TrueHom<u>es</u> Harnett

IT'S ALL ABOUT U

DESIGN IS COMPLIANT WITH 2018 NCRC

CLIMATE ZONE 4A

ENERGY CODE N I 102.2 PRESCRIPTIVE FOR

SPANS UP TO 3'-6"

DOOR WIDTH

3/0 3'-2 1/2"

2/8 2'-10 1/2"

5/0 5'-3 5/8'

5/4 5'-7 5/8"

6/0 6'-3 5/8"

5/0 60-1/8"

6/0 72-1/8"

DOOR WIDTH

1'-6"

1'-8"

|'-|0"

2'-2"

2'-6"

2'-8"

2'-10"

3'-0"

3'-2"

4'-2"

5'-2"

6'-2"

EXTERIOR DOOR

1/4

1/6

1/8

2/0

2/4

2/6

2/8

2/10

3/0

4/0

5/0

6/0

WALL

8'-1 1/8'

9'-1 1/8"

0'-1 1/8"

R.O. WIDTH

8FT EILING

2

82-

2

80-

8FT FILING

[]

+ 2

82-1/2 DOOR 1

ō

ė

R O WIDTH

PLAN I.D. +2"

PLAN I.D. +2"

PLAN I.D. +2"

CO = CASED OPENING

AO = ARCHED OPENING

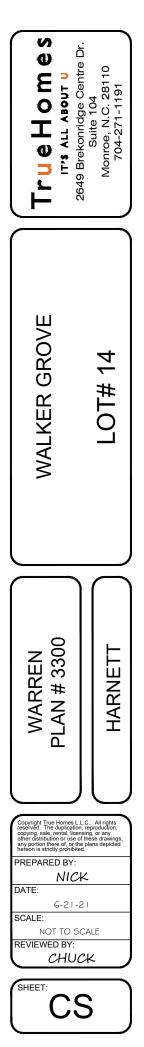
SPANS 3'-6" TO 6'-6"

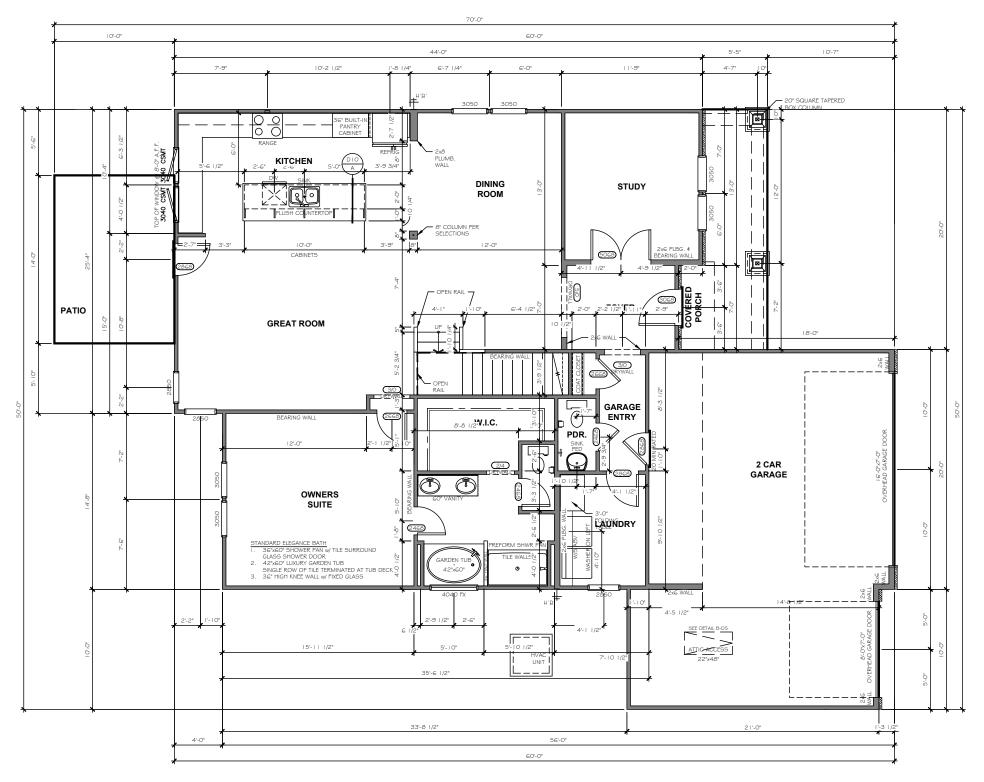
THE 'WAR

07/08/2021 **GENERAL NOTES** HEADER SCHEDULE WALKER GR LL INTERIOR BEARING AND EXTERIOR WALLS PLANS PERMITTED IN NORTH CAROLINA ARE DESIGNED TO MEET THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE, AS (2) 2x8's ISSUED BY THE STATE OF NORTH CAROLINA, AND PLANS PERMITTED IN SOUTH CAROLINA DESIGNED TO MEET 2018 INTERNATIONAL -----(2) 2x10's RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF SOUTH CAROLINA, WITH MODIFICATIONS AS REQUIRED TO MEET LOCAL LOT 14 SPANS 6'-6" OR MORE -- SEE PLAN BUILDING CODES FOR EACH APPLICABLE JURISDICTION. DO NOT SCALE DIMENSIONS FROM PRINTS. USE DIMENSIONS GIVEN OR CONSULT ARCHITECTURAL SERVICES DEPARTMENT FOR ** SOUTH CAROLINA SPECIFIC NOTE ** FURTHER CLARIFICATION. ALL OPENINGS IN THERMAL ENVELOPE MUST ALL DIMENSIONS ARE FROM WALL FRAMING (FACE OF STUD), NO FINISHED DIMENSIONS ARE GIVEN U.N.O. HELP HOT HAVE INSULATED HEADER PER CODE PROVIDE 2 STUDS BETWEEN ALL WINDOWS (TYP) TBD WALKER GROVE LANE "WHEN IN DOUBT, GIV ACCESS DOORS BETWEEN HOUSE AND GARAGE AREAS TO BE 20-MINUTE FIRE RATED. EXTERIOR HINGED ALL INTERIOR NON-LOAD BEARING WALLS TO BE 2x4 STUDS @ 24" O.C. (U.N.O.). OR AS SPECIFIED PER COMMUNITY SPECS \$ LILLINGTON, NC 27546 TRUE BUIL MUNICIPALITY REQUIREMENTS DOOR SCHEDULE ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON MASONRY OR CONCRETE SHALL (To be filled in by Bu DOOR HEIGHT R.C BE TREATED. ALL WOOD IN CONTACT WITH THE GROUND MUST BE GROUND-CONTACT APPROVED. ALL WOOD EXPOSED DIRECTLY TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCCURRENCE OF ROT. 9FT CEILING COMMUNITY SPECS VAME: ALL ANGLED WALLS ARE AT 45 DEGREES UNLESS NOTED OTHERWISE. REFER TO QUALITY STANDARDS AND/OR MANUFACTURER SPECS FOR WINDOW ROUGH OPENING SIZES. SEE ELEVATIONS FOR WINDOW HEADER HEIGHTS (U.N.O.). NUMBER 2 PROVIDE BLOCKING ABOVE WINDOWS AND DOORS 16" O.C. Ň - MONO FOUNDATION PROVIDE EXTRA STUDS AS INDICATED AT BEAM BEARING LOCATIONS. - VINYL SIDING / VINYL SOFFIT 82-98-2. WALLS TO BE FRAMED WITH STUDS AT 16" O.C. AT KITCHEN WALLS WITH CABINETS AND AT TUB/SHOWER LOCATIONS (PER - 2 CAR GARAGE ARCHITECTURAL MANUE ALL COMMON CEILING BETWEEN GARAGE TO HOUSE PROVIDE 5/8" TYPE X GWB PER GARAGE SEPARATION REQUIREMENTS PER. Missing or Conflictir SLIDING PATIO DOORS CODE. ALL JOINTS TO BE TAPED & MUDDED FOR FIRE SEPARATION. ALL STRUCTURES SUPPORTING FLOOR/CEILING ASSEMBLIES Plan Legibility USED FOR SEPARATION REQUIRE NOT LESS THAN 1/2" GYP OR EQ. PER SECTION R302.6 Missing Options SEPARATE GARAGE FROM ATTIC WITH 5/8" TYPE X GWB SCUTTLE MINIMUM AND 2X SCUTTLE FRAMING MATERIAL 2 HEEL HEIGHTS: SEE ELEVATIONS SHEETS FOR TOP OF FASCIA DIMENSIONS TO GATHER PROPER HEEL HEIGHT REQUIREMENTS. Mon-Fri: 8am - 5pm PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS AS REQUIRED BY NATIONAL 80-16 CHARLOTTE MKTS: 704 FIRE PROTECTION ASSOCIATION AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES AND PER MANUFACTURER SPECS ALL OTHER MKTS: 704-9 STAIR TREAD DESIGN TO BE VERIFIED WITH SELECTIONS AND PO'S E-mail: CADISSUE@trueh 8. PROVIDE I 1/2" FLAT WALL FRAMING FOR ALL HVAC CHASES UNLESS NOTED OTHERWISE. SEE FRAMING SHEET GN FOR ADDITIONAL NOTES PER LOCAL CODES. INTERIOR HINGED **ESTIMATI** SQUARE FOOTAGE FOR TRADITIONS, ELEMENTS, INTEGRITY, AND TRIBUTE SERIES, DOORS SHOULD BE LOCATED 4" OFF ADJACENT WALLS OR DOOR SCHEDULE CENTERED IN THE WALL UNLESS NOTED OTHERWISE. DESIGNER SERIES SHOULD BE LOCATED 6" OFF ADJACENT WALLS OR Missing Material or CENTERED IN THE WALL UNLESS NOTED OTHERWISE. DOOR HEIGHT R.O. 1599 SQ.FT Purchase Order Que FIRST FLOOR 20. ALL HOMES TREATED WITH BORA-CARE TERMITE TREATMENT. SMURF DOORS ARE 21 1/2" x 39" NOMINAL (R.O. 22 1/2" x 40"). SECOND FLOOR 1709 SQ.FT Mon-Fri: 8am - 5pm SHEATH WALLS AND CEILINGS w/ OSB PER SPECS. IN FURN. ROOM LOCATIONS ALL MKTS: 704-681-49 23. ALL PLANS ARE GENERATED WITH THE AID OF A COMPUTER AIDED DRAFTING SYSTEM. 0 TOTAL LIVABLE 3308 SQ.FT 24. DIMENSION AND NOTATIONS ON PLANS HAVE PREFERENCE OVER GRAPHIC DEPICTIONS AND SHOULD BE UTILIZED TO SETTLE ANY Å DISCREPANCIES - ANY DISCREPANCIES FOUND SHOULD BE FORWARDED TO THE ARCHITECTURAL SERVICES DEPARTMENT FOR CA) A CFESS/ WHOR T FRONT COVERED PORCH 122 SQ.FT RESOLUTION 25. TYPICAL FOUNDATION AND ENGINEERING CONSTRUCTION DETAILS ARE SHOWN IN RESPECTIVE PLANS. TYPICAL DETAILS SHALL 618 SQ.FT 3-CAR GARAGE APPLY TO ALL SITUATIONS OCCURRING ON THE PLAN THAT ARE THE SAME OR SIMILAR TO THOSE SPECIALLY DETAILED. THE APPLICABLY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS REAR CONCRETE PATIO 120 SQ.FT /SEA 98-1/2" DOOR H -1/2' OR F SHALL APPLY WITHER OR NOT THEY ARE REFERENCED AT EACH LOCATION. 26. ALL CONSTRUCTION SPECIFICATION NOT COVERED ON THIS SHEET, OR IN PLAN SETS AND GENERAL SPECIFICATIONS, ARE TO MEET 82-DO(2924 ALL APPLICABLE STATE AND LOCAL BUILDING CODES. HOUSE CONSTRUCTION IS TYPICAL 2X4 STUDS AT 16" O.C. AT ALL EXTERIOR WALLS UNLESS OTHERWISE NOTED. WALLS THAT ARE 6/2/2 FNGIN TO BE BALLOON FRAMED OR CONSTRUCTED WITH 2X6 STUDS WILL BE NOTED AS SUCH. ALL BASEMENT FRAMED WALLS TO BE 2X4 STUDS FOR ONE-STORY PLANS AND 2XG STUDS FOR LOAD BEARING WALLS ON TWO-STORY PLANS UNLESS OTHERWISE NOTED. 28. PLANS ARE GENERATED FROM A COMMON GRAPHIC DATABASE WITH MODIFICATIONS AS REQUIRED TO ADAPT PLANS TO LOCAL MEVINP . 28'-11 BUILDING CONDITIONS AND SPECS FOR EACH LOCALITY OVERALL HT. (FF to Ridge) ē 29. TRUE HOMES RESERVES THE RIGHT TO MAKE MODIFICATIONS TO FLOOR PLANS, DIMENSIONS, MATERIALS, AND SPECIFICATIONS ā PLATE HEIGHT(5) 9'/8' WITHOUT NOTICE. THESE DRAWINGS ARE FOR THE PURPOSE OF CONVEYING AN ARCHITECTURAL CONCEPT ONLY INTERIOR DOOR RALEIGH **REVISION LOG DESIGN CRITERIA INTERIOR PASS** DATE: DRAWN BY RESIDE DESIGN LOADS ARE ALL DEAD LOADS PLUS: THRU SCHEDULE STRUCTU Α. NO. C FRAMED OPENING DIMENSIONS Β. BALCONIES40 PSF С R.O. HEIGHT 2. DATE: DRAWN BY D. ATTIC FLOOR LIVE LOADING WITH THE 82-1/2" FOLLOWING: AREA ACCESSIBLE BY 94-1/2 STAIRS......40 PSF 98-1/2 ROOF SLOPES >3:12......20 PSF 3. DATE DRAWN BY RESIDENTIAL ST ROUGH OPENING HEIGHTS ARE FOR DO, CO, ROOF SLOPES <3:12.....10 PSF 3410 N. Devideon AO OPENINGS. SHIM HEIGHTS AS NEEDED T Charlotte, N.C. 28 MATCH INTERIOR HINGED DOOR CASING WIND LOAD I 15 MPH Seal For Structure G INTERIOR DOORWAY OPENINGS: 4 DATE: DRAWN BY SEISMIC ZONE......B DO = DRYWALL OPENING Η.

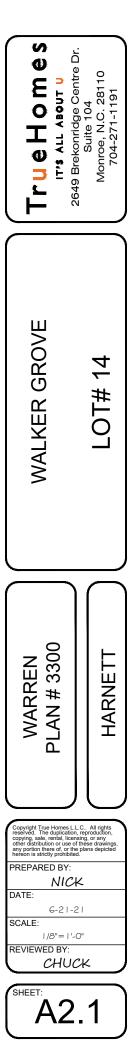
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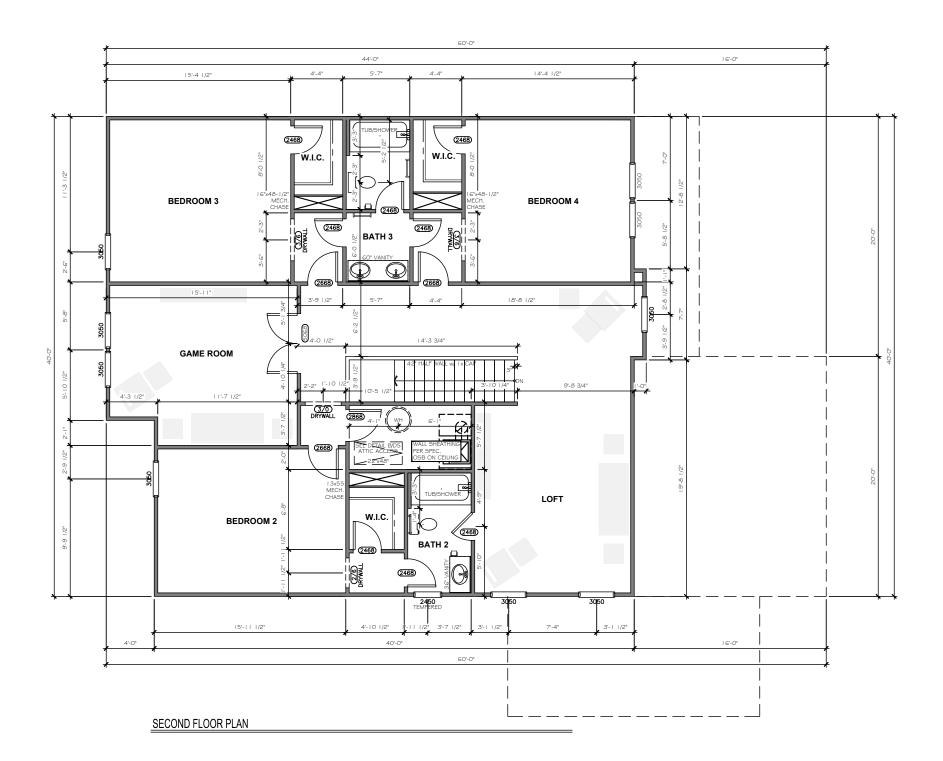
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LINES /E US A SHOUT"	CS	BLE OF CONTENTS	
<u>_DER:</u> uilder on site)	A2.1 A2.2	FIRST FLOOR PLAN SECOND FLOOR PLAN	
	A3.1 A3.2	FRONT & SIDE ELEVATIONS	
L SERVICES:	A4.1 E1.1 E1.2	STAIR SECTIONS FIRST FLOOR ELECTRICAL PLAN SECOND FLOOR ELECTRICAL PLAN	
	51 52.1	FOUNDATION PLAN FIRST FLOOR FRAMING	
-681-2032 993-1861 nomesusa.com	53.1 GN	ROOF FRAMING PLAN GENERAL STRUCTURAL NOTES	
ING: Shortage estions	AN ST-1	AREA NOTES STEEL BEAM DETAILS	
916 W	DI D3 D4	TYP. FOUNDATION DETAILS TYP FLASHING DETAIL TYP. PORTAL FRAME DETAIL - PFH	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	D5	TYP FIREPLACE DETAILS TYP STAIR DETAILS	
19	D5.2 D5.3	TYP STAIR DETAILS	
EEP. ON MAN	D9 D10	TYP CORNICE DETAILS TRIM DETAILS	
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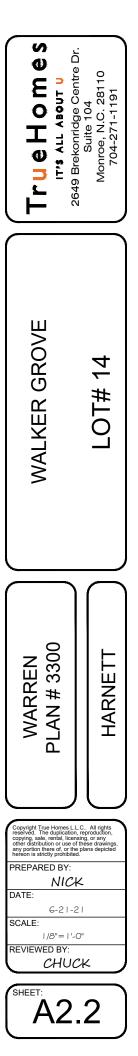


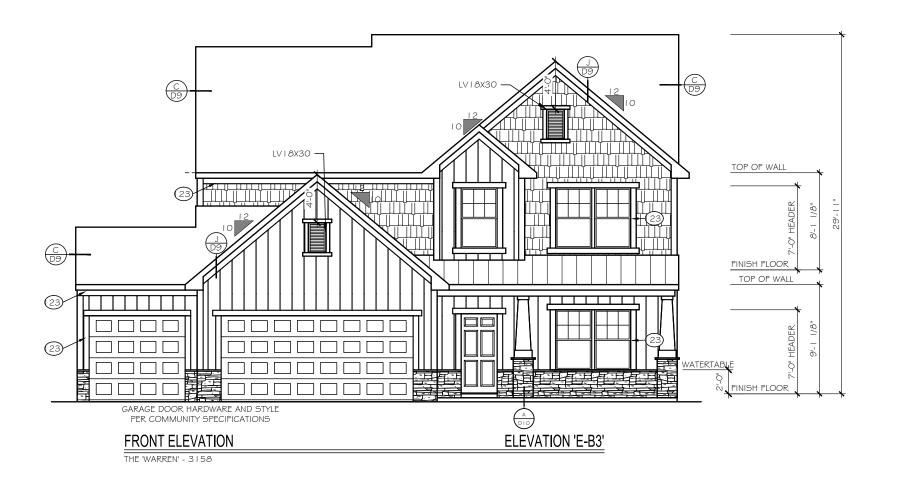


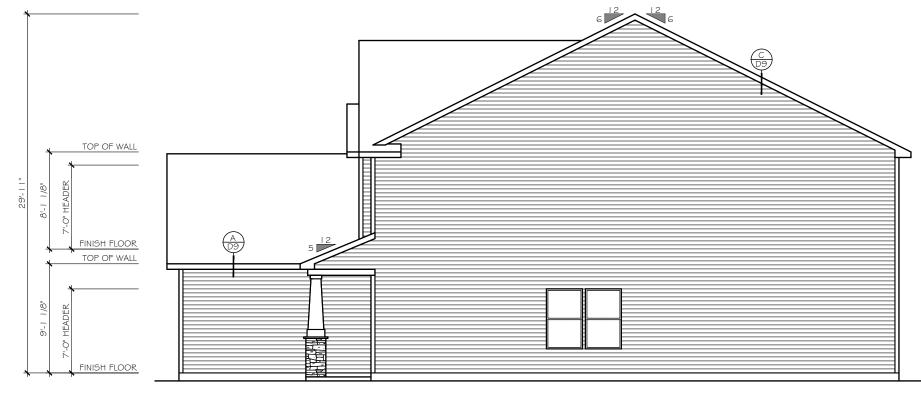
FIRST FLOOR PLAN



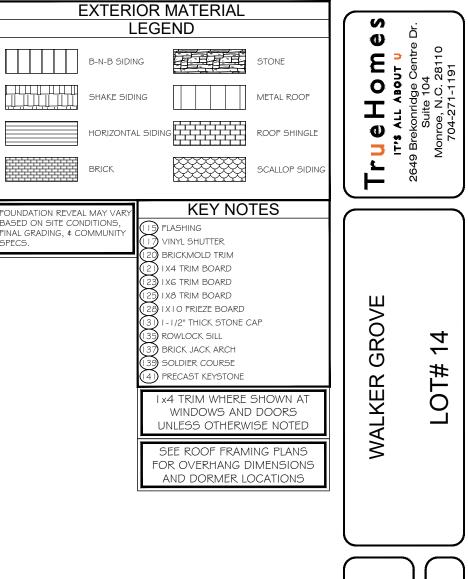








RIGHT ELEVATION

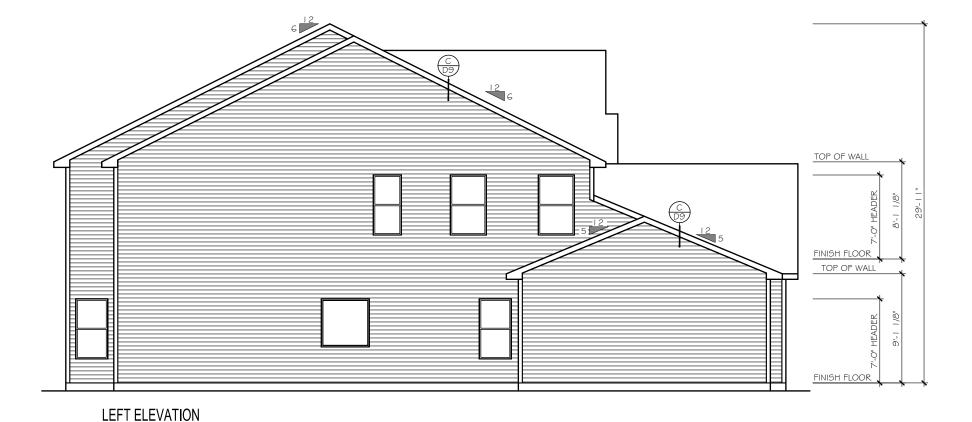


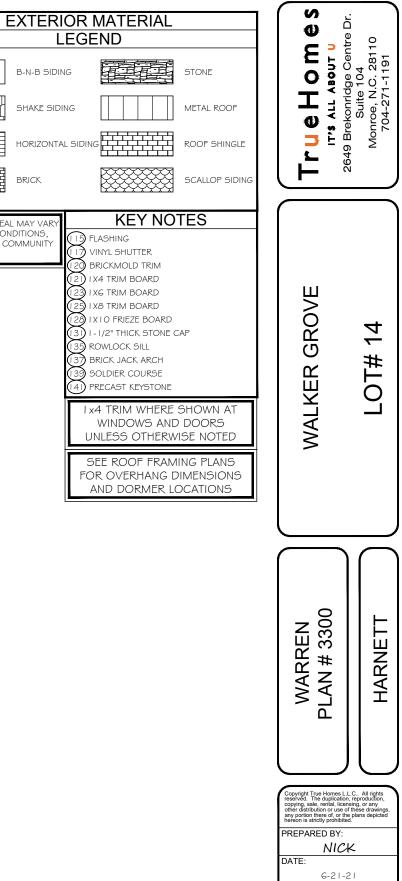
BPECS

WARREN PLAN # 3300	HARNETT		
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PREPARED BY:			
NICK			
DATE:			
6-21-21			
SCALE:			
/8"= '-0" REVIEWED BY:			
CHUCK			
0501			
SHEET: A3	1		



REAR ELEVATION

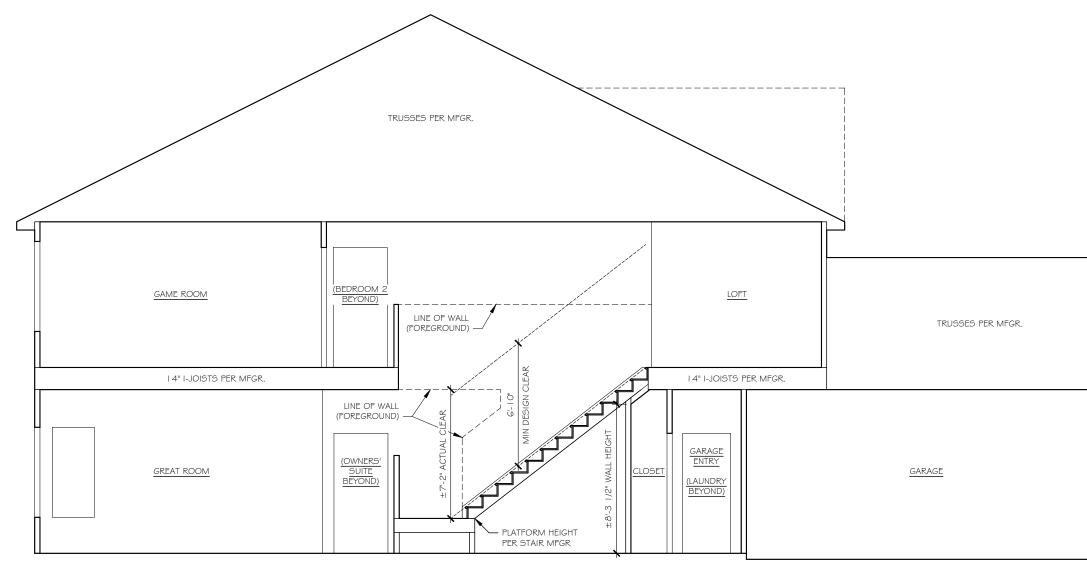




SCALE: |/8"=|'-0"

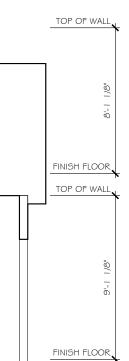
REVIEWED BY: CHUCK



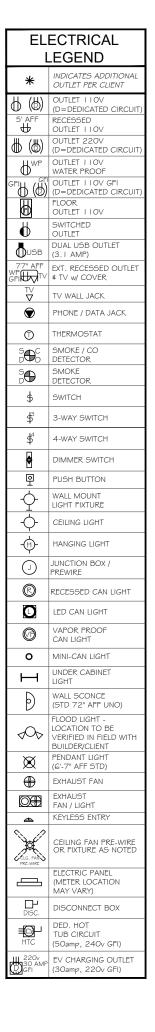


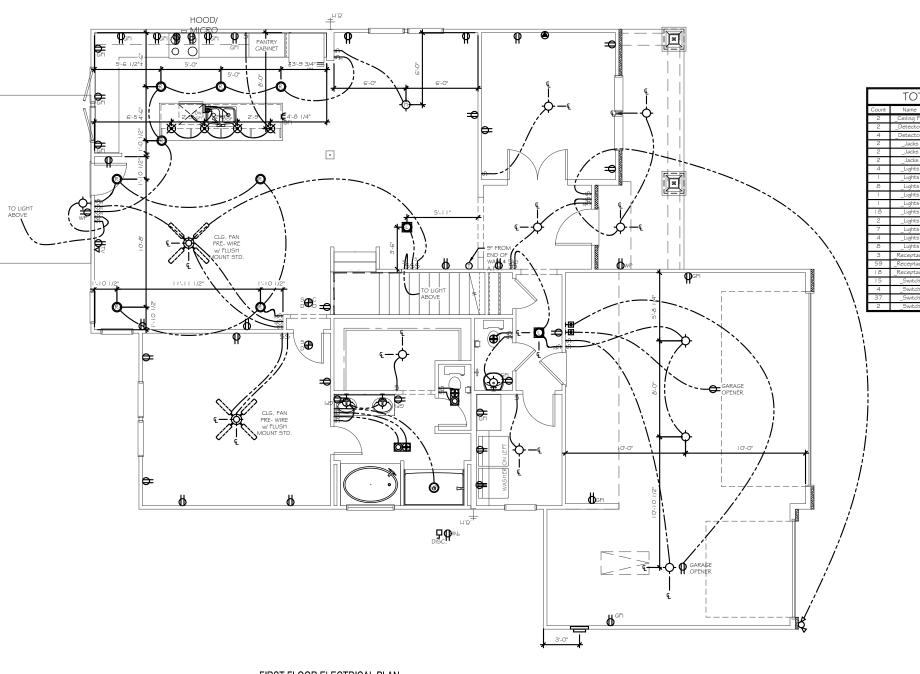
STAIR SECTION - (9' / 8')

9' FIRST FLOOR I 4" FLOOR JOISTS 8' SECOND FLOOR

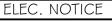


TrueHomes IT's ALL ABOUT U 2649 Brekonridge Centre Dr.	Suite 104 Monroe, N.C. 28110 704-271-1191	
WALKER GROVE	LOT# 14	
WARREN PLAN # 3300	HARNETT	
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FIRST FLOOR ELECTRICAL PLAN



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

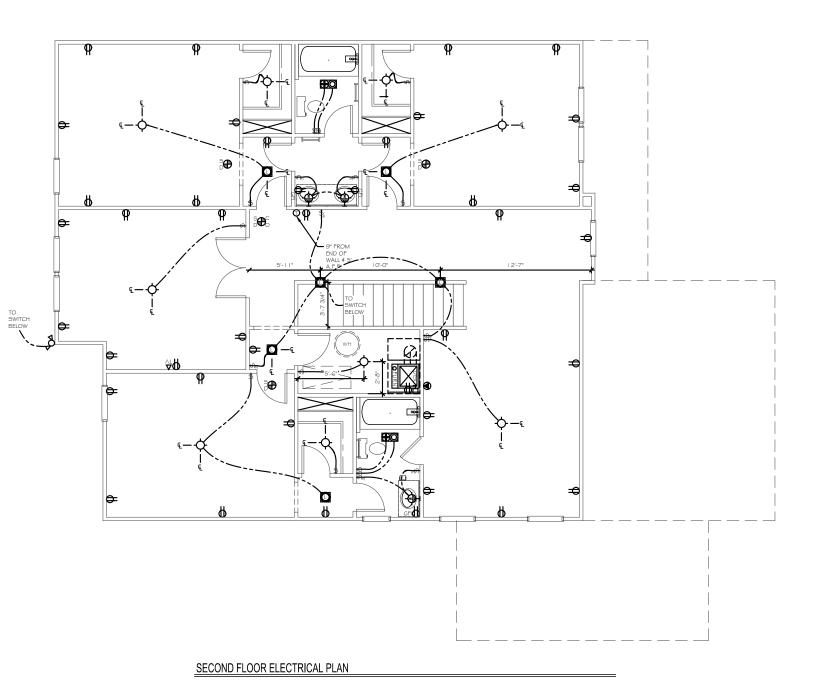
ELECTRICAL TO BE PLACED PER CODE IN THE FIELD. SEE QUALITY STANDARDS FOR HEIGHTS

PLACE GAS METER MAX 15' AWAY FROM ELECTRICAL METER IF APPLICABALE

IONS '-0" LL AT ER ALITY	TrueHomes IT's All Abour V 2649 Brekonridge Centre Dr.	Suite 104 Monroe, N.C. 28110 704-271-1191
	WALKER GROVE	LOT# 14
	WARREN PLAN # 3300	HARNETT
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TΑ	TAL ELEC QTY			
	Visibility I			
Fan	w/ Flush Mount Std.			
ors	Smoke/Carbon Monoxide Detector			
ors	Smoke Detector			
5	Thermostat			
5 5 5	Phone Jack			
5	TV Jack			
5	Pendant Light			
5 5	Can Light VP			
5	Can Light			
	Exhaust Fan			
9 9 9 9 9	Hanging Light			
5	Ceiling Light			
9	Flood Light			
5	Carriage Light			
5	Exhaust Fan/Light			
	LED Ceiling Light			
acle	WP			
acle	I I OV			
acle	GFI			
:h	3-Way Switch			
:h	4-Way Switch			
:h	Single Pole Switch			
:h	Push Button			

ELECTRICAL			
*	INDICATES ADDITIONAL OUTLET PER CLIENT		
(₫)	OUTLET 110V (D=DEDICATED CIRCUIT)		
5' AFF	RECESSED OUTLET I I OV		
(₾)	OUTLET 220V (D=DEDICATED CIRCUIT)		
$\bigcup_{M \in \mathcal{M}} M \in \mathcal{M}$	OUTLET I I OV WATER PROOF		
	OUTLET I I OV GFI (D=DEDICATED CIRCUIT)		
Ø	FLOOR OUTLET I I OV		
0	SWITCHED OUTLET		
Оизв	DUAL USB OUTLET (3.1 AMP)		
77" AFF GFI	EXT. RECESSED OUTLET \$ TV w/ COVER		
	TV WALL JACK		
\bigcirc	PHONE / DATA JACK		
Ō	THERMOSTAT		
SDC DC	SMOKE / CO DETECTOR		
₽G	SMOKE DETECTOR		
\$	SWITCH		
\$	3-WAY SWITCH		
\$	4-WAY SWITCH		
¢	DIMMER SWITCH		
<u> </u>	PUSH BUTTON		
<u> </u>	WALL MOUNT LIGHT FIXTURE		
÷	CEILING LIGHT		
-\$	HANGING LIGHT		
	JUNCTION BOX / PREWIRE		
®	RECESSED CAN LIGHT		
0	LED CAN LIGHT		
Ø	VAPOR PROOF CAN LIGHT		
0	MINI-CAN LIGHT		
Н	UNDER CABINET LIGHT		
Ð	WALL SCONCE (STD 72" AFF UNO)		
40d	FLOOD LIGHT - LOCATION TO BE VERIFIED IN FIELD WITH		
X	BUILDER/CLIENT PENDANT LIGHT		
	(6'-7" AFF STD) EXHAUST FAN		
	EXHAUST		
4	FAN / LIGHT KEYLESS ENTRY		
ELG. FAN	CEILING FAN PRE-WIRE OR FIXTURE AS NOTED		
	ELECTRIC PANEL (METER LOCATION		
DISC.	MAY VARY) DISCONNECT BOX		
	DED. HOT TUB CIRCUIT (50amp 240y GEI)		
220v 30 AMP GFI	(50amp, 240v GFI) EV CHARGING OUTLET (30amp, 220v GFI)		
	(_ 0000p, ECOV 011)		



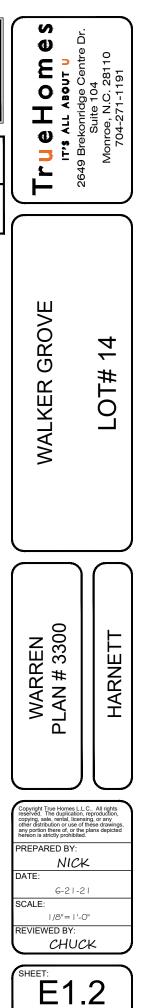
ELEC. NOTICE

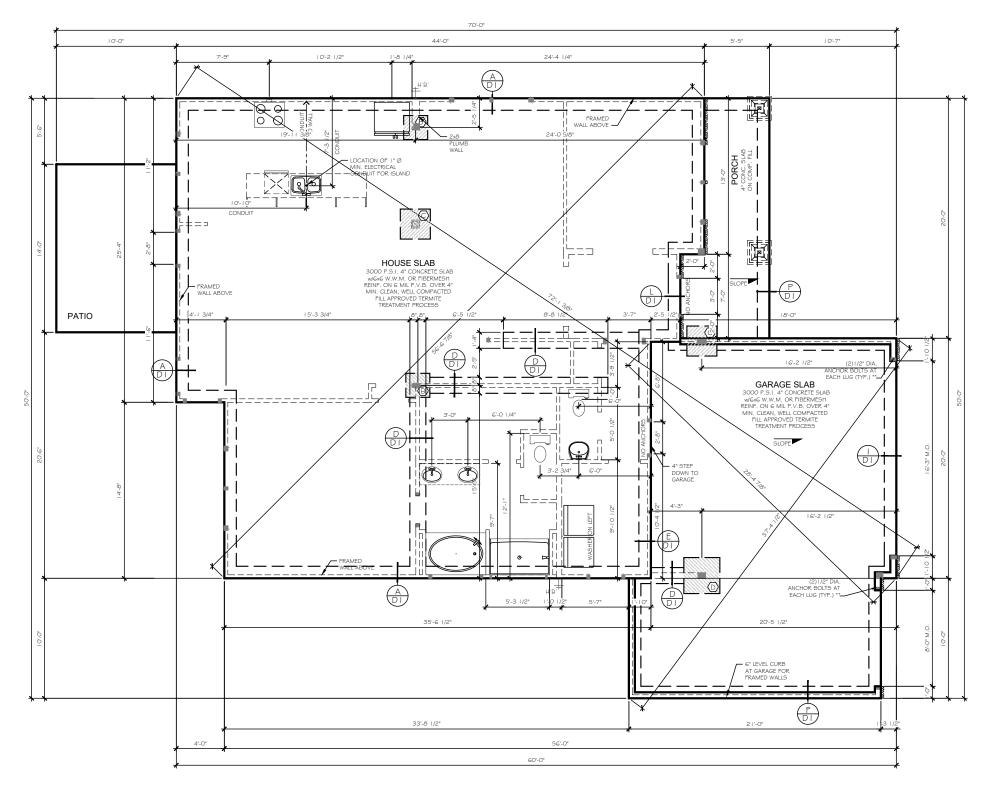
ROOMS WITH WAINSCOT PER SELECTIONS REQUIRE OUTLETS TO BE PLACED 1'-O" FROM CORNER OR CENTERED ON WALL AT STANDARD HEIGHT (U.N.O.).

EXCLUDES HALLWAYS

ELECTRICAL TO BE PLACED PER CODE IN THE FIELD. SEE QUALITY STANDARDS FOR HEIGHTS

PLACE GAS METER MAX 15' AWAY FROM ELECTRICAL METER IF APPLICABALE





MONO SLAB FOUNDATION PLAN

 PAD FOOTING S

 KEYNOTE
 SIZE

 (2)
 18%18"

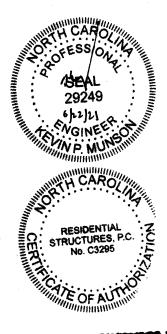
 (2)
 24%24"

 (2)
 30%30"

 (2)
 36%36"

 (2)
 36%60"

 LENGTH x WIDTH TO INC
 36%60"

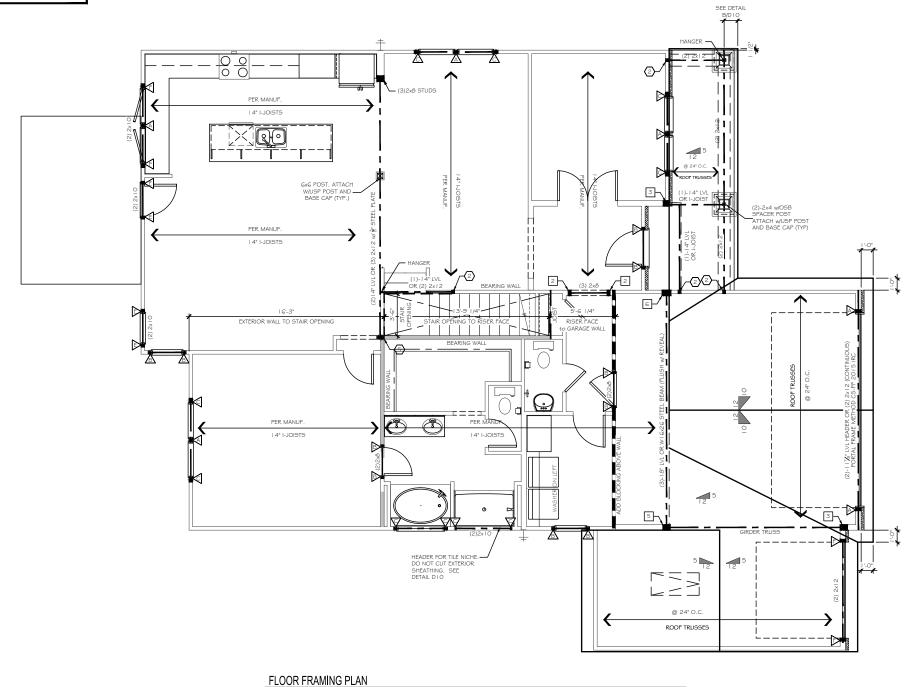


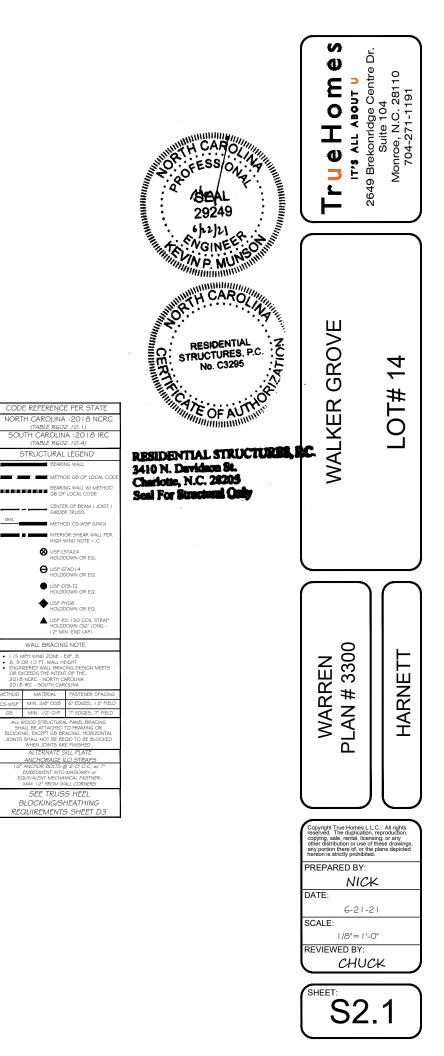
RESIDENTIAL STRUCTURES, RC. 3410 N. Davidson St. Charlotte, N.C. 28205 Seal For Structural Cally

SIZES
8"x8" w/3-#4's E.W.
4"x 2" w/4-#4's E.W.
iO"x 2" w/4-#4's E.W.
6"x 2" w/4-#4's E.W.
8"x 2" w/G-#4's E.W.
0"x 2" w#4's @ 6" O.C. E.W.
H x DEPTH [REBAR REQ'D] ICLUDE SLAB THICKNESS

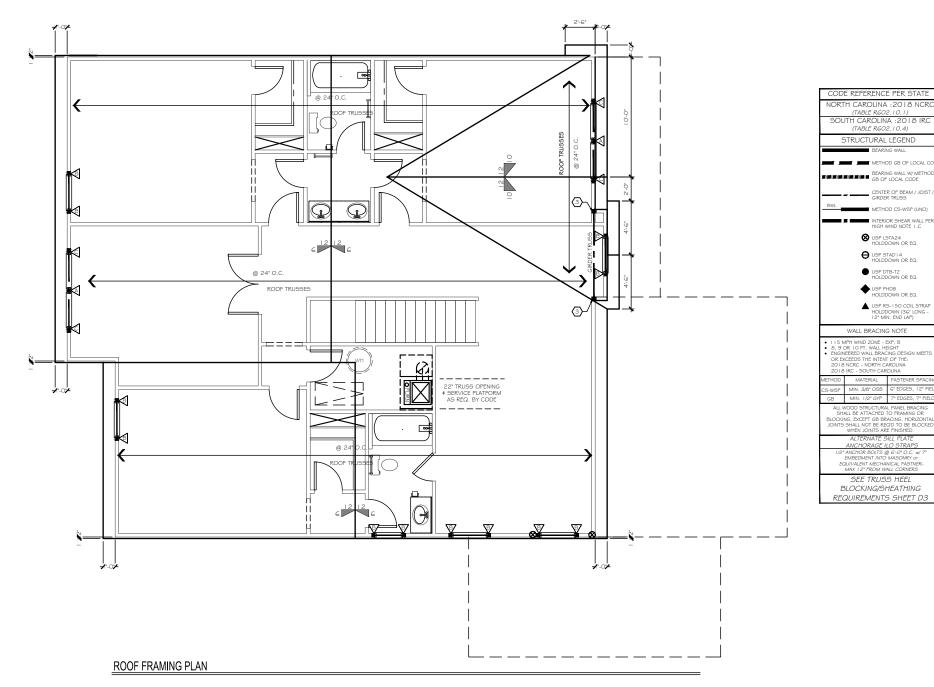
TrueHomes	Suite 104 Nonroe, N.C. 28110 704-271-1191	
WALKER GROVE	LOT# 14	
WARREN PLAN # 3300	HARNETT	
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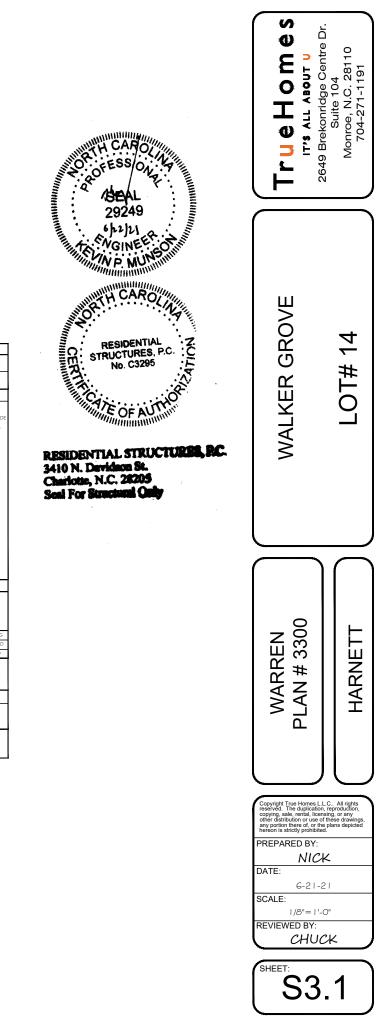
SEE COVER PAGE FOR ROUGH OPENING DIMENSIONS		
KING / JACK STUD	POST SCHEDULE	
SCHEDULE	2x4 STUDS	2x6 STUDS
(2) JACKS	2	2
▲ (1) JACK # (1) KING		
(1) JACK ∉ (2) KINGS	EX: (2) 2X4 EX: (2) 2X6 NUMBER INSIDE CALLOUT INDICATES TOTAL NUMBER OF STUDS.	
▲ (1) JACK # (3) KINGS		
(2) JACKS ∉ (1) KING	4X4 POST	6X6 POST
(2) JACKS ∉ (2) KINGS	(P)	[P]
(3) JACK5 ∉ (3) KING5	LETTER 'P' INSIDE CALLOUT INDICATES A SOLID 4x4 or 6x6 POST	
(4) JACKS ∉ (4) KINGS		





	EE COVER PAGE FOR** GH OPENING DIMENSIONS		
KING / JACK STUD		POST SCHEDULE	
	SCHEDULE	2x4 STUDS	2x6 STUDS
$\underline{\mathbb{A}}$	(2) JACKS	2	2
∕₿	(I) JACK ∉ (I) KING		EX: (2) 2XG
$\underline{\mathbb{A}}$	(1) JACK ∉ (2) KINGS	EX: (2) 2X4 EX: (2) 2X6 NUMBER INSIDE CALLOU INDICATES TOTAL NUMBER OF STUDS.	
∕∆	(1) JACK ∉ (3) KINGS		
A	(2) JACKS ∉ (1) KING	4X4 POST	6X6 POST
A	(2) JACKS \$ (2) KINGS	(P)	P-
A	(2) JACKS ∉ (3) KINGS		
\mathbb{A}	(3) JACKS \$ (3) KINGS	LETTER 'P' INSIDE CALLOUT INDICATES A SOLID 4x4 or 6x6 POST	
\triangle	(4) JACKS \$ (4) KINGS		





RESIDENTIAL FOUNDATIONS: REINFORCING IS TO BE AS NOTED ON PLANS. FOOTINGS ON ORIGINAL SOIL 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
-) INTERIOR THICKENED SLAB FOOTINGS WHICH OCCUR IN BASEMENTS AND "SLAB ON GRADE" FLOORS ARE 10" DEEP BY 16" WIDE WITH 2-#4 REINFORCING BARS RUNNING CONTINUOUSLY UNLESS NOTED OTHERWISE. THICKENED FOOTINGS ARE REQUIRED UNDER ALL BEARING WALLS
-) SHALLOW FOUNDATIONS ARE DESIGNED FOR AN ASSUMED SOTHERWISE NOTED.) 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 CAFACITY 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-638). 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 UNSUITABLE SOIL DEEPER THAN 13 OR WITH WATER IN DRILLED CAISSON HOLES. DRIVE PER NORTH CAROLINA OR SOUTH CAROLINA
- 3) SIZES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.
- 3) SIZED AND REINFORCING FOR FOOLING CAPS OVER CAUSONS OR FILES SHALL BE AS SHOWN ON PLANS.
 4) CHINKEY FOOTINGS ARE TO BE 12' LARGER THAIN THE CHIMMEY FOOTING HAS SHOWN ON PLANS.
 5) FOUNDATION WALLS BACKFILLED WITH DIRT WHICH SUPPORT STRUCTURAL FRAMING SHALL BE CONSTRUCTED AS FOLLOWS:
 A) FOR FARTH FILL UP TO A MAXIMUM HEIGHT OF 4': USE 8' CMU OR 8' BRICK WITH BITUTHENE MEMBRANE WATERPROOFING ON EXTERIOR.
 FOOTINGS ARE TO BE 6'' X 16'' OR '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 IS ACCT INDUC. CRAWL GRDERS AND BAND WITH 4" CURTAIN WALL AND PIER CONSTRUCTION SHALL 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 GRIDERS WITH A MINIMUM OF 3-80 NAILS AT EACH FLOID. LARGER NAILS WILL SPLIT AND RENDER THE TOENAIL INEFFECTIVE. NO END NAILING THROUGH THE GIRDER OR BAND IS PERMITTED.
 III F DROPPED GRIDERS 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 UNIFORMLY DISTRIBUTED OVER THE ENTIRE FLOOR. IF THE GROER NALING 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
- "LAN" 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 V/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 V/2" X 5/16" STEEL ANGLE. LAP 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 REQUIRE 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 FOOTINGS AND 2,500 PSI FOR WALLS, BEAMS, AND COLUMNS, UNLESS NOTED OTHERWISE.) BEFORE PLACING CONCRETE, ALL DEBRIS, WATER AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE PLACES TO BE
- 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 A 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 THE 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 S PREPACKAGED MORTAR MIX WHICH SHALL NOT CONTAIN ANY NON-CEMENTITIOUS FILLERS COMBINED
- WITH NOT MORE THAN THREE PARTS SAND PER ON PART MIX. 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 TO 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 0.1463" IN DIAMETER AT A MINIMUM OF 16" O/C. JOINT REINFORCEMENT IS TO BE INSTALLED IN EVERY OTHER COURSE AND IN TH b) EXECUTION: MASONRY UNITS SHALL BE LAID IN A RUNNING BAND PATTERN UNLESS NOTED OTHERWISE. THE WALLS SHALL BE CARRIED UP
- THE FILLED CELLS AND BOND BEAM BLOCKS OF REINFORCED MASONRY WALLS ARE TO BE FILLED WITH ASTM C476-91, GROUT FOR THE THELE OFFICE AND DOND DAMPEDED OF NEHROR DAMPEDIATE WALLS ARE TO BE THE DAMPED THE OUTSIDE FACE OF THE BOTTOM MASONRY WITH MINIMUM COMPRESSIVE STREESS OF 2,000 PSI AND SLUMP RANGE OR 8* TO 11". THE OUTSIDE FACE OF THE BOTTOM BLOCK OF EACH CELL IS TO BE BROKEN OUT FOR INSPECTION OF REINFORCING AND CLEAN OUT OF MORTAR DROPPINGS IN CELL. 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 MANUFACTURERS DIRECTIONS PLUS DETAILS SHOWN
- ON PLANS. LOAD-BEARING PARTITIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH FLOOR, TRUSSES UNDERSENTIONS, LACKS, BLANDS AND COLUMIN SUFFORS MOST BE DEDID BLOCKED INCOMENTIONS. INCOMENTATIONS, INCOMENTATIO
- 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
- UNLESS NOTED OTHERWISE ON PLANS, ALL EXTERIOR FACING WALL STUDS TALLER THAN 10' SHALL BE CONSTRUCTED AS FOLLOWS: WALLS 10' TO 12' HIGH: BALLOON FRAME 2 X 4 STUDS AT 12" O/C WITH 1/2" 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 2 X 0 1000 NOT 10 0/0 (2 000 SILEMING LEGISLOW VALUE) NOT 10 NOT 10
- 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. IOCATE THE BEAM NEAR MID-HEIGHT OF THE WALLA TO R NEAR FIRST FLOOR TOP PLATE.
 NOTE-SEE SPECIAL DESIGN OR ENGINEER FOR WALLS TALLER THAN 20", WHEN OPENINGS IN HIGH WALLS EXCEED 6" 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
- 2 X 4 @ | 2" O/C 2 X 4 @ | 2" O/C ON LOAD BEARING .
- EXTERIOR WALLS USE 2 X G AT 1 G" O/C WITH 1/2" X 4' X 8' PLYWOOD SHEATHING AT ALL CORNERS AND EVERY 25'; OR USE 2 X 4 AT 1 2" 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

- 3 studs under L.V.L. beams ∉ 2 studs ►
- (a) A ALL EXTERIOR DIAGONAL WALL PARLES, EACH PARLE SHALLED TO EACH ADJACENT PARLE WITH 5-TOD NAIES ON THEO TOGETHER.
 WITH METAL STRIPPING NALED AT FOUR LOCATIONS BETWEEN FLOORES WITH A MINIMUM OF 2-TOD NAIES INTO EACH PARLE AT EACH STRAP. THIS WILL AVOID VERTICAL CRACKING IN PARLEJ JOINTS DUE TO HORIZONTAL OSCILLATING PARLES.
 (19) AT ALL STAIRS, EVERY STUD AT EACH STRINGER MUST BE NAILED TO EACH STRINGER WITH A MINIMUM OF 2-TOD NAILS INTO EACH PARLE AT EACH STRINGER MUST BE NAILED TO EACH STRINGER WITH A MINIMUM OF 2-TOD NAILS. THIS WILL AVOID CRACKING BETWEEN WALLBOARD AND TOP OF BASE MOLDING DUE TO VERTICAL OSCILLATING PARLES.
 (20) ROOF TRUSSES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID OTHER PARLES. 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
- AL 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.
- DIRLES OTHERWISE DEFAULD, ALL STICK-BUILT "FALSE CHIMMENS" 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 STUDS, 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: NOTE-ALL POINT LOADS 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 SHORLES 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

APPLICATION

4) OPEN WEB FLOOR TRUSSES

COLUMNS (LSL) & RIMBOARDS

COLUMNS

SOUTHERN YELLOW PINE

GIRDERS & BEAMS (LVL,PSL) 2,600 COLUMNS (LSL) & RIMBOARDS1,700

) 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
- VITH ADDITIONAL METAL CONNECTORS AS FOLLOWS
- THE LOWER END OF THE RAFTER TO THE TOP PLATE. ALL LOWER ENDS OF VALLEY AND HE MEMBERS WHICH BEAR ON A TOP PLATE USE A SIMPSON HCP OR EQUIVALENT CONNECTOR
- COLLAR TIES SHALL BE 2 X G AT 48" O/C AT ALL RIDGES UNDERS NOTED OTHERWISE AND LOCATED A NOMINAL 3' BELOW THE RIDGE.

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

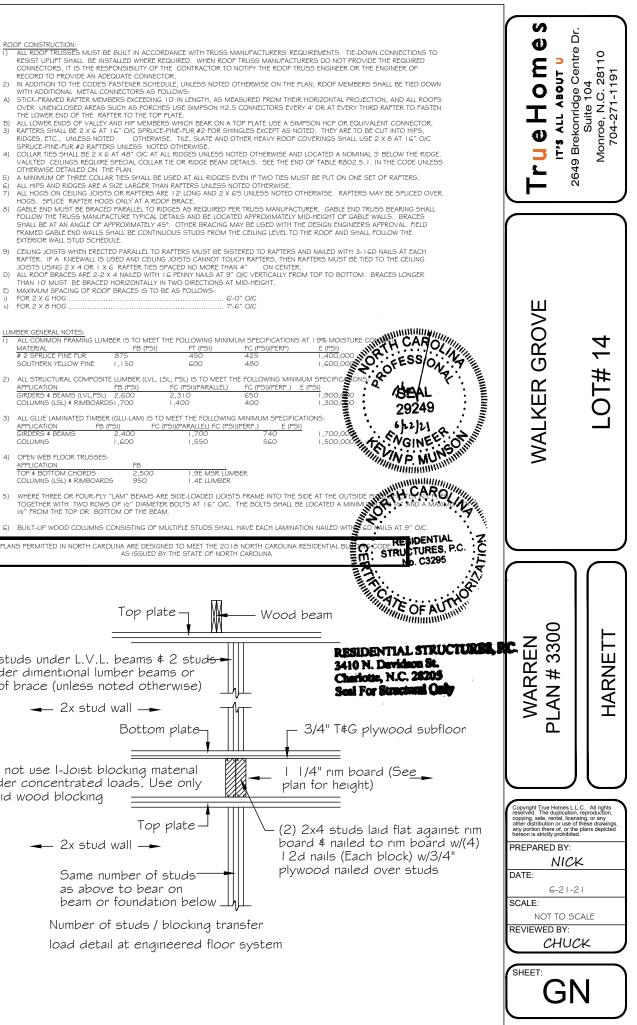
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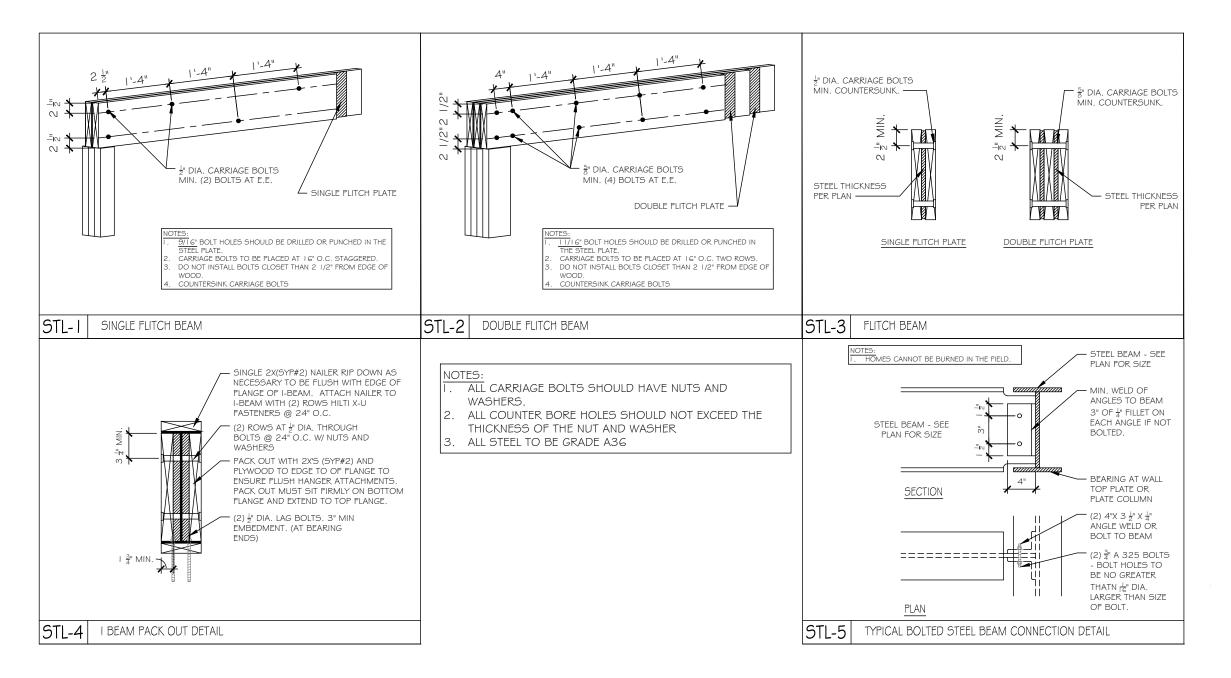
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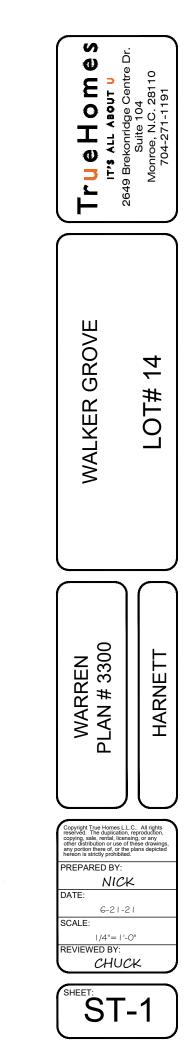
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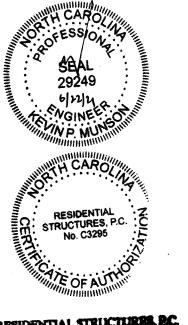
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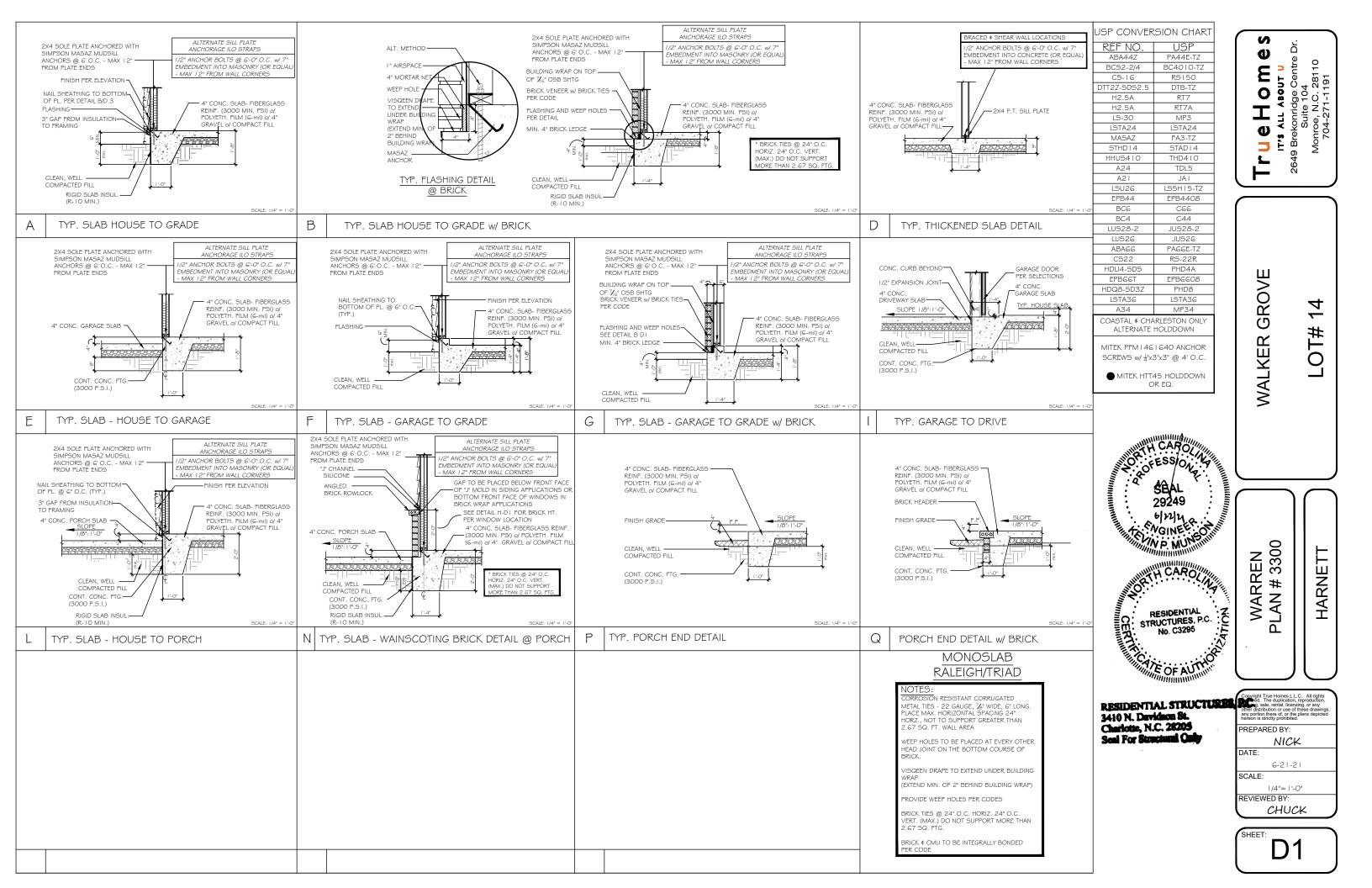


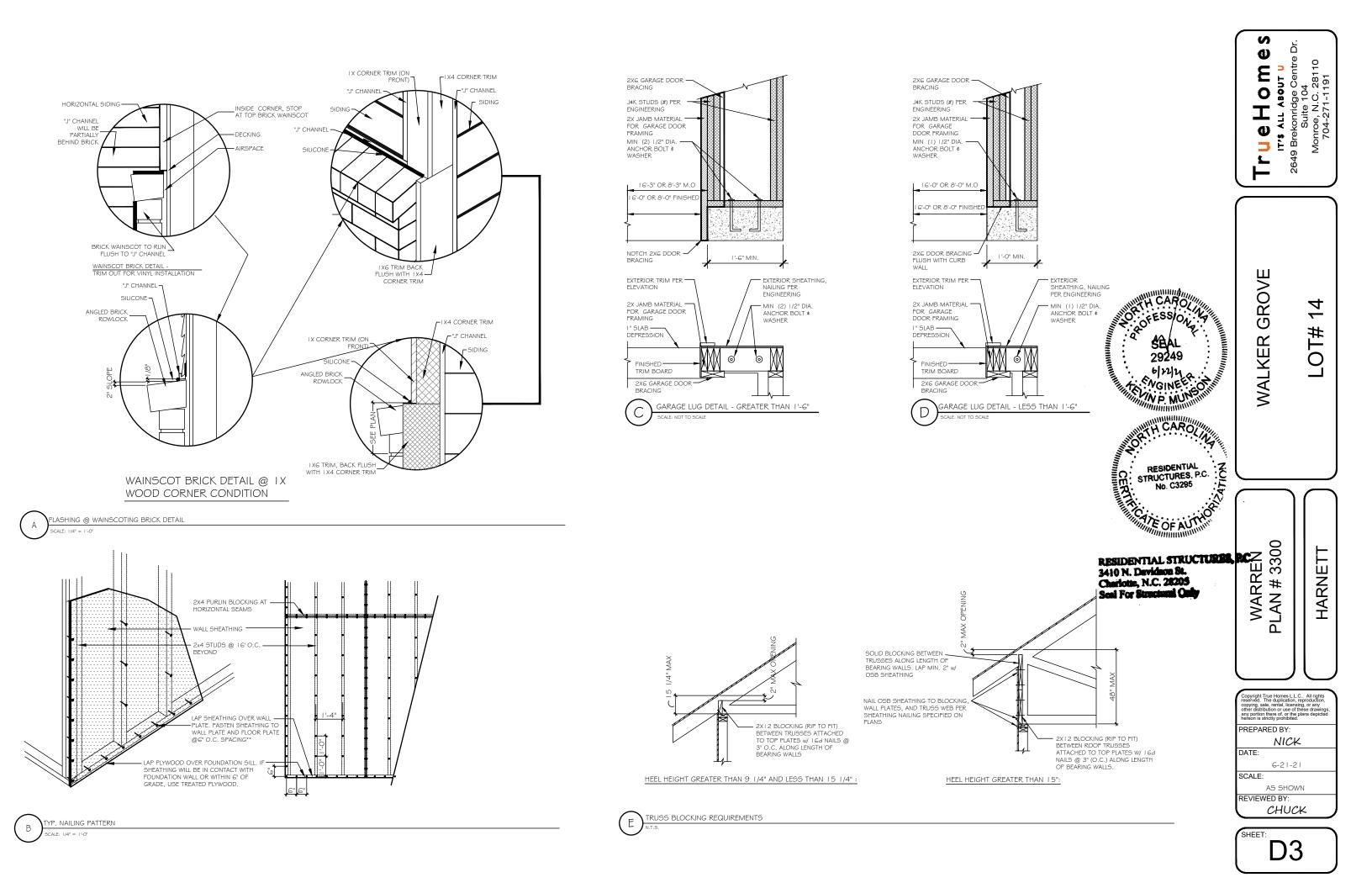


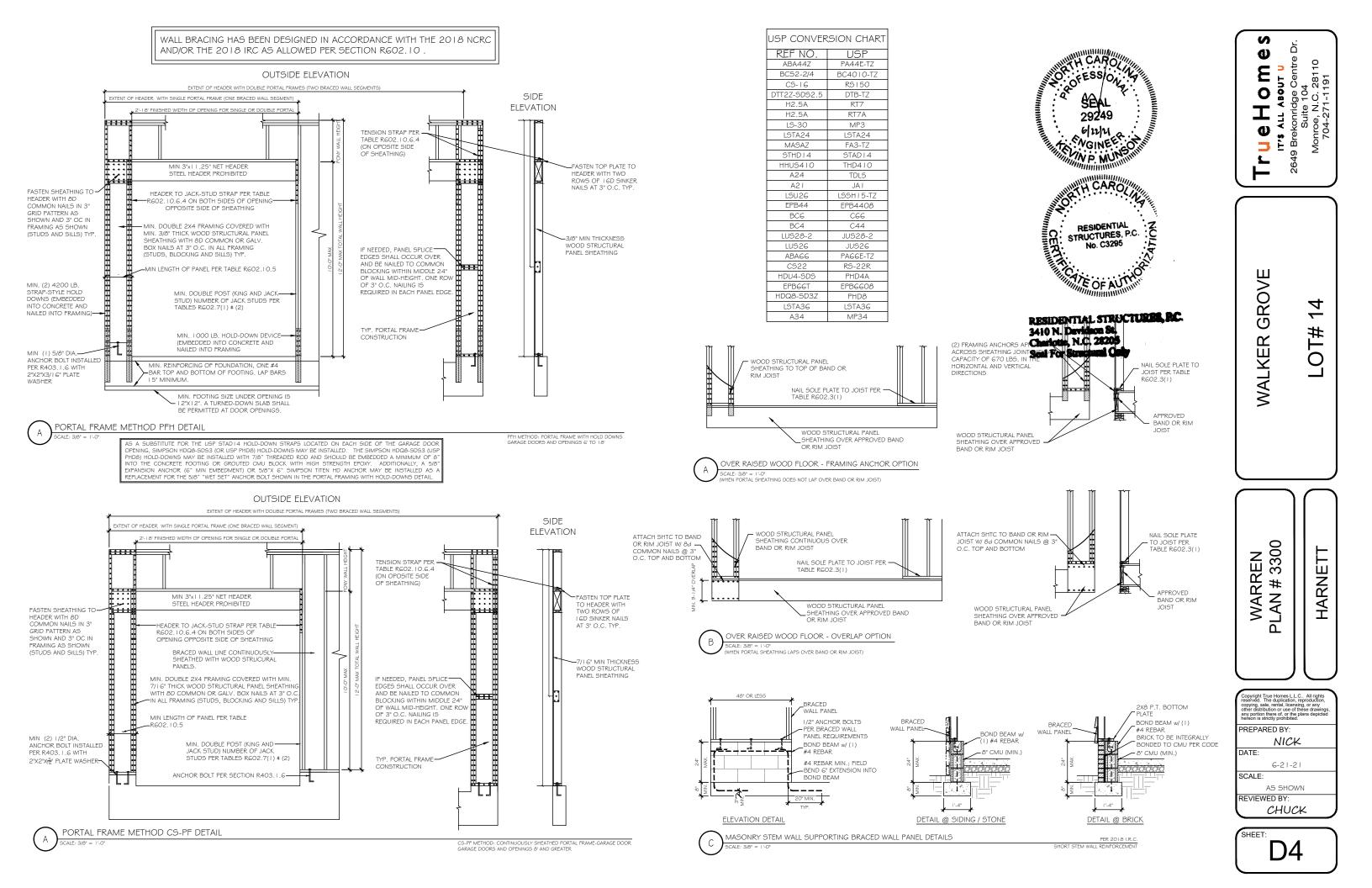


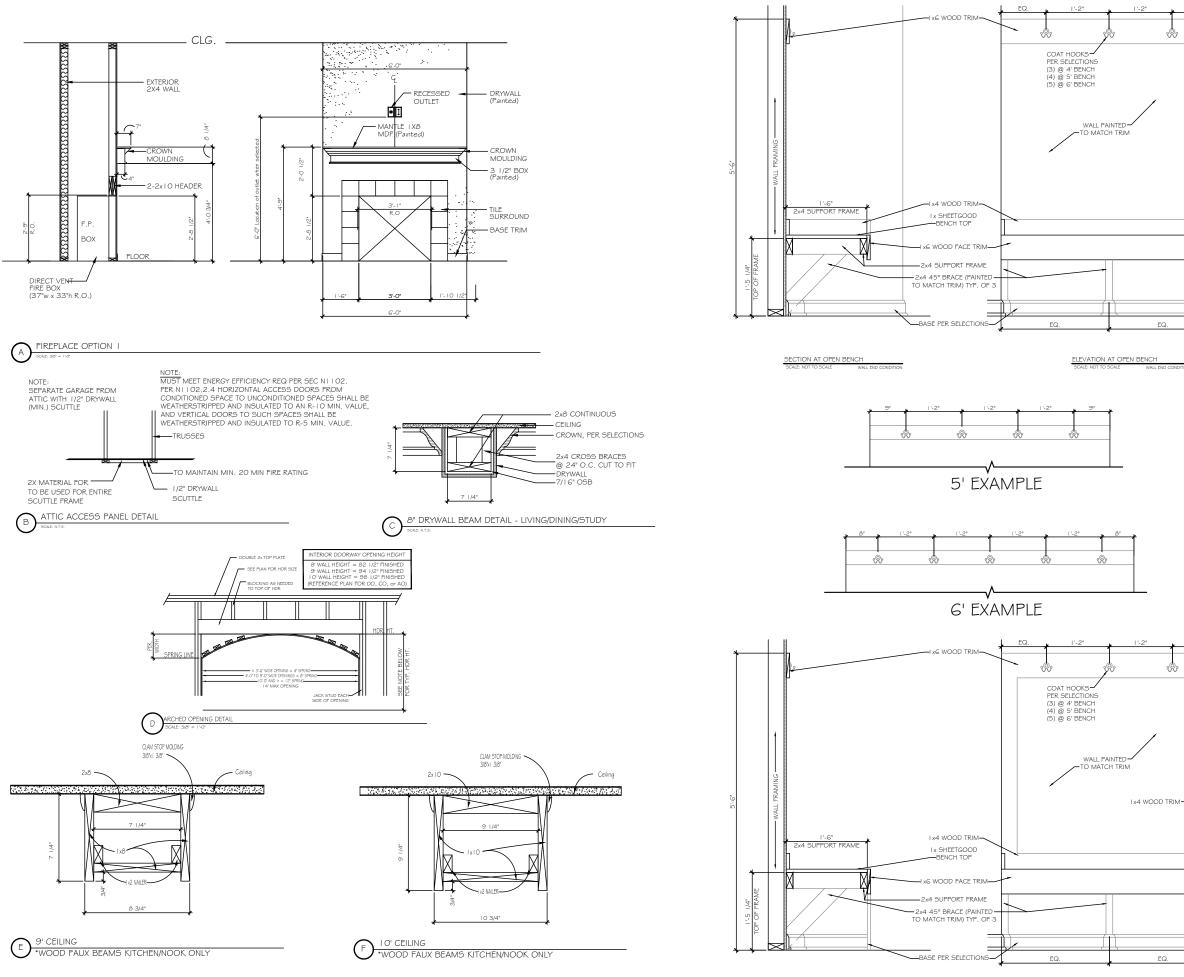


RESIDENTIAL STRUCTURES, P.C. 3410 N. Devideon St. Charlotte, N.C. 28205 Seel For Structural Only









ELEVATION AT OPEN BENCH

SECTION AT OPEN BENCH





