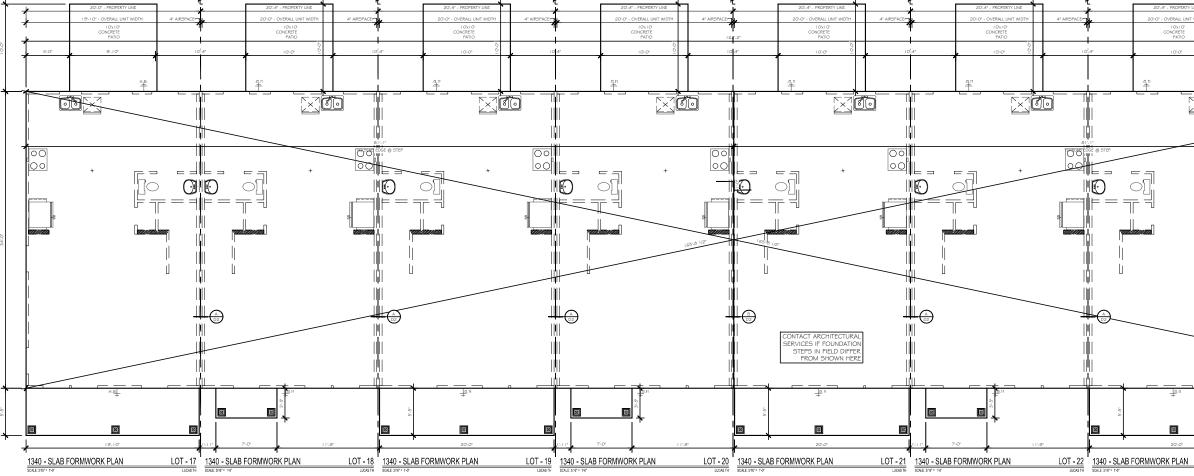
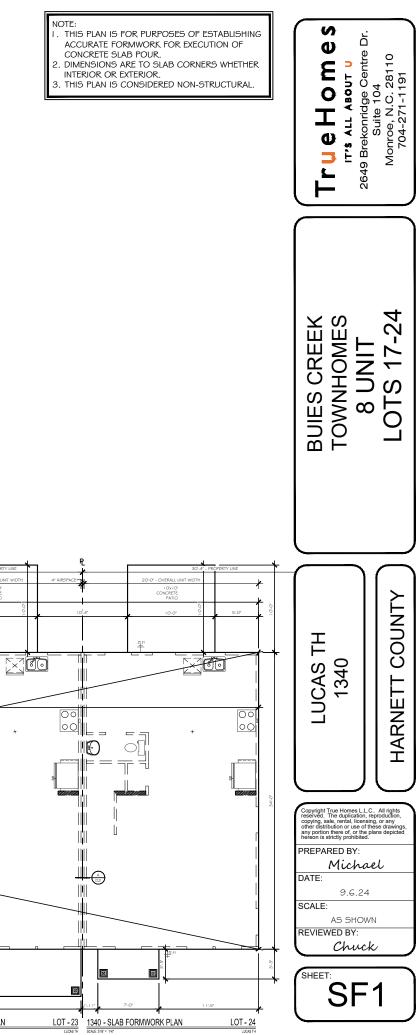
#### TrueHomes **BUIES CR** TOWNHO IT'S ALL ABOUT U **GENERAL NOTES** HEADER SCHEDULE THE 'LUCAS LL INTERIOR BEARING AND EXTERIOR WALLS SPANS 3'-6" -- (2) 2x8's SPANS 3'-6" TO 6'-6" -- (2) 2x10's SPANS 6'-6" OP MODE PLANS PERMITTED IN NORTH CAROLINA ARE DESIGNED TO MEET THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE, AS ISSUED BY THE STATE OF NORTH CAROLINA, AND PLANS PERMITTED IN SOUTH CAROLINA DESIGNED TO MEET 2021 SOUTH (2) 2x10's CAROLINA RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF SOUTH CAROLINA, WITH MODIFICATIONS AS REQUIRED LOTS 17-24 3. SPANS 6'-6" OR MORE -- SEE PLAN INTEG TO MEET LOCAL BUILDING CODES FOR EACH APPLICABLE JURISDICTION. DO NOT SCALE DIMENSIONS FROM PRINTS. USE DIMENSIONS GIVEN OR CONSULT ARCHITECTURAL SERVICES DEPARTMENT \*\* SOUTH CAROLINA SPECIFIC NOTE \*\* FOR FURTHER CLARIFICATION. ALL OPENINGS IN THERMAL ENVELOPE MUST HELP HO ALL DIMENSIONS ARE FROM WALL FRAMING (FACE OF STUD), NO FINISHED DIMENSIONS ARE GIVEN U.N.O. HAVE INSULATED HEADER PER CODE ADDRESS ALL INTERIOR NON-LOAD BEARING WALLS TO BE 2x4 STUDS @ 24" O.C. (U.N.O.). OR AS SPECIFIED PER COMMUNITY SPECS \$ "WHEN IN DOUBT, GI EXTERIOR HINGED MUNICIPALITY REQUIREMENTS. LILLINGTON, NC ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON MASONRY OR CONCRETE TRUE BU DOOR SCHEDULE SHALL BE TREATED. ALL WOOD IN CONTACT WITH THE GROUND MUST BE GROUND-CONTACT APPROVED. ALL WOOD (To be filled in by EXPOSED DIRECTLY TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCCURRENCE OF ROT. DOOR HEIGHT R O DOOR WIDTH ALL ANGLED WALLS ARE AT 45 DEGREES UNLESS NOTED OTHERWISE. PLAN R.O. I.D. WIDTH 8FT 9FT I OFT CEILING CEILING CEILING COMMUNITY SPECS NAME: REFER TO QUALITY STANDARDS AND/OR MANUFACTURER SPECS FOR WINDOW ROUGH OPENING SIZES. SEE ELEVATIONS FOR WINDOW HEADER HEIGHTS (U.N.O.). 3/0 3'-2 1/2" ( Detailed listing of all Community Specifications PROVIDE BLOCKING ABOVE WINDOWS AND DOORS 16" O.C. 2/8 2'-10 1/2" can be found in Showroom Selections ) NUMBER: PROVIDE EXTRA STUDS AS INDICATED AT BEAM BEARING LOCATIONS. 2 2 2 5/0 5'-3 5/8" IO. WALLS TO BE FRAMED WITH STUDS AT IG" O.C. AT KITCHEN & BATH WALLS WITH CABINETS AND AT TUB/SHOWER LOCATIONS 82--96-MONO FOUNDATION w/ INSULATION 82-(PFR MANUE) 5/4 5'-7 5/8" VINYL SIDING ARCHITECTURA ALL COMMON CEILING BETWEEN GARAGE TO HOUSE PROVIDE 5/8" TYPE X GWB PER GARAGE SEPARATION REQUIREMENTS PER 6/0 6'-3 5/8" CEMENT SOFFIT CODE. ALL JOINTS TO BE TAPED & MUDDED FOR FIRE SEPARATION. ALL STRUCTURES SUPPORTING FLOOR/CEILING Missing or Conflict SLIDING PATIO DOORS CEMENT PORCH CEILINGS ASSEMBLIES USED FOR SEPARATION REQUIRE NOT LESS THAN 1" GYP OR EQ. PER SECTION R302.6 Plan Legibility ALUMINUM COIL WRAPPED 6" FASCIA 2. SEPARATE GARAGE FROM ATTIC WITH 5/8" TYPE X GWB SCUTTLE MINIMUM AND 2X SCUTTLE FRAMING MATERIAL 5/0 4'-11 1/2" Missing Options 000 0g 96 HVAC LOCATION REAR HEEL HEIGHTS: SEE ELEVATIONS SHEETS FOR TOP OF FASCIA DIMENSIONS TO GATHER PROPER HEEL HEIGHT REQUIREMENTS 6/0 5'-11 1/2' Mon-Fri: 8am - 5pm 14. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS AS REQUIRED BY CHARLOTTE MKTS: 70-NATIONAL FIRE PROTECTION ASSOCIATION AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES AND PER ALL OTHER MKTS: 704 MANUFACTURER SPECS **INTERIOR HINGED** E-mail: CADISSUE@true 15. PROVIDE 1 1/2" FLAT WALL FRAMING FOR ALL HVAC CHASES UNLESS NOTED OTHERWISE. SEE FRAMING SHEET GN FOR ADDITIONAL NOTES PER LOCAL CODES. DOOR SCHEDULE ESTIMA<sup>®</sup> 6. TYPICAL DOOR OFFSET FROM PERPENDICULAR WALL U.N.O. = 4" FOR ANSWER, INTEGRITY, ELEMENTS, \$ TRIBUTE OR DOOR WIDTH DOOR HEIGHT R.O. TYPICAL DOOR OFFSET FROM PERPENDICULAR WALL U.N.O. = G'' FOR TRADITIONS COLLECTION OR Missing Material of PLAN R.O. I.D. WIDTH 8FT 9FT CEILING CEILING I OFT CEILING DOOR OFFSET CENTERED IN THE WALL UNLESS NOTED OTHERWISE Purchase Order Q ALL HOMES TREATED WITH BORA-CARE TERMITE TREATMENT. 1/4 1'-6" 18. SMURF DOORS ARE 21 1/2" x 39" NOMINAL (R.O. 22 1/2" x 40"). Mon-Fri: 8am - 5pm 1/6 1'-8" 19. DIMENSION AND NOTATIONS ON PLANS HAVE PREFERENCE OVER GRAPHIC DEPICTIONS AND SHOULD BE UTILIZED TO SETTLE ALL MKTS: 704-681-4 Å ANY DISCREPANCIES - ANY DISCREPANCIES FOUND SHOULD BE FORWARDED TO THE ARCHITECTURAL SERVICES DEPARTMENT FOR RESOLUTION. (ATTN: TRUE HOMES FIELD ASSOC. IF YOU HAVE READ THIS FAR. PLEASE CALL CAD HOTLINE FOR PRIZE) TYPICAL FOUNDATION AND ENGINEERING CONSTRUCTION DETAILS ARE SHOWN IN RESPECTIVE PLANS. TYPICAL DETAILS SHALL APPLY TO ALL SITUATIONS OCCURRING ON THE PLAN THAT ARE THE SAME OR SIMILAR TO THOSE SPECIALLY DETAILED. THE ς + τ<sup>ν</sup> CARO 1/8 1'-10" 2/0 2'-2" LESSIO 2/4 2'-6" 98-1/2" DOOR F 19EAL 2/6 82-1/2" DOOR H APPLICABLY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH 2'-8" 82-1/2 DOOR 1 DETAILS SHALL APPLY WITHER OR NOT THEY ARE REFERENCED AT EACH LOCATION. 2/8 2'-10" 21. ALL CONSTRUCTION SPECIFICATION NOT COVERED ON THIS SHEET, OR IN PLAN SETS AND GENERAL SPECIFICATIONS, ARE TO 29249 2/10 3'-0" 09/30/2024 MEET ALL APPLICABLE STATE AND LOCAL BUILDING CODES. 91161.4 22. HOUSE CONSTRUCTION IS TYPICAL 2X4 STUDS AT 16" O.C. AT ALL EXTERIOR WALLS UNLESS OTHERWISE NOTED. WALLS THAT 3/0 3'-2" WGINEEP ARE TO BE BALLOON FRAMED OR CONSTRUCTED WITH 2XG STUDS WILL BE NOTED AS SUCH. ALL BASEMENT FRAMED WALLS 4/0 4'-2" TO BE 2X4 STUDS FOR ONE-STORY PLANS AND 2X6 STUDS FOR LOAD BEARING WALLS ON TWO-STORY PLANS UNLESS WP MU 5/0 5'-2" OTHERWISE NOTED. ē 23. TRUE HOMES RESERVES THE RIGHT TO MAKE MODIFICATIONS TO FLOOR PLANS, DIMENSIONS, MATERIALS, AND 6/0 6'-2" SPECIFICATIONS WITHOUT NOTICE. THESE DRAWINGS ARE FOR THE PURPOSE OF CONVEYING AN ARCHITECTURAL CONCEPT LOAD BEARING ONLY NON-LOAD BEARING **REVISION LOG INTERIOR PASS** RESIDENTIAL STRUCTURES, P.C. C No. C3295 **DESIGN CRITERIA** THRU SCHEDULE DATE DRAWN BY: CEA DESIGN LOADS ARE ALL DEAD LOADS PLUS: FRAMED OPENING DIMENSIONS WALL Α. R.O. WIDTH R.O. HEIGHT Β. PLAN I.D. +2" 8'-1 1/8" 82-1/2" BALCONIES..... С SOFAU 2. DATE: DRAWN BY D. ATTIC FLOOR LIVE LOADING WITH THE 9'-1 1/8" 94-1/2" PLAN I.D. +2" FOLLOWING: 0'-1 1/8" PLAN I.D. +2" 98-1/2" AREA ACCESSIBLE BY SQ. FOO ROUGH OPENING HEIGHTS ARE FOR DO, CO, STAIRS......40 PSF RESIDENTIAL STRUCTURES, BC. AO OPENINGS. SHIM HEIGHTS AS NEEDED T ROOF SLOPES >3:12.....20 PSF ÖWER LEVEL 3. DATE: DRAWN BY 3410 N. Devideon St. MATCH INTERIOR HINGED DOOR CASING ROOF SLOPES <3:12.....10 PSF Charlotte, N.C. 20205 JPPER LEVEL INTERIOR DOORWAY OPENINGS: Seal For Structural On WIND LOAD..... I 20 MPH DO = DRYWALL OPENING TOTAL LIVABLE CO = CASED OPENINGG. 4 DATE SEISMIC ZONE......B DRAWN BY: FRONT PORCH (FULL) AO = ARCHED OPENING Н DESIGN IS COMPLIANT WITH 2018 NCRC FRONT PORCH (PARTIAL) ENERGY CODE N I 102.2 PRESCRIPTIVE FOR REAR PATIO CLIMATE ZONE 4A

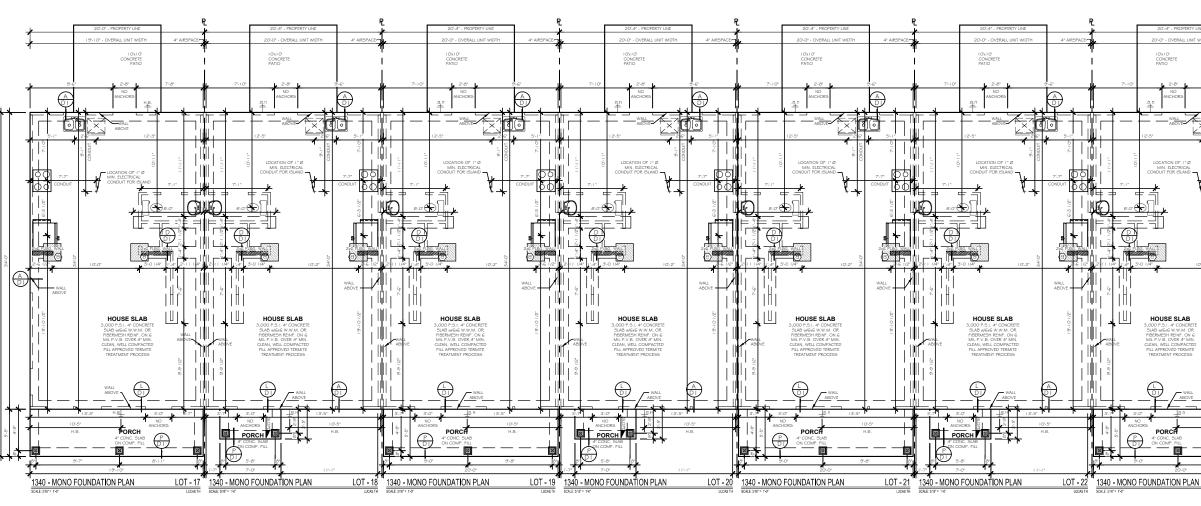
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IVE US A SHOUT"	CS	COVER SHEET
ILDER:	SFI	SLAB FORMWORK PLAN
Builder on site)	51	MONO FOUNDATION PLAN
	52	LOWER LEVEL FRAMING PLAN
	52.1	LOWER LEVEL BRACED WALL PLAN
	53	UPPER LEVEL FRAMING PLAN
AL SERVICES:	53.1	UPPER LEVEL BRACED WALL PLAN
ting Dimensions	AI	LOWER LEVEL FLOOR PLAN
	A2	UPPER LEVEL FLOOR PLAN
	A4.1	FRONT ELEVATIONS
14-681-2032 1-993-1861	A4.2	REAR ELEVATIONS
ehomesusa.com	ΕI	LOWER LEVEL ELECTRICAL PLAN
TING:	E2	UPPER LEVEL ELECTRICAL PLAN
or Shortage Vestions	DI	MONO FOUNDATION DETAILS
	D2	AREA SEPARATION WALL DETAILS
4916	D3	UL RATED WALL DETAILS
	D4	DOOR / WINDOW DETAILS
62	D5	FLASHING DETAILS
Harnett	D5.1	STAIR DETAILS
COUNTY NORTH CAROLINA	D5.2	STAIR DETAILS
	D5.3	STAIR DETAILS
	DG	FRAMING DETAILS
	D7	MISC. DETAILS
	D8	GENERAL NOTES
	D9 D10	GENERAL NOTES
	DI1 DI2	EXTERIOR SPECIFIC DETAILS
	DI3	STAIR SECTIONS & MISC. DETAILS
	DI4	PORTAL FRAME DETAILS
TAGE		
680 SQ.FT.		
680 SQ.FT.		
1360 SQ.FT.		
108 SQ.FT.		
24 SQ.FT.		
100 SQ.FT.		

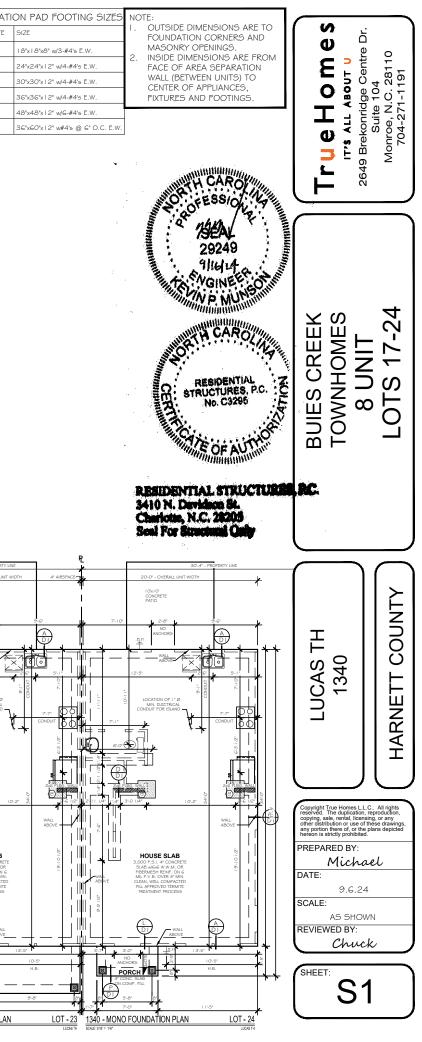
TrueHomes IT's ALL ABOUT U 2649 Brekonridge Centre Dr.	Monroe, N.C. 28110 704-271-1191
BUIES CREEK TOWNHOMES 8 UNIT	LOTS 17-24
LUCAS TH 1340	
Copyright True Homes L.I.C. reserved. The duplication, rep copyrig, sale, rental, licensing, other distribution or use of these any portion they are of these any portion they prohibited. PREPARED BY: <u>Michael</u> DATE: 9.6.24 SCALE: <u>AS SHOWN</u> REVIEWED BY: <u>Churck</u> SHEET:	



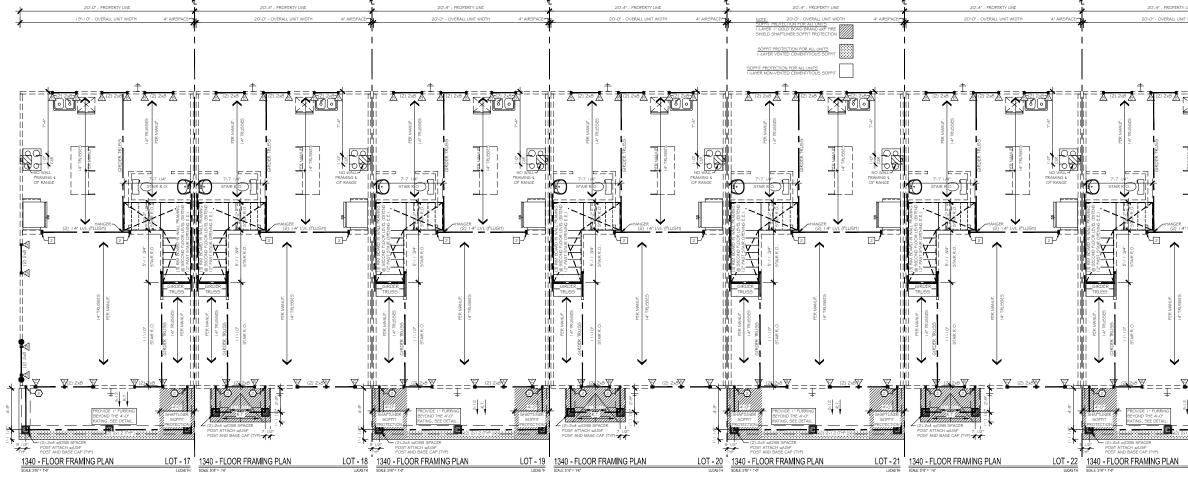


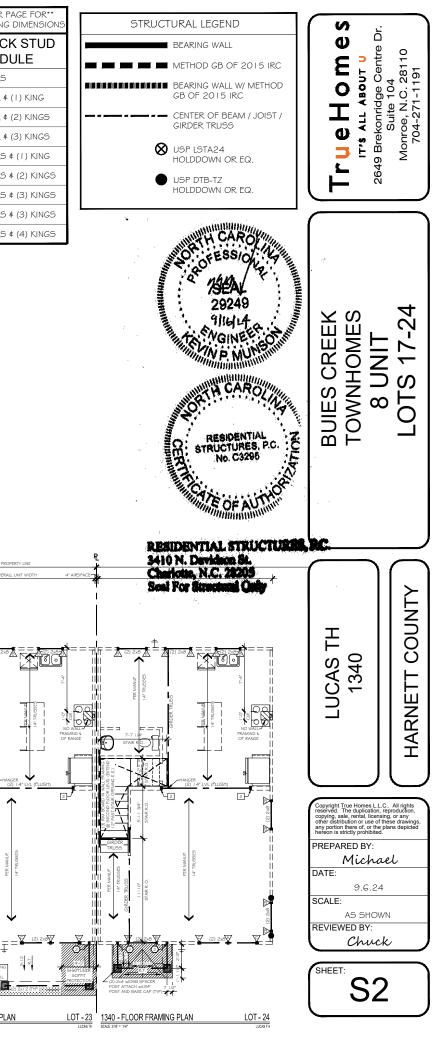
FOUNDAT
KEYNOTE
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POST SC	HEDULE		EE COVER PAGE GH OPENING DIM
2x4 STUDS	2x6 STUDS	KIN	IG / JACK S SCHEDULI
₩ EX: (2) 2X4	EX: (2) 2X6	$\mathbb{A}$	(2) JACKS
		$\mathbb{A}$	(I) JACK ∉ (I) K
	DF STUDS.	$\land$	(I) JACK & (2) K
4X4 POST	6X6 POST	∕∆	(I) JACK & (3) K
	P	Æ	(2) JACKS ¢ (1)
à	$\bowtie$	A	(2) JACKS \$ (2)
CALLOUT IN	P' INSIDE NDICATES A	$\bigtriangleup$	(2) JACKS ¢ (3)
SOLID 4x4 d	or 6x6 POST	A	(3) JACKS \$ (3)
		$\triangle$	(4) JACKS ¢ (4)

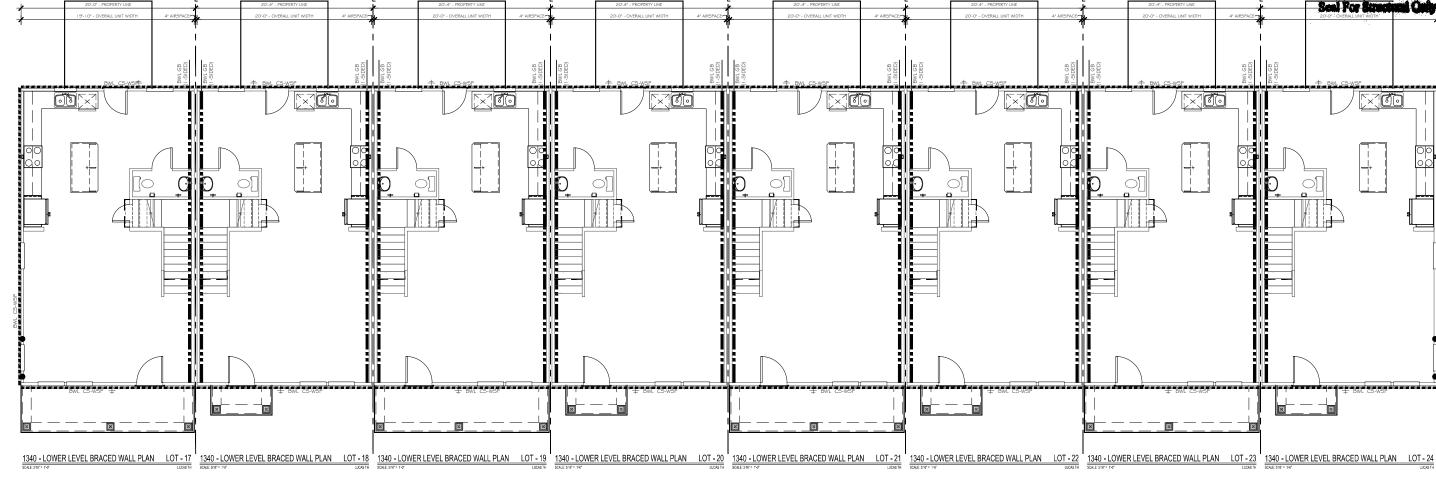


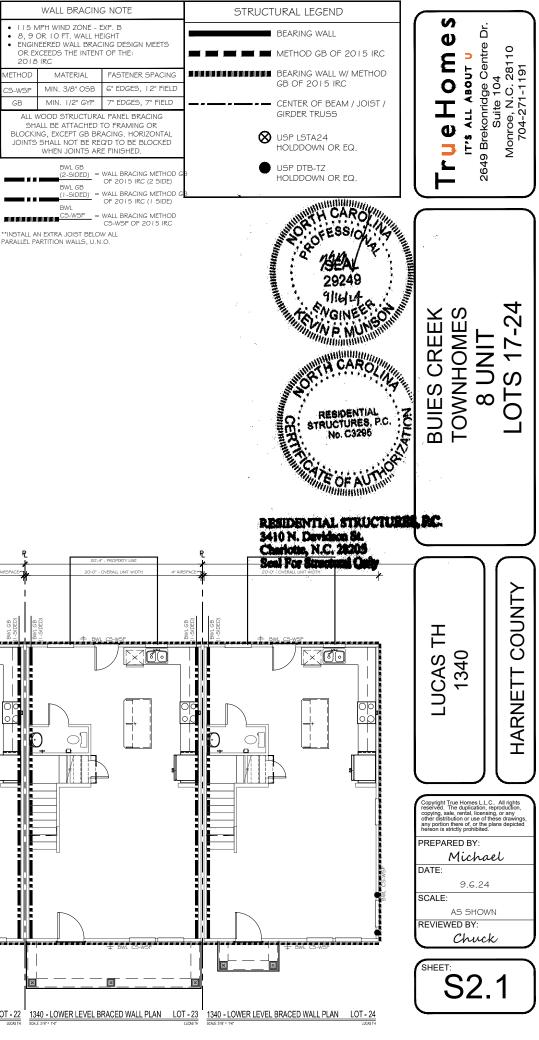


WALL BRACING NOTES:	
THIS STRUCTURE HAS BEEN ANALYZED BY A PROFESSIONAL ENGINEER FOR LATERAL LOADING. IT HAS BEEN DESIGNED USING CONTINOUSLY SHEATHED 7/16" OSB SHEATHING, FASTENED AT 6" O.C. ALONG THE EDGES AND 12" O.C. ALONG THE INTERIOR (w/6d common nails or 8d-2 ½" long x 0.113"diameter-nails) TO MEET OR EXCEED THE INTERN TO THE 2018 NC RESIDENTIAL BUILDING CODE.	115 N     8, 9     ENGIN     OR E     2018
BLOCKING SHALL BE PROVDED AT ALL PANEL EDGES. All INTERIOR	METHOD
WALLS (WHERE NOTED) SHOULD BE METHOD GB AND FASTENED WITH 5d COOLER NAILS OR #6 SCREWS AT 7" ALONG THE EDGES	CS-WSP
AND 7" FIELD. All INTERIOR COMMON WALLS (PARTY WALLS)	GB
SHOULD BE METHOD GB 1-SIDE FASTENED WITH 5d COOLER NAILS OR #6 SCREWS AT 7" ALONG THE EDGES AND 7" FIELD. ANY METHODS THAT DEVIATE FROM THE ABOVE ARE NOTED ON THE PLAN SET. WHERE WALL LINES REQUIRE FURTHER REINFORCEMENT, ADDITIONAL BRACING METHODS, ENGINEERED WALL SECTIONS AND HOLD DOWNS HAVE BEEN INCLUDED TO RESIST THE LATERAL LOADS. CONTINUITY TO BE PROVIDED BETWEEN UNITS.	ALL V SH BLOCKI JOINTS

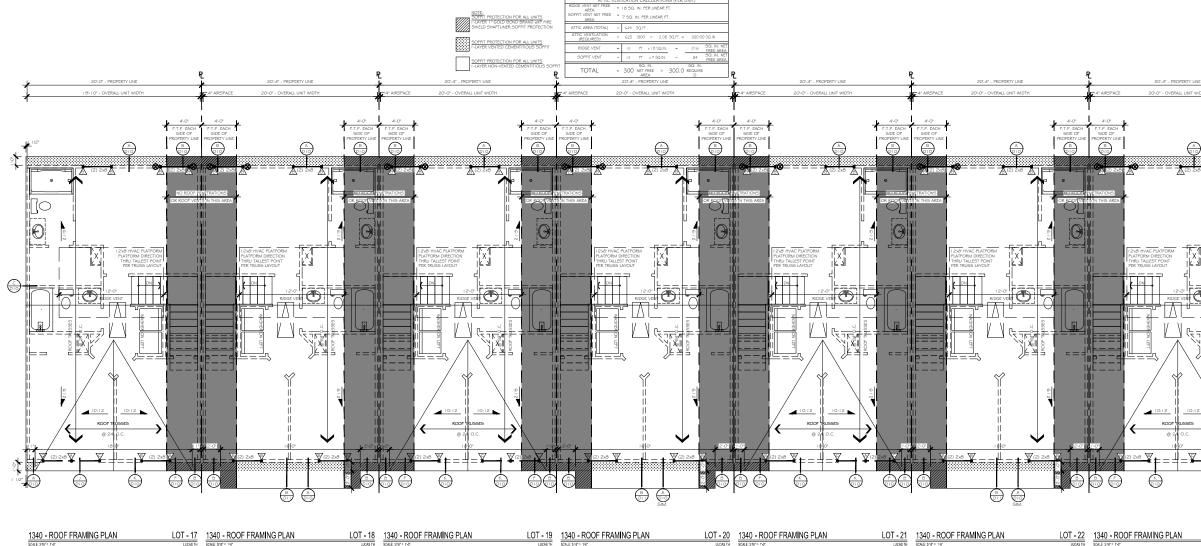
	WALL BRACING	g note				
<ul> <li>8,90</li> <li>ENGIN</li> </ul>	IPH WIND ZONE - E DR I O FT. WALL HE IEERED WALL BRAC ICEEDS THE INTENT IRC	EIGHT SING DESI				
METHOD	MATERIAL	FASTEN				
CS-WSP	CS-WSP MIN. 3/8" OSB					
GB	GB MIN. 1/2" GYP					
SH/ BLOCKI	VOOD STRUCTURA ALL BE ATTACHED 1 NG, EXCEPT GB BR SHALL NOT BE REG WHEN JOINTS AR	TO FRAMI ACING. H Q'D TO BI				
	BWL GB (I-SIDED) = BWL	WALL BRAY OF 2015 WALL BRAY OF 2015				

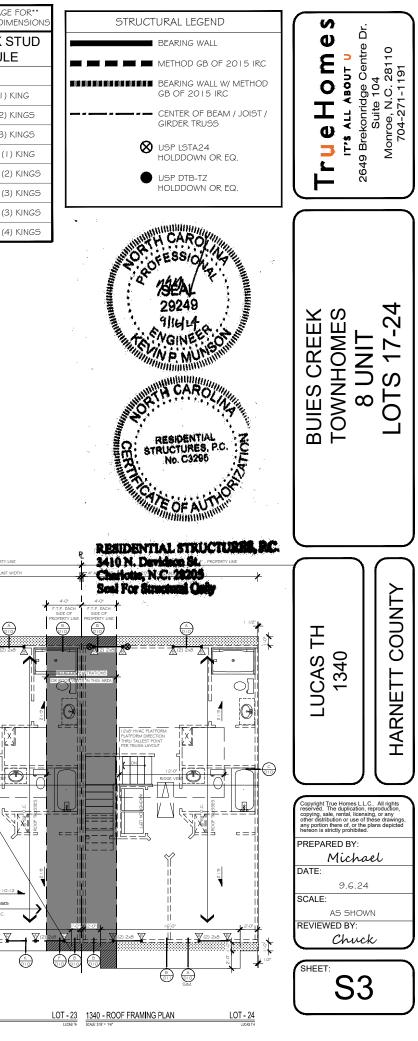
\*\*INSTALL AN EXTRA JOIST BELOW ALL PARALLEL PARTITION WALLS, U.N.O.





	POST SC		**SEE COVER PAGE ROUGH OPENING DIM			
	2x4 STUDS	2x6 STUDS	KIN	IG / JACK S SCHEDULI		
	₩ EX: (2) 2X4	₩ EX: (2) 2XG	$\mathbb{A}$	(2) JACKS		
			$\mathbb{A}$	( ) JACK & ( ) K		
		DF STUDS.	$\land$	(I) JACK & (2) K		
	4X4 POST	6X6 POST	∕∆	(I) JACK & (3) K		
	(P)	P	Æ	(2) JACKS \$ (1)		
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	CALLOUT IN	P' INSIDE IDICATES A	A	(2) JACKS ¢ (3)		
ļ	SOLID 4x4 d	or 6x6 POST	A	(3) JACKS \$ (3)		
			$\triangle$	(4) JACKS \$ (4)		

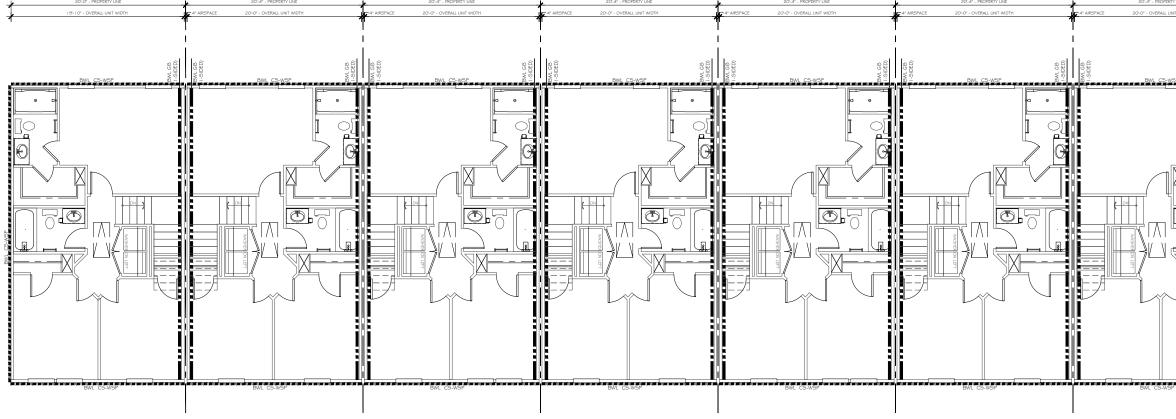


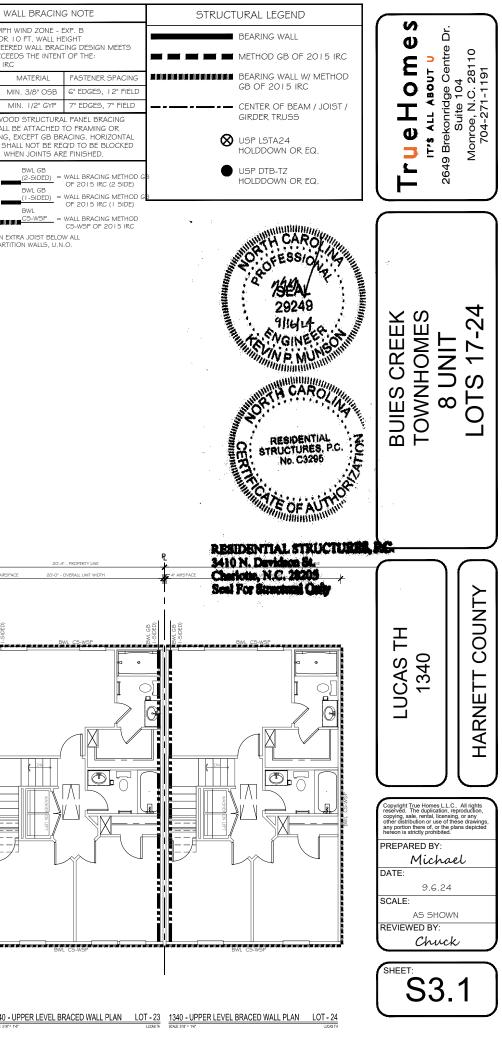


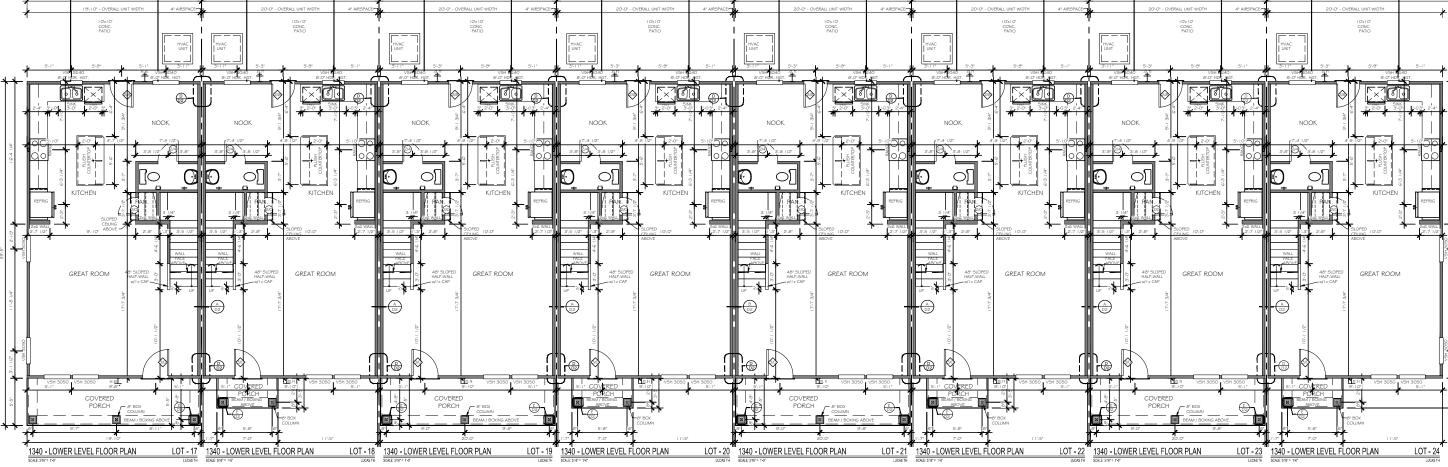
WALL BRACING NOTES:		V
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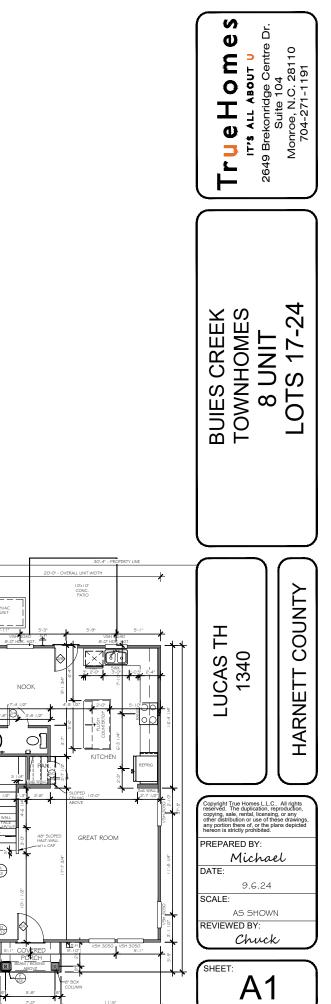
• 8,90 • ENGIN	IPH WIND ZONE - E DR 10 PT. WALL HE IEERED WALL BRAC (CEEDS THE INTENT IRC	EIGHT
METHOD	MATERIAL	FASTER
CS-WSP	MIN. 3/8" OSB	6" EDG
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	BWL GB (I-SIDED) = BWL CS-WSP =	WALL BRA OF 2015 WALL BRA OF 2015 WALL BRA
الكرا كر الكرا كر الكرا كر		CS-WSP

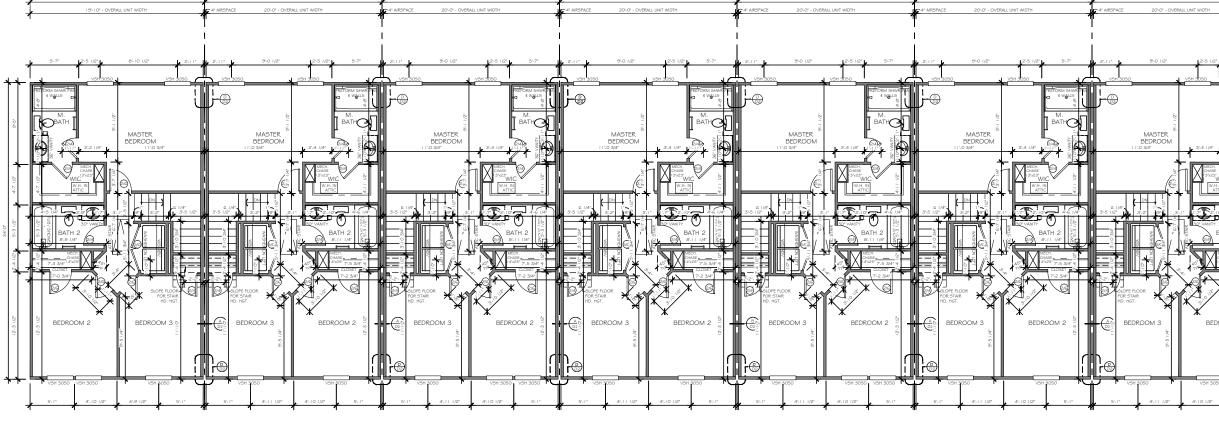
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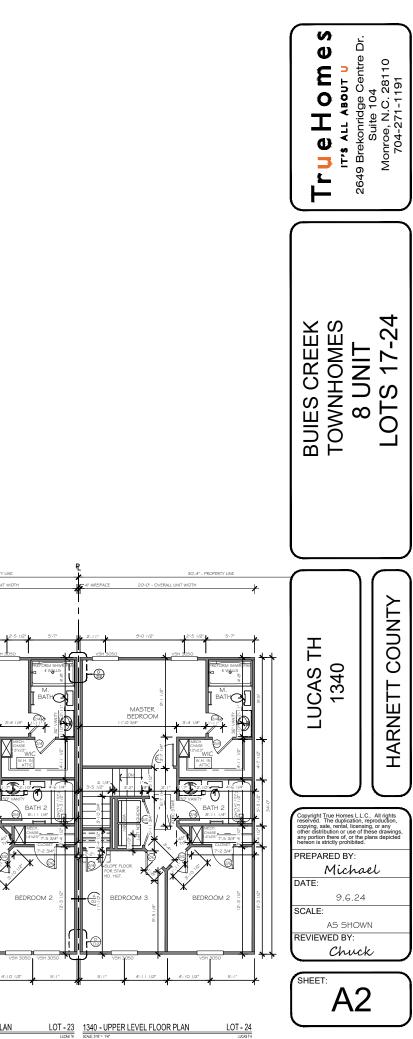


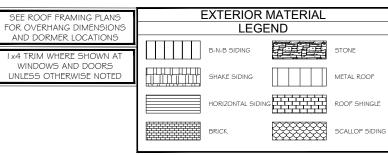


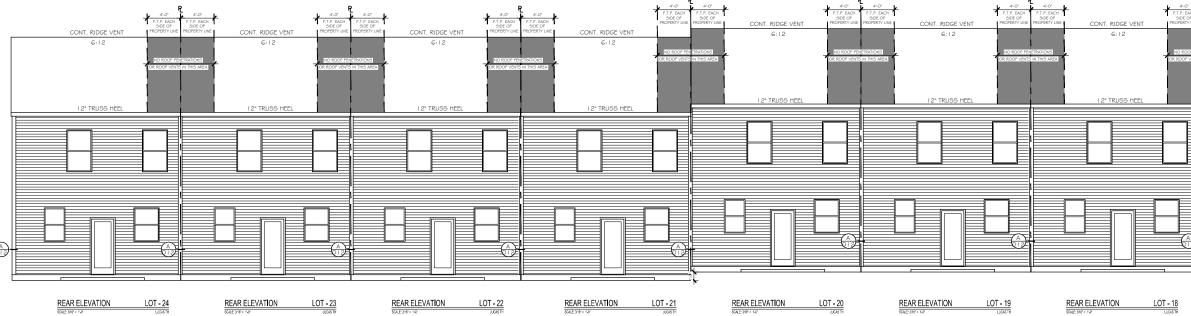




1340 - UPPER LEVEL FLOOR PLAN LOT - 17 LUCAS TH 3GALE 3140 - UPPER LEVEL FLOOR PLAN SGALE 3147 = 1147 LOT - 18 1340 - UPPER LEVEL FLOOR PLAN LOT - 19 UDDATH 1340 - UPPER LEVEL FLOOR PLAN SCALE: 316" = 114" LOT - 20 LUCAS TH 340 - UPPER LEVEL FLOOR PLAN SCALE 316" = 14" LOT - 21 LUCAS TH 3504LE J1975 1-10 LOT - 22 LUCAS TH SCALE STIRT = 140





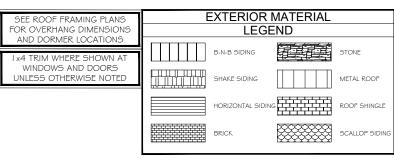


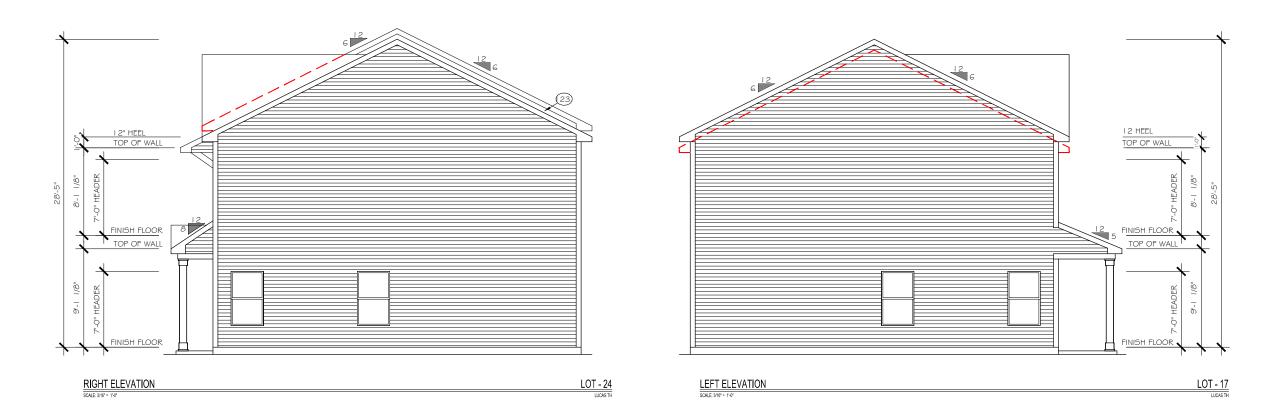


KEY NOTES	ELEVATIO	ON CODE	<u> </u>	
15 FLASHING	EXTERIOR UNIT	A ∉ B	l o j	
(1) VINYL SHUTTER (2) BRICKMOLD TRIM	INTERIOR UNIT	C, D, E		0
2) I X4 TRIM BOARD	LAYER I	SIDING		
(123) I XG TRIM BOARD (125) I X8 TRIM BOARD	LAYER 2	BRICK		<sup>28</sup> 19.
128 IXIO FRIEZE BOARD (131) I-1/2" THICK STONE CAP	LAYER 3	STONE		우야도
35 ROWLOCK SILL	FULL PORCH	Р	T J	2, N
G (137) BRICK JACK ARCH	FORWARD	F		Sc 9-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
(4) PRECAST KEYSTONE	BACK	В		un Z
	HEEL 12 TOP	9-1 1/8, 9-1 1/	BUIES CREEK TOWNHOMES R LINIT 2649 Brekontidge Centre Dr.	
REAR ELEVATION BOLE SWY- MAR EXCENT F1.F. EXCH PROPERTY LINE CONT. RIDGE VEL CONT. RIDGE VEL CONT. RIDGE VEL CONT. RIDGE VEL G: 12	LOT - 17 0000171		LUCAS TH 1340	HARNETT COUNTY
		НЕЕL P OF WALL 	Copyright True Homes LLC reserved. The duplication, T copying, sale, rental, licensi other distribution or use of the any portion there of, of the p nereon is strictly prohibited. PREPARED BY: <u>Michae</u> DATE: 9.6.24 SCALE: AS SHOW REVIEWED BY: Church SHEET: A44	eproduction, ng, or any ng, or any nese drawings, italians depicted el

 FRONT ELEVATION - B1
 LOT - 24

 SCALE 31/8"= 1/2"
 LUCAS TH





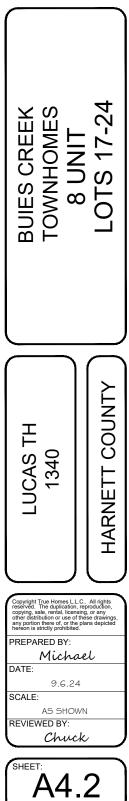
#### **KEY NOTES**



VINYL SHUTTER 20 BRICKMOLD TRIM 2) I X4 TRIM BOARD (23) I XG TRIM BOARD (23) I XB TRIM BOARD (23) I XB TRIM BOARD (23) I XI O FRIEZE BOARD (3) I-1/2" THICK STONE CAP (3) ROWLOCK SILL (3) BRICK JACK ARCH (3) SOLDIER COURSE (4) PRECAST KEYSTONE

ELEVATION CODE								
A¢B								
C, D, E								
SIDING								
BRICK								
STONE								
Р								
F								
В								



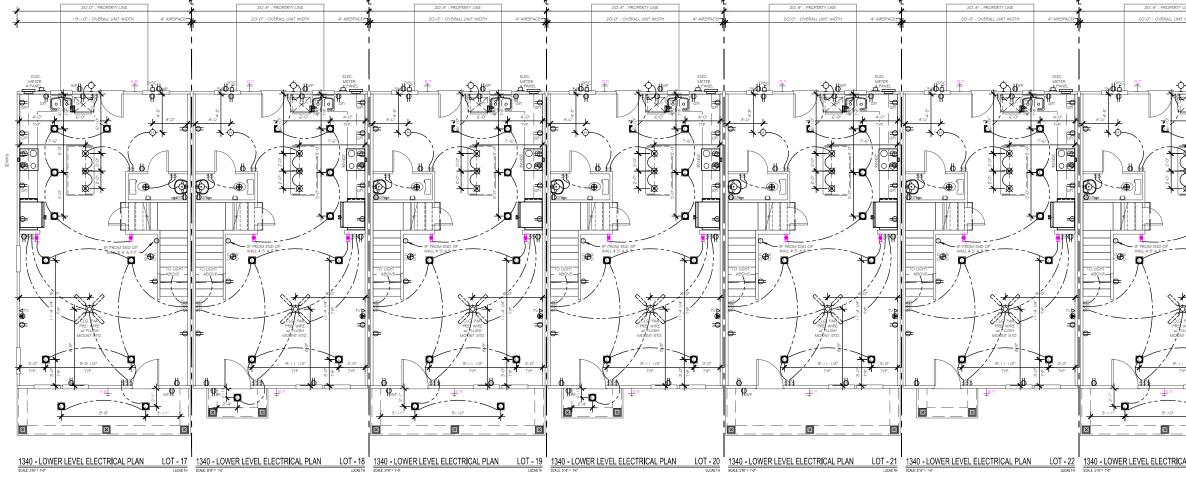


# ELECTRICAL LEGEND

LOW	*	INDICATES ADDITIONAL OUTLET PER CLIENT	HWP	OUTLET     OV WATER PROOF	Duse	DUAL USB OUTLET (3.1 AMP)	S D⊖C	SMOKE / CO DETECTOR	∯ 4-WAY SWITCH	-H- HANGING LIGHT	0	MINI-CAN LIGHT	-0-	WALL MOUNT LIGHT FIXTURE	FLOOD LIGHT - LOCATION TO BE VERIFIED IN FIELD WITH BUILDER/CLI
VOLTAGE LEGEND	⊕ (ĕ	) OUTLET I I OV (D=DEDICATED CIRCUIT)		OUTLET I I OV GFI (D=DEDICATED CIRCUIT)	TV ▽	TV WALL JACK	5 D⊕	SMOKE DETECTOR	면 PUSH BUTTON	JUNCTION BOX / PREWIRE	н	UNDER CABINET LIGHT		VAPOR PROOF CAN LIGHT	
TEC CAN				FLOOR OUTLET I I OV		PHONE / DATA JACK	\$	SWITCH	DIMMER SWITCH	RECESSED CAN LIGHT	Ð	WALL SCONCE (STD 72" AFF UNO)	$\oplus$	EXHAUST FAN	DISCONNECT BOX
Ver 36" WHIP IN WALL		OUTLET 220V (D=DEDICATED CIRCUIT)	0	SWITCHED OUTLET	Ū	THERMOSTAT	\$	3-WAY SWITCH		LED DISC LIGHT	$\boxtimes$	PENDANT LIGHT (6'-7" AFF STD)	Œ	EXHAUST FAN / LIGHT	UL 240v 50 AMP GPI (50amp, 240v GFI)

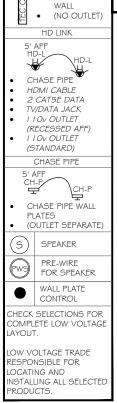
CA	<ul> <li>36" WHIP IN WALL</li> </ul>	
TEG	<ul> <li>(NO OUTLET)</li> </ul>	
	HD LINK	
	AFF D-L HD-L	
<ul> <li>HI</li> <li>2</li> <li>TV</li> <li>I</li> <li>(R</li> <li>I</li> </ul>	HASE PIPE DMI CABLE CAT5E DATA (JDATA JACK OV OUTLET ECESSED AFF) OV OUTLET	
	TANDARD)	
5' 4	CHASE PIPE	
CH		
	HASE PIPE WALL ATES	
	DUTLET SEPARATE)	
5	SPEAKER	
Pwg	PRE-WIRE FOR SPEAKER	
•	WALL PLATE CONTROL	
	SELECTIONS FOR ETE LOW VOLTAGE	
RESPO LOCATI	DLTAGE TRADE NSIBLE FOR NG AND .ING ALL SELECTED CTS.	

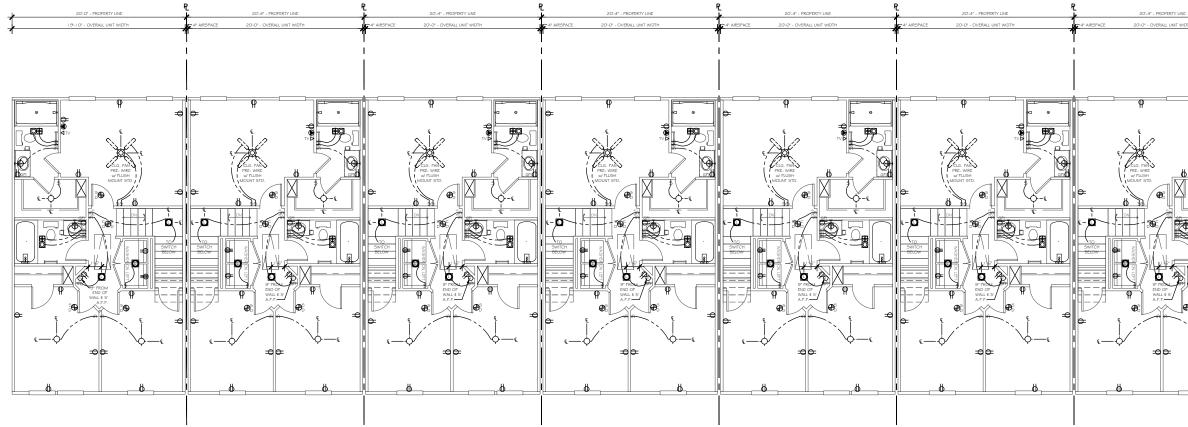
ALL TV, PHC SECURITY S LOCATED PER	MINI-CAN LIGHT UNDER CABINET LIGHT WALL SCONCE (STD 72" AFF UNO) PENDANT LIGHT (G'-7" AFF STD) FOR CPI LAYOUT. BLE, AUDIO, AND OUTLETS WILL BE OUT, REGARDLESS PHONE ARE SHOWN	VAPOR PROOF CAN LIGHT C EXHAUST FAN C EXHAUST FAN / LIGHT C ELEC. QTV. Count Name 2 Ceiling Fan 3 Detector 2 Detector	✓ VERIFIED IN FIE       ►     KEYLESS ENTR       →     DISCONNECT E       ↓     SOAMP       ↓     SOAMP	BOX GING OUTLET 240v GFI) CH (PER UNIT) Visibility1 Tlush Mount Std. noke Detector bon Monoxide Detector	ELEC. Count 2 3 2	TV OUTLET & TV W/ COVER DED. HOT TUB CIRCUIT (50amp, 240v G QTY PAR Name Ceiling Fan 1.1 Detectors Detectors	FI) CEILING FAN PRE-WIRE OR FIXTURE AS NOTED TIAL PORCH (PEF Visibility1 W/ Flush Mount Smoke Detecto Smoke/Carbon Monoxid	Std.	TrueHomes 17's All About U 2649 Brekonridge Centre Dr.	Suite 104 Monroe, N.C. 28110 704-271-1191
		2Jacks2Jacks2Jacks1Lights2Lights3Lights1Lights3Lights1Lights8Receptace2Receptace2Receptace2Switch8Switch	Exh Exh ( C C LED P H H E E E 2 DI 4 3	Phone Jack Thermostat TV Jack Exhaust Fan aust Fan/Light Ceiling Light arriage Light O Ceiling Light endant Light Ianging Light GFI 110V WP MMER 3-WAY -Way Switch -Way Switch gle Pole Switch	2 2 3 2 3 1 12 1 4 8 24 3 2 2 2 8 8 19	Jacks Jacks Lights Lights Lights Lights Lights Lights Lights Receptacle Receptacle Receptacle Receptacle Receptacle Switch Switch	TV Jack Phone Jack Thermostat Pendant Light Exhaust Fan/Lig Ceiling Light LED Ceiling Lig Exhaust Fan Carriage Light GFI 110V WP DIMMER 3-WA 4-Way Switch 3-Way Switch Single Pole Swit	yht	BUIES CREEK TOWNHOMES 8 LINIT	LOTS 17-24
20-4° - PROPERTY LINE				20-4* - PROPERTY LINE 20-0* - OVERALL UNT WOTH					LUCAS TH 1340	HARNETT COUNTY
				Prevent bio or what is to be				00T - 24	Copyright True Homes LLC reserved. The duplication, r copying, sale, rental, licensis other distribution or use of the any portion lise and the original phreeon is alticity prohibited. PREPARED BY: <u>Michaa</u> DATE: <u>9,6,24</u> SCALE: <u>AS SHOW</u> REVIEWED BY: Church SHEET: E1	el N c



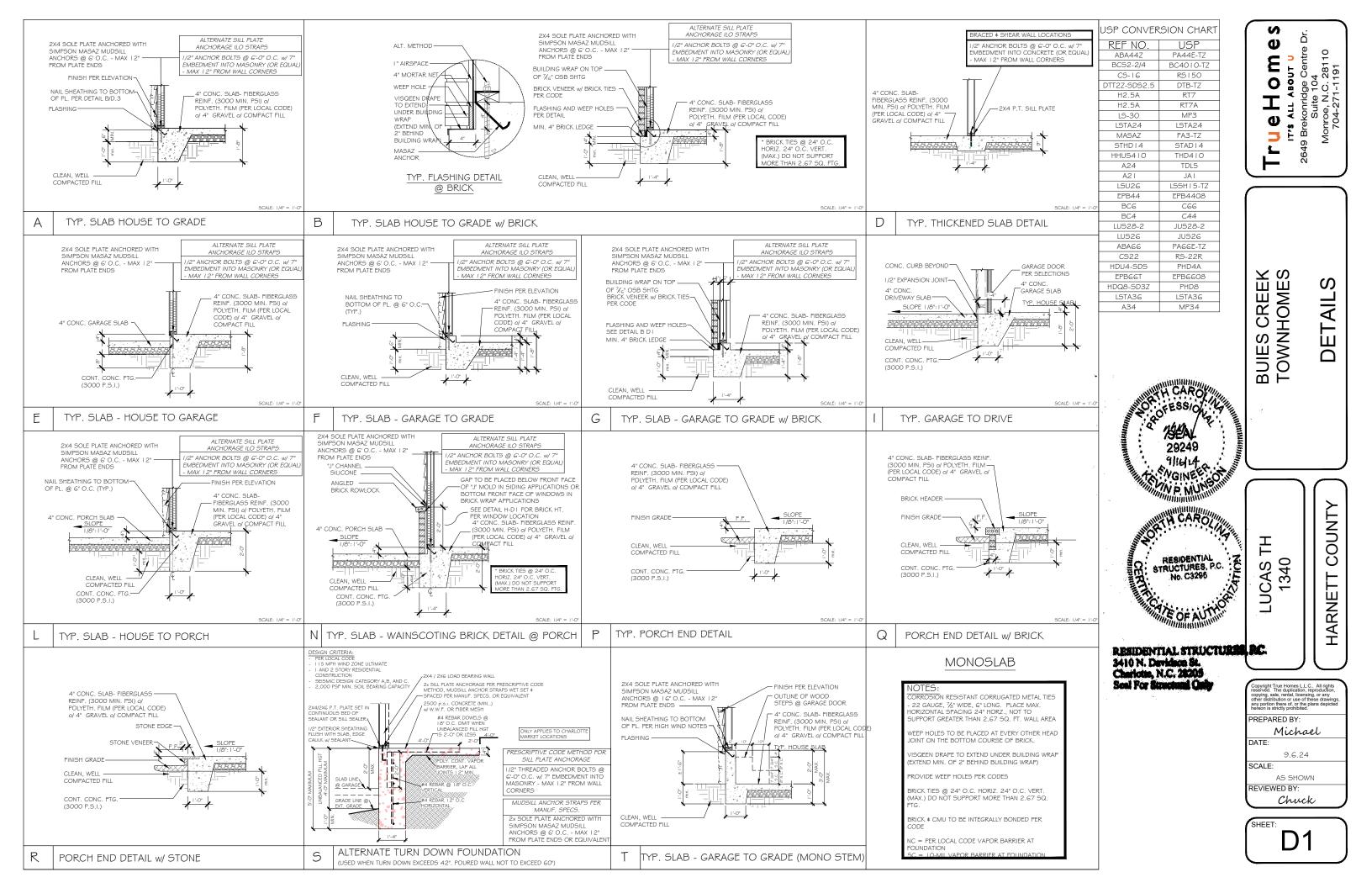
# ELECTRICAL LEGEND

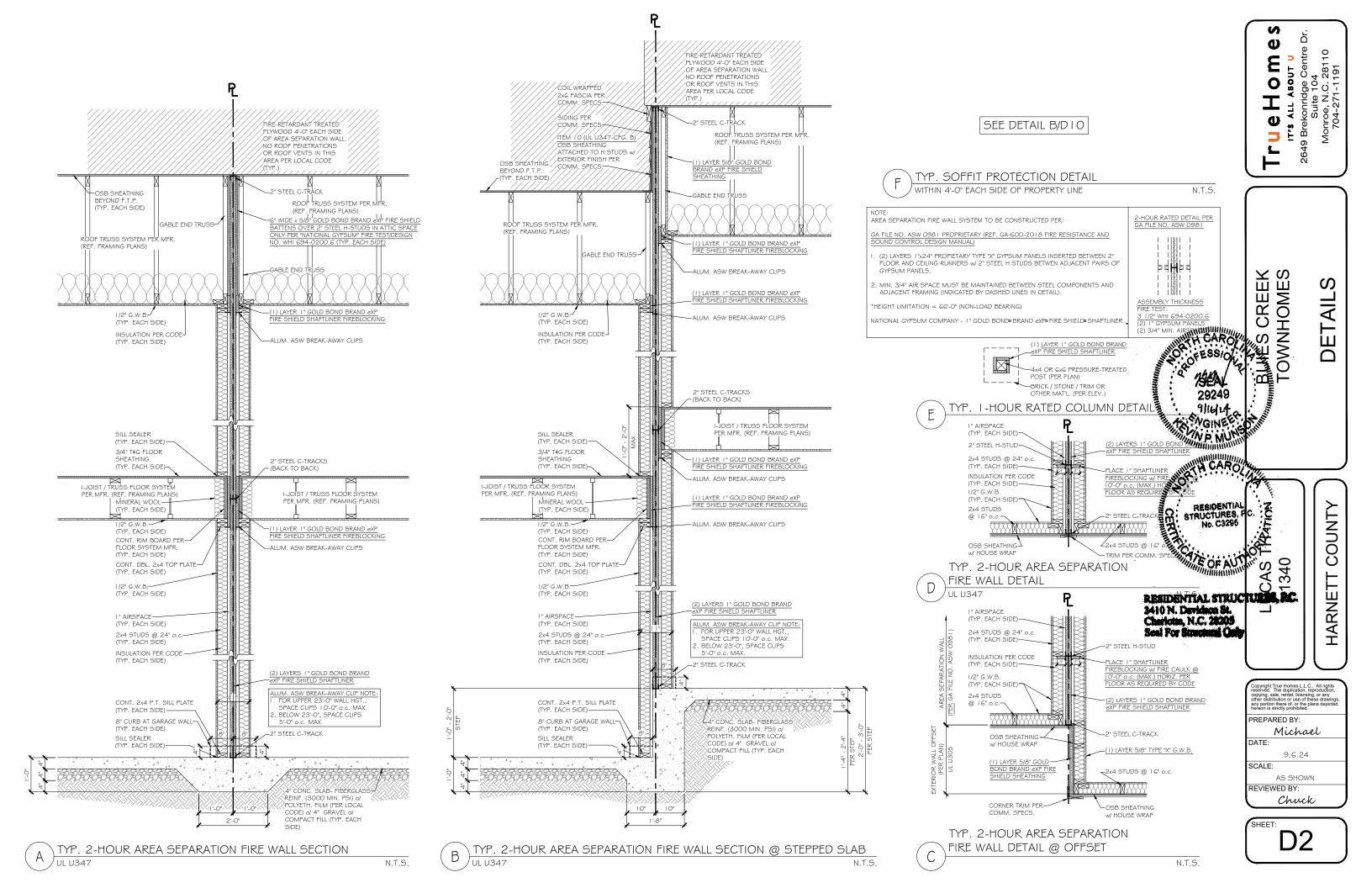
ſ		*	INDICATES ADDITIONAL OUTLET PER CLIENT	₿ wp	OUTLET     OV WATER PROOF		DUAL USB OUTLET (3.1 AMP)	SDC DDC	SMOKE / CO DETECTOR	\$ 4-WAY SWI	ТСН	-H- HANGING LIGHT	0	MINI-CAN LIGHT	$\Phi$	WALL MOUNT LIGHT FIXTURE	FLOOD LIGHT - LOCATION TO BE
	VOLTAGE LEGEND	\$ (\$	) OUTLET I I OV (D=DEDICATED CIRCUIT)		OUTLET     OV GFI (D=DEDICATED CIRCUIT)	T∨ ▽	TV WALL JACK	₽C	SMOKE DETECTOR	PUSH BUTT	ON	J JUNCTION BOX / PREWIRE	н	UNDER CABINET LIGHT	Ø	VAPOR PROOF CAN LIGHT	A KEYLESS ENTRY
	TEC CAN	- 5' AFF - ₩	RECESSED OUTLET   I OV	Ø	FLOOR OUTLET     OV	$\bigcirc$	PHONE / DATA JACK	\$	SWITCH	DIMMER SW	ИТСН	RECESSED CAN LIGHT	Ð	WALL SCONCE (STD 72" AFF UNO)	$\oplus$	EXHAUST FAN	DISCONNECT BOX
	• 36" WHIP IN WALL	₿ (₡	) OUTLET 220V (D=DEDICATED CIRCUIT)	0	SWITCHED OUTLET	T	THERMOSTAT	\$	3-WAY SWITCH	- CEILING LIG	нт	LED DISC LIGHT	$\boxtimes$	PENDANT LIGHT (6'-7" AFF STD)	Œ	EXHAUST FAN / LIGHT	UL 240v 50 AMP GFI (50 AMP, 240v GFI)
	₩ • (NO OUTLET)																

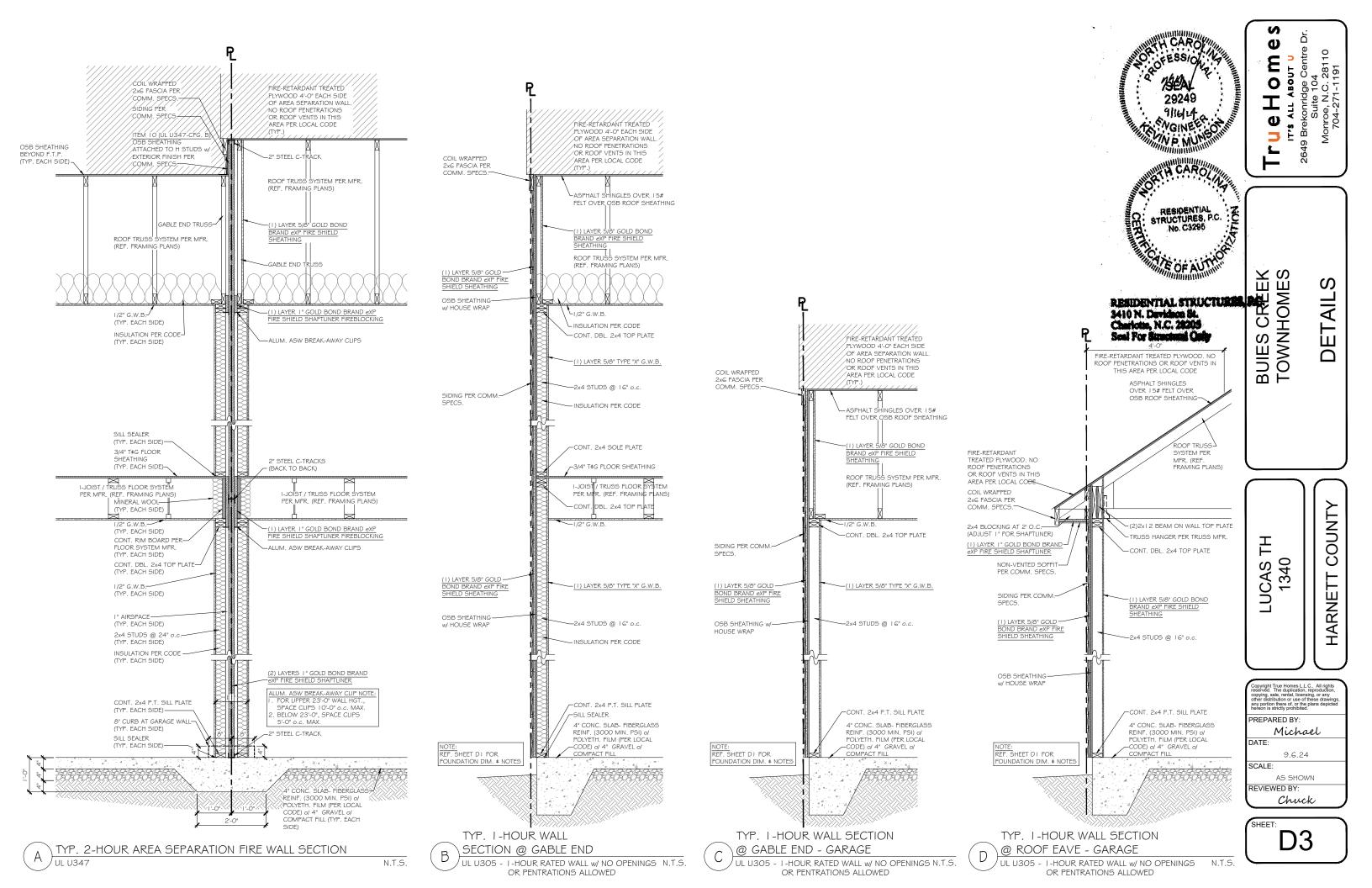


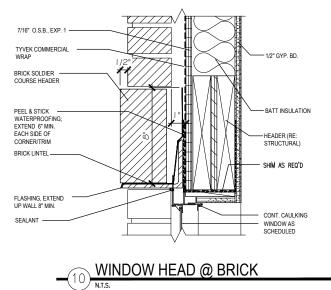


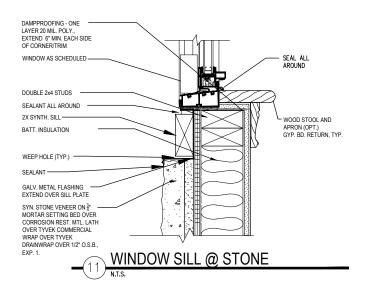
ELECTRIC PANEL (METER LOCATION MAY VARY) VARY FILL FILL MAY VARY) DUDL F & TV w/ COVER DED. HOT TUB CIRCUIT HTC DED. HOT TUB CIRCUIT (50amp, 240v GFI) FILL FILL FILL FILL FILL FILL FILL F	TrueHomeSourd IT's ALL ABOUT U 2649 Brekonridge Centre Dr. Suite 104 Monroe, N.C. 28110 704-271-1191	
	BUIES CREEK TOWNHOMES 8 UNIT LOTS 17-24	
	UCAS TH 1340 JETT COUNTY	
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	PREPARED BY: Michael DATE: 9.6.24 SCALE: AS SHOWN REVIEWED BY: Chuck	
AL PLAN LOT - 23 UDD9 11 1340 - UPPER LEVEL ELECTRICAL PLAN LOT - 24 UDD9 11 1000 11 1000 11	E2	J

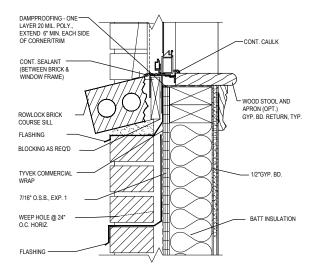




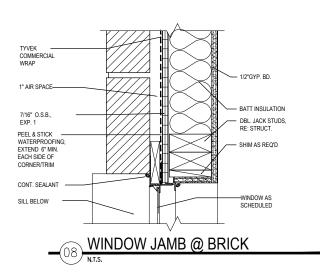


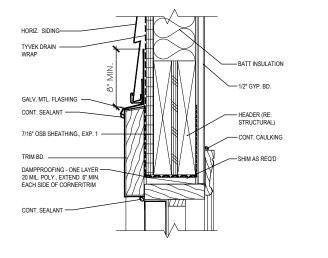




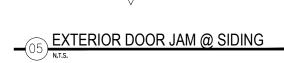


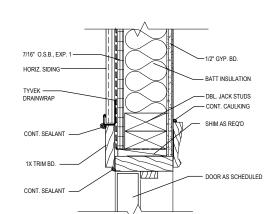
-07 WINDOW SILL @ BRICK

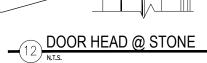


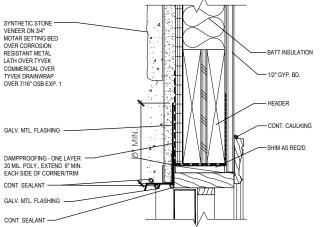


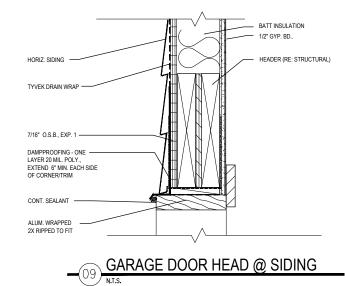
EXT. DOOR HEAD @ SIDING

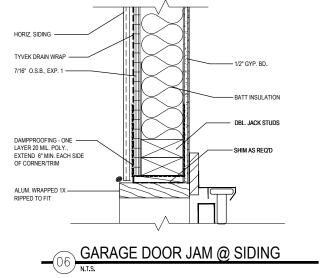


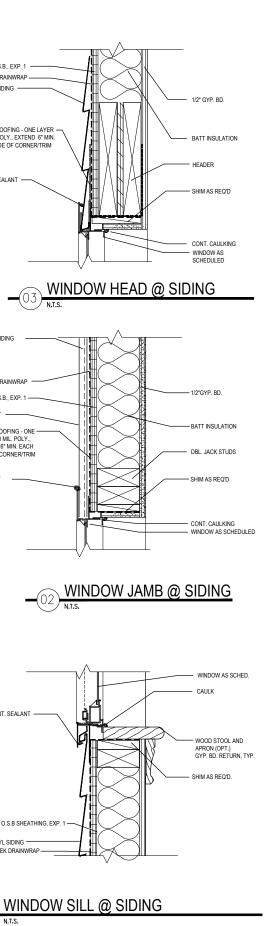










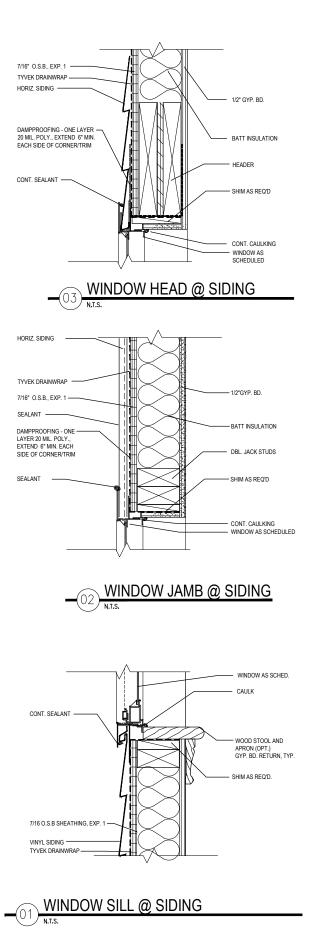


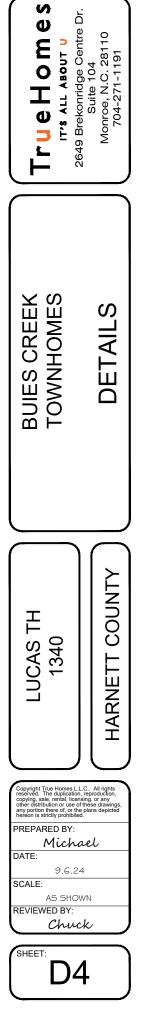
TYVEK DRAINWRAP

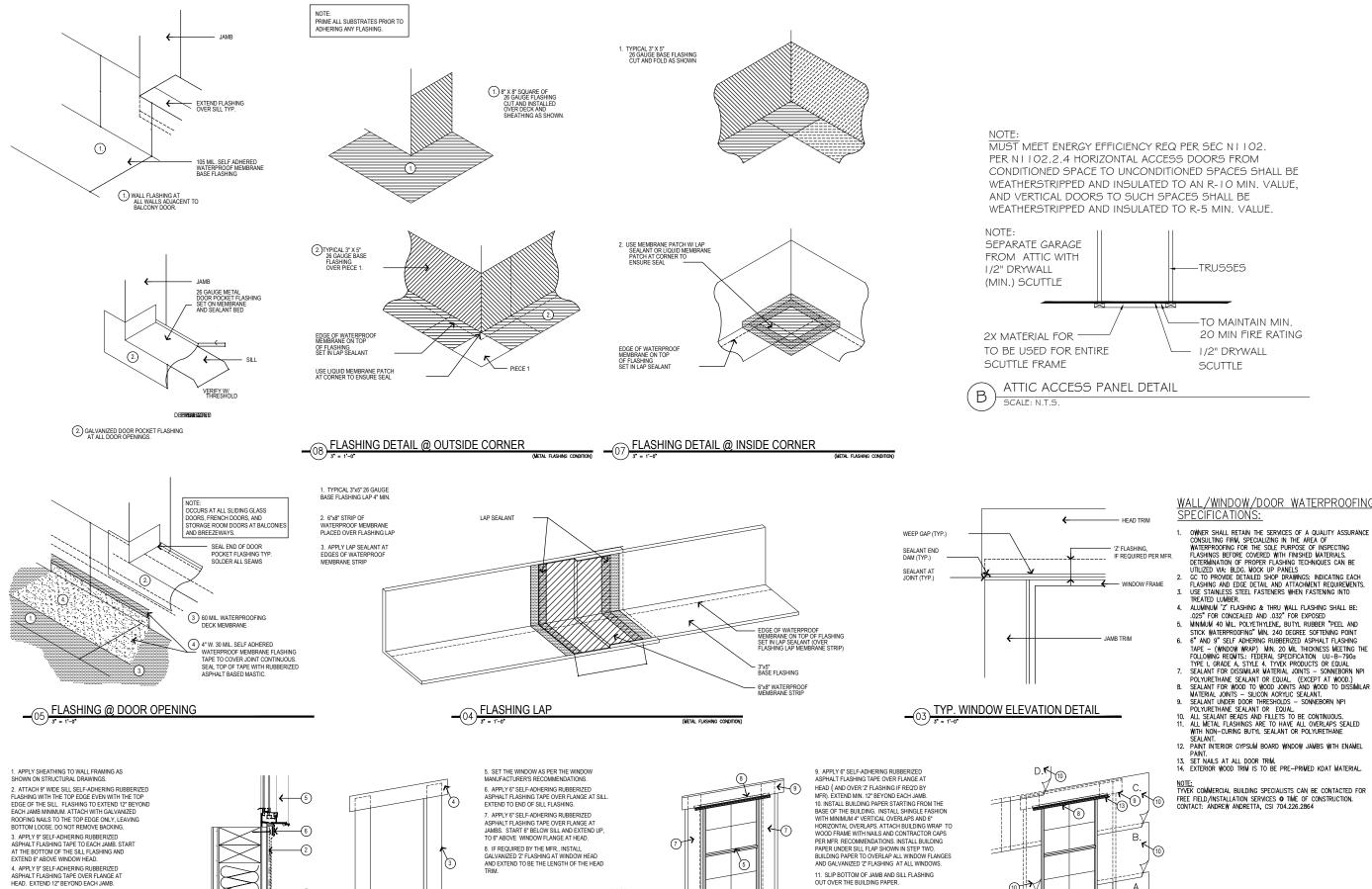
7/16" O.S.B., EXP. 1 -

SEALANT

VINYL SIDING







(02) WINDOW FLASHING WITH BUILDING PAPER ON WALL

LINE OF WINDOW FLANGE

-2

(1)

2

А

3

# <u>WALL/WINDOW/DOOR</u> WATERPROOFING <u>SPECIFICATIONS:</u>

- ALUMINUM 'Z' FLASHING & THRU WALL FLASHING SHALL BE: .025" FOR CONCEALED AND .032" FOR EXPOSED
- MINIMUM 40 MIL. POLYETHYLENE, BUTYL RUBBER "PEEL AND STICK WATERPROOFING" MIN. 240 DEGREE SOFTENING POINT
- STICK WALEKPRODENIG WIN. 240 DEGREE SOFTENING POINT 6. 6" AND 9" SELF ADHERING RUBBERIZED ASPHALT FLASHING TAPE (WINDOW WRAP) MIN. 20 MIL THICKNESS MEETING THE FOLLOWING REGNTS: FEDERAL SPECIFICATION UU-B-790a TYPE I, GRADE A, STYLE 4. TYVEK PRODUCTS OF EQUAL 7. SEALANT FOR DISSIMILAR MATERIAL JOINTS SONNEBORN NPI

- (10

(11)

С

12. TAPE OVER ANY CUTS OR HOLES IN THE BUILDING PAPER.

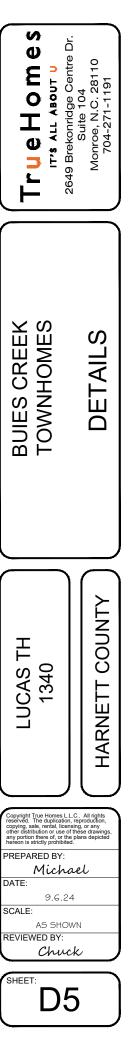
AWAY FROM BUILDING.

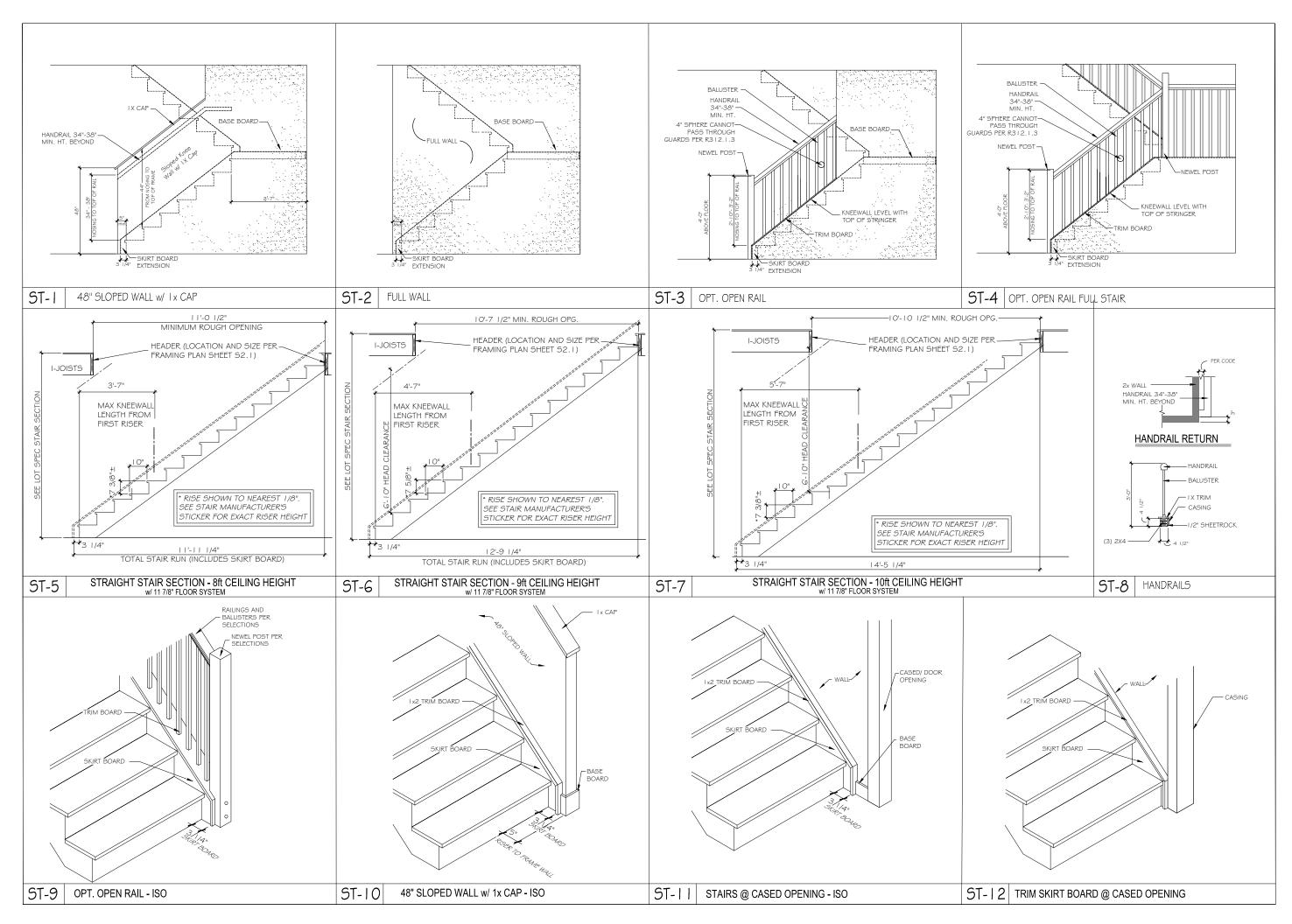
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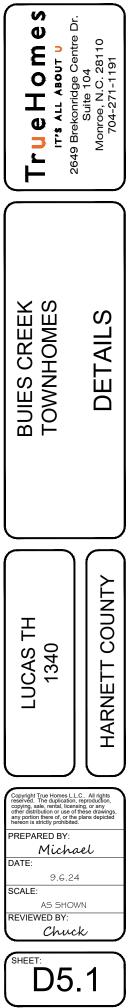
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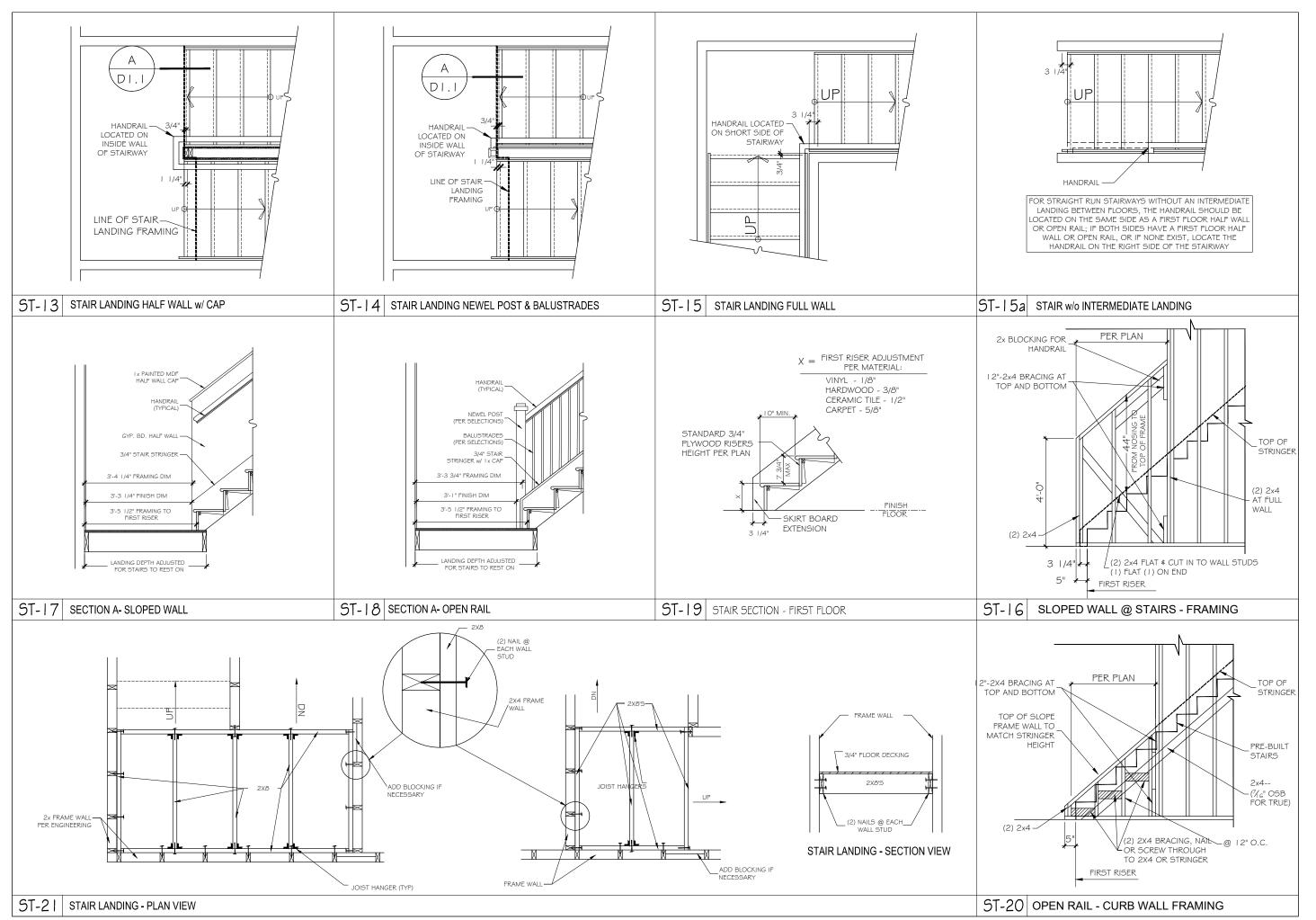
13. IF 'Z' FLASHING IS REQUIRED PER MFR., PROVIDE SEALANT END DAMS AT THE ENDS OF THE 'Z' FLASHING TYPICAL. 'Z' FLASHING TO SLOPE

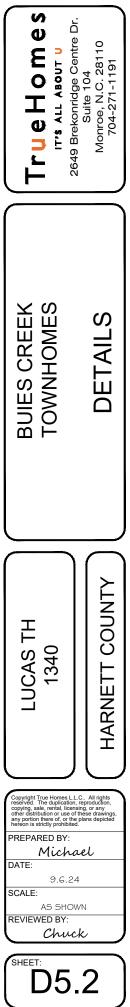
\*\*REFER ALSO TO DOOR AND WINDOW DETAILS.

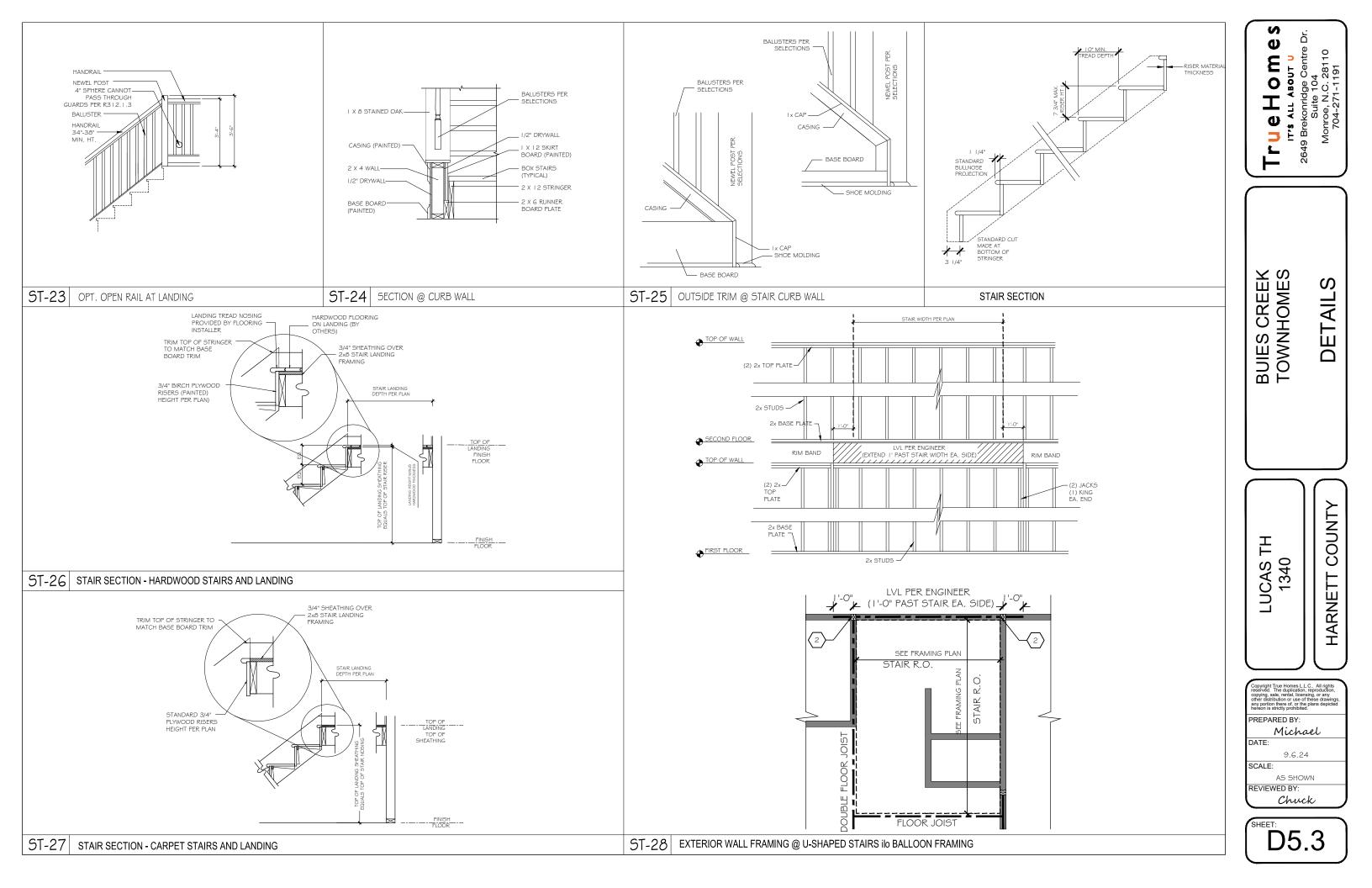


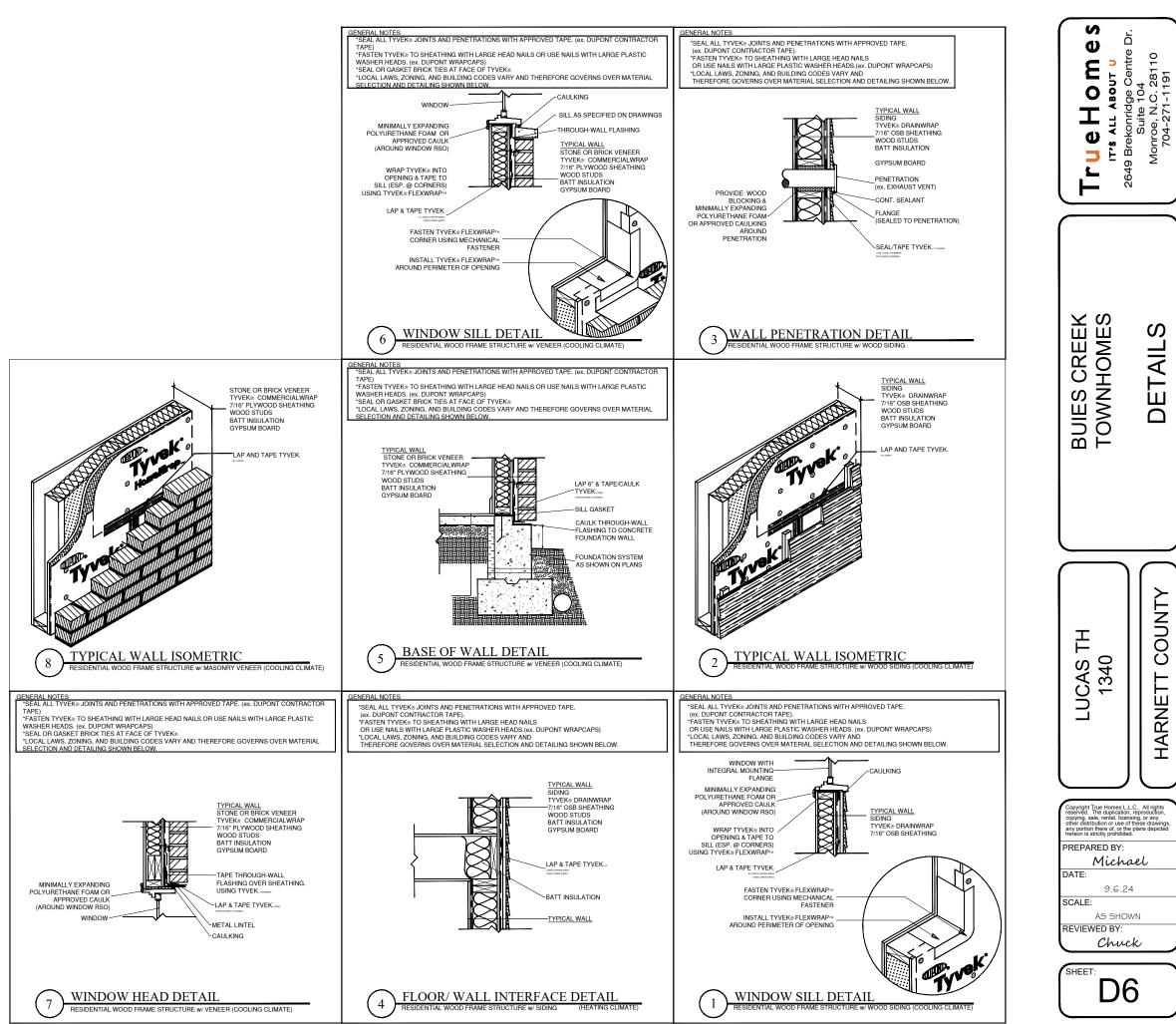




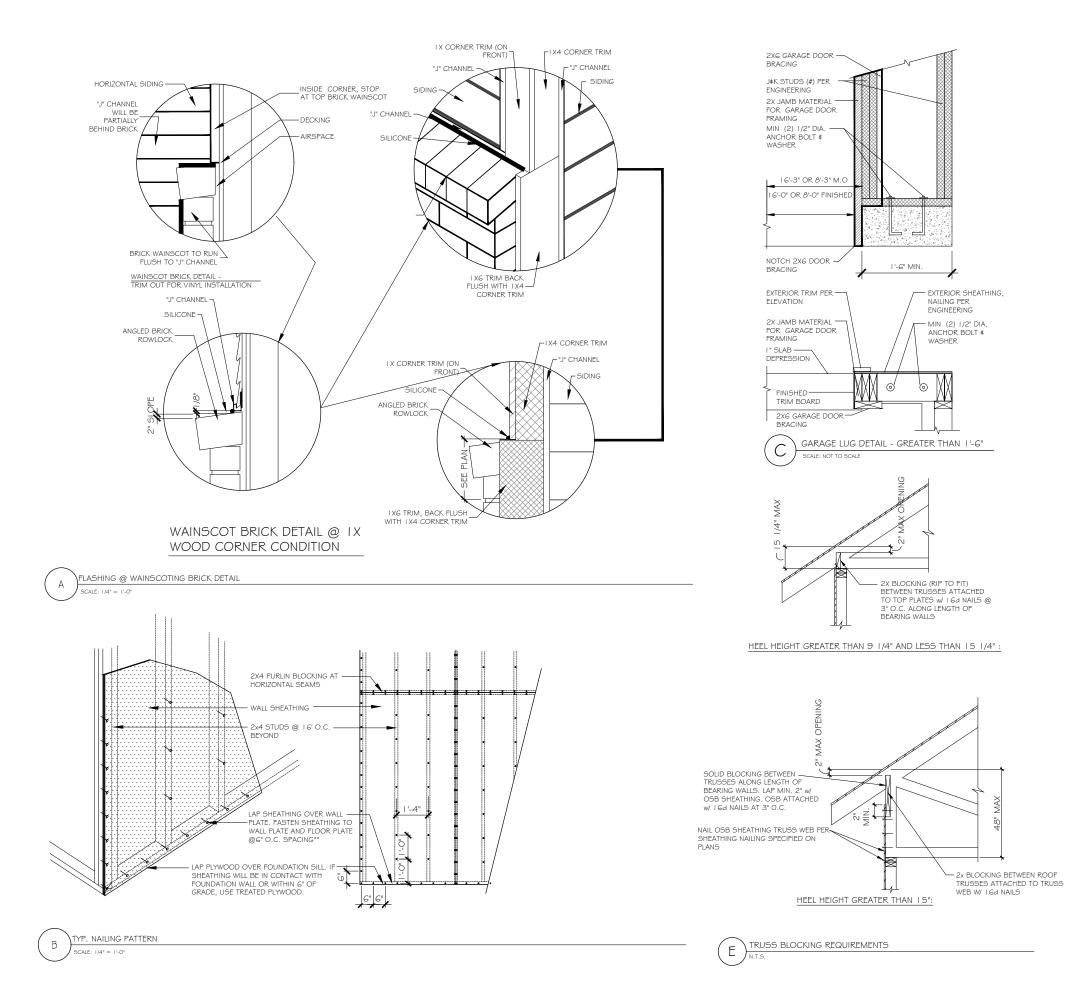


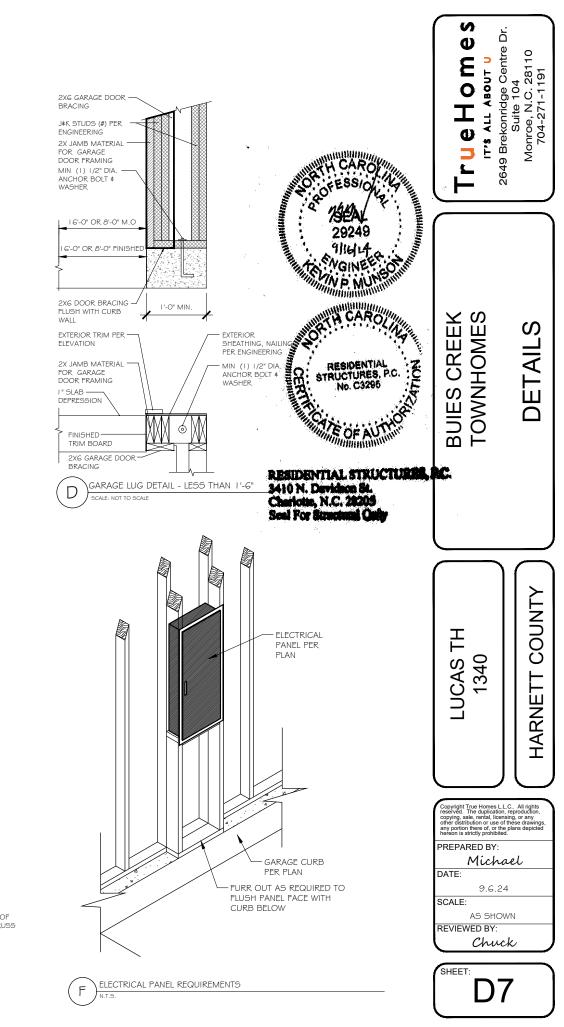






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DIES CREEK TOWNHOMES		
LUCAS TH 1340	HARNETT COUNTY	
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9.6.24 SCALE: AS SHOWN REVIEWED BY: Chuck		
SHEET: D6		





- ALL CONTINUOUS WALL FOOTINGS ARE 8" X 1 2" FOR ONE-STORY AND 8"X 1 6" FOR TWO-STORY HOUSES UNLESS OTHERWISE NOTED. 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
- LL INTERIOR PIERS ARE 8" X I G" CMU UP TO A MAXIMUM HEIGHT OF 32". ALL PIERS OVER 32" HIGH MUST BE FILLED WITH TYPE S ALL INTERIOR FIRES ARE 5 X TO COND OF TO A MAXIMUM HEIGHT OF 32 . ALL FIRES OVER 32 THEM MOST BE FILLED WITH THE 5 MORTAR. MAXIMUM HEIGHT FOR 8" X 16" FILLED PIER IS 6"-8". PIERS LARGER THAN 8" X 16" ARE NOTED ON PLANS AND MUST BE FILLE WITH TYPE 5 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.
- 3) FOOTING FOR 8" X 16" PIERS ARE 24" X 36" X 10" UNLESS NOTED OTHERWISE. REINFORCING IS TO BE AS NOTED ON PLANS. 4) 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. 5) ALL REBAR SPLICES SHALL BE A MINIMUM OF 2'-0" UNLESS OTHERWISE NOTED
- 5) ALL BEAR SPELED SHALL BE A MINIMUM OF 2-0 UNLESS OF INERWISE NOTED. 5) SHALLOW FOUNDATIONS ARE DESIGNED FOR AN ASSUMED SOLI BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER OF RECORD IF ANY SOLES ARE FOUND TO BE UNSUITABLE FOR THIS BEARING CAPACITY. THEE CONTRACTOR IS RESPONSIBLE FOR OBTAINING SOLI TESTING TO ENSURE THAT THE BEARING CAPACITY OF THE SOLI MEETS OR EXCEEDS THIS VALUE. ALL FILL IS TO BE COMPACTED TO 95% DENSITY AS MEASURED BY THE STANDARD PROCTOR TEST (ASTM D-696).
- 7) ALL SOILS AND FILL UNDER FLOORS AND/OR WITHIN OR UNDER BUILDINGS SHALL HAVE PRECONSTRUCTION SOIL TREATMENT FOR ROTECTION AGAINST TERMITES. CERTIFICATION OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY
- 00 NIROL COMPART. 8) 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 ACCURATEL PLACED AND SUPPORTED TO MAINTAIN THEIR POSITION DURING THE CONCRETE POURING. EDGE FORMS SHALL BE USED FOR CONCRETE THAT WILL BE EXPOSED
- INAL WILL BE EXPOSED. 9) ALL SLAB PENETRATIONS ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR. PENETRATIONS INTERFERING WITH REINFORCING SHALL BE
- ALL SLAD FENELIKATIONS ARE TO BE THE RESPONSIBILITY OF THE CONTINGUOR. FENELIKATIONS INTERFENING WITH REINFORUNG STALL DE APPROVED BY THE ENGINEER OF RECORD PRIOR TO THE FLACEMENT OF CONCRETE. JELEVATIONS 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 GRAGE 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' PENETRATIONS INTO GOOD ORIGINAL GROUND. DEPTH OF DRILLING IS LIMITED TO 15'. THEREFORE, NO POOR MATERIAL MORE THAN 13' DEPE IS SUITABLE FOR A CAISSON FOUNDATION A CAISSON CANNOT BE USED IF WATER RISES
- TOOK WATENAE WATENAE THAN SOLET IS SOLET IS SOLET IN SOLET OF A CASSON TO MARKAT. A CASSON CANNOT DE LOLD IT WATEN ROLD IMMEDIATELY INTO A DRILLES WITH A MINIMUM DIAMETER OR 6° AND A MINIMUM DESIGN LOAD OF SIX TONS ARE USED FOR ALL POUNDATIONS WITH UNSUITABLE SOLE DEPER THAN IS 'OR WITH WATER IN DRILLEG CASSON HOLES. DRIVE PRINORTH CAROLINA OR SOUTH CAROLINA
- SIZES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.

- 3) SIZES AND REINFORCING FOR FOOTING CAPS OVER CAUSSONS OR PILES SHALL BE AS SHOWN ON PLANS.
   4) CHINNEY FOOTINGS ARE TO BE L3" LARGER THAN THE CHINNEY FOOTIRNEN BY L3" THICK.
   5) FOUNDATION WALLS BACKFILLED WITH DIRT WHICH SUPPORT STRUCTURAL FRAMING SHALL BE CONSTRUCTED AS FOLLOWS:
   A) FOR EARTH FILL UP TO A MAXIMUM HEIGHT OF 4". USE 8" CAULO OR 8" BRICK WITH BITUTHENE MEMBRANE WATERPROPRING ON EXTERIOR.
   FOOTINGS ARE TO BE 3" X L3" OR 8" X 24" AS NOTED ON THE PLAN.
   B) FOR EARTH FILL 4" TO A MAXIMUM HEIGHT OF 4". USE 8" CAULO R 8" BRICK WITH BITUTHENE MEMBRANE WATERPROOFING ON EXTERIOR.
   FOOTINGS ARE TO BE 3" X L3" OR 8" X 24" AS NOTED ON THE PLAN.
   B) FOR EARTH FILL 4" TO A MAXIMUM HEIGHT OF 4". USE 8" X 24" FOOTING WITH #4 AT 16" DOWELS HOOKED IN FOOTING AND PROJECTING BY ABOVE FOOTINGS. USE 12" CAUL WALLS WITH #4 AT 16" VERTICAL BARS LOCATED 4" FROM WON-DIRT FILL FACE, LAP ALL SPEICES 12"
   MD DIRG DUR UNDER OUTING CAULS WITH #4 AT 16" VERTICAL BARS LOCATED 4" FROM WON-DIRT FILL FACE, LAP ALL SPEICES 12" 18" ABOVE FOOTINGS. USE 12" CMU WALLS WITH #4 AT 16" VERTICAL BARS LOCATED #1 RKOM NON-DIKT FILL FACE, LAP ALL SPUECES 12" AND USE DUR-O-WALL MORIZONTAL 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 MORIZAR OR FILL WITH 2,500 F91 CONCRETE. INSTALL WATERPROOP BITUTHENE MEMBRANE OR EQUAL. ID I LEU OF THE PRECEDING DESIGN, BASEMENT WALLS MAY BE CONSTRUCTED IN ACCORDANCE WITH R404. I 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
- FOR RETAINING WALLS WITHOUT FRAMING SEE SPECIAL DESIGNS ON DRAWINGS.

- MING CONSTRUCTION OTHER THAN ROOF: SEE TABLE RG02.3(1) OF THE CODE FOR A FASTENER SCHEDULE FOR STRUCTURAL MEMBERS. 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 IS SPECIFIED. THE "LIGHTEST" AVAILABLE HANGER FOR THE APPLICATION IS ACCEPTABLE.
- 3) CRAWL GIRDERS AND BAND WITH 4" CURTAIN WALL AND PIER CONSTRUCTION SHALL BE 2-2 X TO SOUTHERN YELLOW PINE #2 UNLESS 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

   III. SPLIT AND RENDER THE TORNAL INEFFECTIVE. NO END NAILING THROUGH THE GIRDER OR BAND IS PERMITTED.
   IF DROPPED GIRDERS ARE USED, END LAP ALL JOISTS AND SIDE NAIL EACH WITH A MINIMUM OF 3- I GD NAILS AT EACH END OF
- EACH JOIST. LEDGER STRIPS SHOULD BE SPACED 3" APART AND NALED WITH A MINIMUM OF JEW MULTER LEVEL IN ALL MULTIPLE MEMBER BUILT-UP GREDERS "A PART AND NALED WITH A MINIMUM AT EACH JOIST END. "IN ALL MULTIPLE MEMBER BUILT-UP GREDERS WITH TWO ROWS OF I GD NALES ATGACERED AT 32" O(C, 2" DOWN FROM T 2" UP FROM THE BOTTOM WITH 3-I GD NALES AT EACH END OF EACH FIECE IN THE JOIST THROUGH THE MEMBERS MANING UP" 2" DOWN FROM THE TOP AND
- 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 GIRDER 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 LINE

- AT ALL GRERES WHERE THE JOISTS CHANGE DIRECTION, INSTALL BRIDGING AT G'O/C FOR A MINIMUM OF SIX JOIST SPACINGS BEYOND B/NY 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 JOISTS. 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.
- FOR SPANS UP TO 6': USE 3 1/2" X 3 1/2" X 1/4" STEEL ANGLES

FOR SPANS FROM 61 TO 10: USE 5\* X 3 ½\* X 5/16\* STEEL ANGLES. FOR SPANS FROM 91 TO 18: USE A PAIR OF 9-GAUGE WIRES IN EACH OF THE FIRST 3 COURSES OF BRICK ON A 5\* X 3 ½\* X 5/16\* STEEL ANGLE LAP ALL 9-GAUGE WIRE SPLICES A MINIMUM OF L2" AND EXTEND WIRES A MINIMUM OF L2" INTO JAMES TEMPORARIL SUPPORT THE STEEL ANGLES BEFORE LAYING MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS FOLLOWING THE INSTALLATION OF

WHEN STRUCTURAL STEEL BEAMS WITH BOTTOM PLATES ARE USED TO SUPPORT MASONRY, THE BOTTOM PLATE MUST EXTEND THE FULL LENGTH OF THE STEEL BEAM. THIS PROVIDES SUPPORT TO THE ENDS OF THE PLATE BY BEARING ON THE ADJACENT MASONRY JAMBS. THE BEAM SHOULD BE TEMPORARILY SHORED PRIOR TO LAYING THE MASONRY. THE SHORING MAY BE REMOVED FIVE DAYS AFTER LAYING HE MASONRY

- ALL BRICK VENEER OVER LOWER ROOPS (BRICK CLIMBS) MUST HAVE A STRUCTURAL ANGLE LAG SCREWED TO AN AD IACENT 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: I) EXCEPT WHERE OTHERWISE NOTED, FOR ALL CONCRETE, THE PROPORTIONS OF CEMENT, AGGREGATE, AND WATER TO ATTAIN REQUIRED
- EXCEPT WHERE DUTIES WHE ROTED, FOR ALL CONCRETE, THE PROPORTIONS OF CENERIT, ASGREGATE, AND WATER TO ATTAIN REQUIRED PLASTICITY AND COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH ACT 31 & 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 FLACING CONCRETE, ALL DEBILS, WATER AND OTHER DELETERIOUS MATERAL SHALL BE REMOVED FROM THE PLACES TO BE OCCUPIED BY THE CONCRETE. THE PLACING OF ALL CONCRETE SHALL BE IN ACCORDANCE WITH ACT 31 & AND ASTIN CS4 REQUIREMENTS. PUMPING OF CONCRETE WILL BE PERMITTED ONLY WITH THE ENGINEER OF RECORDS APPROVAL OF PROPOSED CONCRETE MIX AND METHOD OF DUMPING. CONCRETE CANLE BE ADDIDING MUNICIPE FORD THE WILE FOR CONCRETE AND DEFINICATION OF DUPING OF CONCRETE MIX AND METHOD OF DUMPING. CONCRETE CANLE BE ADDIDING MUNICIPE FORD THE WILE FOR CONCRETE AND DEFINICATION OF DUPING OF CONCRETE MIX AND METHOD OF DUMPING. CONCRETE CANLE BE ADDIDING MUNICIPE FORD THE WILE FOR CONCRETE AND DEFINICATION OF DUPING OF CONCRETE MINICIPATION OF DUPING OF DU 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
- CLOSE CONTACT WITH ALL SURPACES OF FORMS AND REINFORCING STEEL AND LEVELED OFF AT PROPER GRADE TO RECEIVE FINISH. ALL CONCRETE SHALL BE FLACED LPON CLEAN, DAMP SURFACES. VIDRATION SHALL BE APPLIED DIRECTLY TO THE CONCRETE AND SHALL BE SUFFICIENT TO CAUSE FLOW OF SETTLEMENT BUT NOT LONG ENOUGH TO CAUSE SEGREGATION OF THE MIX. 3) 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 CAUSE REACH WAY. JOINTS SHALL BE SAWN A DEFTH 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 CONCRETE HAS CURED
- NCRETE, WHEN DEPOSITED, SHALL HAVE A TEMPERATURE NOT BELOW 50°F AND NOT ABOVE 90°F. THE METHODS AND RECOMMENDED CTICES AS DESCRIBED IN ACI 306 SHALL BE FOLLOWED FOR COLD WEATHER CONCRETING AND ACI 305 FOR HOT WEATHER
- CONCRETING. 5) 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.

- DURING CURING, THE CONFORMING TO ASTM CI 7 DV WATERFROOF PAPER CONFORMING TO ASTM CI 71 D) APPLICATION OF AN APPROVED CHEMICAL CURING COMPOUND. THE CURING SHALL CONTINUE UNTIL THE CUMULATEVE 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.
- 0 REINFORCING STEEL BARS SHALL BE DEFORMED IN ACCORDANCE WITH ASTM A305 AND OR A408 AND FORMED OF ASTM AG I 5-78 GRADE WELDED WIRE FABRIC REINFORCING TO BE ASTM A 185 STEEL WIRE. ACCESSORIES SHALL CONFORM TO THE CRSI "MANUAL 60 STEEL OF STANDARD PRACTICE." THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED OVER REINFORCING BARS

1 1/2"

- **GENERAL NOTES**
- MASONRY GENERAL NOTES: 1) MASONRY WALLS ARE TO BE OF THE SIZES AND IN THE LOCATIONS SHOWN ON THE PLANS AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF ACI 530. 2) HOLLOW LOAD EEARING 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
- PARTITIONS NCRETE 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-1. MORTAR: ASTM C270-95, TYPE 5 PREPACKAGED 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 I 5 GRADE GO STEEL DEFORMED BARS WHERE INDICATED ON THE PLANS. WHERE REINFORCING BARS ARE KEINFORCING STELLE: ASIM AGIS GKABLE GO STELL LEFORMED BARG WITHER INDICATED ON THE FLAND, WHERE KEINFORCING ARE AND ARE INSTALLED IN THE CELLE: ASIM AGIS STELLE MAGONRY UNITS, THEY SHALL BE SECURED WITH WIRE TIES 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 BETWEIN THE FACE OF THE CONCRETE MASONRY UNIT AND THE CENTER OF THE BAR SHALL NOT EXCEED ± 4". MORTAR PROTRUSION SHALL BE LESS THAN ½". A PROTRUSION OF ½" OR GREATER MUST BE REMOVED BEFORE GROUTING.
- HORIZONTAL JOINT REINFORCEMENT: ASTA ASZ ASBORTON GI 72 OK SMLATAR WIDD BL REMOVED DEI OR DEMOVED DEI OK GNODING. SHALL CONSIST OF TWO OR MORE PARALLEL, LONGTUDINAL WIES OL 1875 IN DIAMETER WITH WELD-CONTECTED CROSS WRES OL 483" IN DIAMETER AT A MINIMUM OF 16" OC. JOINT REINFORCEMENT IST DE INSTALLED IN VERY OTHER COURSE AND IN THE 0.1433 IN DIAMETER AT A MINIMUM OF TO QUE. JOINT REINFORCEMENT IS TO BE INSTALLED IN EVERTOTHER COURSE AND IN THE 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
- LEVEL AND PLUMB WITHIN THE TOLERANCES SPECIFIED IN ACI 530. I-88, SECTION 2.3.3.2. IF NONSTANDARD DIMENSIONS ARE ENCOUNTERED, BLOCK SHALL BE CUT WITH A MASONRY SAW TO FIT, NOT BY STRETCHING OR SHRINKING JOINTS. UNFINISHED WORK SHALL BE STEPPED BACK FOR JOINING WITH NEW WORK. TOOTHING WILL NOT BE PERMITTED EXCEPT WHERE SPECIFICALLY APPROVED DAMAGED LINITS ARE TO BE CUT OUT AND NEW LINITS SET IN PLACE
- DAMAGED UNITS ARE TO BE CUT OUT AND NEW UNITS SET IN PLACE. THE FILLED CELLS AND BOND BEAM BLOCKS OF REINFORCED MASONRY WALLS ARE TO BE FILLED WITH ASTM C476-91, GROUT FOR MASONRY WITH MINIMUM COMPRESSIVE STRESS 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 VIRBATED TO MINIMUE ANY VOIDING OF THE GROUT. RECONSOLIDATE EACH LIFT BY VIBRATING SEVERAL INCHES INTO THE PRECEDING LIFT BEFORE PLASTICITY IS LOST. RECONSOLIDATE THE TOP LIFT AND FILL WITH GROUT ANY SPACE LEFT BY SETTLEMENT SHRINKAGE
- NUMBER PARTITIONS FALL BETWEEN FLOOR JOISTS OK TRUSSES, 2 X 4 LADDERS AT 16" O(C MUST BE PLACED PERPENDICULAR TO THE TRUSSES TO SUPPORT THE PLYWOOD DECKING. THE LADDERS SHALL BE SUPPORTED WITH SIMPSON "Z" CLIP OR SIMILAR DEVICE. ) ALL WOOD I-JOISTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS PLUS DETAILS SHOWN
- ON PLANS. LOAD-BEARING FARTITIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH FLOOR. TRUSSES AND PLYWOOD SHALL NOT CARRY CONCENTRATED POINT LOADS. I-JOIST MATERIAL SHOULD NOT BE USED AS BLOCKING UNDER. CONCENTRATED FOINT LOADS. ALL FOINT LOADS MUST BE CARRIED TO FOUNDATIONS WITH ADEQUATE BLOCKING AND/OR BEAMS
- ALL STEEL COLUMNS WHERE STEEL COLUMNS BEAR ON CONCRETE OR MASONRY, UNLESS OTHERWISE NOTED, A 5/8" X 6 1/2" X 6 1/2" OR 12) ALL STIELL COUNTING THE STIELL STIELL COUNT DEAR ON CONCENTENCE ON MICROSON THE BEARING SUBJECT AND A STAR AS A STAR AND A STAR AS A STAR AND A STAR AS A STAR AND A STAR AND A STAR AS A STAR AND AND A STAR AND AND A STAR AND AND A STAR
- OPENING NAILED SECURELY TO THE HEADER
- VALUS 12'TO 20'HIGH: BALLOON FRAME 2 X & STUDS AT 16" O/C (1/2" OSB SHEATHING REQUIRED FOR WALL HEIGHTS > 17). PROVIDE B) WALLS 12 10 20 MIGH: BALLOON TRANE 2 X 6 STUDS AT 15 O/C (2 OSB SHEATHING RUUNED FOR WALL HEIGHTS > 17). TROVIDE 2-1 % X 5 ¼\* LVL KING STUDS ON EACH SIDE OF OPENINGS 3' TO G' WIDE AND 2-2 X G KING GTUDS FOR OPENINGS LESS THAN 3' WIDE, FASTEN KING STUDS SECURELY TO ALL HEADERS WITH A MINIMUM OF 12-16D NALLS OR 4-3/8" DIAMETER LAG SCREWS EMBEDDED A MINIMUM. OF 4" INTO THE HEADER.
- GABLE END WALLS OR ROOMS WITH VAULTED CEILING JOISTS: BALLOON FRAME WALL AND PROVIDE TRIPLE KING STUD ON EACH SIDE OF OPENINGS, NAILED SECURELY TO THE HEADER. OPENINGS, NAILED SECURELY 10 HE 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 AT OR NEAR FIRST FLOOR TOP PLATE. D)
- WALL, LOCALE THE BEAM NEAR MID-REIGHT OF THE WALL AT OK MEAR THEST FLOOR TOF FLATE. 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. 14) CONTINUOUS 2 X 6 BRIDGING SHALL BE NAILED TO DIAGONAL OR VERTICAL WEB MEMBERS OF ALL OPEN-WEB FLOORS TRUSSES OVER 10' LONG. THEY SHALL BE INSTALLED NEAR MID-SPAN AS A LOAD DISTRIBUTION MEMBER. IF THE 2 X & BRIDGING IS NOT CONTINUOUS, LAB ENDS OF BRIDGING ONE TRUSS SPACE.
- 15) LOWER STUD WALLS FOR BUILDINGS OVER TWO STORIES BUT NOT MORE THAN THREE STORIES"
- INTERIOR WALLS
- LOAD BEARING ..... NON LOAD BEARING
- EXTERIOR WALLS
- USE 2 X 6 AT I 6" O/C WITH 1/2" X 4' X 8' PLYWOOD SHEATHING AT ALL CORNERS AND EVERY 25'; OR USE 2 X 4 AT I 2" O/C WITH 1/2" PLYWOOD SHEATHING SOLID ON WALLS
- HEADERS SHALL BE AS SHOWN UNLESS NOTED DIFFERENTLY ON PLANS:
- INTERIOR AND EXTERIOR
- 2-2 X 6'5 2-2 X 8'5
- SPANS 3'-6" TO 6'-6' . 2-2 X 10'5
- SPANS 6'6" OR MORE SEE PLAN
- M) SPANS 66° OK MORE.
   M) SPANS 66° OK MORE.
   M) SPANS 66° OK MORE.
   M) EADERS WIDER THAN 5' SHALL HAVE A MINIMUM OF THREE KING STUDS ON EACH SIDE UNLESS NOTED OTHERWISE.
   M) WHEN CEILING JOISTS ARE PARALLEL TO AN EXTERIOR WALL, TIE THE RAFTERS NEAR THE TOP PLATE TO CEILING JOISTS WITH A 2 X 6 STRONGBACK. A MINIMUM OF 6' LONG AT 4 FECT 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.
   A TALL EXTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER WATH AFEN ESTERIOR DIAGONAL WALL PANELS, EACH PANEL BE DODE MALE ADDIAGONAL AND THE DATE SHALL BE NAILED TO EACH ADJACENT FANEL WITH 5-16D NAILS OR TIED TOGETHER
- WITH METAL STRIPPING NAILED AT FOUR LOCATIONS BETWEEN PLOORS WITH A MINIMUM OF 2-1 GD NAILS INTO EACH PANEL AT EACH STRAP. THIS WILL AVOID VERTICAL CRACKING IN PANEL JOINTS DUE TO HORIZONTAL OSCILLATING PANELS. 3 studs under L.V.L. beams \$ 2 studs. 19) AT ALL STAIRS, EVERY STUD AT EACH STRINGER MUST BE NAILED TO EACH STRINGER WITH A MINIMUM OF 2-16D NAILS. THIS WILL AVOID CRACKING BETWEEN WALLBOARD AND TOP OF BASE MOLDING DUE TO VERTICAL OSCILLATION OF STAIR STRINGERS
- under dimensional lumber beams or 20) ROOF TRUSSES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID roof brace (unless noted otherwise)
- ) ROOF TRUSSES THAT HAVE NON-DEARING FARTHTUNG FASSING UNDER THEM SHOULD BE NAILED TO THE FARTHTUN FLATES TO AVOID CELLING-WALL CRACKING. ) ROOF TRUSSES CLOSE TO SIDE WALLS FRAMING AND USED AS DEAD WOOD FOR SHEETROCK BOARDS SHOULD BE NAILED TO THE WALL
- FRAMING TO PREVENT CEILING-WALL CRACKING. 22) ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON EXTERIOR MASONRY PIERS OR
- ALL STRUCTURAL TRAMING 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 "FALSE CHINNEYS" SHALL BE CONSTRUCTED WITH 2 X 4 STUDS AT 12" O/C, BALLOON-FRAMED FROM ATTIC CEILING OR FLOOR. FASTEN 15/32" CONSTRUCTED WITH 2 X 4 STUDS AT 12" O/C, BALLOON-FRAMED FROM ATTIC CEILING OR FLOOR. FASTEN 15/32" CONSTRUCTED WITH 2 X 4", 18-GAUGE METAL STRAP, OR A GIVEN AR CONSUMERCED.
- OR A SIMILAR CONNECTOR. 24) ITEM UNCHANGED, BUT MOVED FROM UNDER #14 ON OLD PAGE 2:
- TE: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 SHEATHING ALONE. BLOCKING EQUAL TO OR BEITER THAN THE F CONSTRUCTION TO THE FOUNDATION. ) 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.
- SEP SCREED REQUIRED THAT 2 2011 ONTO A PLAN WALLS 2" ABOVE PAVED AREAS AND 4" ABOVE GRADE, SEE ASTM 926 AND 1063 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 IN JURY LOAD STRESSES, SHOCK, VIBRATION, OR DAMAGE TO FINISHED SURFACES
- WALL BRACING NOTES:

1. THIS STRUCTURE HAS BEEN ANALYZED BY A PROFESSIONAL ENGINEER FOR LATERAL LOADING. IT HAS BEEN DESIGNED USING CONTINUOUSLY SHEATHED 7/16° OSB SHEATHING, PASTENED AT 6° O.C. ALONG THE EDEES 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 REINFORCEMENT, ADDITIONAL BRACING METHODS, ENGINEERED WALL SECTIONS AND HOLD DOWNS HAVE BEEN INCLUDED TO RESIST THE LATERAL LOADS AND ARE NOTED ON THE FLAN SET.

- ROOF CONSTRUCTION: 1) ALL ROOF TRUSSES MUST BE BUILT IN ACCORDANCE WITH TRUSS MANUFACTURERS' REQUIREMENTS. TIE-DOWN CONNECTIONS TO RESIST UPITF 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 EASTENER SCHEDULE UNLESS NOTED OTHERWISE ON THE PLAN, ROOF MEMBERS SHALL BE TIED DOWN ITH ADDITIONAL METAL CONNECTORS AS FOLLOWS
- RAFTERS SHALL BE 2 X 6 AT 16" O(C SPRUCE-PINE-FUR #2 FOR SHINGLES EXCEPT AS NOTED. THEY ARE TO BE CUT INTO HIPS, RIDGES, ETC., UNLESS NOTED OTHERWISE. TILE, SLATE AND OTHER HEAVY ROOF COVERINGS SHALL USE 2 X 8 AT 16" O(C SPRUCE-INIE-FUR #2 RAFTERS UNLESS NOTED OTHERWISE.

SPLICE RAFTER HOGS ONLY AT A ROOF BRACE.

FB (PSI)

600

1.400

C (PSI)(PARALLEL)

1,550

1 4F LUMBER

1 1 50

.600

2,500 950

Top plate.

Bottom plate-

Top plate -

FB (PSI

🗕 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

EXTERIOR WALL STUD SCHEDULE

MATERIAL # 2 SPRUCE PINE FUR 875

APPLICATION FB (PSI) GIRDERS & BEAMS (LVL,PSL) 2,600

COLUMNS (LSL) & RIMBOARDS I ,700

SOUTHERN YELLOW PINE

APPLICATION GIRDERS & BEAMS

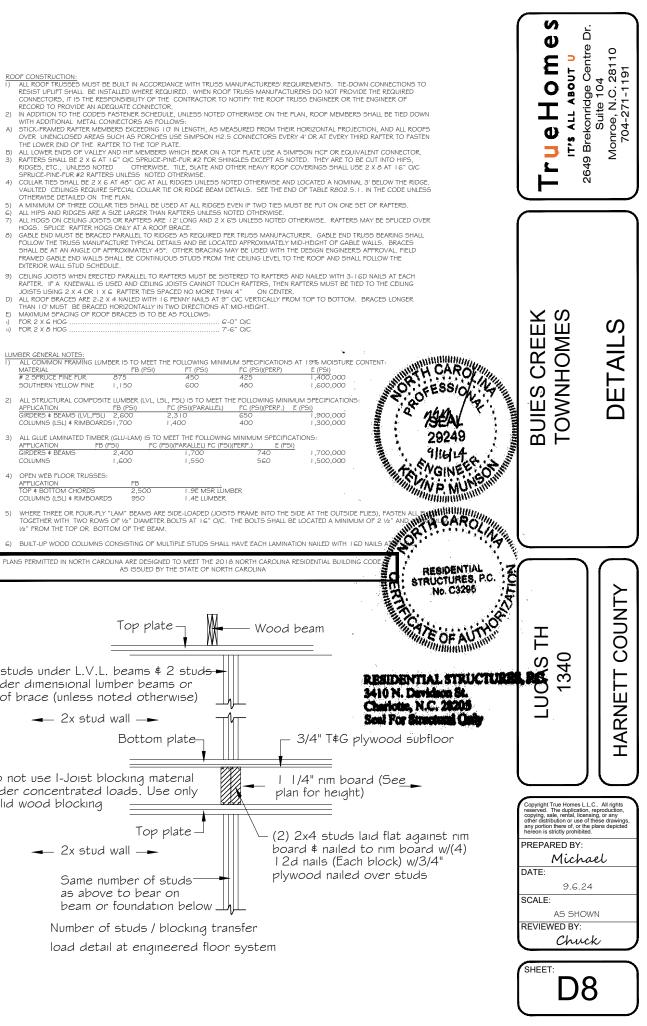
4) OPEN WEB FLOOR TRUSSES:

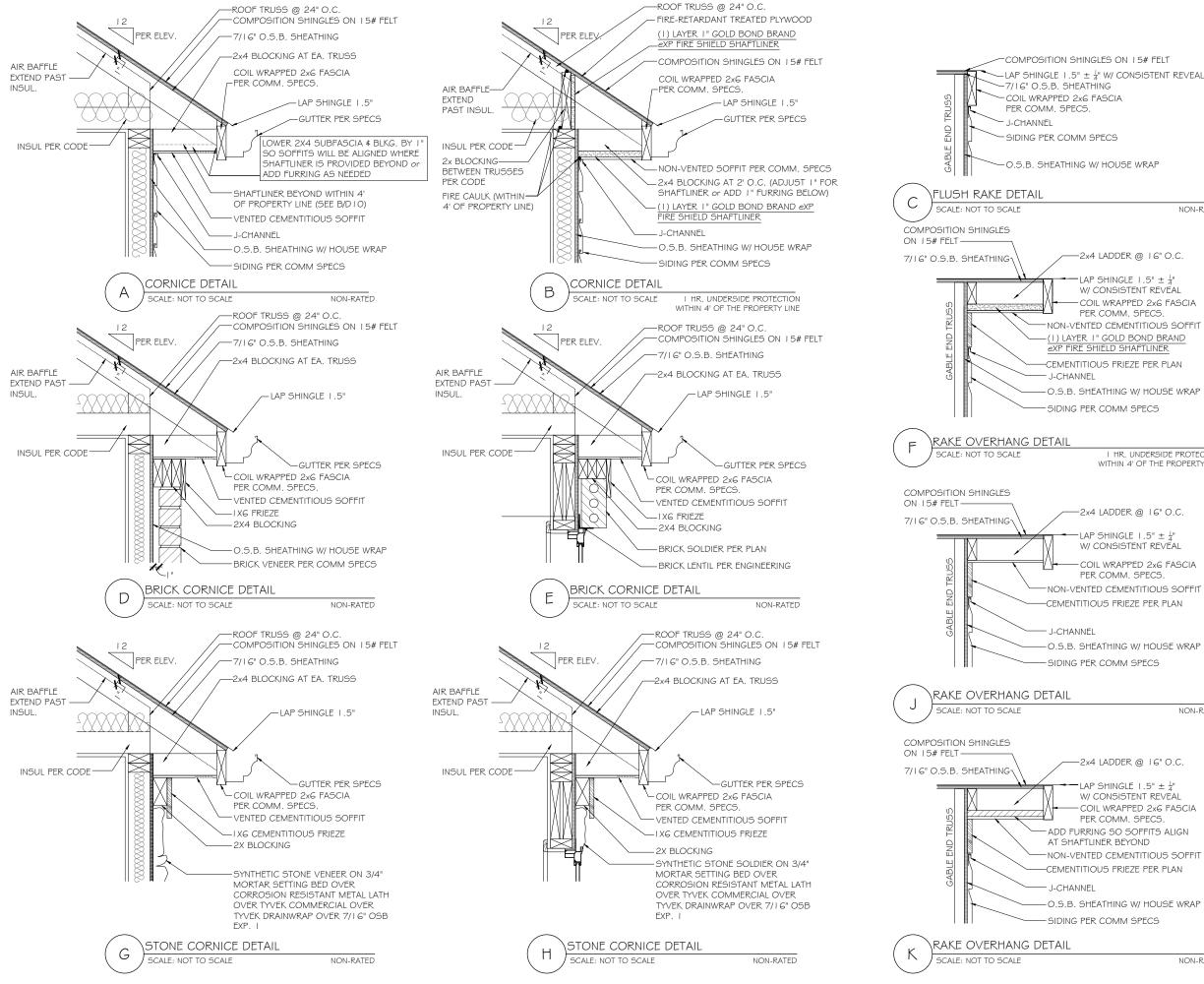
APPLICATION TOP \$ BOTTOM CHORDS

COLUMNS (LSL) & RIMBOARDS

FOR 2 X 6 HOG

FOR 2 X 8 HOG





NON-RATED

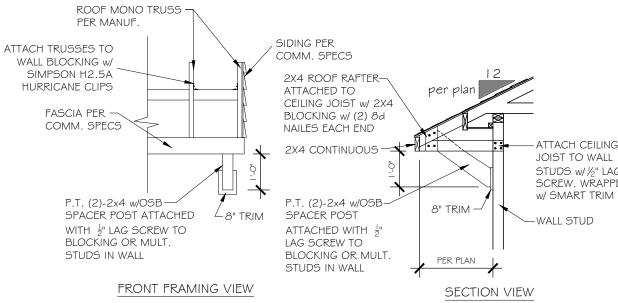
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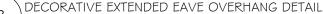
I HR. UNDERSIDE PROTECTION WITHIN 4' OF THE PROPERTY LINE

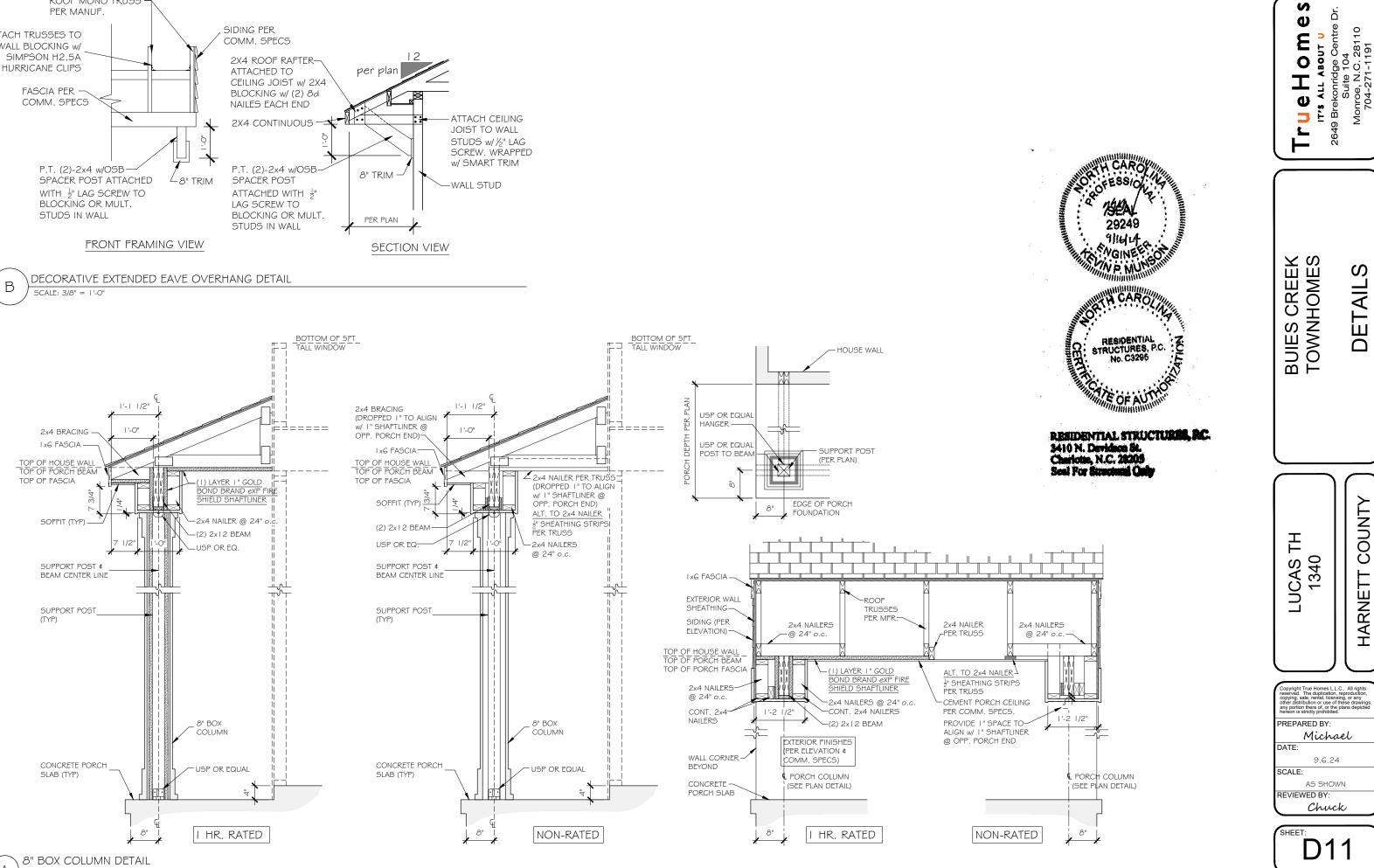
NON-RATED

LUCAS TH 1340	HARNETT COUNTY
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PREPARED BY: Micho	el.
DATE:	
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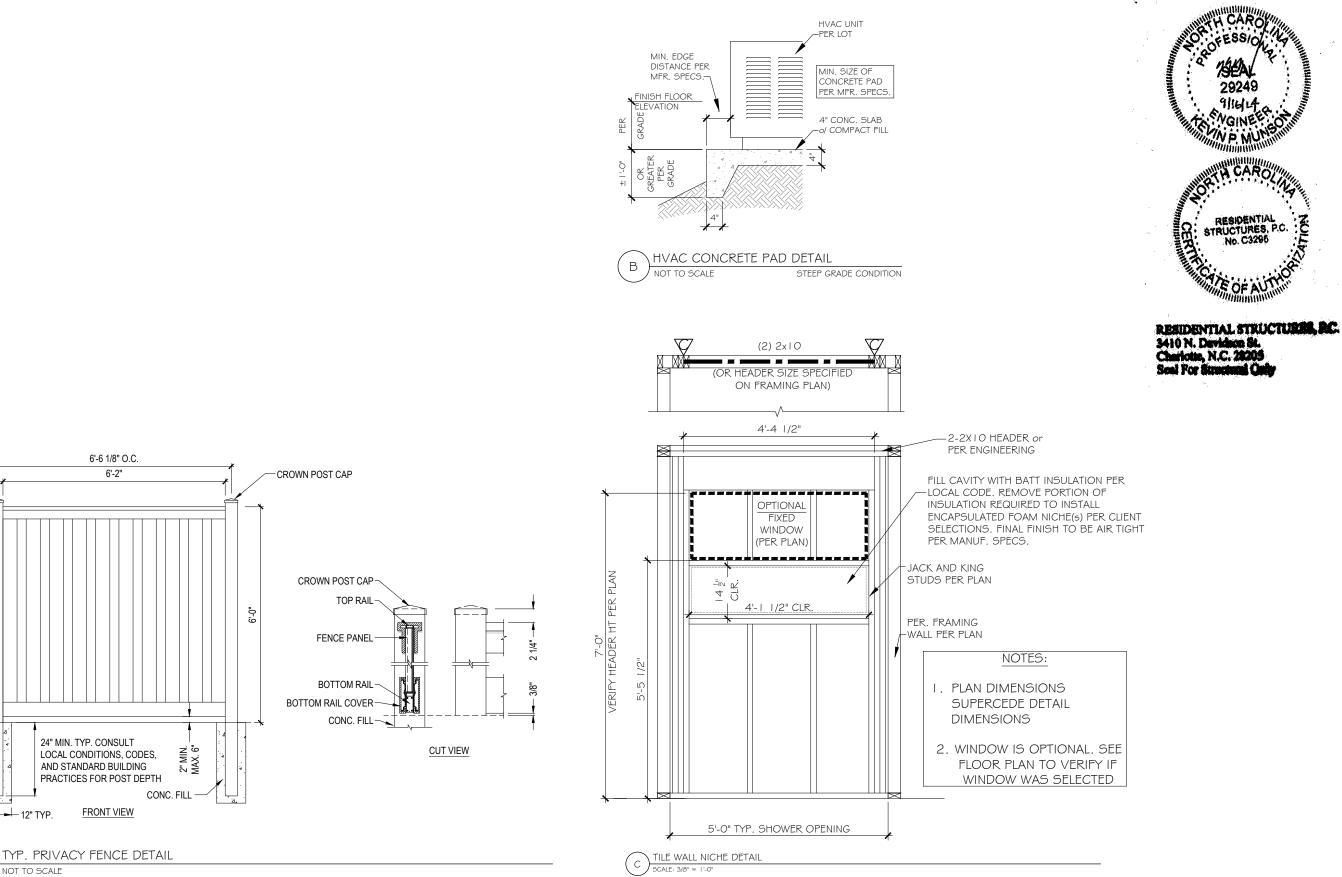
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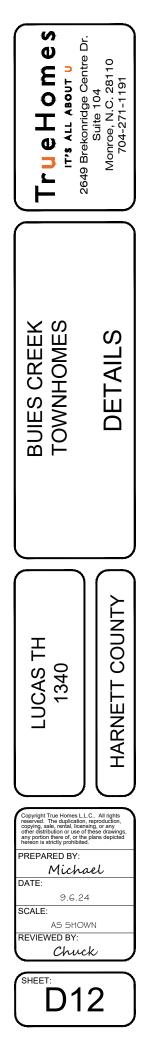
HARNETT

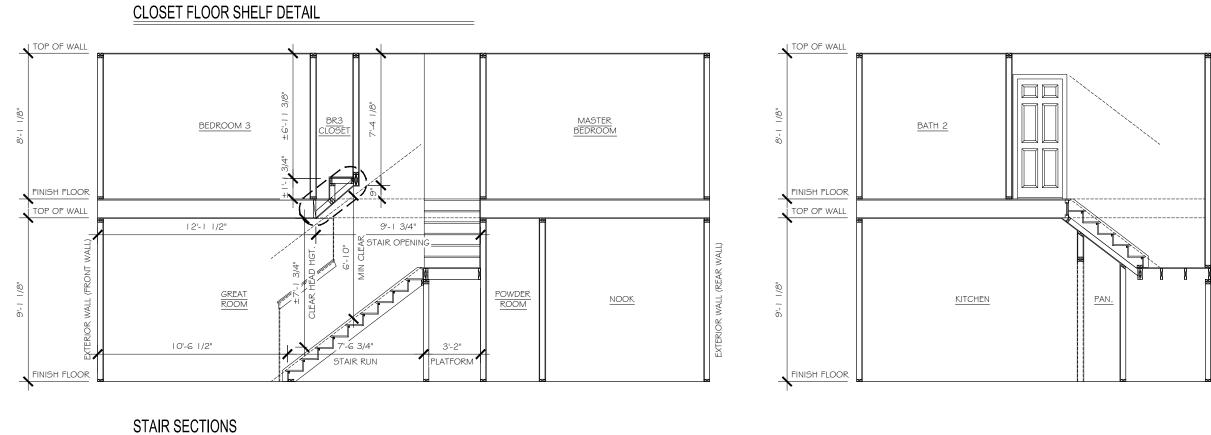
А SCALE: 1/2" = 1'-0"



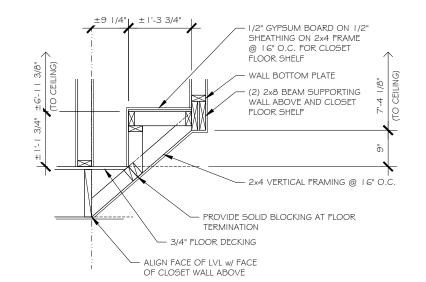
А NOT TO SCALE

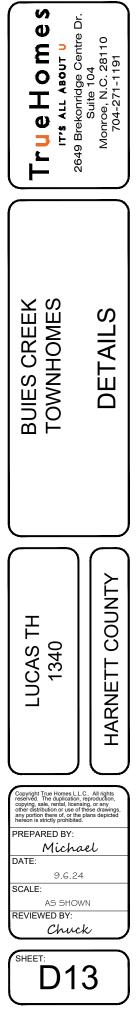
**→** 12" TYP.

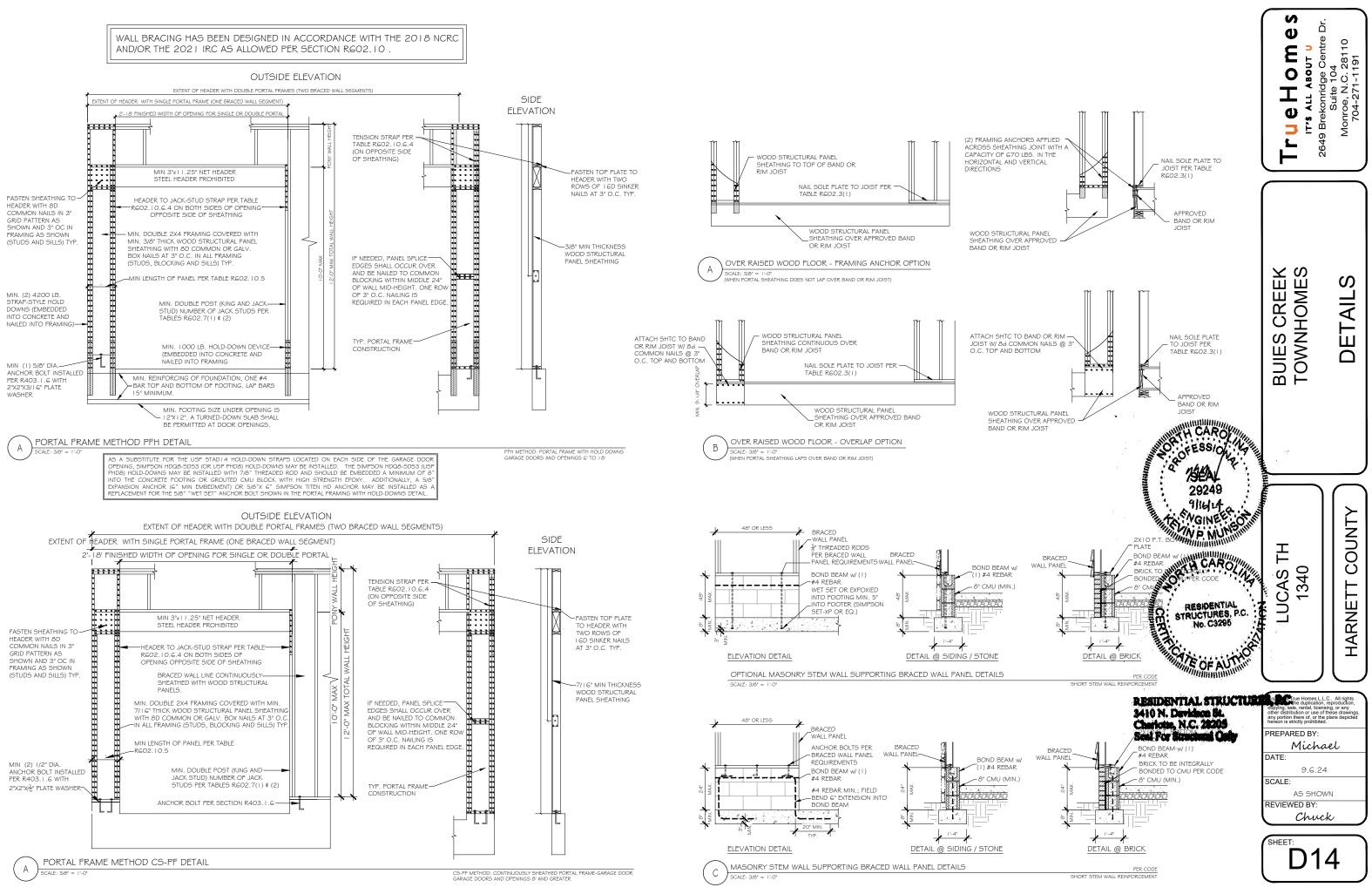


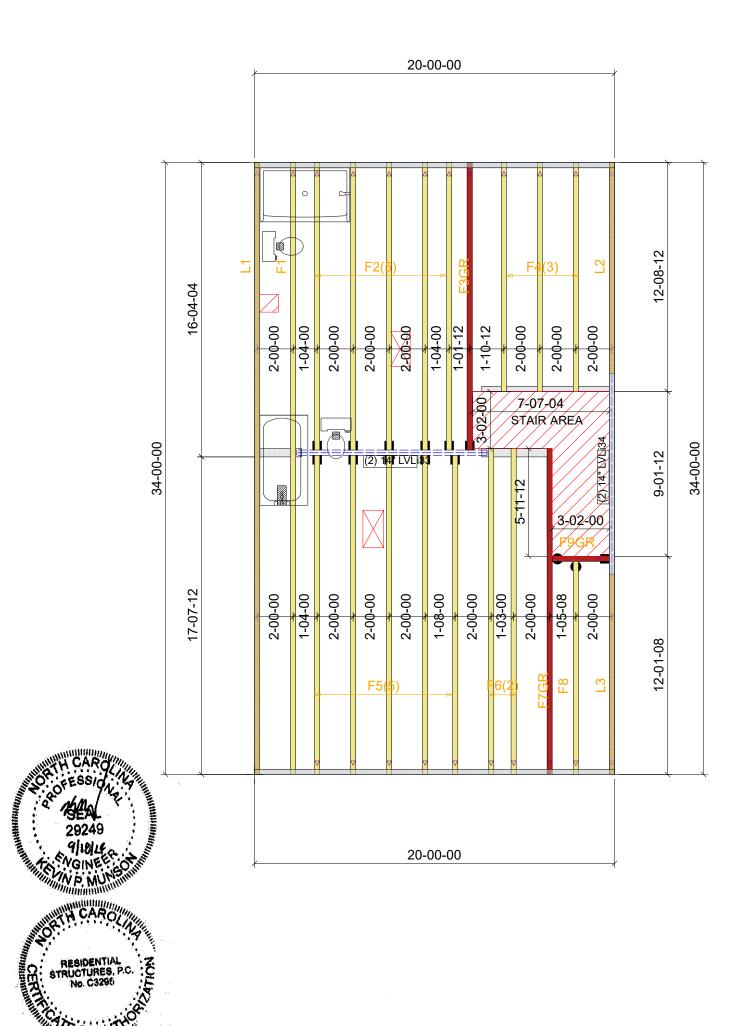


TWO-STORY UNITS





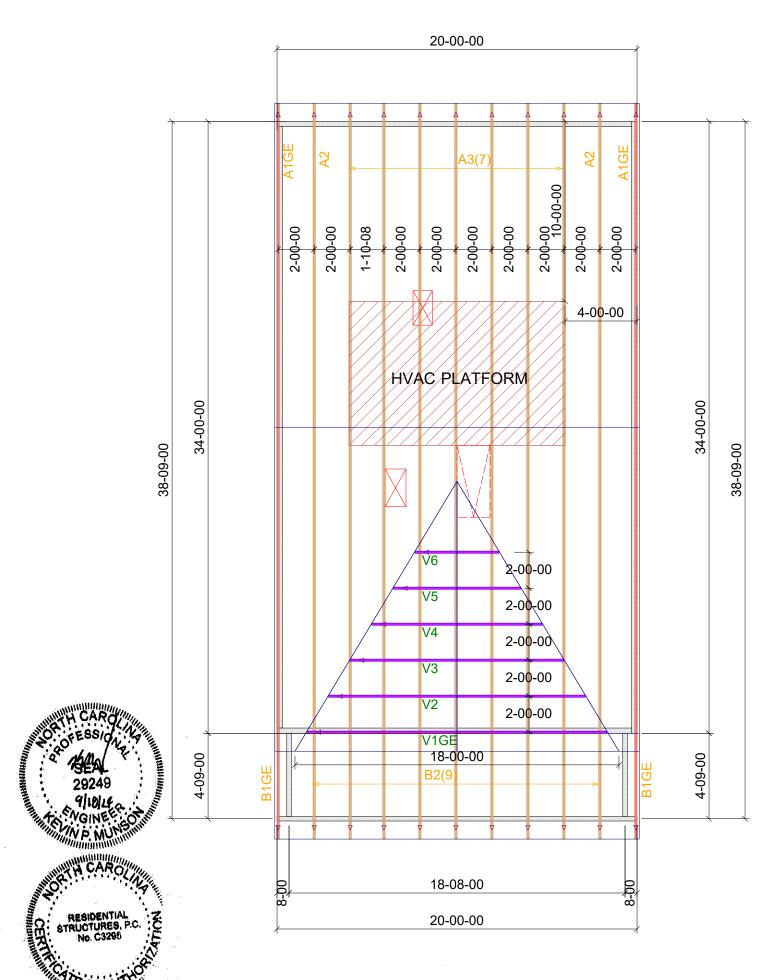




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The	THE BUILDING CENTER, INC.	Notes:		Job Desc:	LUCAS TH	- 1340		
Building	2501 Jonking Daimy Dd			Site Information	on:			
U U	2591 Jenkins Dairy Rd PH. (704) 824-8182				Lot 17 - BC	ТН		
Center, Inc.	FAX. (704) 824-8182							
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				Drafter:	PG/LN	Job #:	240954	57F
incorporated into the building design at the specifica design identified on the placement drawing. The bu	These trusses are designed as individual building components tion of the building designer. See individual design sheets for e ilding designer is responsible for temporary and permanent brac The design of the truss support structure including headers, bea	each truss cing of the	THIS LAYOUT IS THE SOLE SOURCE FOR FAI OTHER TRUSS LAYOUTS. REVIEW AND APPI BE BUILT. VERIFY ALL CONDITIONS TO INSU	BRICATION OF	S LAYOUT MUST BE RE	ECEIVED BEF	ORE ANY TRUS	SSES WILL
	igner. For general guidance regarding bracing, consult "Bracing		REVIEWED BY:	APPROVEI	D BY:		DATE:	



RESIDENTIAL STRUCTURES 3410 N. Devideon St. Charlotte, N.C. 28205 Seal For Structure Quity			JSS LAYOUT			Hangers         ##) #########         ##) #########         ##) ##################################
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The	THE BUILDING CENTER, INC.	Notes:		Job Desc:	LUCAS TH	- 1340
Building Center, Inc.	2591 Jenkins Dairy Rd PH. (704) 824-8182 FAX. (704) 824-2232			Site Informati	Lot 17 - BC	CTH
				Salesman:	NA	Date: 09/13/2024
				Drafter:	PG/PM	Job #: 24095457
incorporated into the building design at the specific design identified on the placement drawing. The bu roof and floor system and for the overall structure.	. These trusses are designed as individual building component ation of the building designer. See individual design sheets for ilding designer is responsible for temporary and permanent bra The design of the truss support structure including headers, be:	each truss cing of the ams, walls,	THIS LAYOUT IS THE SOLE SOURCE FO OTHER TRUSS LAYOUTS. REVIEW AND BE BUILT. VERIFY ALL CONDITIONS TO	R FABRICATION C APPROVAL OF TH	HIS LAYOUT MUST BE	RECEIVED BEFORE ANY TRUSSES WILL
and columns is the responsibility of the building des Trusses" available from the Truss Plate Institute, 58	igner.  For general guidance regarding bracing, consult "Bracing 3 D'Onifrio Drive; Madison, WI 53179.	g of wood	REVIEWED BY:	APPROV	ED BY:	DATE:

# North Carolina 2018 - R402.1.5 Total UA

#### Property

Buies Creek 17

234 Camel Crazies Pl Lillington, NC 27546 Model: 1340 Lucas A1\_TH-EndUnit\_3 Community: Buies Creek

True\_Buies Creek 17\_1340 Lucas A1\_TH-E

Organization

Jeremy Price

Inspection Status Results are projected

#### Builder

True Homes

Performance Point, LLC.

### This report is based on a proposed design and does not confirm field enforcement of design elements.

**Building UA** 

Elements	NC Reference	As Designed
Ceilings	20.4	17.6
Above-Grade Walls	82.9	82.8
Windows, Doors and Skylights	68.2	60.5
Slab Floor:	36.8	36.8
Framed Floors	0.0	0.0
Foundation Walls	0.0	0.0
Rim Joists	5.1	5.0
Overall UA (Design must be equal or lower):	213.4	202.7

#### Requirements

$\bigcirc$	R402.1.5	Total UA alternative compliance passes by 5.0%.	The proposed home meets the UA requirement by 5.0%
$\bigcirc$	R402.3.2	Average SHGC: 0.30 Max SHGC: 0.30	Average SHGC of 0.30 is greater than the maximum of 0.30.
$\bigcirc$	R402.4.2.2	Air Leakage Testing	Air sealing is 5.00 ACH at 50 Pa. It must not exceed 5.00 ACH at 50 Pa.
$\bigcirc$	R402.5	Area-weighted average fenestration SHGC	Area-weighted average fenestration SHGC is 0.3. The maximum allowed value is [No Limit].
$\bigcirc$	R402.5	Area-weighted average fenestration U-Factor	
$\bigcirc$	R404.1	Lighting Equipment	At least 75.0% of fixtures shall be high-efficacy lamps, currently 75.0% are high-efficacy.
$\bigcirc$	Mandatory Checklist	Mandatory code requirements that are not checked by Ekotrope must be met.	2015 IECC Mandatory Checklist must be checked as complete.
$\bigcirc$	R403.3.1	Duct Insulation	Duct insulation meets the requirements specified in North Carolina 2018 Code Section 403.3.1.
$\bigcirc$	403.3.3	DuctTesting	

# Design exceeds requirements for North Carolina 2018 Prescriptive compliance by 5%.

Name: Jeremy Price

Organization:

Performance Point, LLC.

Signature:

Digitally signed:

9/18/24 at 12:00 PM

Ekotrope RATER - Version 4.2.2.3482

North Carolina 2018 Prescriptive compliance results calculated using Ekotrope RATER's energy and code compliance algorithm, including appropriate amendments. Ekotrope RATER is a RESNET Accredited HERS Rating Tool. All results are based on data entered by Ekotrope users.

Ekotrope disclaims all liability for the information shown on this report.

#### Property

234 Camel Crazies Pl Lillington, NC 27546 Model: 1340 Lucas A1\_TH-EndUnit\_3 Community: Buies Creek **Organization** Performance Point, LLC.

Jeremy Price

Inspection Status Results are projected

#### Builder

True Homes

Buies Creek 17 True\_Buies Creek 17\_1340 Lucas A1\_TH-E

### **General Building Information**

Conditioned Area (sq ft)	1,360
Conditioned Volume (cubic ft)	12,523
Insulated Shell Area (sq ft)	3,349.1

The building energy model in Ekotrope reflects the building assemblies and energy features listed below. Sometimes energy features will change in the field from what has been modeled. The inspection process should identify any changes and ensure that the home continues to meet the applicable energy code.

#### Slab

-		
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Name: House Slab(680 s.f., 74 ft. exterior perimeter) R-10 perimeter insulation, R-0 under slab insulation.

## **Framed Floor**

None Present

#### **Foundation Wall**

None Present

## Above Grade Wall

Name: 2x4 Ambient (1,241 s.f.) R-0 continuous insulation, R-15 cavity insulation Insulation Grade: I

Name: Niche (2 s.f.)
R-0 continuous insulation, R-0.5 cavity insulation
Insulation Grade: I

Name: 2x4 Kneewall (28.9 s.f.) R-0 continuous insulation, R-15 cavity insulation Insulation Grade: I

#### Property

234 Camel Crazies Pl Lillington, NC 27546 Model: 1340 Lucas A1\_TH-EndUnit\_3 Community: Buies Creek

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Buies Creek 17 True\_Buies Creek 17\_1340 Lucas A1\_TH-E



Name: 2x4 Adiabatic (584.4 s.f.) R-0 continuous insulation, R-11 cavity insulation Insulation Grade: I

## **Rim Joist**



Name: Ambient (66.4 s.f.) R: 13.30



Name: Attic (24.6 s.f.) R: 13.30



Name: Adiabatic (41.8 s.f.) R: 13.30

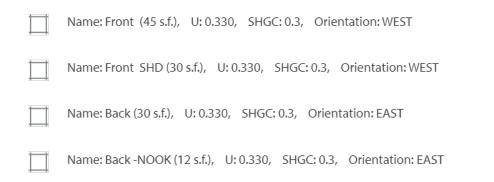
## Ceiling / Roof

Name: Ceiling 6:12 (680 s.f.) R-28.5 continuous insulation, R-9.5 cavity insulation Insulation Grade: I

#### **Opaque Door**

Name: Front Door (20 s.f.) R: 7.00

#### Glazing



2

#### Property

234 Camel Crazies Pl Lillington, NC 27546 Model: 1340 Lucas A1\_TH-EndUnit\_3 Community: Buies Creek

#### Organization

Performance Point, LLC. Jeremy Price

**Inspection Status** Results are projected

# Builder

True Homes

Buies Creek 17 True\_Buies Creek 17\_1340 Lucas A1\_TH-E

Name: Back - Kitchen (10 s.f.), U: 0.330, SHGC: 0.3, Orientation: EAST

Name: Back Door (17.8 s.f.), U: 0.330, SHGC: 0.3, Orientation: EAST

Name: Left (30 s.f.), U: 0.330, SHGC: 0.3, Orientation: NORTH

### Skylight

None Present

#### **Mechanical Ventilation**

None Present

### **Mechanical Equipment**

Water Heater • Electric • 100% Hot Water Load @ 0.93 UEF

Heat Pump / All • Electric • 100% Heating Load @ 8.2 HSPF, 100% Cooling Load @ 14 SEER

## Air Leakage Control

Test Status: Blower-door tested House is air-sealed as to achieve 1,044 CFM50 (5.00 ACH50) or less at final blower-door test.

Infiltration Requirements for IECC in Climate Zone 4

2009 IECC Infiltration limit for the design home is 7 ACH50. 2012 IECC Infiltration limit for the design home is 3 ACH50. 2015 IECC Infiltration limit for the design home is 3 ACH50. 2018 IECC Infiltration limit for the design home is 3 ACH50. 2021 IECC Infiltration limit for the design home is 5 ACH50. Note: Under IECC 2021, this home is considered to be in Climate Zone 3

#### Property

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#### Builder

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# Duct Leakage

Buies Creek 17

Duct System 1

NOT entirely within conditioned space, testing required Leakage to Outside specified as: 4 CFM25 / 100 ft<sup>2</sup> Total Leakage specified as: 4 CFM25 / 100 ft<sup>2</sup> (Post-Construction)

## **Duct Leakage Code Requirements for IECC**

2009 IECC:

Postconstruction Leakage Test: Duct Leakage to Outdoors <= 8 CFM25 / 100 sq ft CFA. Rough in Test with AHU: Total Duct Leakage <= 6 CFM25 / 100 sq ft CFA. Rough in Test without AHU: Total Duct Leakage <= 4 CFM25 / 100 sq ft CFA.

2012 IECC Mandatory, 2015, 2018, & 2021 IECC Prescriptive Paths:

Postconstruction Leakage Test: Total Duct Leakage <= 4 CFM25 / 100 sq ft CFA. Rough in Test with AHU: Total Duct Leakage <= 4 CFM25 / 100 sq ft CFA. Rough in Test without AHU: Total Duct Leakage <= 3 CFM25 / 100 sq ft CFA.

\* Note: IECC 2021 requires Total Duct Leakage <= 8 CFM25 / 100 sq ft CFA when all ducts and air handlers are within the building thermal envelope.

2015 and 2018 IECC Performance Paths (Cost Compliance):

Leakage testing is required UNLESS all ducts and air handlers are located entirely within the thermal envelope. There is no pass/fail threshold for duct leakage on the performance path.

## **Project Notes**

MiC\_09/17/2024\_Performance Report Used Worst Orientation (W) SC\_9/18/2024\_QC True\_1340 Lucas A1\_TH-EndUnit\_3

# Energy Specifications Label 234 Camel Crazies Pl

Model: 1340 Lucas A1\_TH-EndUnit\_3 Ekotrope RATER - Version: 4.2.2.3482

#### Building Envelope Specs

Ceiling: R-38 Above Grade Walls: R-15 Foundation Walls: N/A Exposed Floor: N/A Slab: R-10 Infiltration: 5 ACH50 Duct Insulation: Supply: R8, Return: R8 Duct Lkg to Outdoors: 4 CFM25 / 100 ft<sup>2</sup>

#### Window & Door Specs

U-Value: 0.33, SHGC: 0.3 Door: R-7

#### Mechanical Equipment Specs

Heating: Air Source Heat Pump • Electric • 8.2 HSPF Cooling: Air Source Heat Pump • Electric • 14 SEER Hot Water: Residential Water Heater • Electric • 0.93 UEF Average Mechanical Ventilation: 0 CFM

#### Builder or Design Professional

Signature:

# **Builder Affidavit**

Property 234 Camel Crazies Pl Lillington, NC 27546 Model: 1340 Lucas A1\_TH-EndUnit\_3 Community: Buies Creek

Buies Creek 17 True\_Buies Creek 17\_1340 Lucas A1\_TH-E **Organization** Performance Point, LLC. Jeremy Price Inspection Status Results are projected

# Builder

True Homes

# Important Notice to Builder

Builder affirms in this affidavit that all building characteristics described in the Building Summary Report accurately reflect this New Home. Builder agrees to allow the Home Energy Rating System (HERS) Provider and/or Rater to verify building characteristics of this New Home fully at the HERS Rater/Provider's discretion. The HERS Provider and Rater do not create or imply any duty or obligations to Builder or any subsequent owner. Builder is responsible for taking any actions necessary to protect Builder's interest. There is no guarantee or warranty whatsoever expressed or implied from the HERS Provider or Rater.

HERS<sup>®</sup> Index Score:76

Builder Name: True Homes

Builder Signature: \_\_\_\_\_

Name:	Jeremy Price	Signature:	Am	
Organization:	Performance Point, LLC.	Digitally signed:	9/18/24 at 12:00 PM	