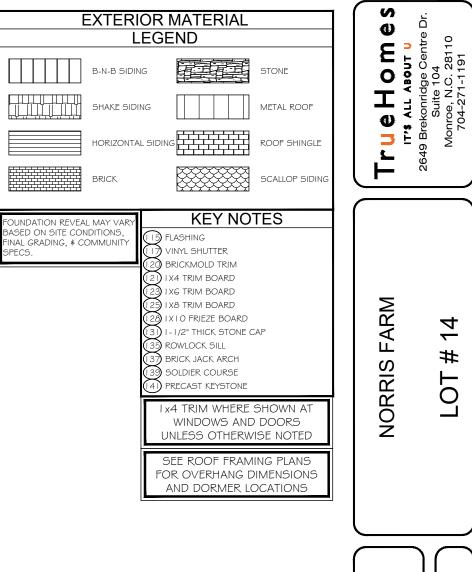




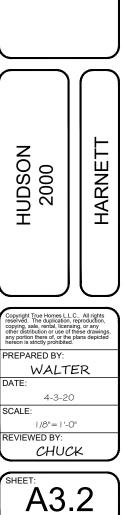
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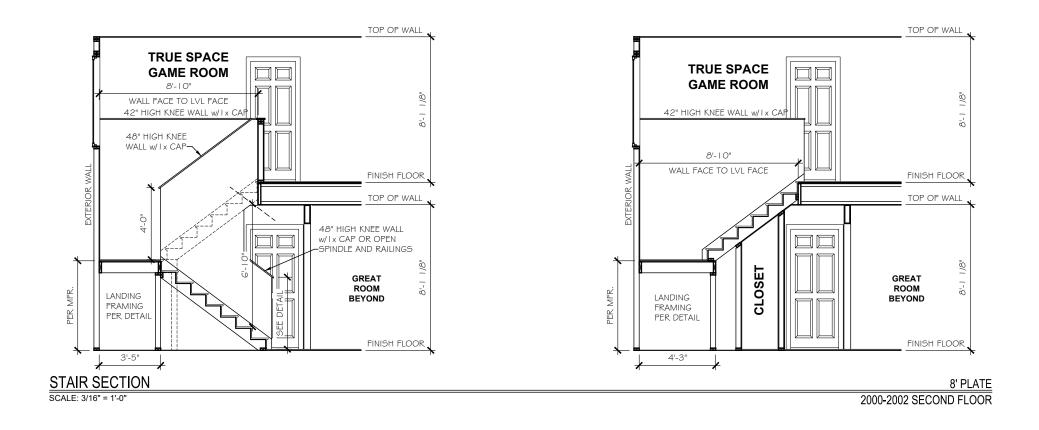
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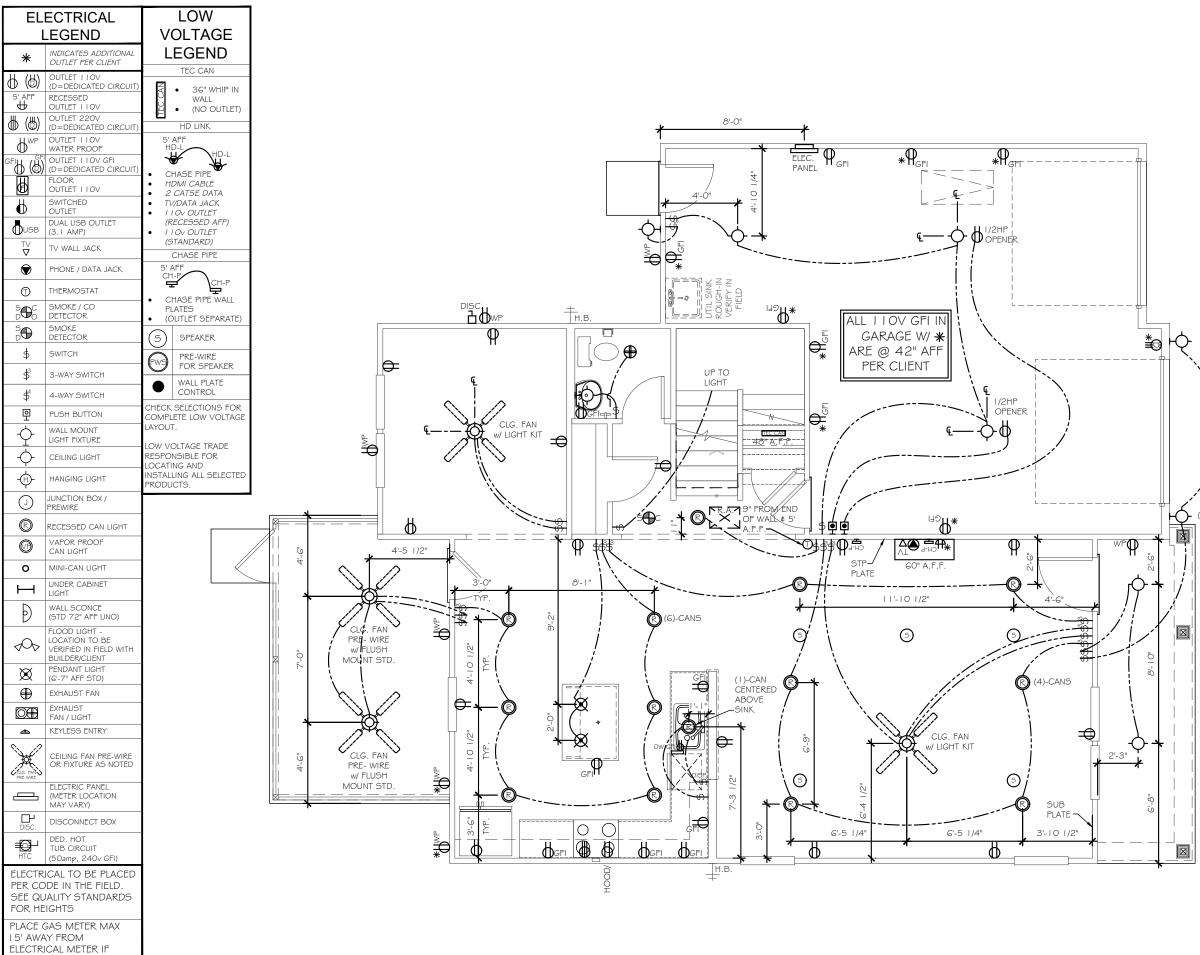
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LOT



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FIRST FLOOR ELECTRICAL PLAN

APPLICABALE

CHECK SELECTIONS FOR CPI LAYOUT. ALL TV, PHONE, CABLE, AUDIO, AND SECURITY SYSTEM OUTLETS WILL BE LOCATED FER CPI LAYOUT, REGARDLESS OF WHETHER TV AND PHONE ARE SHOWN.

ELEC. NOTICE

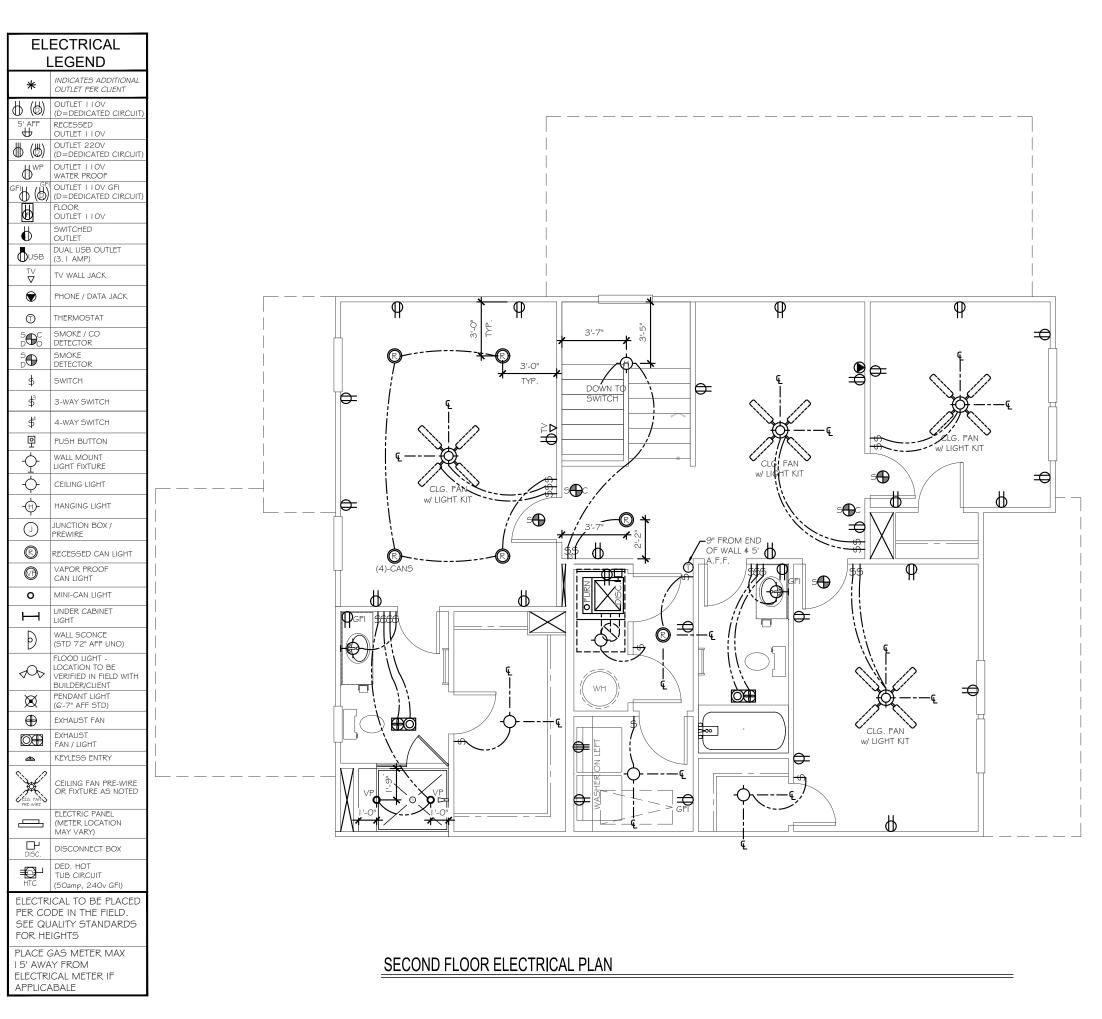
ROOMS WITH WAINSCOT PER SELECTIONS REQUIRE OUTLETS TO BE PLACED 1'-O" FROM CORNER OR CENTERED ON WALL AT STANDARD HEIGHT (U.N.O.).

EXCLUDES HALLWAYS

(2)-COACH LIGHTS

	ELECTRICAL		
Count	Name	Visibility1	
2	Ceiling Fan 1.1	w/ Flush Mount Std.	
6	Ceiling Fan 1.1	w/ Light Kit	
3	Detectors	Smoke Detector	
3	Detectors	Smoke/Carbon Monoxide Detector	
2	Jacks	Thermostat	
2	Jacks	Phone Jack	
2	Jacks	TV Jack	
2	Lights	Exhaust Fan/Light	
1	Lights	Exhaust Fan	
1	Lights	Hanging Light	
2	Lights	Can Light Mini	
20	Lights	Can Light	
6	Lights	Carriage Light	
2	Lights	Pendant Light	
9	Lights	Ceiling Light	
7	Receptacle	WP	
38	Receptacle	110V	
1	Receptacle	220V Dedicated	
18	Receptacle	GFI	
2	Switch	Push Button	
10	Switch	3—Way Switch	
36	Switch	Single Pole Switch	

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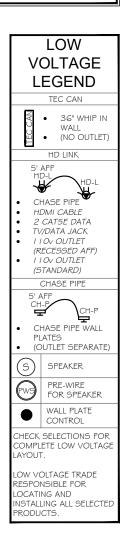


CHECK SELECTIONS FOR CPI LAYOUT. ALL TV, PHONE, CABLE, AUDIO, AND SECURITY SYSTEM OUTLETS WILL BE LOCATED PER CPI LAYOUT, REGARDLESS OF WHETHER TV AND PHONE ARE SHOWN.

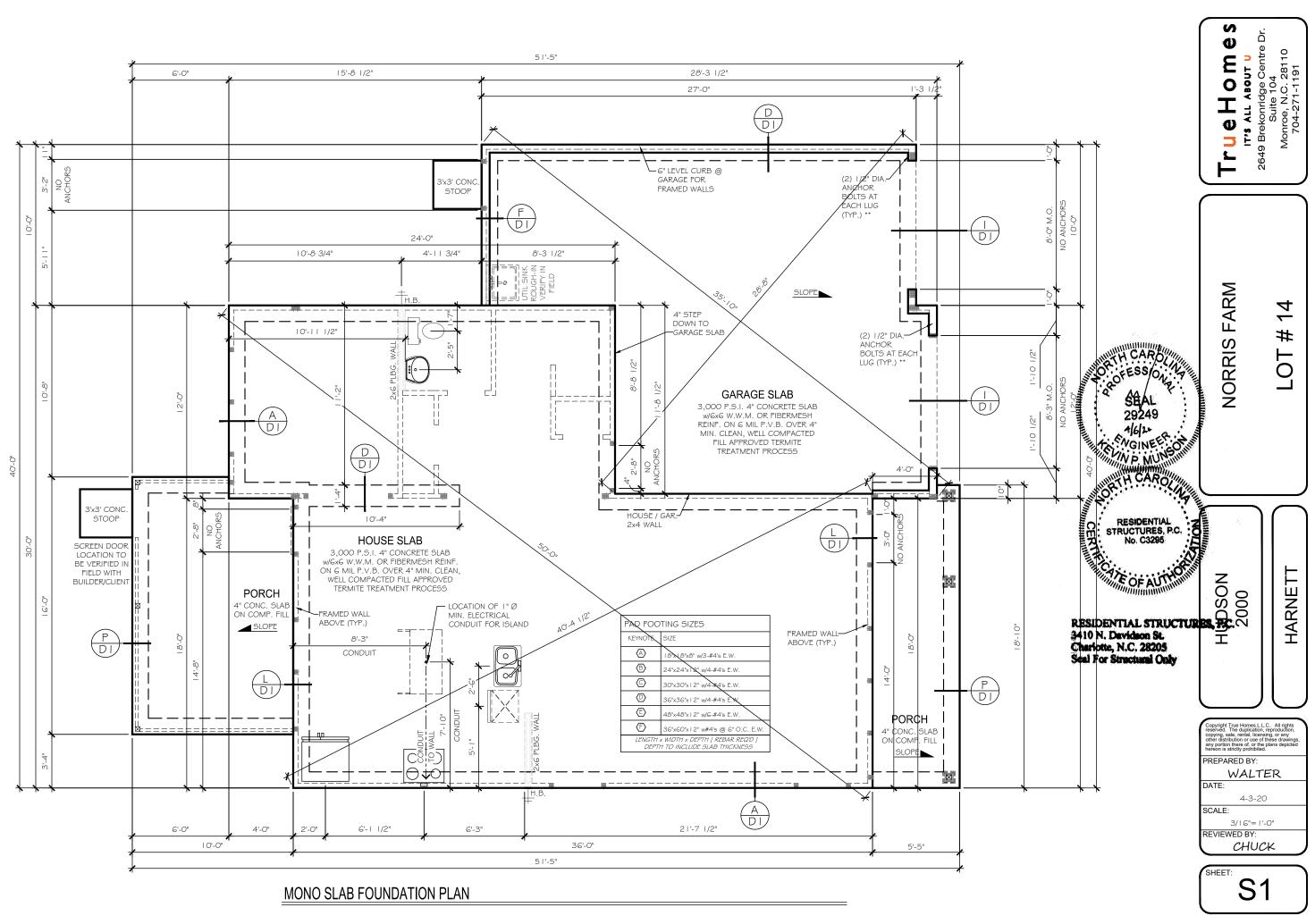
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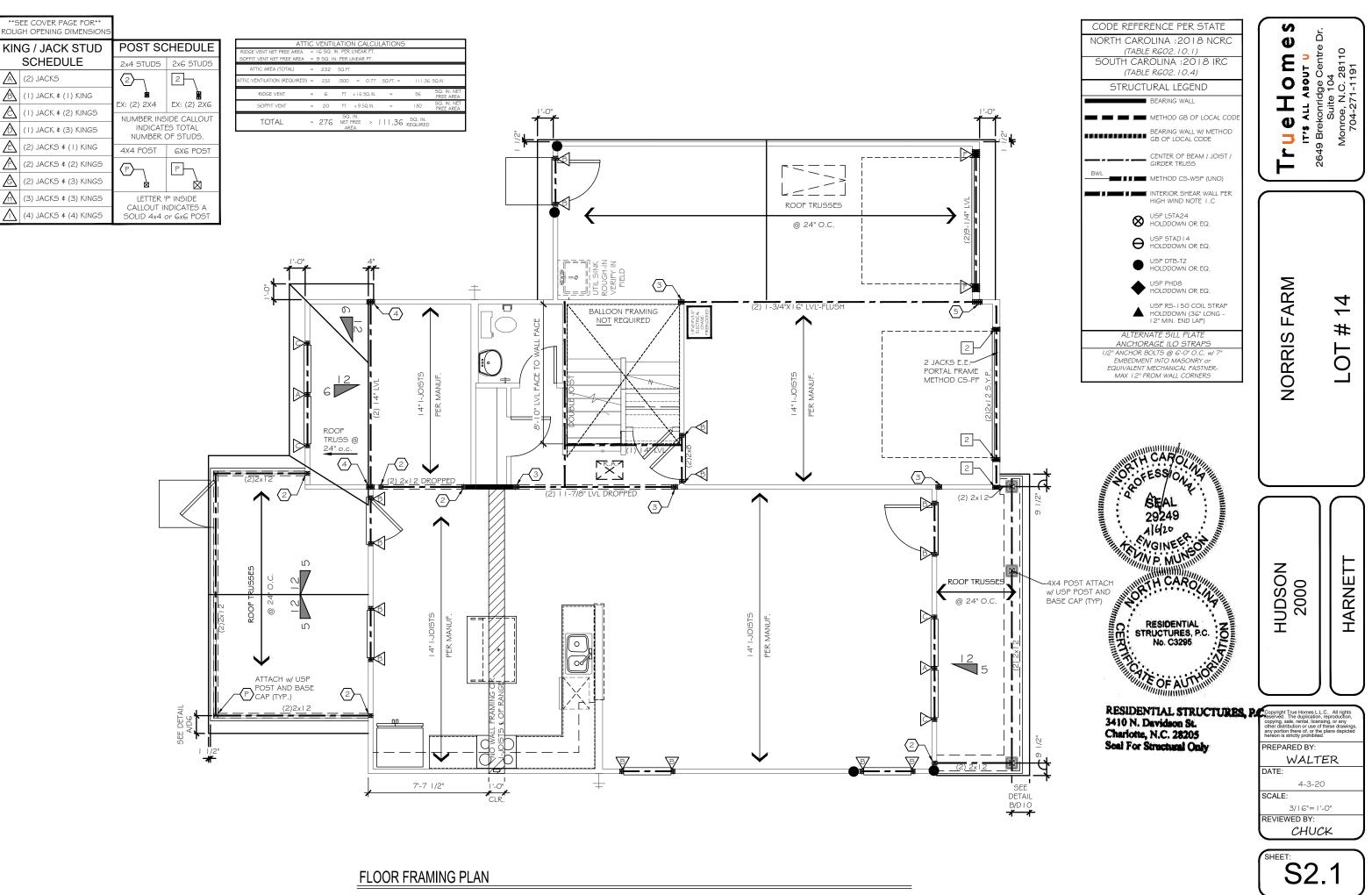
ROOMS WITH WAINSCOT PER SELECTIONS REQUIRE OUTLETS TO BE PLACED 1'-0" FROM CORNER OR CENTERED ON WALL AT STANDARD HEIGHT (U.N.O.).

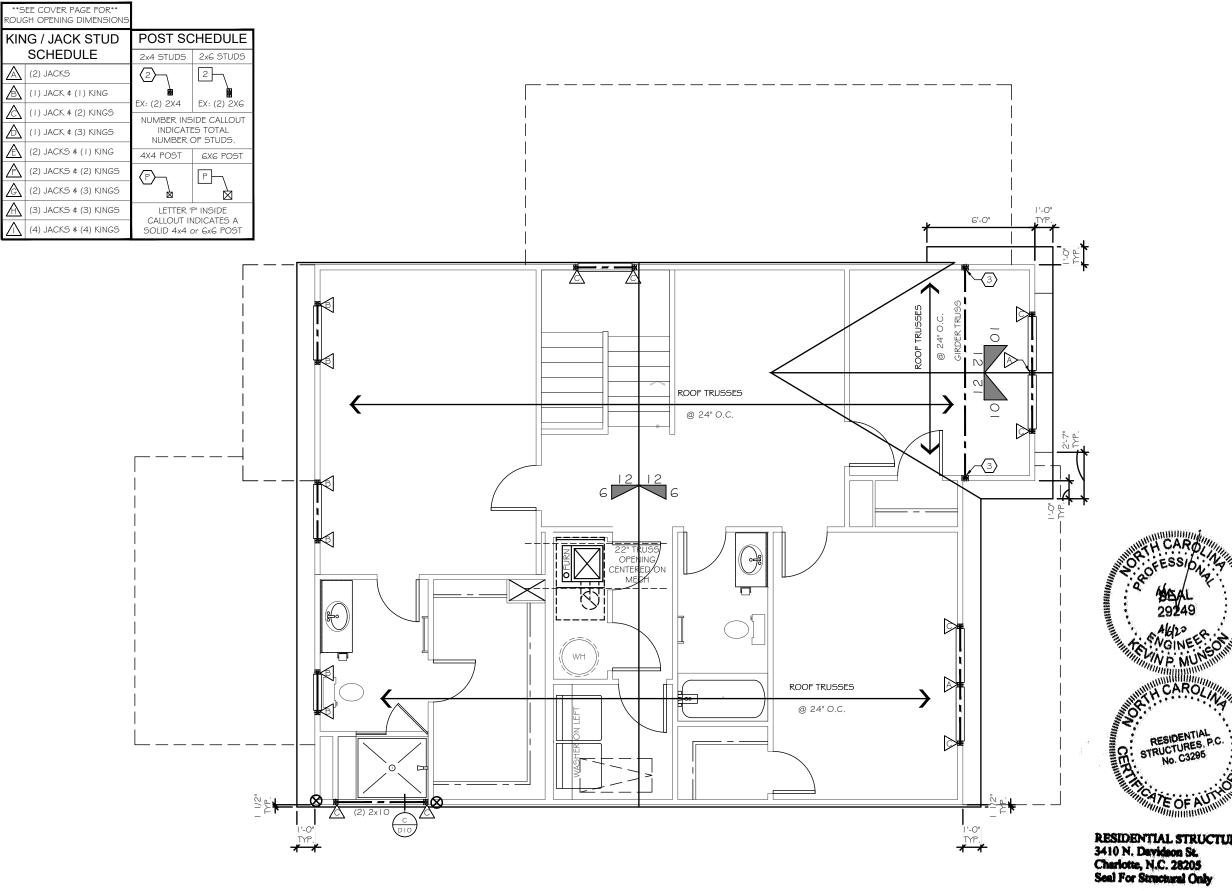
EXCLUDES HALLWAYS



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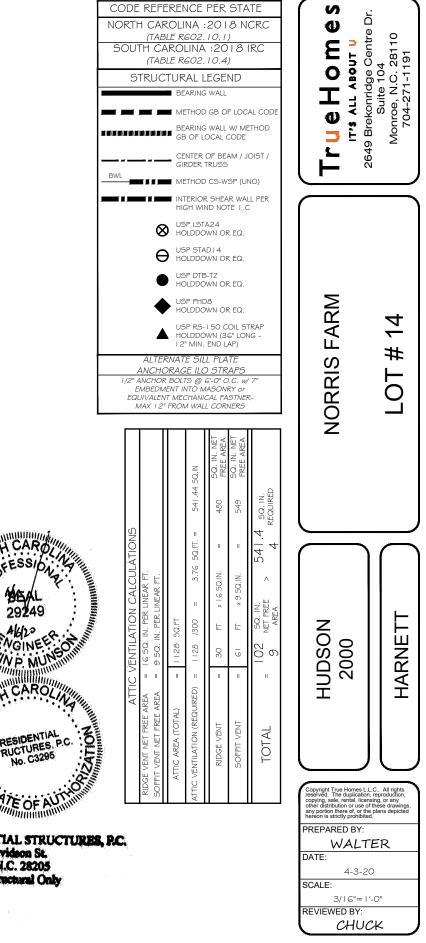






ROOF FRAMING PLAN

RESIDENTIAL STRUCTURES, P.C. 3410 N. Davidson St. Charlotte, N.C. 28205 Seal For Structural Only



SHEET S3.1

RESIDENTIAL FOUNDATIONS: REINFORCING IS TO BE AS NOTED ON PLANS. FOOTINGS ON ORIGINAL SOLL DO NOT NEED REBAR. REBAR IS REQUIRED ON ANY COMPACTED FILL REGARDLESS OF COMPACTION.

- ALL INTERIOR PIERS ARE 8" X 16" CMU UP TO A MAXIMUM HEIGHT OF 32". ALL PIERS OVER 32" HIGH MUST BE FILLED WITH TYPE S MORTAR. MAXIMUM HEIGHT FOR 8" X I 6" FILLED PIER IS 6-8". PIERS LARGER THAN 8" X I 6" ARE NOTED ON PLANS AND MUST BE FILLED WITH TYPE S MORTAR. FOR ONE-STORY STRUCTURES, PIER CAPS ARE TO BE 4" SOLID MASONRY. FOR TWO-STORY STRUCTURES, PIER CAPS ARE TO BE 8" OF SOLID MASONRY.) FOOTINGS FOR 8" X 16" PIERS ARE 24" X 36" X 10" UNLESS NOTED OTHERWISE. REINFORCING IS TO BE AS NOTED ON PLANS
- (i) INTERIOR THICKENED SLAB FOOTINGS WHICH OCCUR IN BASEMENTS AND "SLAB ON GRADE" FLOORS ARE 10" DEEP BY 16" WDE WITH 2-#4 REINFORCING BARS RUNNING CONTINUOUSLY UNLESS NOTED OTHERWISE. THICKENED FOOTINGS ARE REQUIRED UNDER ALL BEARING WALLS. 5) ALL REBARS SPLICES SHALL BE A MINIMUM OF 2"O" UNLESS OTHERWISE NOTED.
 (i) SHALLOW FOUNDATIONS ARE DESIGNED FOR AN ASSUMED SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER OF RECORD IF ANY SOILS ARE FOUND TO BE UNSUITABLE FOR THIS BEARING CAPACITY. THEE CONTRACTOR IS
- RESPONSIBLE FOR OBTAINING SOIL TESTING TO ENSURE THAT THE BEARING CARACITY OF THE SOIL MEETS OR EXCEEDS THIS VALUE. ALL FILL IS TO BE COMPACTED TO 95% DENSITY AS MEASURED BY THE STANDARD PROCTOR TEST (ASTM D-698). ALL SOILS AND FILL UNDER FLOORS AND/OR WITHIN OR UNDER BUILDINGS SHALL HAVE PRECONSTRUCTION SOIL TREATMENT FOR PROTECTION AGAINST TERMITES. CERTIFICATION OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY.
- ALL FOOTING EXCAVATIONS SHALL BE NEAT STRAIGHT AND LEVEL IN THE PROPER ELEVATIONS TO RECEIVE THE CONCRETE EXCESSIVE VARIATIONS IN THE DIMENSIONS OF FOOTINGS OR SLABS WILL NOT BE PERMITTED. REINFORCING STEEL AND MESH SHALL BE ACCURATELY PLACED AND SUPPORTED TO MAINTAIN THEIR POSITION DURING THE CONCRETE POURING. EDGE FORMS SHALL BE USED FOR CONCRETE THAT WILL BE EXPOSED
- ALL SLAB PENETRATIONS ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR. PENETRATIONS INTERFERING WITH REINFORCING SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO THE PLACEMENT OF CONCRETE. O)ELEVATIONS DIFFERENCES BETWEEN THE BOTTOM OF ADJACENT FOOTINGS SHALL BE LESS THAN THEIR HORIZONTAL DISTANCE LESS ONE FOOT. DIFFERENTIAL HEIGHTS BETWEEN FOOTINGS CAN BECOME EXCESSIVE USUALLY WHERE A PIER FOOTING IN A CRAWLSPACE OR
- GARAGE FOOTING IS NEXT TO A BASEMENT WALL FOOTING

- SPECIAL FOUNDATION CONSIDERATIONS: 1) CAISSON FOUNDATIONS SHALL BE A MINIMUM OF 12* DIAMETER DRILLED UNREINFORCED CONCRETE CAISSONS. CAISSONS SHALL EXTEND TO A MINIMUM DEPTH PROVIDING 2' FENETRATIONS INTO GOOD ORIGINAL GROUND. DEPTH OF DRILLING IS LIMITED TO 15'. THEREFORE, N POOR MATERIAL MORE THAN 13' DEEP IS SUITABLE FOR A CAISSON FOUNDATION. A CAISSON CANNOT BE USED IF WATER RISES THEREFORE, NO
- IMMEDIATELY INTO A DRILLED HOLE. PILES WILL HAVE TO BE USED IN SUCH CASES.) TREATED WOOD PILES WITH A MINIMUM DIAMETER OR G" AND A MINIMUM DESIGN LOAD OF SIX TONS ARE USED FOR ALL FOUNDATIONS. WITH A MINIMUM DIAMETER OR G* AND A MINIMUM DESIGN LOAD OF SIX TONS ARE USED FOR ALL FOUNDATIONS WITH UNSUITABLE SOLL DEEPER THAN 13' OR WITH WATER IN DRILLED CAISSON HOLES. DRIVE PER NORTH CAROLINA OR SOUTH CAROLINA CODE.
- 3) SIZES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.
- A CHIMNEY FOOTINGS ARE TO BE 12" LARGER THAN THE CHIMNEY FOOTPINT BY 12" THICK.
 FOUNDATION WALLS BACKFILLED WITH DIRT WHICH SUPPORT STRUCTURAL FRAMING SHALL BE CONSTRUCTED AS FOLLOWS:
 FOR EARTH FILL UP TO A MAXIMUM HEIGHT OF 4". LOS 6" CMU OR 6" BRICK WITH BITUTHENE MEMBRANE WATERPROOFING ON EXTERIOR. FOOTINGS ARE TO BE 8" X 16" OR 8" X 24" AS NOTED ON THE PLAN. B) FOR EARTH FILL 4' TO A MAXIMUM HEIGHT OF 9': USE 8" X 24" FOOTING WITH #4 AT 16" DOWELS HOOKED IN FOOTING AND PROJECTING
- 18° ADOVE FOOTINGS. USE 12° CMU WALLS WITH #4 AT 16° VERTICAL BARS LOCATED 4" RROM NON-DIRT FILL FACE, LAP ALL SPLICES 12" AND USE DUR-O-WALL HORIZONTAL REINFORCING EVERY 8" IN CMU JOINTS. INSTALL 1-#3 L-BAR WITH 24" LEGS IN EVERY OTHER JOINT HORIZONTALLY AT ALL CORNERS; I.E., #3 CORNER BARS AT 16" O.C. VERTICALLY. FILL ALL OPEN CELLS OF CMU WITH EITHER TYPE 5 OR M MORTAR OR FILL WITH 2,500 PSI CONCRETE. INSTALL WATERPROOF BITUTHENE MEMBRANE OR EQUAL.) IN LIEU OF THE PRECEDING DESIGN, BASEMENT WALLS MAY BE CONSTRUCTED IN ACCORDANCE WITH R404.1 OF THE CODE. HOWEVER, 24*
- X 24", #3 CORNER BARS SHALL BE INSTALLED AT 16" O/C VERTICALLY REGARDLESS OF THE WALL HEIGHT. ERECT ALL FRAMING BEFORE BACKFILLING. 7) FOR RETAINING WALLS WITHOUT FRAMING SEE SPECIAL DESIGNS ON DRAWINGS.

- FRAMING CONSTRUCTION OTHER THAN ROOF: 1) SEE TABLE RG02.3(1) OF THE CODE FOR A FASTENER SCHEDULE FOR STRUCTURAL MEMBERS. 2) WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE ALLOWABLE LOAD CAPACITY OF THE HANGER SHALL BE EQUAL TO OR GREATER THAN THE LOAD SPECIFIED ON THE PLAN. WHERE NO LOAD 15. SPECIFIED. THE "LIGHTEST" AVAILABLE HANGER FOR THE APPLICATION IS ACCEPTABLE.
- CRAWL GRDERS AND BAND WITH 4" CURTAIN WALL AND PIER CONSTRUCTION STALL BE 2-2 X 10 SOUTHERN YELLOW PINE #2 UNLESS NOTED OTHERWISE. MAXIMUM CLEAR SPANS ARE TO BE 4-2" (G-0" O/C SPACING OF PIERS). TO AVOID OBJECTIONABLE CRACKING IN FINISHED HARDWOOD FLOORS OVER ANY GIRDERS, USE THE FOLLOWING PROCEDURE:
- A) NAILING
- ALL FLOOR JOISTS MUST BE TOENAILED TO THEIR SUPPORT GIRDERS WITH A MINIMUM OF 3-8D NAILS AT EACH END. LARGER i) ALL FLOOK JUISTS MUST BE TOENAILED TO THEIR SUPPORT GRUDES WITH A MINIMUM OF 3-3D NAILS AT EACH END. LARGER NAILS WILL SPLIT AND RENDER THE TOENAIL INEFFECTIVE. NO END NAILING THROUGH THE GIRDER OR BAND IS PERMITTED.
 ii) IF DROPPED GRUDES ARE USED, END LAP ALL JOISTS AND SIDE NAIL EACH WITH A MINIMUM OF 3-1 GD NAILS AT EACH END OF EACH JOIST. LEDGER STRIPS SHOULD BE SPACED 3" APART AND NAILED WITH 3-1 GD NAILS AT EACH JOIST END.
- III) NAIL MULTIPLE MEMBER BUILT-UP GIRDERS WITH TWO ROWS OF I GD NAILS STAGGERED AT 32" O/C, 2" DOWN FROM THE TOP AND 2" UP FROM THE BOTTOM WITH 3- I GD NAILS AT EACH END OF EACH PIECE IN THE JOIST THROUGH THE MEMBERS MAKING UP THE
- MULTIPLE GIRDER. W) THIS NAILING PATTERN WILL ENSURE A TIGHT FLOOR FROM THE OUTSIDE OF THE HOUSE TO THE OUTSIDE SO THAT WHEN THE
- FRAMING SHRINKS DURING THE FIRST HEATING SEASON, THE SHRINKAGE WILL BE UNIFORMUP DISTRIBUTED OVER THE ENTIRE FLOOR. IF THE GROER NAILING PATTERN IS OMITTED, THEN THE SHRINKAGE WILL ACCUMULATE OVER THE GIRDERS AND AN OBJECTIONABLE CRACK WILL DEVELOP IN THE FINISHED HARDWOOD FLOOR OVER THE GIRDER UNE. B) AT ALL GIRDERS WHERE THE JOISTS CHANGE DIRECTION, INSTALL BRIDGING AT G'O/C FOR A MINIMUM OF SIX JOIST SPACINGS BEYOND
- ANY JOIST DIRECTION CHANGE. THIS WILL INSURE SHRINKAGE DISTRIBUTION OVER THE FLOOR AND NOT LET IT ACCUMULATE AT THE GIRDER. C) THERE MUST BE WOOD BLOCKING THRU BOLTED TO THE STEEL BEAM WITH JOISTS TOENAILED OR ATTACHED TO THE BEAM WITH METAL
- HANGERS UNDER ANY HARDWOOD FLOORS THAT PASS OVER A STEEL BEAM SUPPORTING FLOOR JOIST. THIS CONDITION OFTEN EXISTS OVER BASEMENT AREAS.
- ALL OTHER LUMBER MAY BE SPRUCE #2 UNLESS NOTED OTHERWISE
- "LAM" BEAMS MUST HAVE 3-2X4 STUD JACKS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE MASONRY LINTELS:
- A) FOR SPANS UP TO 6': USE 3 1/2" X 3 1/2" X 1/4" STEEL ANGLES
- B) FOR SPANS FROM 6' TO 10': USE 5" X 3 /2" X 5/16" STEEL ANGLES.
 C) FOR SPANS FROM 9' TO 18': USE A PAIR OF 9-GAUGE WIRES IN EACH OF THE FIRST 3 COURSES OF BRICK ON A 5" X 3 /2" X 5/16"
 STEEL ANGLE. LP ALL 9-GAUGE WIRE SPLICES A MINIMUM OF 12" AND EXTEND WIRES A MINIMUM OF 12" INTO JAMBS, TEMPORARILY SUPPORT THE STEEL ANGLES BEFORE LAYING MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS FOLLOWING THE INSTALLATION OF MASONRY
- D) WHEN STRUCTURAL STEEL BEAMS WITH BOTTOM PLATES ARE USED TO SUPPORT MASONRY. THE BOTTOM PLATE MUST EXTEND THE THE BEAM SHOULD BE TEMPORARILY SHORED PRIOR TO LAYING THE MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS AFTER LAYING
- THE MASONRY 1111 MADJOINST. ALL BRICK VENEER OVER LOWER ROOFS (BRICK CLIMBS) MUST HAVE A STRUCTURAL ANGLE LAG SCREWED TO AN ADJACENT STUD WALL IN
- ACCORDANCE WITH DETAIL, WITH STEEL BRICK STOPS TO PREVENT SLIDING OF BRICK. ALL RAFTER BRACES MUST HAVE TWO STUDS FROM PLATE THROUGH ALL FLOORS TO THE FOUNDATION OR SUPPORTING BEAM BELOW. NO
- BRACES SHALL BE ATTACHED TO TOP WALL PLATE WITHOUT STUDS DIRECTLY UNDER THEM
- METERIALS SPECIFICATIONS:

B) EXPOSED TO WEATHER C) SLABS NOT EXPOSED TO WEATHER D) BEAMS AND COLUMNS

- CONCRETE GENERAL NOTES:) EXCEPT WHERE OTHERWISE NOTED. FOR ALL CONCRETE. THE PROPORTIONS OF CEMENT, AGGREGATE. AND WATER TO ATTAIN REQUIRED PLASTICITY AND COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH ACI 318 CODE. CONCRETE SHALL BE 2,500 PSI IN 28 DAYS FOR PLASTICITY AND COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH ACI 318 CODE. CONCRETE SHALL BE 2,500 PSI IN 28 DAYS FOR POOTINGS AND 2,500 PSI FOR WALLS, BEAMS, AND COLUMNS, UNLESS NOTED OTHERWISE.
- OCCUPIED BY THE CONCRETE. THE PLACING OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH ACI 3 I & AND ASTM C94 REQUIREMENTS PUMPING OF CONCRETE WILL BE PERMITTED ONLY WITH THE ENGINEER OF RECORDS APPROVAL OF PROPOSED CONCRETE MIX AND METHOD OF PUMPING. CONCRETE SHALL BE RAPIDLY HANDLED FROM THE MIXER TO FORMS AND DEPOSITED AS NEARLY AS POSSIBLE TO ITS FINAL POSITION TO AVOID SEGREGATION DUE TO REHANDLING. CONCRETE TO BE SPADED AND WORKED BY HAND AND VIBRATED TO ASSURE CLOSE CONTACT WITH ALL SURFACES OF FORMS AND REINFORCING STEEL AND LEVELED OFF AT PROPER GRADE TO RECEIVE FINISH. AL CONCRETE SHALL BE PLACED UPON CLEAN, DAMP SURFACES. VIBRATION SHALL BE APPLIED DIRECTLY TO THE CONCRETE AND SHALL BE
- SUFFICIENT TO CAUSE FLOW OF SETTLEMENT BUT NOT LONG ENDUGH TO CAUSE SEGREGATION OF THE MIX. SUFFICIENT TO CAUSE FLOW OF SETTLEMENT BUT NOT LONG ENDUGH TO CAUSE SEGREGATION OF THE MIX. S) CONSTRUCTION JOINTS SHALL BE LOCATED IN ACCORDANCE WITH ACI 301. ALL REINFORCING STEEL SHALL BE CONTINUOUS ACROSS JOINTS. IN SLABS ON GRADE, SAW CONTRACTION JOINTS SHALL NOT BE OVER 20 FEET CENTER TO CENTER EACH WAY. JOINTS SHALL BE SAWN & DEPTH OF ONE-THIRD OF THE SLAB THICKNESS. SAWING OF THE JOINTS SHALL COMMENCE AS SOON AS THE CONCRETE HAS
- HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING. FILL THE SAW CUTS WITH APPROVED JOINT FILLER AFTER THE 4) CONCRETE, WHEN DEPOSITED, SHALL HAVE A TEMPERATURE NOT BELOW 50°F AND NOT ABOVE 90°F. THE METHODS AND RECOMMENDED PRACTICES AS DESCRIBED IN ACI 306 SHALL BE FOLLOWED FOR COLD WEATHER CONCRETING AND ACI 305 FOR HOT WEATHER
- CONCRETING) FRESHLY PLACED CONCRETE SHALL BE PROTECTED FROM PREMATURE DRYING BY ONE OF THE FOLLOWING METHODS:
- A) PONDING OR CONTINUOUS SPRINKLING. B) ABSORPTIVE MAT OR FABRIC KEPT CONTINUOUSLY WET.
- C) WATERPROOF PAPER CONFORMING TO ASTM C | 7
- CHARLEN COUND FAN ER CONTROLLEN CONTROLLEN COMPOUND.
 THE CURING SHALL CONTINUE UNTIL THE CUMULATIVE NUMBER OR DAYS WHEN THE AMBIENT TEMPERATURE ABOVE 50°F HAS TOTALED SEVEN.
 DURING CURING, THE CONCRETE SHALL BE PROTECTED FROM ANY MECHANICAL INJURY, LOAD STRESSES, SHOCK, VIBRATION, OR DAMAGE TO FINISHED SURFACES
- I REINFORCING STEEL BARS SHALL BE DEFORMED IN ACCORDANCE WITH ASTM A305 AND OR A408 AND FORMED OF ASTM AG 15-78 GRADE GO STEEL. V WELDED WIRE FABRIC REINFORCING TO BE ASTM A 185 STEEL WIRE. ACCESSORIES SHALL CONFORM TO THE CRSI "MANUAL RD PRACTICE." THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED OVER REINFORCING BARS: A) EXPOSED TO EARTH .

1.16'

GENERAL NOTES

- MASONRY WALLS ARE TO BE OF THE SIZES AND IN THE LOCATIONS SHOWN ON WITH THE PROVISIONS OF ACI 530.
- HOLLOW LOAD BEARING UNITS: ASTM C90 MADE WITH LIGHTWEIGHT OR NORMAL WEIGHT AGGREGATES. GRADE N-I UNITS SHALL BE PROVIDED FOR EXTERIOR AND FOUNDATION WALLS. GRADE N-I OR S-I UNITS SHALL BE PROVIDED FOR OTHER LOAD-BEARING WALLS OR
- CONCRETE BUILDING BRICK: ASTM C55 MADE WITH LIGHTWEIGHT OR NORMAL AGGREGATES. GRADE N-I OR S-I EXCEPT THAT BRICK EXPOSED TO WEATHER SHALL BE N-I. MORTAR: ASTM C270-95 TYPE 5 PEPPACKAGED MORTAR MIX WHICH SHALL NOT CONTAIN ANY NON-CEMENTITIOUS FILLERS COMBINED
- WITH NOT MORE THAN THREE PARTS SAND PER ON PART MIX. REINFORCING STEEL: ASTM AG IS GRADE GO STEEL DEFORMED BARS WHERE INDICATED ON THE PLANS. WHERE REINFORCING BARS ARE INSTALLED IN THE CELLS OF CONCRETE MASONRY UNITS, THEY SHALL BE SECURED WITH WIRE TES AT INTERVALS NOT EXCEEDING 24" O(C O MAINTAIN THE BARS LOCATION IN THE CELL. THE TOLERANCE FOR SPACING OF VERTICAL BARS IS ± 2 INCHES ALONG THE LENGTH OF
- THE WALL. THE TOLERANCE FOR THE DISTANCE BETWEEN THE FACE OF THE CONCRETE MASONRY UNIT AND THE CENTER OF THE BAR SHALL NOT EXCEED ± 1/2"
- MORTAR PROTRUSION SHALL BE LESS THAN 1/2". A PROTRUSION OF 1/2" OR GREATER MUST BE REMOVED BEFORE GROUTING. HORIZONTAL JOINT REINFORCEMENT: ASTM A82 FABRICATED FROM COLD DRAWN STEEL WIRE AND HOT DIP ZINC COATED (ASTM A I 53). IT SHALL CONSIST OF TWO OR MORE PARALLEL, LONGITUDINAL WIRES 0.1875" IN DIAMETER WITH WELD-CONNECTED CROSS WIRES 0 1483" IN DIAMETER AT A MINIMUM OF 1.6" O/C JOINT REINFORCEMENT IS TO BE INSTALLED IN EVERY OTHER COURSE AND IN TH FIRST TWO COURSES AT THE BOTTOM AND TOP OF WALL OPENINGS AND SHALL EXTEND NOT LESS THAN 24" PAST THE OPENING. SPLICES SHALL OVERLAP NOT LESS THAN 12".
 EXECUTION: MASONRY UNITS SHALL BE LAID IN A RUNNING BAND PATTERN UNLESS NOTED OTHERWISE. THE WALLS SHALL BE CARRIED UP
- THE FULED CELLS AND BOND BEAM BLOCKS OF REINFORCED MASONRY WALLS ARE TO BE FULED WITH ASTM C476-91 GROUT FOR THE THILLD CILLS AND DOIND CHARM EDGOS OF NEINO RACED WINDOWN WALLS ARE TO ETHER THIS TIM OF AN OF SOUTH OR MASONRY WITH MINIMUM COMPRESSIVE STREESS OF 2,000 PSI AND SLUMP RANGE OR 8* TO TI". THE OUTSIDE FACE OF THE BOTTOM BLOCK OF EACH CILL IS TO BE BROKEN OUT FOR INSPECTION OF REINFORCING AND CLEAN OUT OF MORTAR DROPPINGS IN CILL. THE GROUT IS TO BE PUMPED INTO THE CELL IN MAXIMUM FIVE FOOT LIFTS AND IMMEDIATELY VIBRATED TO MINIMIZE ANY VOIDING OF THE GROUT. RECONSOLIDATE EACH LIFT BY VIBRATING SEVERAL INCHES INTO THE RECEDING LIFT BEFORE PLASTICITY IS LOST. RECONSOLIDATE THE TOP LIFT AND FILL WITH GROUT ANY SPACE LEFT BY SETTLEMENT SHRINKAGE
- 10) WHERE PARTITIONS FALL BETWEEN FLOOR JOISTS OR TRUSSES, 2 X 4 LADDERS AT I G* O/C MUST BE PLACED PERPENDICULAR TO THE TRUSSES TO SUPPORT THE PLYWOOD DECKING. THE LADDERS SHALL BE SUPPORTED WITH SIMPSON *2* CLIP OR SIMILAR DEVICE.
 11) ALL WOOD I-JOISTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS PLUS DETAILS SHOWN
- 5/8" X 3 1/2" X 8" BASE PLATE SHALL BE USED TO SPREAD THE COLUMN LOAD ACROSS THE BEARING SURFACE. BASE PLATES SHALL BE BOLTED WITH AT LEAST TWO 1/2" DIAMETER ANCHOR BOLTS OR EXPANSION BOLTS TO CONCRETE OR MASONRY
- 13) UNLESS NOTED OTHERWISE ON PLANS, ALL EXTERIOR FACING WALL STUDS TALLER THAN 10'SHALL BE CONSTRUCTED AS FOLLOWS:
 A) WALLS 10'TO 12' HIGH: BALLOON FRAME 2 X 4 STUDS AT 12" O/C WITH ½" OSB SHEATHING AND 3 KING STUDS ON EACH SIDE OF EACH OPENING NAILED SECURELY TO THE HEADER. B) WALLS 12' TO 20' HIGH: BALLOON FRAME 2 X 6 STUDS AT 16" O/C (1/2" OSB SHEATHING REQUIRED FOR WALL HEIGHTS > 17). PROVIDE
- VALUE 72 102 VIDENTION DALEGON NAME 24 STOOD AT 18 0/072 000 STREAM REGISTER ON WAL FILING A VIDENT AND A VIDENT A VID
- C) GABLE END WALLS OR ROOMS WITH VAULTED CEILING JOISTS: BALLOON FRAME WALL AND PROVIDE TRIPLE KING STUD ON EACH SIDE OF
- OPENINGS, NALED SECURELY TO THE HEADER.
 OPENINGS, NALED SECURELY TO THE HEADER.
 TWO-STORY HIGH FOYER WALLS LESS THAN 9" WIDE: EXTEND 3 ½" X 9 ¼" PSL MEMBER WITH 3-2 X 4 FLAT PLATES ACROSS THE ENTIRE WALL. LOCATE THE BEAM NEAR MID-HEIGHT OF THE WALL A TO RIEAR FIRST FLOOR TOP PLATE.
 NOTE:SEE SPECIAL DESIGN OR ENGINEER FOR WALLS TALLER THAN 20", WHEN OPENINGS IN HIGH WALLS EXCEED G' IN WIDTH, OR IF THE WALL CANNOT BE CONSTRUCTED USING ANY OF THE METHODS MENTIONED.
- LOWER STUD WALLS FOR BUILDINGS OVER TWO STORIES, BUT NOT MORE THAN THREE STORIES"
- A) INTERIOR WALLS
- LOAD BEARING
- ION LOAD BEARING EXTERIOR WALLS
- USE 2 X 6 AT 16" O/C WITH 1/2" X 4' X 8' PLYWOOD SHEATHING AT ALL CORNERS AND EVERY 25'; OR USE 2 X 4 AT 12" O/C WITH 1/2" PLWOOD SHEATHING SOLD ON WALLS. HEADERS SHALL BE AS SHOWN UNLESS NOTED DIFFERENTLY ON PLANS: INTERIOR AND EXTERIOR
- . 2-2 X 6'5 SPANS UP TO 2'-6" SPANS 2'-6" TO 3'-6" 2-2 X 85
- SPANS 3'-6" TO 6'-6" . SPANS 6'6" OR MORE
- (i) JANG SE ON MORE THAN 5' SHALL HAVE A MINIMUM OF THREE KING STUDS ON EACH SIDE UNLESS NOTED OTHERWISE.
 (i) WHEN CEILING JOISTS ARE PARALLEL TO AN EXTERIOR WALL, TIE THE RAFTERS NEAR THE TOP PLATE TO CEILING JOISTS WITH A 2 X G
- (7) WHEN CEILING JOISTS ARE PARALLEL TO AN EXTERIOR WALL, TIE THE RAFTERS NERA THE TOP PLATE TO CEILING JOISTS WITH A 2 X 6 STRONGBACK. A MINIMUM OF LONG AT 4 FEET ON CENTER ACROSS THE TOP OF THE CEILING JOISTS. 2 X 4 RAFTER TIES SHALL BE FASTENED TO THE SIDE OF THE RAFTER AND THE STRONGBACK.
 (8) AT ALL EXTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT PANEL WITH 5-I GD NAILS OR TIED TOGETHER WITH METAL STREPTING NAILED AT FOUR LOCATIONS BETWEEN FLOORS WITH A MINIMUM OF 2-I GD NAILS INTO EACH PANEL AT EACH STRAP. THIS WILL AVOID VERTICAL CRACKING IN PANEL JOINTS DUE TO HORIZONTAL OSCILLATING PANELS.
 (19) AT ALL STARS, EVERY STUD AT EACH STRINGER MUST BE NAILED TO EACH STRINGER WITH A MINIMUM OF 2-I GD NAILS. THIS WILL AVOID CRACKING BETWEEN WALLBOARD AND TOP OF BASE MOLDING DUE TO VERTICAL OSCILLATING PANELS.
 (20) ROOF TRUSSES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID CPILING SETURES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID CPILING AND CPILING AND TOP ON BASE MOLDING DUE TO VERTICAL OSCILLATION OF STAR STRINGERS. 3 studs under L.V.L. beams \$ 2 studs =
- under dimentional lumber beams or roof brace (unless noted otherwise)
- CEILING-WALL CRACKING 21) ROOF TRUSSES CLOSE TO SIDE WALLS FRAMING AND USED AS DEAD WOOD FOR SHEETROCK BOARDS SHOULD BE NAILED TO THE WALL
- 21) ROOT INDUCTOR LIGHT WALLS TAMINE AND DUED TO BEAD WOOD TOK STILLT NOCK DAARDS STIDUED BE WALLD TO THE FRAMING TO PREVENT CELLING-WALL CRACKING.
 22) ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON EXTERIOR MASONRY PIERS OR CONCRETE SHALL BE TREATED. ALL WOOD IN CONTACT WITH THE GROUND IS TO BE GROUND-CONTACT APPROVED. ALL WOOD EXPOSED DIRECTLY TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCCURRENCE OF ROT.
- UNLESS OTHERWISE DETAILED, ALL STICK-BUILT TALSE CHIMNEYS' SHALL BE CONSTRUCTED WITH 2 X 4 STUDS AT 12" O/C, BALLOON-FRAMED FROM ATTIC CEILING OR FLOOR. FASTEN 15/32" CDX PLYWOOD ON ALL SIDES OF THE CHIMNEY ALONG THE FULL LENGTH OF THE STIDDS, FASTEN EACH STUD TO THE SUPPORTING BEAM OR CEILING JOIST WITH A 1 ½" X 24", 18-GAUGE METAL STRAP,
- OR A SIMILAR CONNECTOR. 24) ITEM UNCHANGED, BUT MOVED FROM UNDER #14 ON OLD PAGE 2:
- (4) THEM UNCTIANGED, BUT NOUTD FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS WHETHER WOOD OR STEEL CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. 25) NOTE TO APPLY TO ALL HARD COAT STUCCO EXTERIOR FINISHES:
- JOINTS ARE NECESSARY AT THE FOLLOWING LOCATIONS
- HORIZONTALLY AT EACH FLOOR LINE. NO AREAS LARGER THAN 144 S.F. SURFACE EXPOSED
- NO DIMENSION LONGER THAN 18'.
- NO DIMENSION LONGER THAN 2 1/2 TIMES THE SHORTEST DIMENSION
- NO DIMENSION LONGER THAN 2 72 TIMES THIL SHOREST DIMENSION. DRIP SCREED REQUIRED AT THE BOTTOM OF ALL WALLS 2" ABOVE PAVED AREAS AND 4" ABOVE GRADE. SEE ASTM 92G AND 10G3 FOR FURTHER INFORMATION. APPLICATION OF AN APPROVED CHEMICAL CURING COMPOUND.
- THE CURING SHALL CONTINUE UNTIL THE CUMULATIVE NUMBER OR DAYS WHEN THE AMBIENT TEMPERATURE ABOVE 50°E HAS TOTALED. SEVEN. DURING CURING, THE CONCRETE SHALL BE PROTECTED FROM ANY MECHANICAL INJURY, LOAD STRESSES, SHOCK, VIBRATION, OR DAMAGE TO FINISHED SURFACES

WALL BRACING NOTES:

I. THIS STRUCTURE HAS BEEN ANALYZED BY A PROFESSIONAL ENGINEER FOR LATERAL LOADING. IT HAS BEEN DESIGNED USING CONTINUOUSLY SHEATHED 7/16" OSB SHEATHING, FASTENED AT 6" O.C. ALONG THE EDGES AND 12" O.C. ALONG THE INTERIOR TO MEET OR EXCEED THE INTENT OF THE 2015 INTERNATIONAL RESIDENTIAL BUILDING CODE. WHERE WALL LINES REQUIRE FURTHER THE LATERAL LOADS AND ARE NOTED ON THE PLAN SET.

EXTERIOR WALL STUD SCHEDULE.

FOR 2 X 6 HOG .

2 SPRUCE PINE FUR SOUTHERN YELLOW PINE

APPLICATION

4) OPEN WEB FLOOR TRUSSES: APPLICATION TOP & BOTTOM CHORDS

COLUMNS (LSL) & RIMBOARDS

COLUMNS

APPLICATION GIRDERS & BEAMS (LVL.PSL)

COLUMNS (LSL) & RIMBOARDS I .700

) FOR 2 X 8 HOG

- RESIST UPLIFT SHALL BE INSTALLED WHERE REQUIRED, WHEN ROOF TRUSS MANUFACTURERS DO NOT PROVIDE THE REQUIRED CONNECTORS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ROOF TRUSS ENGINEER OR THE ENGINEER OF
- RECORD TO PROVIDE AN ADEQUATE CONNECTOR 2) IN ADDITION TO THE CODE'S FASTENER SCHEDULE, UNLESS NOTED OTHERWISE ON THE PLAN, ROOF MEMBERS SHALL BE TIED DOWN
- WITH ADDITIONAL METAL CONNECTORS AS FOLLOWS:
- THE LOWER END OF THE RAFTER TO THE TOP PLATE. ALL LOWER ENDS OF VALLEY AND HIP MEMBERS WHICH BEAR ON A TOP PLATE USE A SIMPSON HCP OR EQUIVALENT CONNECTOR
- COLLAR THES SHALL BE 2 X 6 AT 48" O/C AT ALL RIDGES UNLESS NOTED OTHERWISE AND LOCATED A NOMINAL 3' BELOW THE RIDGE VAULTED CEILINGS REQUIRE SPECIAL COLLAR TIE OR RIDGE BEAM DETAILS. SEE THE END OF TABLE R802.5.1. IN THE CODE UNLESS
- ALL HIPS AND RIDGES ARE A SIZE LARGER THAN RAFTERS UNLESS NOTED OTHERWISE.

1.150

1.600

2,500 950

Top plate –

Bottom plate-

Top plate -

FB (PC

🗕 2x stud wall 🗕

Do not use I-Joist blocking material

under concentrated loads. Use only

- 2x stud wall --

Same number of studs-

as above to bear on

solid wood blocking

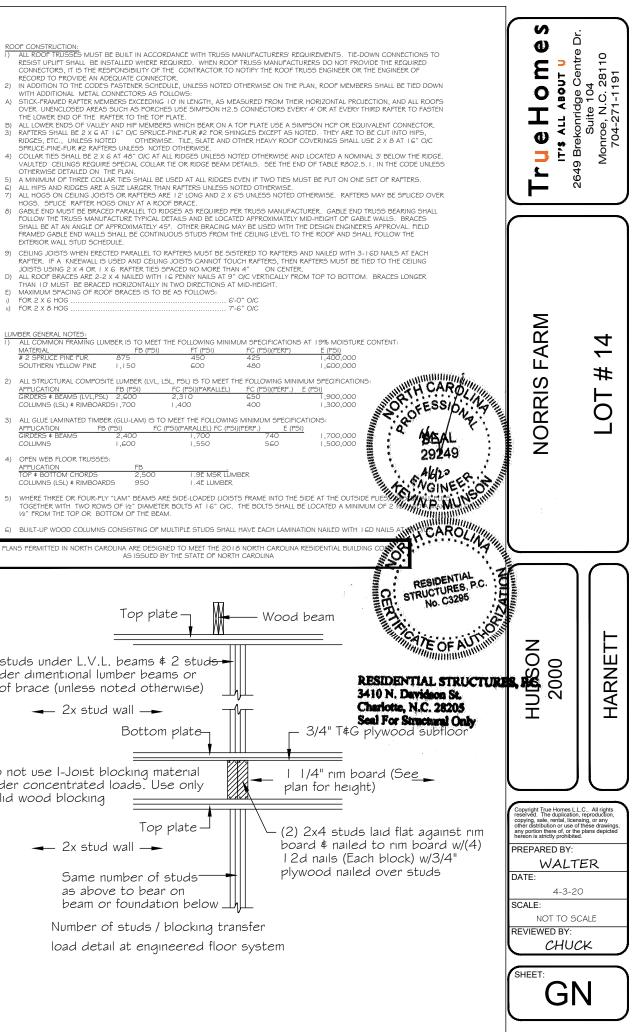
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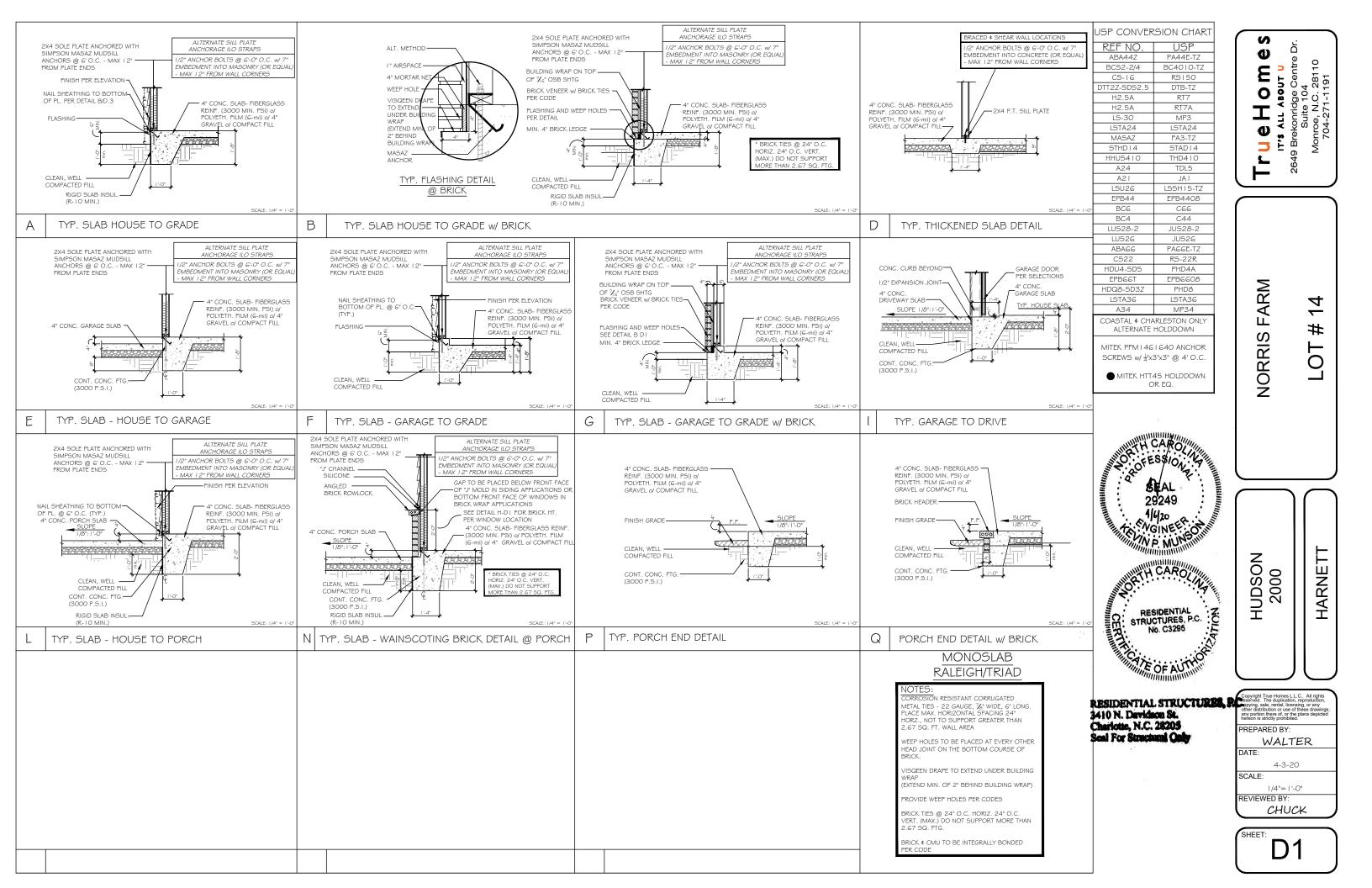
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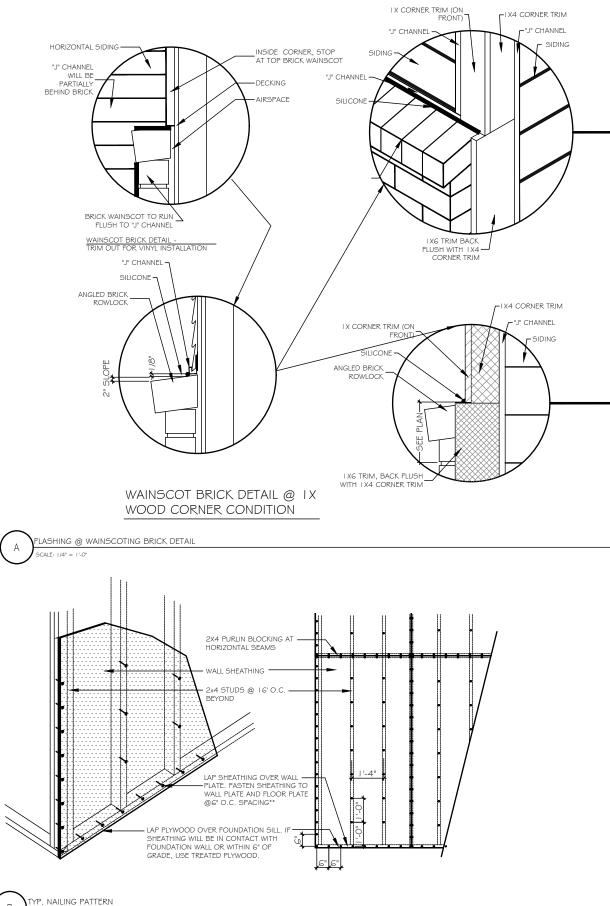
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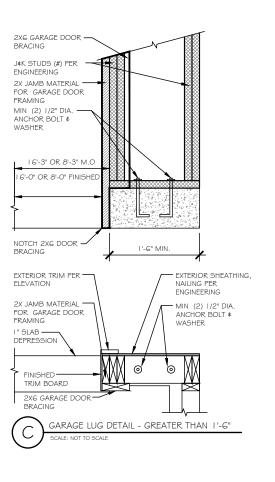
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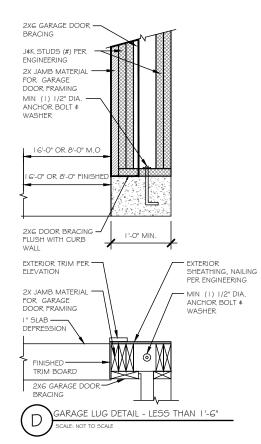
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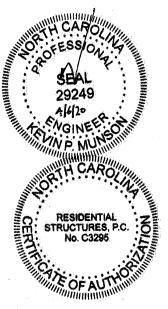








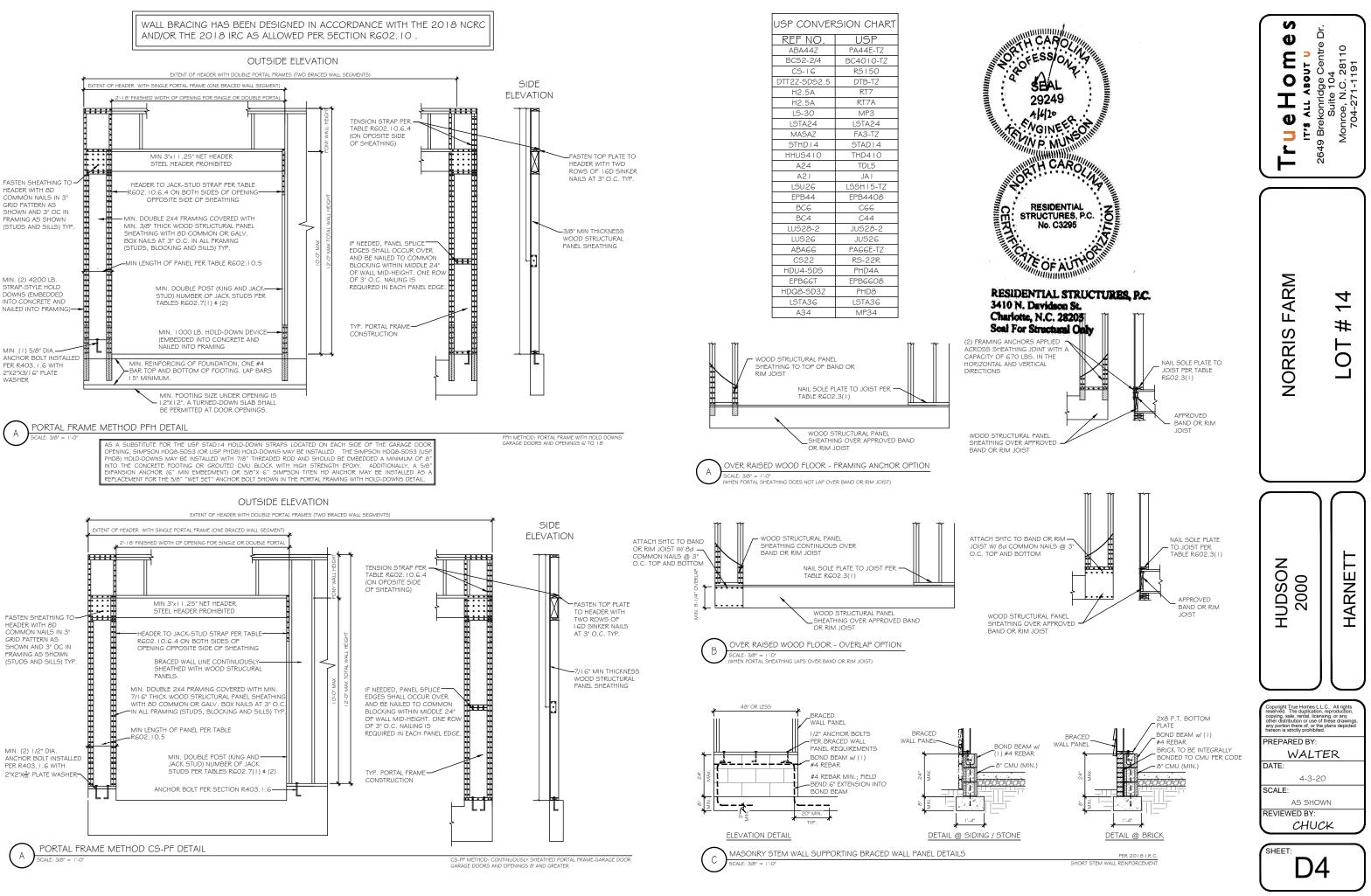


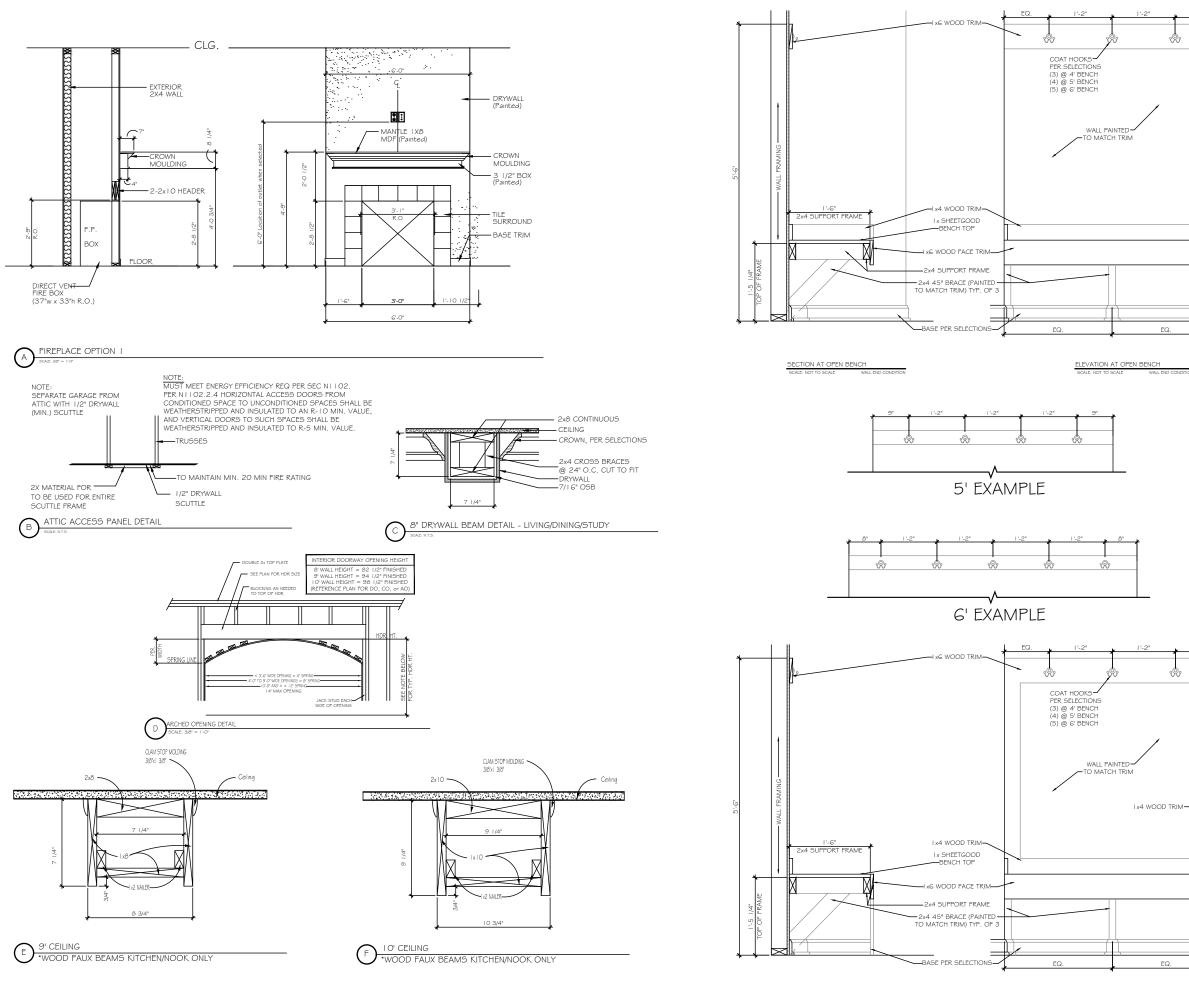


RESIDENTIAL STRUCTURES, P.C. 3410 N. Davidson St. Charlotte, N.C. 28205 Scal For Structural Only

B SCALE: 1/4" = 1'-0"

TrueHomes	2649 Brekonridge Centre Dr. Suite 104 Monroe, N.C. 28110 704-271-1191	
NORRIS FARM	LOT # 14	
HUDSON 2000	HARNETT	
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SECTION AT OPEN BENCH







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NORRIS FARM	LOT # 14
HUDSON 2000	HARNETT
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