As directed by the North Carolina Board of Architecture and Registered Interior Designers, architectural seals are not required for - and should not be placed by NVR on - these plans and specifications. These plans and specifications are prepared solely by, and for the exclusive use of, NVR, Inc. and are solely for a family residence consisting of eight or fewer attached units with grade level exits and which is not part of or physically connected with any other buildings or residential units. NVR, Inc. does not provide any third party the opportunity to customize these plans. The respective drawings contained herein shall be used only as construction assembly drawings by NVR, Inc. and its subcontractors. Any unauthorized use of these plans with the written consent of NVR, Inc. is prohibited. As directed by the North Carolina Board of Architecture and Registered Interior Designers, architectural seals are not required for – and should not be placed by NVR on – these plans and specifications.

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Page	Sheet	Description	Page	Sheet	Description Page	Sheet	Description	
_1	CS-1	COVERSHEET						
1.1	SS-1	SPEC SHEET						
2	CA-1	ROOF VENT AND VOLUME CALCULATIONS						
4	NC-1	ELEVATIONS						
7	NC-3	FOUNDATION						
8	NC-4	FOUNDATION HOLD DOWN						
9	NC-5	PLUMBING						
11	NC-7	FIRST FLOOR PLAN						
12	NC-8	BUILDING SECTION						
13	NC-9	BUILDING SECTION - GARAGE						
20	S-3	ROOF FRAMING						
21	S-4	TRUSS BRACING DETAILS						
22	S-5	WALL BRACING DETAILS						
	AD-1	HOUSE DETAILS						
	DR-1	STANDARD DETAILS						
	DR-1B	STANDARD DETAILS						
	DR-3	STANDARD DETAILS						
	ET-1	STANDARD DETAILS						
	ET-1B	STANDARD DETAILS						
	ET-1C	STANDARD DETAILS						
	ET-1D	STANDARD DETAILS						
	ET-1H	STANDARD DETAILS						
	ET-3	STANDARD DETAILS						
	ET-3B	STANDARD DETAILS						
	ET-3C	STANDARD DETAILS						
	F-1	FLASHING DETAILS						
	F-1B	FLASHING DETAILS						
	F-1C	FLASHING DETAILS						
	F-1D	FLASHING DETAILS						
	F-3	FLASHING DETAILS-STONE						
	F-3B	FLASHING DETAILS						
	FA-1B	ASSEMBLY DETAILS						
	FC-1	FRAMING/FASTENER DETAILS						
	FC-1B	FRAMING AND FASTENER DETAILS						
	FC-2	FRAMING/FASTENER DETAILS						
	FC-3	FASTENER DETAILS						
	FC-4	FRAMING/FASTENER DETAILS						
	FC-5	FRAMING/FASTENER DETAILS						
	FD-1	STANDARD DETAILS						
	FD-1B	FOUNDATION DETAILS						
	FD-4	STANDARD DETAILS						
	FD-7	FOUNDATION DETAILS						
	GB-1	STANDARD DETAILS						
	RF-1	STANDARD DETAILS						
	RF-1B	STANDARD DETAILS						
	RF-1C	STANDARD DETAILS						
	SEP-1	SEP DETAILS						
	SEP-2	SEP DETAILS						
	SEP-3	SEP DETAILS						
	SEP-4	SEP DETAILS						
	SP-1	SAFETY DETAILS						
	SP-2	SAFETY DETAILS						
	SP-3	SAFETY DETAILS						
	WB-2	WALL BRACING DETAIL						
	WD-1	STANDARD DETAILS						
	WD-3 WS-1B	STANDARD DETAILS STANDARD DETAILS						
						1		

DIV-COM

COMM-LO

| ----- - --STREET A

CITY

ST	RL	TUF	RA!	- D	ES

ALL LOCAL AND STATE CODES ROOF LIVE LOAD 20 psf ULTIMATE WIND SPEED 130 mph WIND EXPOSURE CATEGORY B SEISMIC DESIGN CATEGORY A / B

IM-LOT-UNIT	

COMM-LOT		
STREET ADDRESS		APT. NO.
CITY	STATE	ZIP
	•	



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NVR, Inc. 5285 Westview Drive, Suite 100 Frederick, MD 21703

FIRST FLOOR SQUARE FOO	OTAGE TOTAL SQ. FT.
IST FLOOR CRAWL / SLAB FOUNDATION (BASE SF)	1533 SF
	1533 SF
GARAGE SQUARE FOOT	AGE
DESCRIPTION	TOTAL SQ. FT.
TWO CAR GARAGE CRAWL / SLAB FOUNDATION	443 SF
	443 SF
UNFINISHED SQUARE FOO DESCRIPTION REAR COVERED PORCH (ADD. SF) FRONT COVERED PORCH (ADD. SF)	TAGE TOTAL SQ. FT. 140 SF 25 SF 165 SF
TOTAL FINISHED SQUARE FOR	DOTAGE TOTAL SQ. FT.
IST FLOOR CRAWL / SLAB FOUNDATION (BASE SF)	1533 SF
	1533 SF
	NO. PAGE NO.

BIGN CRITERIA

the purpose of residential sale in NVR, Inc. communities		FOUNDA		
	ions are designed for the exclusive use by NVR, Inc. for construction. As such, these products are offered for is only. NVR, Inc. is a production homebuilder and does not customize these plans. The respective drawings	2. Concrete strength p	and reinforced concret footings shall be pour per Table R402.2. Cor 3,000 psi minimum stren	ed a m ncrete
and their sub-contractors. consent of NVR, Inc. is prof	y be used as construction assembly drawings by NVR, Inc. Any unauthorized use of these plans without the written hibited. All standard notes, section markers, elevation that reference "A-#" shall be considered "NC-#" for	3. Walls and	ight conditions may rec footings designed as ι δpecial soil and/or site	Unreinfo
sheet reference. These plans are subjected	l to modification as necessary to meet code requirements	4. Footing fr	rost depth to be no les oil Bearing Capacity sh	ss than
improvements.	plumbing installations or to incorporate design scaled for construction purposes. Dimension lines and	6. Slab requ		
notes supersede all scale Single Family Attached/Det be installed in accordance This note sheet only covers		represent as require Non-struct / undisture	ted on plans as nominal ed per Section 506 and tural garage slabs shal bed soil per Table R4C qaraqe slabs utilizing	l 4") o d a mi II be n)2.2 . 5
Section 301.1.3.	5	PSI air-er Porch slal	ntrained concrete. b and exterior concret	e worl
conform to all current appl NCRC 2018, NCMC 2018 NCEC 2018, NCFPC 2018	s major code requirements. The plans are intended to licable codes including, but not limited to: 3, NCPC 2018, NCFGC 2018, NEC 2020 w/ NC Amendments, 18	7. Unconditio foot for e vapor ret square fo	with 6x6 WI.4xWI.4 mes ned crawl spaces shall each 150 square feet c arder, in which case th oot for each 1,500 squc	l have of area e minir are fea
2. Constr. Type: V-B 3. Max Stories: 3		8. Foundation	mm) of each corner of n drains shall be locate charge by gravity or me	ed per
Energy and m	(ECHANICAL	installed p	ourse of block of found	
of the 2018 North Carolina 2015 International Energy (r 2018 NCRC Chapter II, Energy Efficiency, or Chapter 4 a Energy Conservation Code (NCECC), or Chapter 4 of the Conversation Code (IECC), Residential Energy Efficiency d. See NVR "Standard Energy Package" for field	block sha 10. Block pier 11. A poured	Il be filled with mortar. rs to be solid block or concrete foundation w ft. may be substituted i	morto all des
R-values shown below are		parging fr approved	and masonry foundation rom footing to top of f I bituminous material ap	inished
MATE FENESTRATION GLAZ ONE U-FACTOR FENESTR 3 0.35 0.30	ATION R-VALUE R-VALUE R-VALUE WALL R-VALUE SPACE 2x4 / 2x6 R-VALUE WALL R-VALUE & DEPTH WALL UNFIN. / FIN.	I3. Where rea approved membrane	quired, concrete and ma I membrane extending f shall be lapped and s . Waterproofing to be	' asonry From fo Sealed
4 0.35 0.30		I4. Reserved	l for future use. n framing anchors shall	
sized using ÁĊCA Manual E Upgrades for improved ene	ed based on ACCA Manual J calculations. Ductwork is D. Minimum efficiencies of equipment are as listed below. Iergy performance may be installed.	Simpson S concrete in the mide those 24"	btrong-Tie MASA / USP or grouted cell, l'-O" m dle third of the width o ' in length or shorter sh without anchor straps. T	FA3 (10 naximum of the p nall hav
- Air conditioner - 14 9 - Gas furnace - 92% / - Heat Pump - 8.2 HSP	/ 96%	.229" × 3'	' x 3" plate washer per stories shall be 4'.	
temperatures shall be 75°F	peratures shall be 70°F and summer interior design F. Exterior design temperatures vary based on Ire listed on the Manual J calculations.		umns and bases shall be orrosion resistance pe nry veneers:	
	ns are based on the following specifications:	by 7/8 inc	3.8.4.1 - Corrugated she h. Each tie shall be spo support not more than	aced n
Soffit vent: N	Minimum 18 sq. in. of vent per linear foot Minimum 9.9 sq. in. of vent per linear foot Minimum 45 sq. in. of vent per unit	Design Co	ategory C and in wind c support not more than 2	areas a
2	y Package" for field procedures and details.	mm) in eith	l metal ties shall be pri ner dimension. Metal tie	es arou
		Per R703	et (9144 mm) on center 3.2 - One layer of No. 1:	•
		•	led behind brick.	o olopii
Decirki i Alac			R703.8.4 - Provide r	ninimum
-		Per R703 immediate	3.8.6 - Provide minimum ly above the flashing.	minimum З/16" с
-	- 40# P.S.F. (Live)	Per R703 immediate Per R703 used, 6 mi moisture p	3.8.6 - Provide minimum Iy above the flashing. 3.8.5 - When veneer of Il plastic flashing shall b penetration behind the	minimum 3/16" c brick, be atto
able of Loads for House Struc	- 40# P.S.F. (Live) - 10# P.S.F. (Dead) unless noted otherwise by calculations - 30# P.S.F. (Live) unless noted otherwise	Per R703 immediate Per R703 used, 6 mi moisture p 18. Reserved 19. Foundation	3.8.6 - Provide minimum Iy above the flashing. 3.8.5 - When veneer of Il plastic flashing shall b Denetration behind the I for future use. In wall strip footing thic	minimum 3/16" c brick, be atto veneer kness
able of Loads for House Struc Floor Living Areas	- 40# P.S.F. (Live) - 10# P.S.F. (Dead) unless noted otherwise by calculations	Per R703 immediate Per R703 used, 6 mi moisture p 18. Reserved 19. Foundation noted as wall shall	3.8.6 - Provide minimum Iy above the flashing. 3.8.5 - When veneer of Il plastic flashing shall b benetration behind the I for future use.	minimum 3/16" c brick, be atto veneer kness ig. Strij ting thi
Table of Loads for House Strue Floor Living Areas Floor Sleeping Areas Garage Floors	 - 40# P.S.F. (Live) - 10# P.S.F. (Dead) unless noted otherwise by calculations - 30# P.S.F. (Live) unless noted otherwise by calculations - 10# P.S.F. (Dead) unless noted otherwise by calculations - 10# P.S.F. (Dead) unless noted otherwise by calculations - 50# P.S.F. (Live) - 50# P.S.F. (Dead) 	Per R703 immediate Per R703 used, 6 ml moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20.Block four plans pro	3.8.6 - Provide minimum ily above the flashing. 3.8.5 - When veneer of il plastic flashing shall h benetration behind the for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great ndation walls may be su vided all requirements	minimum 3/16" c brick, be atto veneer veneer sg. Strij ting thi cer that of Sec
able of Loads for House Strue Floor Living Areas Floor Sleeping Areas Garage Floors	 - 40# P.S.F. (Live) - 10# P.S.F. (Dead) unless noted otherwise by calculations - 30# P.S.F. (Live) unless noted otherwise by calculations - 10# P.S.F. (Dead) unless noted otherwise by calculations - 10# P.S.F. (Dead) unless noted otherwise by calculations - 50# P.S.F. (Live) - 50# P.S.F. (Dead) - 20# P.S.F. (Live) - 10# P.S.F. (Dead) 	Per R703 immediate Per R703 used, 6 ml moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20.Block four plans pro	3.8.6 - Provide minimum ily above the flashing. 3.8.5 - When veneer of il plastic flashing shall h benetration behind the if for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great indation walls may be su vided all requirements reatment provided belo	minimum 3/16" c brick, be atto veneer kness ng. Strij ting thi cer that of Sec ow slab
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Table of Loads for House Struc Floor Living Areas Floor Sleeping Areas Garage Floors Roof Areas - Top Chord	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Live) 50# P.S.F. (Live) 10# P.S.F. (Dead) 20# P.S.F. (Live) 10# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per 	Per R703 immediate Per R703 used, 6 ml moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20.Block four plans pro 21. Termite tr	8.8.6 - Provide minimum ily above the flashing. 8.8.5 - When veneer of il plastic flashing shall be benetration behind the for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great indation walls may be su vided all requirements reatment provided below FOUNDA NCRBC PRESCRIPTIV WALL THICKNESS	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer that of Sec ow slab TIC TIC TIC
Table of Loads for House Struc Floor Living Areas Floor Sleeping Areas Garage Floors Roof Areas - Top Chord - Bottom Chord Habitable Attics	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Live) 50# P.S.F. (Dead) 20# P.S.F. (Dead) 10# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per Table R301.2(4) Exposure category 'B' Areas up to 130 mph ultimate wind speed per 	Per R703 immediate Per R703 used, 6 ml moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20. Block four plans pro 21. Termite tr	3.8.6 - Provide minimum Ily above the flashing. 3.8.5 - When veneer of Il plastic flashing shall be benetration behind the for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great indation walls may be su vided all requirements reatment provided below NCREC PRESCRIPTIV WALL LATERAL S	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer tha of Sec box slab TIC TIC
Table of Loads for House Struc Floor Living Areas Floor Sleeping Areas Garage Floors Roof Areas - Top Chord - Bottom Chord Habitable Attics Trusses	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Live) 50# P.S.F. (Live) 20# P.S.F. (Dead) 20# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per Table R301.2(4) Vult 115 mph 130 mph 	Per R103 immediate Per R103 used, 6 mi moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20. Block four plans pro 21. Termite tr	8.8.6 - Provide minimum Ily above the flashing. 8.8.5 - When veneer of Il plastic flashing shall I benetration behind the for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great indation walls may be su vided all requirements reatment provided below NCRBC PRESCRIPTIV WALL THICKNESS LOAD (a) 45	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer tha of Sec out slab TIC TIC OIL UNE
Table of Loads for House Struc Floor Living Areas Floor Sleeping Areas Garage Floors Coof Areas - Top Chord - Bottom Chord Habitable Attics Trusses Walls	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Live) 50# P.S.F. (Dead) 20# P.S.F. (Dead) 20# P.S.F. (Live) 10# P.S.F. (Dead) 20# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per Table R301.2(4) Exposure category 'B' Areas up to 130 mph ultimate wind speed per Table R301.2(4) Vult 115 mph 130 mph Vasd 89 mph 101 mph Note: Linear interpolation between contour lines permitted. 	Per R703 immediate Per R703 used, 6 ml moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20. Block four plans pro 21. Termite tr	8.8.6 - Provide minimum Ily above the flashing. 8.8.5 - When veneer of Il plastic flashing shall I benetration behind the for future use. In wall strip footing thic specified by engineerin not to exceed the foo entified as being great indation walls may be su vided all requirements reatment provided below NCRBC PRESCRIPTIV WALL THICKNESS LOAD (a 45 8"	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer tha of Sec bstitut. con slab TIC TIC
Table of Loads for House Struct Floor Living Areas Floor Sleeping Areas Garage Floors Roof Areas - Top Chord - Bottom Chord Habitable Attics Trusses Walls Stairs	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Live) 50# P.S.F. (Live) 10# P.S.F. (Dead) 20# P.S.F. (Live) (Attics without storage) 10# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per Table R301.2(4) Exposure category 'B' Areas up to 130 mph ultimate wind speed per Table R301.2(4) Vult 115 mph 130 mph Vasd 89 mph 101 mph Note: Linear interpolation between 	Per R103 immediate Per R103 used, 6 mi moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20. Block four plans pro 21. Termite tr	8.8.6 - Provide minimum Ily above the flashing. 8.8.5 - When veneer of Il plastic flashing shall I benetration behind the If for future use. n wall strip footing thic specified by engineerin not to exceed the foo entified as being great ndation walls may be su vided all requirements reatment provided below NCRBC PRESCRIPTIV WALL THICKNESS 45 8" 60	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer tha of Sec box slab TIC TIC
Table of Loads for House Strue Floor Living Areas Floor Sleeping Areas Garage Floors Roof Areas - Top Chord Battom Chord Habitable Attics Trusses Walls Stairs Allowable deflection of strue	 40# P.S.F. (Live) 10# P.S.F. (Dead) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 30# P.S.F. (Live) unless noted otherwise by calculations 10# P.S.F. (Dead) unless noted otherwise by calculations 50# P.S.F. (Dead) 50# P.S.F. (Dead) 20# P.S.F. (Live) 10# P.S.F. (Dead) 10# P.S.F. (Live) (Attics without storage) 20# P.S.F. (Live) (Attics with limited storage) 20# P.S.F. (Live) (Attics with limited storage) 10# P.S.F. (Dead) 30# P.S.F. (Live) Areas up to 130 mph ultimate wind speed per Table R301.2(4) Vult 115 mph 130 mph Vasd 84 mph 101 mph Note: Linear interpolation between contour lines permitted. 40# P.S.F. (Live) 10# P.S.F. (Live) 	Per R103 immediate Per R103 used, 6 mi moisture p 18. Reserved 19. Foundation noted as wall shall footing id 20. Block four plans pro 21. Termite tr	8.8.6 - Provide minimum Ily above the flashing. 8.8.5 - When veneer of Il plastic flashing shall I benetration behind the If for future use. n wall strip footing thic specified by engineerin not to exceed the foo entified as being great ndation walls may be su vided all requirements reatment provided below NCRBC PRESCRIPTIV WALL THICKNESS 45 8" 60	minimum 3/16" c brick, be atto veneer kness ng. Stri ting thi cer that of Sec ow slab TIC TIC TIC
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- e. FOR ALL WALL HEIGHTS, ONE HORIZONTAL BAR SHALL BE LOCATED WITHIN THE TOP 24", ONE IN THE BOTTOM 24" WITH THE REMAINING BARS EQUALLY SPACED. MAINTAIN 2" OF CONCRETE COVER BETWEEN INSIDE FACE OF WALL AND FACE OF HORIZONTAL BARS.
- PER TABLE 404.1.2(1).

omply with requirements in ACI 318.

- kimum 5" slump, 5 bag mix, and 2,500 psi minimum alls shall be poured a maximum 5" slump, 5 1/2-bag Foundation Wall Design table below. Special soil and iqher psi mix.
- ced unless otherwise specified on foundation plans or ons may require the addition of reinforcing. 2" per **R403.1.4** and **Table R301.2(1)**.
- ,000 PSF per T**able R401.4.1**.
- e slabs) to be minimum 3-1/2" concrete (may be r 4" sub-base, with vapor barrier (6-mil polyethylene) num 2,500 PSI per Table R402.2.
- ninal 3-1/2" thick and shall be installed on compacted os shall be 3,500 PSI air-entrained concrete. eams shall be nominal 4" thick. Slabs shall be 3,500
- shall be nominal 4" minimum 3,500 PSI air-entrained vivalent fiber mesh reinforcement
- minimum net area of ventilation not less than I square nless the ground surface is covered by a Class 1 net area of ventilation shall not be less than l of area. One such ventilating opening shall be within 3 ding, per **R408.1.2**.
- ocal codes and according to local site conditions. I means to conform with approved site plan and
- alls shall be semi-solid block or open cores of hollow
- filled hollow block.
- ned to withstand an equivalent fluid weight of 30# asonry units (block) are shown on plans.
- hall be dampproofed with min. 3/8" portland cement rade. The parging shall be covered with a coat of the recommended rate per R406.1.
- oundation walls shall be waterproofed with an ting to top of finished grade. The joints in the ith an adhesive compatible with the waterproofing rdance with **R406.2**.
- (18" anchor bolts with 7" minimum embedment or gauge steel, galvanized) or equivalent set in from corners and spaced at a maximum of 6' o.c. and ate. For walls connecting offset braced wall panels, min. (1) anchor strap and those 12" or shorter can be es in seismic design category "C" shall require a .6.1 and maximum anchor bolt spacing for buildings
- shop coating of rust-inhibitive paint or equivalent to
- veneer ties shall be a minimum of No. 22 U.S. qauqe more than 32" o.c. horizontally and 24" o.c. vertically vare feet of wall area. For townhouses in Seismic more than 30 pounds per square foot pressure, each feet of wall area.
- around all wall openings greater than 16 inches (406 d the perimeter of openings shall be spaced not more ced within 12 inches (305 mm) of the wall opening. t felt or other approved water-resistive barrier shall
- -inch air space between brick veneer and sheathing. ameter weep holes at 33" on center maximum, located
- lay tile, concrete, or natural or artificial stone are hed to the sheathing wherever necessary to prevent See NVR Flashing Details.
- be 8" (or 6" with a single story) unless otherwise footing projections beyond the face of the foundation kness. Bump out footings, pier pads, and any other 8" in thickness shall not be reduced.
- l for poured foundation walls shown on foundation on R404 are met.
- or to framing members per R318.1

N WALL DESIGN OR ENGINEERED DESIGN PER ACI 332

LANCED	VERTICAL REINFORCING (b)	HORIZONTAL REINFORCING (b)
6'-0"	NOT REQUIRED	2- #4 BARS (f)
7'-0"	NOT REQUIRED (d)	3- #4 BARS (d,e)
6'-0"	NOT REQUIRED (d)	3- #4 BARS (d,e)
7'-0"	#4 @ 22" O.C. (d)	3- #4 BARS (d,e)
6'-0"	NOT REQUIRED	2- #4 BARS (f)
7'-0"	NOT REQUIRED	2- #4 BARS (f)
6'-0"	NOT REQUIRED	2- #4 BARS (f)
7'-0"	NOT REQUIRED	2- #4 BARS (f)
7'-0"	NOT REQUIRED (d)	4- #4 BARS (d,e)
8'-0"	#4 @ 19" O.C. (d)	4- #4 BARS (d,e)
7'-0"	#4 @ 19" O.C. (d)	4- #4 BARS (d,e)
B'-0"	#4 @ 15" O.C. (d)	4- #4 BARS (d,e)
7'-0"	NOT REQUIRED	3- #4 BARS (g)
B'-0"	NOT REQUIRED (d)	4- #4 BARS (d,e)
7'-0"	NOT REQUIRED (d)	4- #4 BARS (d,e)
B'-0"	#4 @ 19" O.C. (d)	4- #4 BARS (d,e)

- ION SHALL NOT TAKE PLACE BEFORE THE AND THE FLOOR FRAMING IS ERECTED OR
- LY BRACED.
- AND ML 45 PSF
- CL 60 PSF = 60,000 PSI
- , REDUCE SPACING BY 0.67
- ESSIVE STRENGTH OF NOT LESS THAN 3000 PSI -14, REQUIREMENTS FOR RESIDENTIAL

F. ONE BAR WITHIN 12" OF TOP AND AT MID-HEIGHT OF WALL PER TABLE R404.1.2(1). 9. ONE BAR WITHIN 12" OF TOP AND ONE EACH AT THIRD POINT OF WALL HEIGHT

PLANS

- I. Habitable attics and sleeping rooms shall have a window or door as a second means of egress that shall be minimum 5.7 sq. ft. openable area (5.0 sq. ft. if at grade level) with maximum sill height 44" above finish floor (min. hqt. 24", min. width 20") per R310.1.
- 2. All emergency escape and rescue openings shall have a minimum net clear openable area of 4 sq ft. The minimum net clear opening height shall be 22" and a minimum net clear opening width of 20". Emergency escape and rescue openings must have a minimum total glazing area of not less than 5 sq ft in the case of a ground window and not less than 5.7 sq ft in the case of an upper story window per R310.2.1. Window wells where required, shall be installed per R310.2.3 with a minimum of 9 sq ft and a minimum horizontal projection and width of 36". Wells with a greater depth of 44" shall have permanently affixed ladder or steps per **R310.2.3.1**.
- 3. Clear opening heights for exterior doors to be 6'-6" minimum per R311.2. All interior doors providing egress from habitable rooms shall have nominal minimum dimensions of 2'-6" by 6'-8" per R31.6.1. Habitable rooms with double doors less than 5'-0" in total width (less than 2'-6" per door slab) shall have a total opening width of at least 2'-6" with no slide bolts or locking devices installed on either door.
- 4. Sliding glass drs/patio drs/wdws must be safety glazed per R308.4.
- 5. Interior stairway shall have minimum head room of 6'-8" per 311.7.2 and minimum tread depth of 9" and maximum riser height of 8 1/4". Handrails are required for stairs with four or more risers and shall have minimum height of 34" and maximum height of 38" above treads and landings. Handrail to have maximum 4 1/2" projection into width of stair per **Section R311.7.** Enclosed accessible space under stairs shall have walls, under stair surface and any soffits protected on the enclosed side with 1/2" gypsum board per R302.7.
- 6. Guard rails to have minimum height of 36" and shall not have openings from the walking surface to the required guard height which allow passage of a sphere 4 inches in diameter per R312.
- 7. The triangular openings at the open side of stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches (153 mm) in diameter per R312.1.3.
- 8. Where exterior landings or floors serving the required egress door are not at grade, they shall be provided with access to grade by means of a a stairway in accordance with Section R311.7 (see item #5 above) or a ramp in accordance with Section R311.8.
- 9. Handrails shall be installed on exterior stairs having (4) or more risers per R311.7.8. Guards shall be installed at exterior porches / decks that are located more than 30 inches (762 mm) measured vertically to the floor or grade below at any point within 36 inches (914 mm) horizontally to the edge of the open side. Insect screening shall not be considered as a guard.
- 10. All flashing used (including at windows, doors, and with stone or masonry veneer) shall be corrosion-resistive per RTO3.4. See NVR Flashing Details.
- II. Wood framed bearing walls shall 2 x 6 at 24" o.c. maximum or 2 x 4 at 16" o.c. maximum per Table R602.3(3) and Table R602.3(5) unless otherwise noted on plans.
- 12. All exterior sheathing to be structural sheathing designed in accordance with R602.10.
- 13. An approved water-resistive barrier shall be applied over sheathing of exterior walls per Section
- 14. Interior sheathing shall be 1/2" gypsum wall board unless otherwise noted. Exceptions may include, but are not limited to, special requirements for wall bracing and fire separation.
- 15. Screw fastening is typical for gypsum installation and nailing will only be permitted at the perimeter of the board. All screws shall be corrosion-resistant Type W I-1/4" drywall screws.

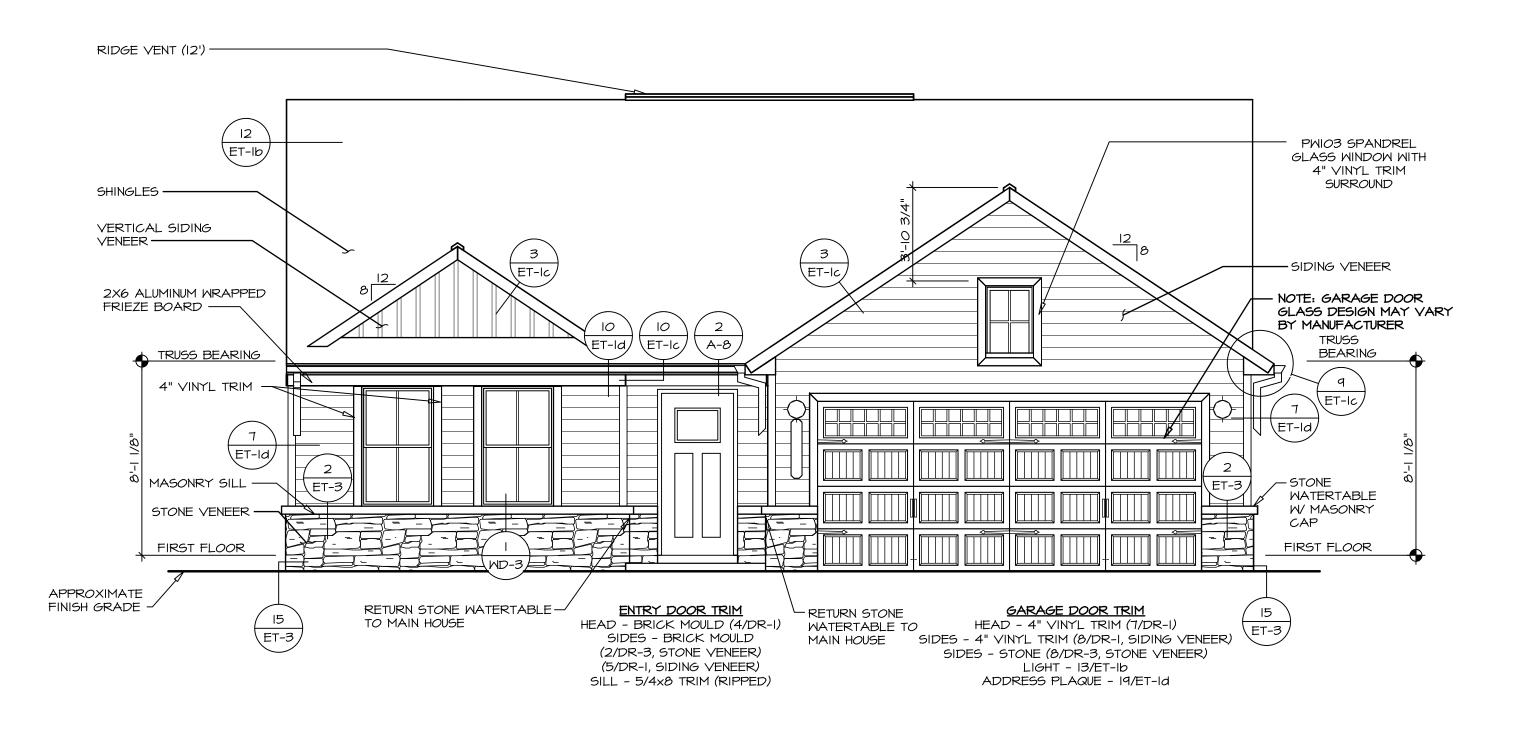
SCF	REM FAS	STENING SCHED	JULE
	M	TH ADHESIVE	
Framing Spacing	Ceilings	Load-brg. walls	Non-load-brg. walls
16	16	24	24
24	16	16	24
	MITI	HOUT ADHESIVE	
Framing Spacing	Ceilings	Load-brq. walls	Non-load-brq. walls
16	12	16	16 -
24	12	2	2
1			

- For 1/2" wallboard, nails shall be 1-1/4" long, 1/4" head and .098 diameter shanks with annular ring or acceptable equivalent and comply with ASTM C514.
- For 5/8" wallboard, nails shall be 1-3/8" long, 1/4" head and .098 diameter shanks.
- 17. Garages shall be completely separated from the residence and attic area by not less than 1/2" gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8" type X gyp. board. Where a structure is supporting a floor-ceiling assembly due to living space above the garage, the structure shall also be protected by not less than 1/2" gypsum board per Section R302.6.. Openings and penetrations through the separation shall be protected by sealing the area around the penetration per Section R302.5. The garage door shall be a 20-minute fire-rated door and be equipped with a self-closing device installed per Section R302.5.1.
- 18. Asphalt shingles shall be installed per section R905.2. For roof slopes of 2:12 through 4:12, in lieu of two layers of underlayment, a self-adhering polymer-modified bitumen underlayment shall be used per section R905.1.1 Exception #1.
- 19. Attic spaces shall be ventilated w/ ridge and soffit vents unless otherwise noted. Venting provided per R806.2.
- 20. Fireblocking shall be installed between ceiling and floor openings per R302.II. Draftstopping to be installed in accordance with R302.12.
- 21. Water closet, lavatory or bidet shall not be set closer than 15 inches from its center to any side wall, partition or vanity or closet than 30 inches center-to center-between adjacent fixtures. There shall be a clearance of not less than 21 inches in front of the water closet, lavatory or bidet to any wall, fixture or door per **P2705.**
- 22. Heating and cooling equipment installation shall be in accordance with IRC Chapter 14 and the International Mechanical Code.
- 23. Mechanical fireplaces shall be installed per Section RIOO4 and IOO5.
- 24. Single family attached structures to have 2-hour dwelling unit separation wall continuous to roof deck. Roofing material to be minimum class "C" over approved fire retardant wood decking extending 4' each side of dwelling unit separation wall per R302.2 and R302.3.
- 25. Untreated wood shall be minimum 8" above finish grade per R317.1 Item #2.
- 26. Bottom plates on slabs and any wood in contact w/ concrete or masonry to be pressure treated material per Section R317.
- 27. Exterior eqress swing doors shall open onto a landing not more than 8 1/4" below the top of the threshold when door swings in and 1 1/2" below the top of the threshold when the door swings out. The landing shall extend a minimum of 36" in the direction of travel and be at least the width of the doorway served per
- 28. Air exhaust and intake openings that terminate outdoors shall be protected with corrosion-resistant screen, louvers, or grills having a min. opening size of 1/4" and maximum of 1/2" in any dimension per
- 29. Fasteners and connectors for pressure preservative-treated wood shall be hot-dipped galvanized steel. 30. Windows that have an operable opening more than 72" above finished grade or surface below, the lowest
- part of the clear opening of the window shall be a minimum of 24" above the finished floor of the room in which the window is located. Glazing between the floor and 24" shall be fixed or have openings through which a 4" dia. sphere cannot pass per Section R312.2.
- 31. The final grade shall fall a minimum of 6 inches within the first 10 feet of the foundation per R401.3. 32. One- and two-family dwelling construction (R302.1.1):
- Vinyl or aluminum soffit material shall be securely attached to framing members and use an underlayment material of either fire retardant treated wood, 3/4-inch wood sheathing or 5/8-inch gypsum board. Venting requirements shall apply to both soffit and underlayment and shall be per Section R806. Where the property line is 10 feet or more from the building face, the provisions of this code section shall not apply.
- Townhouse construction (R302.2.5):
- Projections extending into the fire-separation distance shall have not less than I-hour fire-resistive construction on the underside. Vinul or aluminum soffit material shall be securely attached to framing members and use an underlayment material of either fire retardant treated wood, 3/4-inch wood sheathing or 5/8-inch gypsum board. Venting requirements shall apply to both soffit and underlayment. Vents shall be nominal 2-inch continuous or equivalent intermittent and shall not exceed the minimum net free air requirements of Section R806.2 by more than 50%. Vents in soffit are not allowed within 4 feet of fire
- walls or property lines per R302.2.5 and R302.2.6. 33. I-hour fire-rated construction required on projections within 2' to 3' of lot line per R302.I. No projections allowed within 2' of property line.
- I-hour fire-rated construction required on townhouse eaves within 3' of the property line. Note: Single Family Detached product will NOT be built within 3' of the property line.
- 34. Wall bracing is designed in compliance with Section R602.10. When wall bracing is beyond the criteria for a prescriptive approach, the structure is analyzed utilizing engineering in compliance with the North Carolina Building Code (NCBC). Refer to house-specific wall bracing detail sheets and wall bracing standard details. Adhesive attachment of wall sheathing, including Method GB, shall not be permitted in Seismic Design Category C.
- 35. Minimum floor sheathing shall be 5/8" tongue \$ groove decking underlayment grade plugged and sanded, exterior glue, glued and nailed on joists to meet. "American Plywood Association" approved glued floor system, unless otherwise specified.

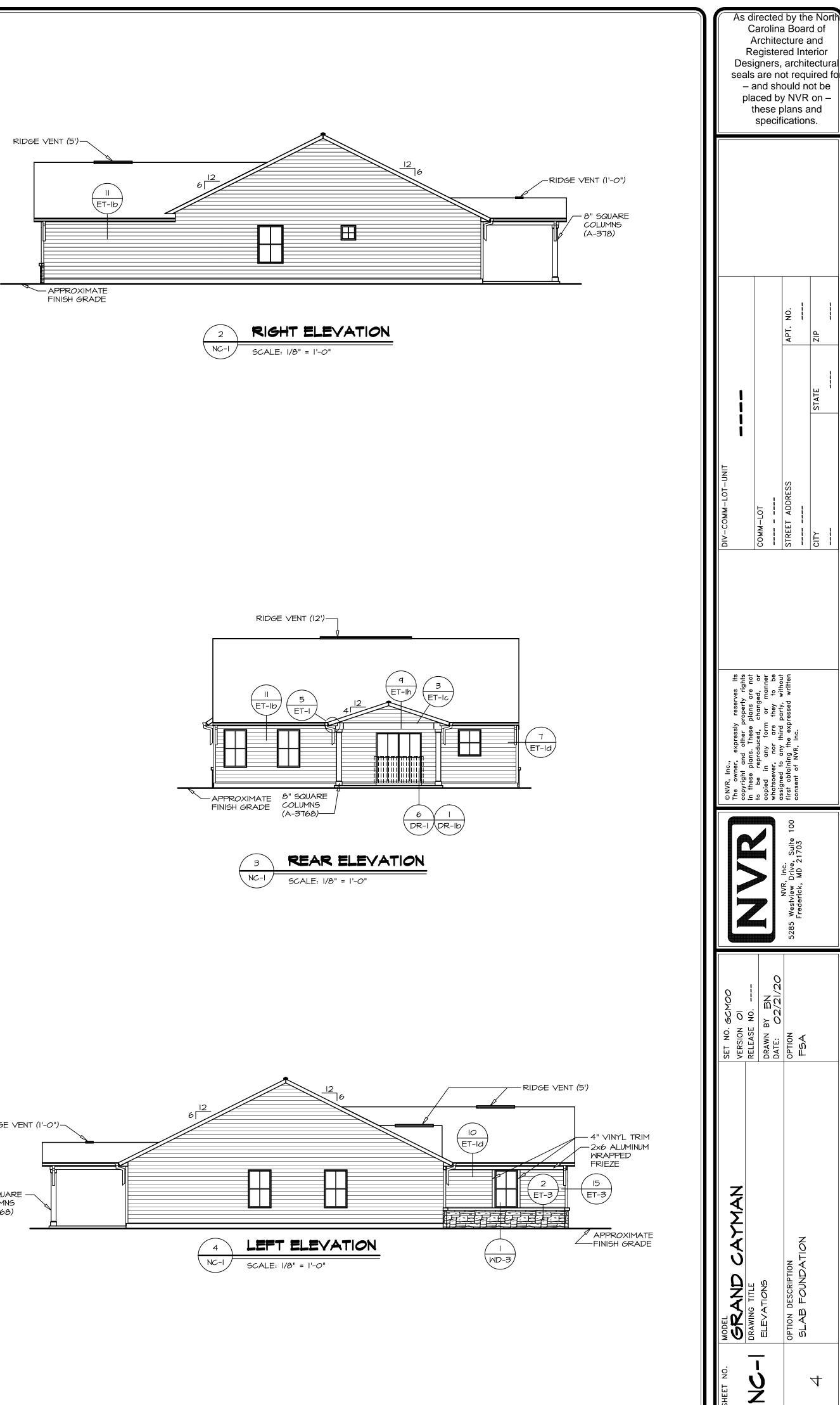
ELECTRICAL

- I. Ground-fault and arc-fault circuit interrupter protection is provided per NFPA 70 (National Electric Code). 2. Electric panel box installation to be in accordance with NFPA 70, Article 408 Section III. Location may vary by design
- 3. Approved smoke detectors shall be installed in each sleeping room; outside each separate sleeping area in the immediate vicinity of the bedrooms; and on each additional story of the dwelling, including basements and habitable attics but not including crawl spaces and uninhabitable attics. Where more than one smoke detector is required, the devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. All smoke detectors shall receive their primary power from the building wiring and be equipped with a battery backup.
- 4. Unless listed for installation in such locations, smoke detectors shall be installed at least IO feet from a cooking appliance, at least 3 feet from the door to a bathroom containing a tub or shower, at least 3 feet from forced air supply registers, and at least 3 feet from the tip of a ceiling fan blade. In sleeping rooms, smoke detectors should be located in the vicinity of the room entrance. They shall be installed at the highest portion of the ceiling (including tray or coffered ceilings) or within 12 inches vertically from the highest point in rooms with sloped ceilings.
- 5. Interior stairs shall be provided with an artificial light source in the vicinity of each landing or directly over each stair section and capable of illuminating treads and landings to a level not less than Ifc measured at the center of the tread or landing per R303.7.
- 6. Outlets within 6' of a sink must be GFI protected.
- 7. An approved carbon monoxide alarm shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms. Where a fuel-burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom. R315.3.
- 8. Outlets installed in laundry areas must be GFI protected.

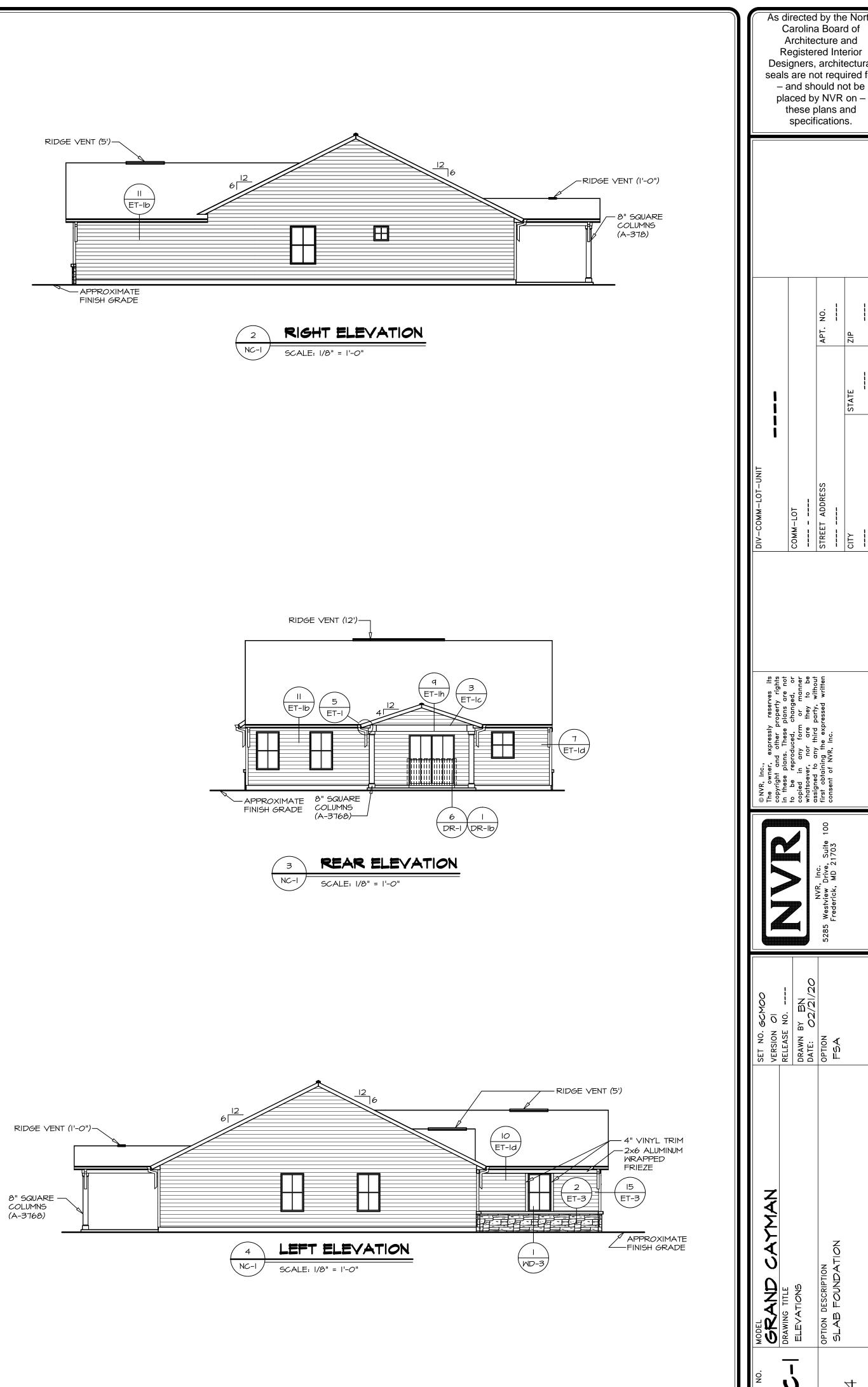
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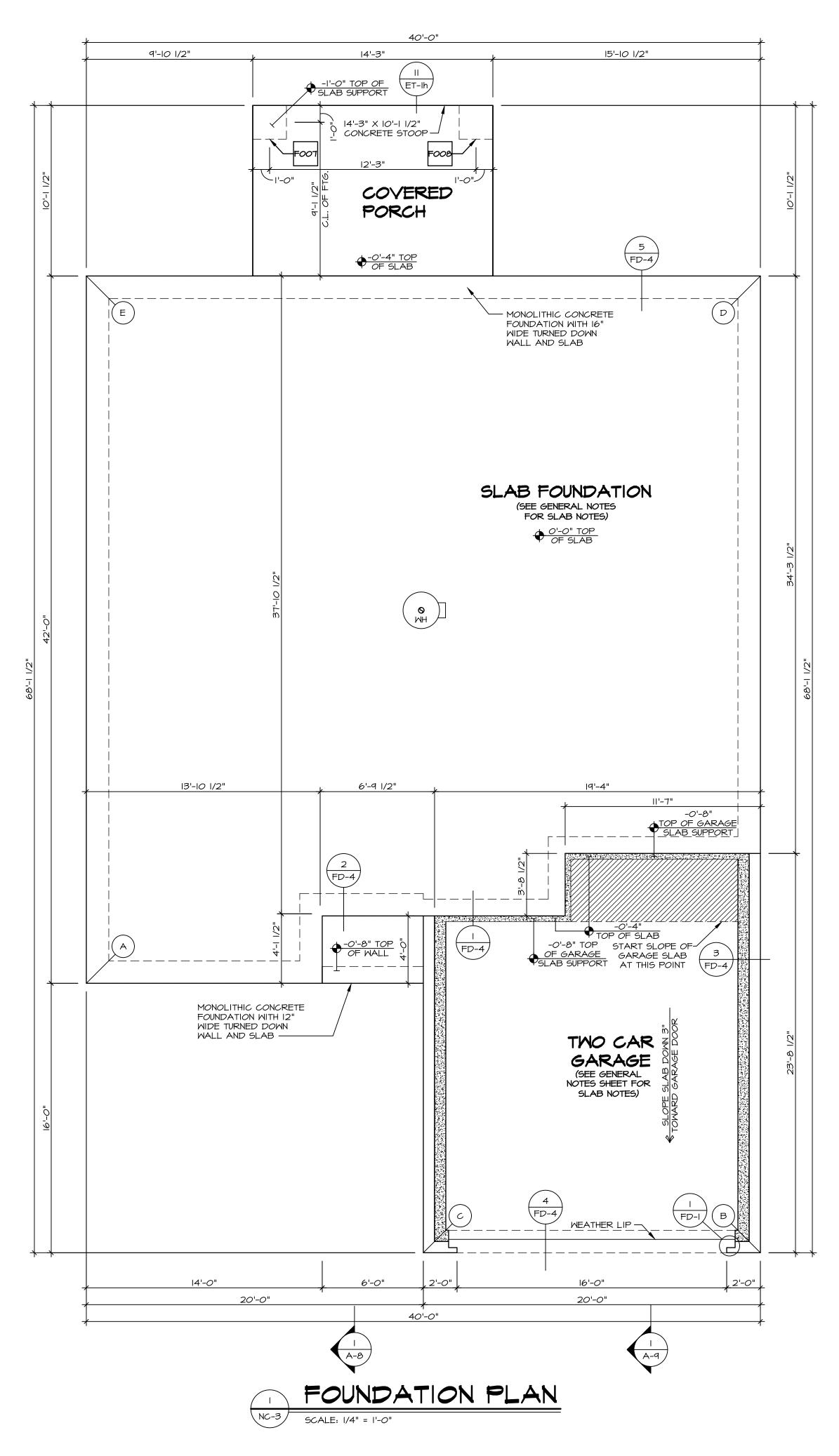


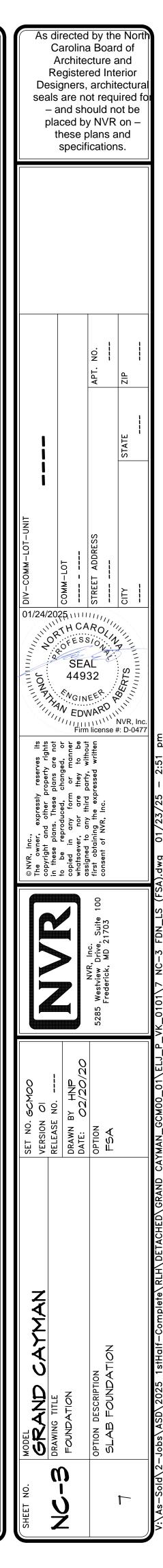




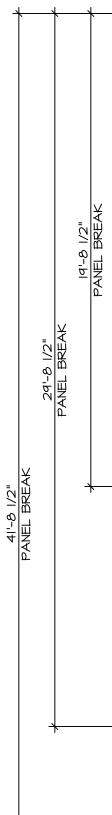


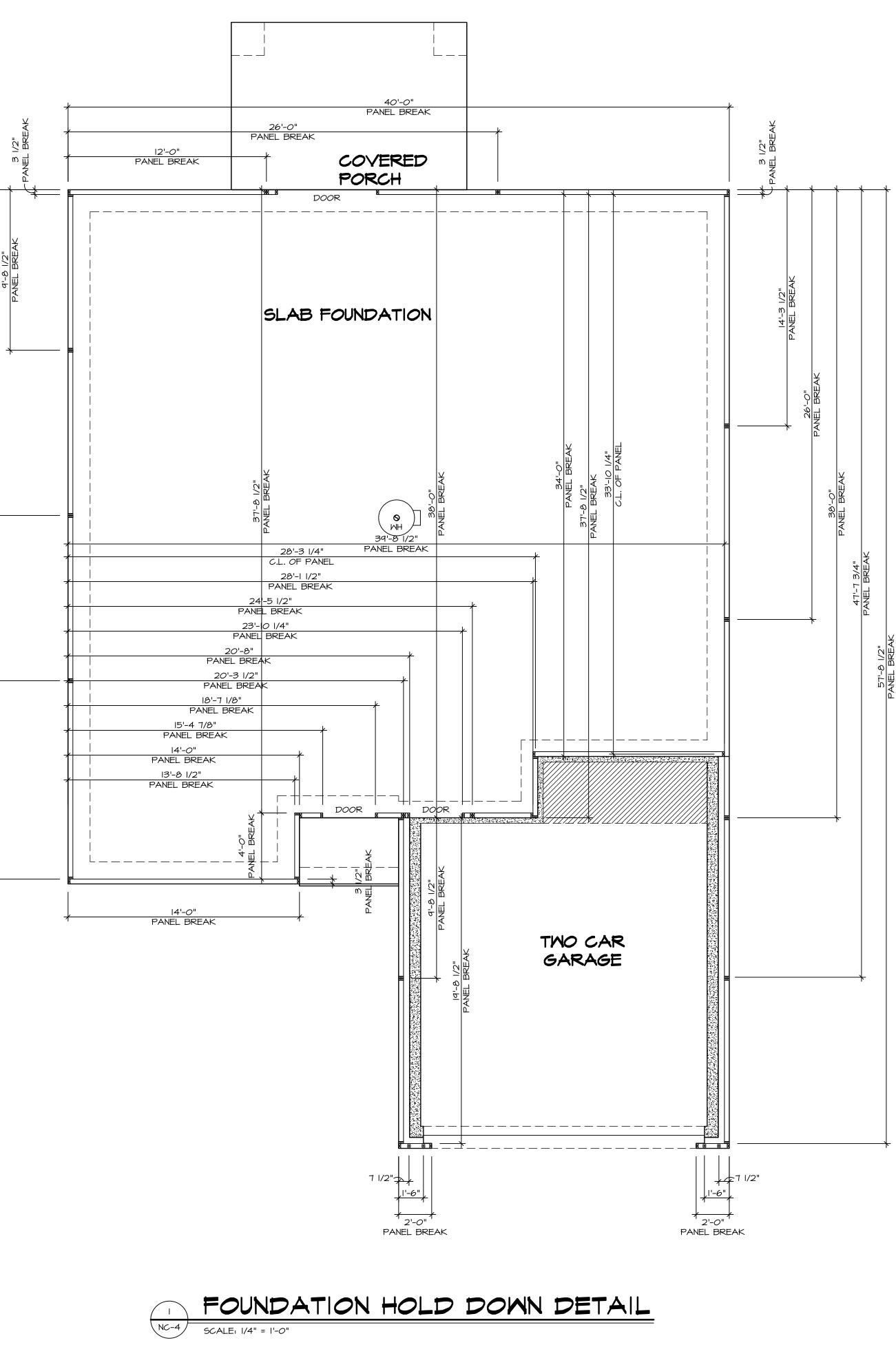
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Ţ	INDICA POINT JACKS BEAM, FOOTI	EARING ATES BEA -LOAD A 6 /HEADER NG/THIC	WALL ARING ABOVE					
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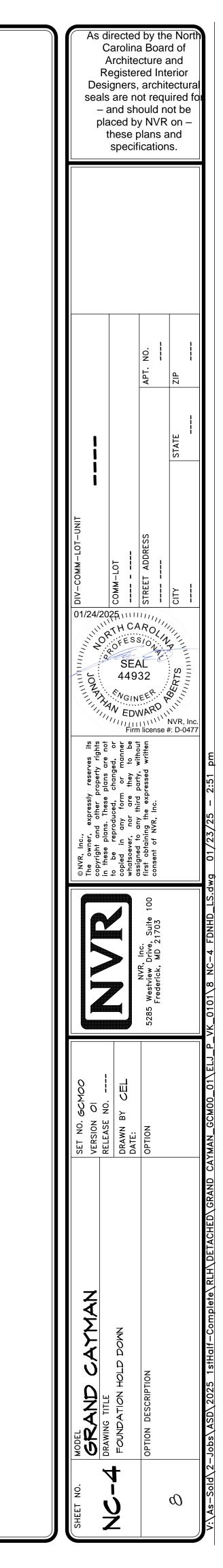




	HOLD DOWN NOTES
	ETAIL (9/FD-I) FOR HOLD DOWN OFFSET DIMENSIONS. DETAIL (12/FD-I) FOR HOLD DOWNS ON CMU BLOCK.
2" 	I. ALL PANELS GREATER THAN 24" SHALL HAVE AN ANCHOR WITHIN 12" OF THE PANEL BREAKS / ENDS. (SEE DETAIL SHEET FC-I FOR MORE INFORMATION ON ANCHOR DETAILS)
STRAP	 STRAP: ON FOUNDATION USE (STHDI4) ON FLOOR SYSTEM USE (STHDI4RJ) ALL OTHER HOLD DOWN SEE DETAIL WB FOR MORE INFORMATION. STRAP LOCATION ON PLANS <u>SHOWN BY</u> <u>DASHED DIMENSION</u> TO CENTER OF STUDS
	OR
BOLT Mo D	 THREADED ROD ALL OTHER HOLD DOWN SEE DETAIL WB FOR MORE INFORMATION. BOLT LOCATION ON PLANS <u>SHOWN BY SOLID</u> <u>DIMENSION</u> TO CENTER OF BOLT



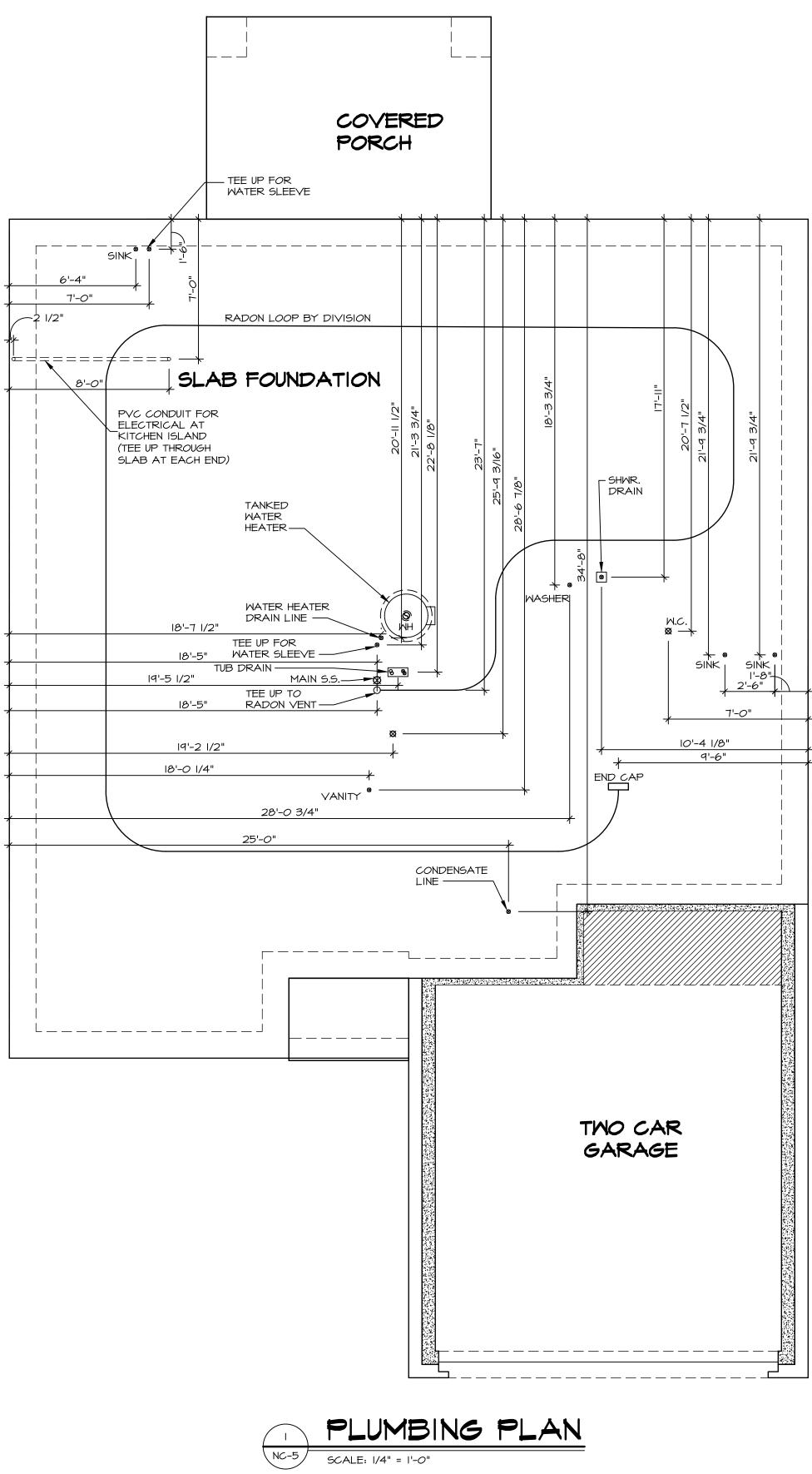




PLUMBING NOTES:

RADON REMEDIATION RADON LOOP:

- (4") PERFORATED HDPE "LOOP"
 MUST BE PLACED IN STONE BED SLIGHTLY HIGHER THAN ANY INTERIOR DRAINTILE
 LOOP TO BE SEPARATE FROM ANY DRAINTILE ELEMENTS
 TO BE CORRUGATED HDPE PIPE
 SCREWS TO BE INSTALLED THROUGH LOOP AT TEE UP INTO STACK
- STACK REQUIREMENTS:
- 3" PVC STACK (4" IF BASEMENT IS GREATER THAN 2200 SQFT.)
- NO PART OF STACK IS TO BE HORIZONTAL (45° ELBOWS PERMITTED AS REQUIRED) PIPE TO BE PHYSICALLY LABELED IN THE FIELD AS "RADON VENT" OR OTHER
- JURISDICTIONALLY REQUIRED LANGUAGE (ON EVERY LEVEL OF HOUSE)
- ROOF TERMINATION TO BE IN TOP 1/3 OF ROOF SCREEN OR VENT CAP INSTALLED TO KEEP PESTS OUT OF RADON VENT AT ROOF TERMINATION.



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FIRST FLOOR JACK SCHEDULE

IDENTIFIER	DESCRIPTION	ENG. NUM.	REMARKS
30IL	JACK - (2) 2X4 SPF STUD GRADE	1006	
FOIL	JACK - (2) 2X4 SPF STUD GRADE	1006	
BOIL	JACK - (3) 2X4 SPF STUD GRADE	1004	
POIL	JACK - (3) 2X4 SPF STUD GRADE	1004	
OIIL	JACK - (3) 2X4 SPF STUD GRADE	1012	
	JACK - (3) 2X4 SPF STUD GRADE	1012	

FLOOR PLAN NOTES:

- ALL HEADERS ARE (2) 2x6 w/ 2x4 WALLS OR (3) 2x6 w/
- 2x6 WALLS, UNLESS OTHERWISE NOTED. ALL HEADERS TO HAVE (1) 2x4 OR 2x6 JACK AND KING STUD EACH END, UNLESS OTHERWISE NOTED. MULTI-OPENING HEADERS TO HAVE (2) JACKS AT
- INTERMEDIATE BEARING, UNLESS OTHERWISE NOTED. NO ADDITIONAL FLOOR SYSTEM BLOCKING OR CONTINUOUS LOAD PATH JACKS ARE REQUIRED UNLESS OTHERWISE
- NOTED. ALL EXTERIOR WALLS TO BE 4" OR 6" AND ALL INTERIOR WALLS TO BE 3 1/2", UNLESS OTHERWISE NOTED. HATCHED AREAS INDICATE DROPPED CEILINGS. ALL DROPPED CEILINGS ARE 12" UNLESS OTHERWISE NOTED.
- SEE ARCHITECTURAL DETAIL 8/IT-IB FOR 3/4" FIRE STOPPING AT BULKHEAD / CEILING PANELS SEE "BRACED WALL PANEL DETAIL SHEET" FOR SPECIAL WALL FRAMING LOCATIONS AND HEADER SIZES, IF
- APPLICABLE.
- SEE STANDARD DETAIL CATEGORY "IT" SHEET(S) FOR INTERIOR TRIM DETAILS.
- SEE ARCHITECTURAL DETAIL SHEET "AD" FOR HOUSE
- SPECIFIC INTERIOR TRIM OPTION TABLE. ALL HEADERS IN NON-BEARING WALLS SHALL BE A SINGLE FLAT 2X4 OR 2X6 ATTACHED TO CRIPPLES
- ABOVE, UNLESS OTHERWISE NOTED. TANKED WATER HEATER SHOWN AS BASE CONDITION, OPTIONAL TANKLESS WATER HEATER IS AVAILABLE IN
- LIEU OF TANKED WATER HEATER. 2. INTERIOR HEADER HEIGHT FOR 8' CEILING WILL BE 6'-11", 9' CEILING WILL BE 7'-II", IO' CEILING WILL BE 8'-3", UNLESS OTHERWISE NOTED.
- BASEMENT FINISH DIMENSIONS ASSUME A 1/2" GAP BETWEEN FRAME WALL AND CONCRETE WALL. ALL INTERIOR BEARING WALLS SHALL HAVE GYPSUM
- APPLIED TO AT LEAST ONE SIDE OR HAVE MID-HEIGHT BLOCKING INSTALLED.
- . NON-BEARING WALLS OVER CONCRETE TO BE HELD 1/2" SHORT OF FRAMING ABOVE.

GYPSUM NOTES:

AT GARAGE:

GYPSUM BOARD AT COMMON WALLS, CEILINGS, BEAM WRAPS AND SUPPORTS PER STANDARD DETAIL FA-1(b) FIRE ASSEMBLIES OR AS REQUIRED BY LOCAL CODE.

AT STAIRS:

1/2" GYPSUM BOARD AT UNDERSIDE OF STAIRS AND WALLS IN CLOSET

LEGEND

BEARING WALL

- NON BEARING WALL INDICATES BEARING FROM
- \otimes POINT-LOAD ABOVE
- J_ JACKS
- (B_ BEAM/HEADER

T_/F_ FOOTING/THICKENED SLAB

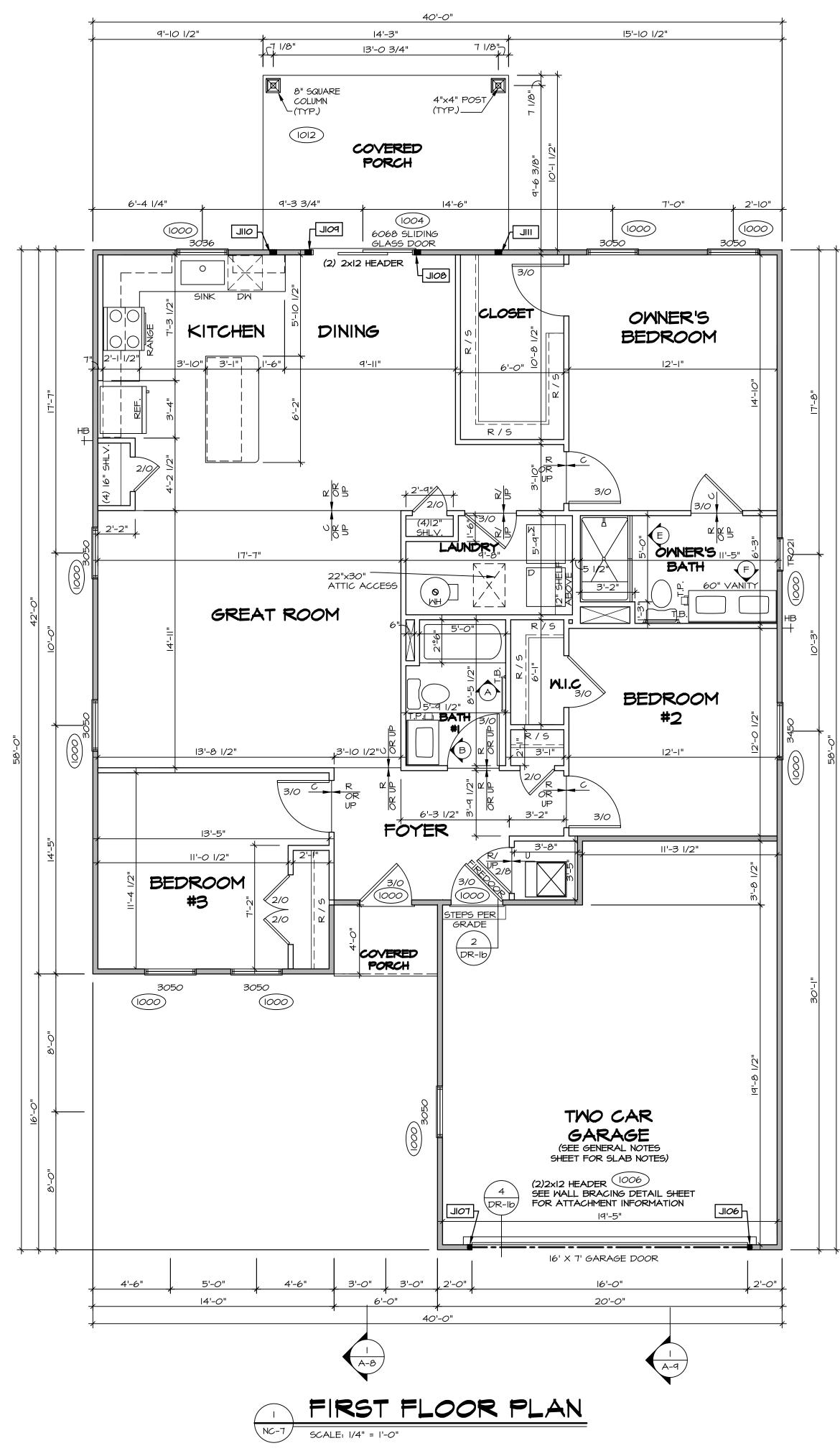
- $\langle \rangle$ STEEL COLUMN
- × TRUSS TIE DOWN
- X PORTAL FRAME
- X JOIST/TRUSS

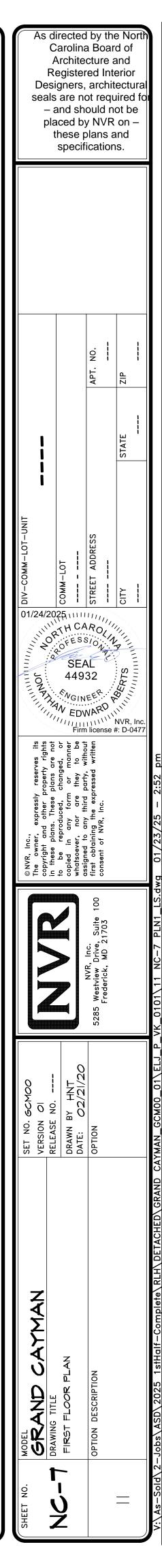
L___ LVL

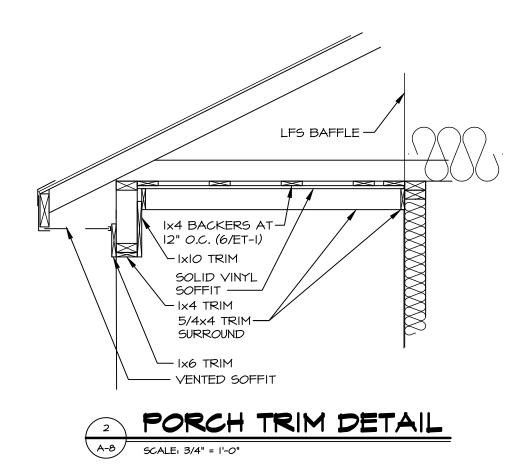
-SEE FA DETAILS FOR FIRE ASSEMBLIES

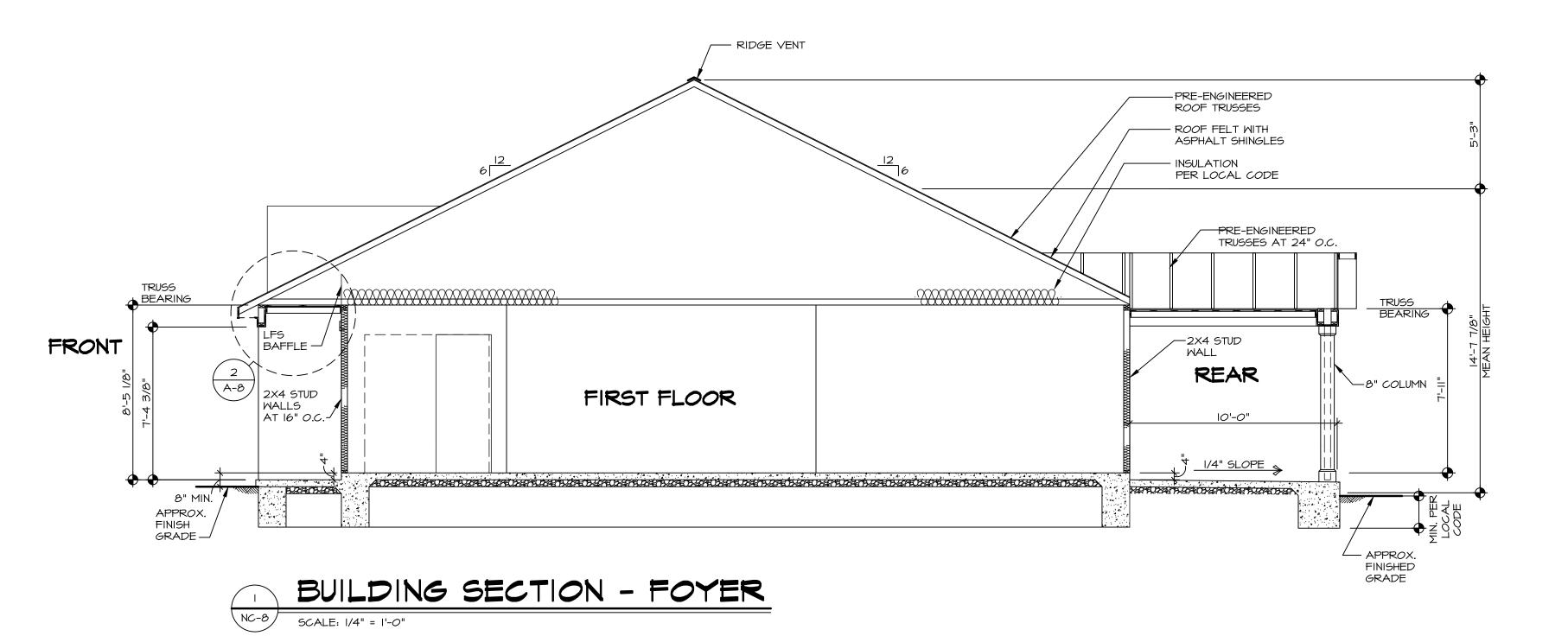
-SEE FC DETAILS FOR FRAMING CONNECTORS AND MATERIAL USAGE

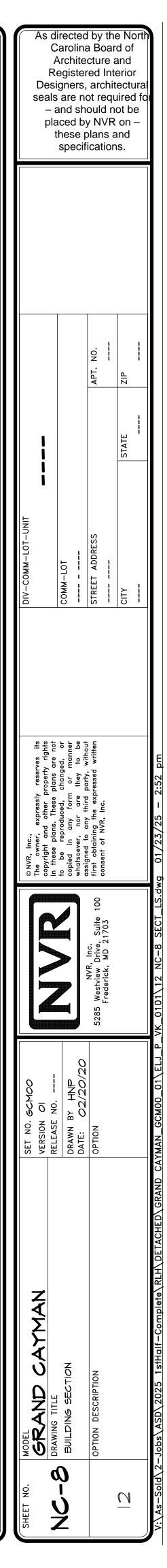


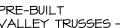


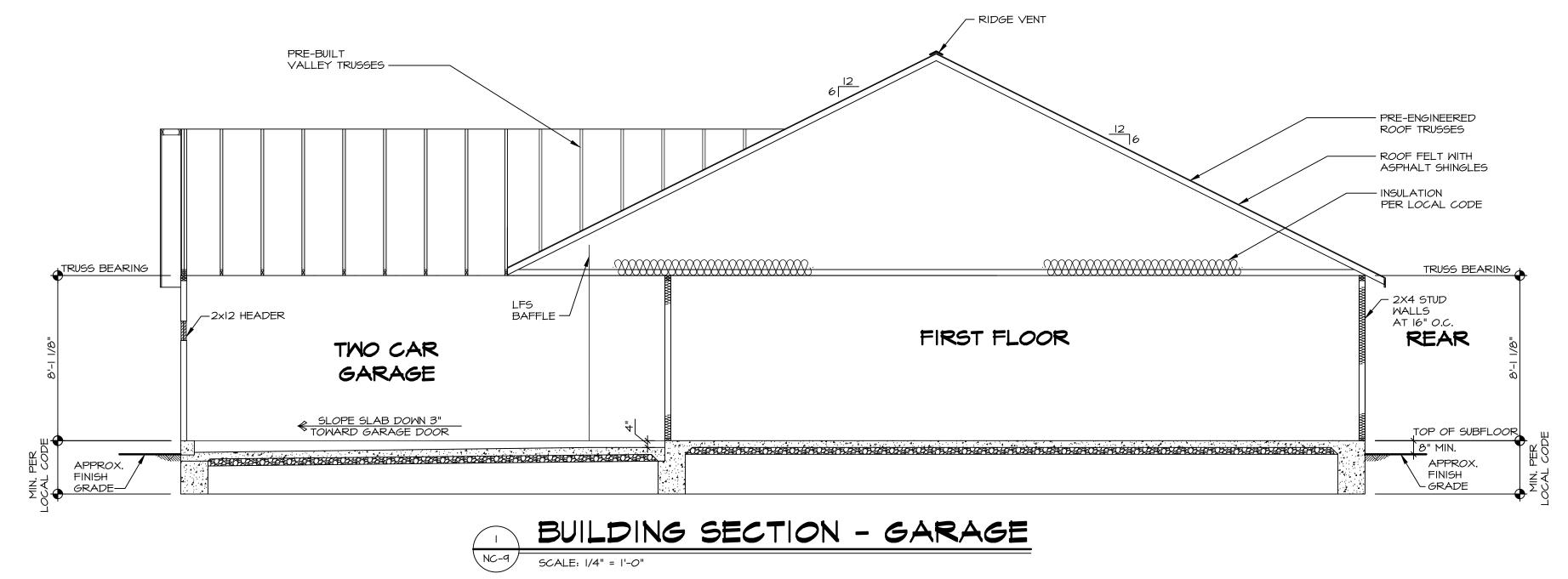




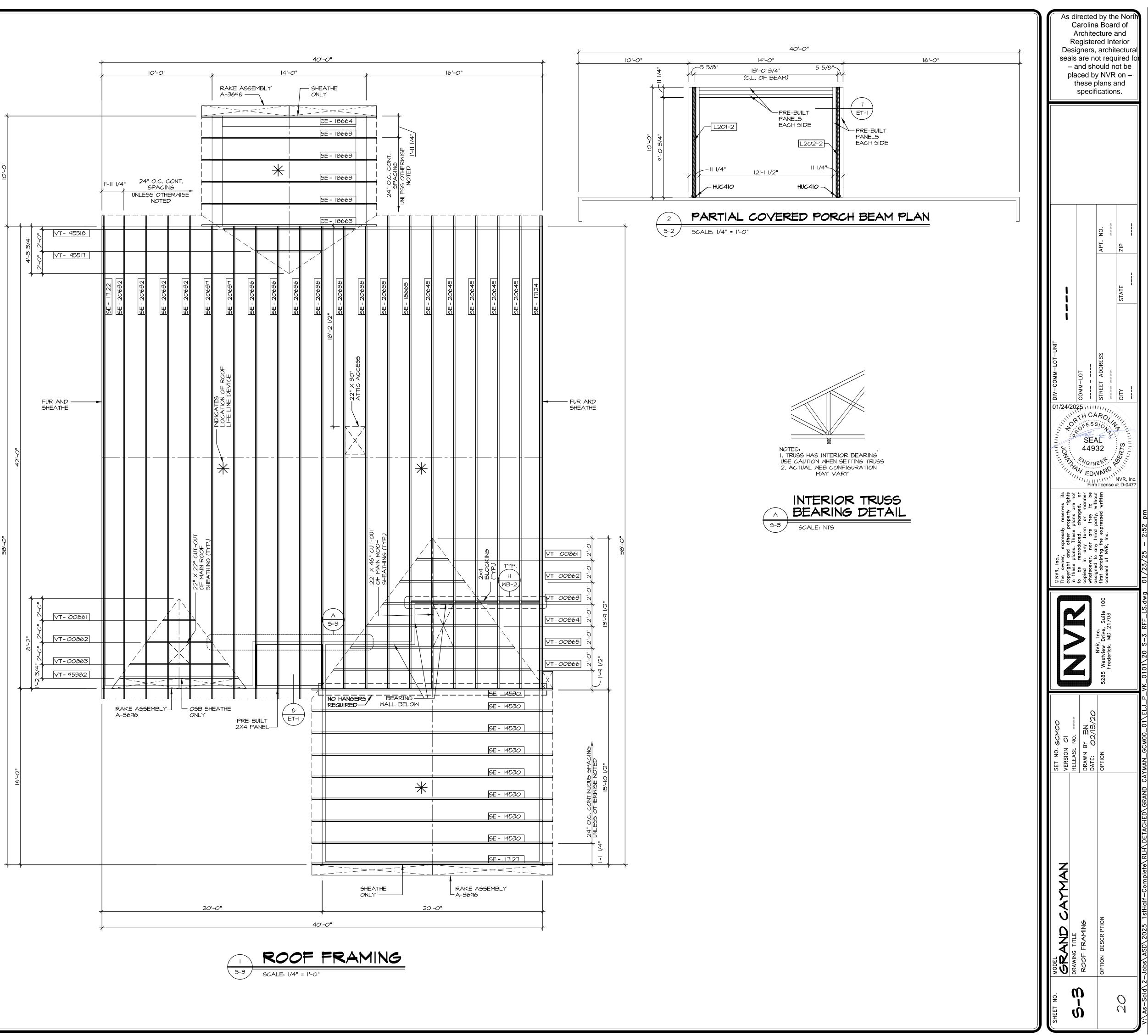




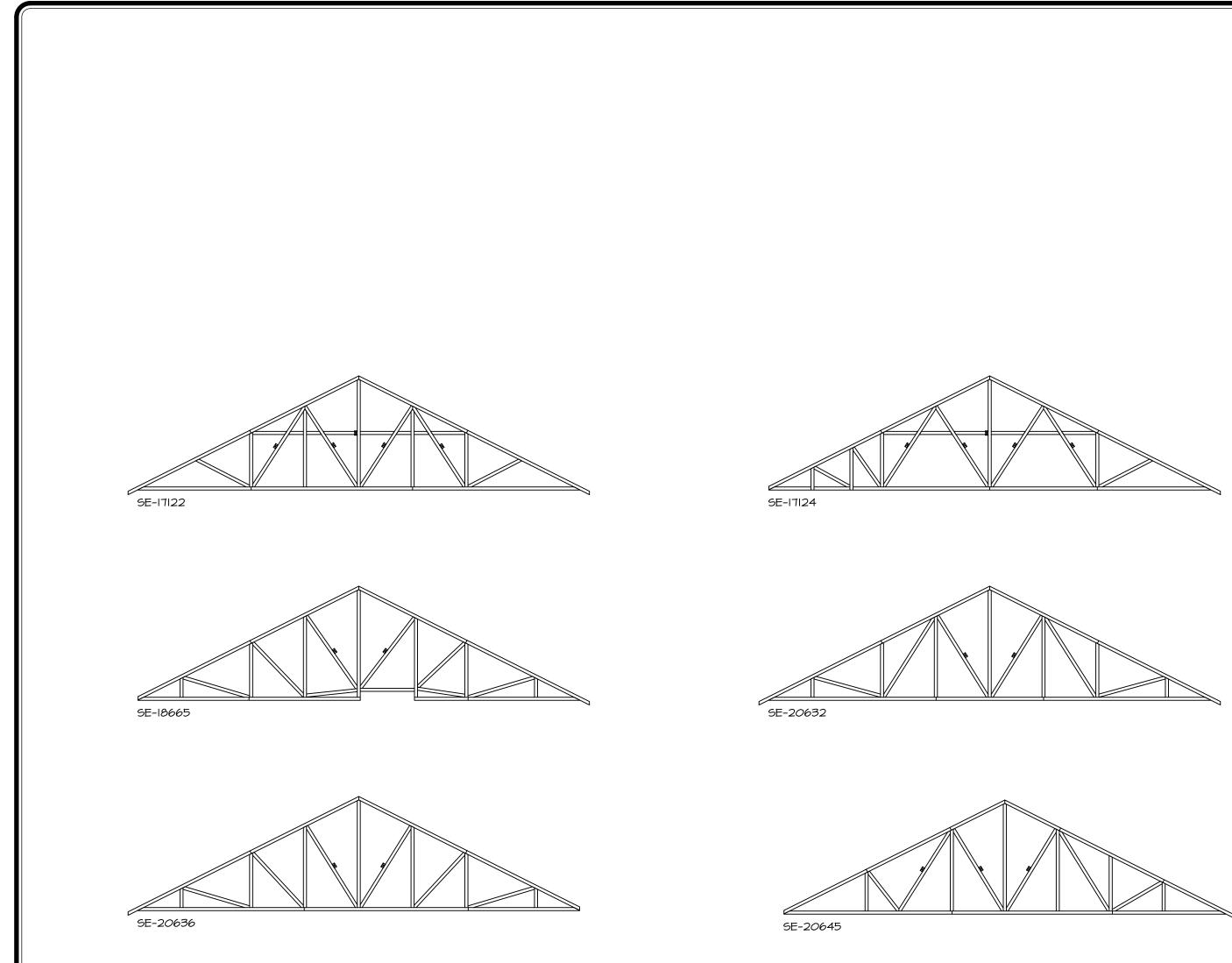


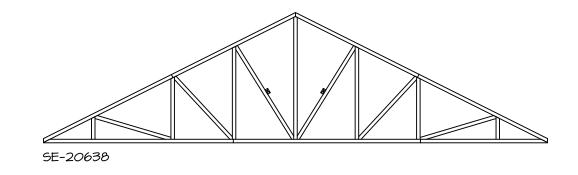


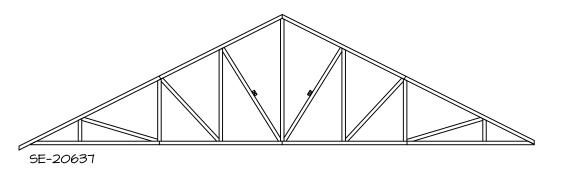
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8 		TRUSS NUMBER	LENGTH	ROOF PITO	н (х/12)	REM	ARKS	
	SE	14530	20'-0"	8/1			MON	
	SE SE	17122 17124	42'-0" 42'-0"	6/I. 6/I.			1MON 1MON	
	SE	17127	20'-0"	8/1		100	MON	
5	SE SE	18663 18664	4'-0" 4'-0"	4/I. 4/I.			1MON 1MON	
	SE	18665	42'-0"	6/1	2	100	MON	
4	SE SE	20632 20635	42'-0" 42'-0"	6/I. 6/I.			1MON 1MON	
3	SE	20636	42'-0"	6/1	2	CON	MON	
2 3	SE SE	20637 20638	42'-0" 42'-0"	6/I. 6/I.			1MON 1MON	
5	SE	20645	42'-0"	6/1	2		1MON	
2 2	VT VT	00861 00862	3'-0" 6'-0"	8-6, 8-6,			1MON 1MON	
2	VT VT	00863 00864	9'-0" 2'-0"	8-6, 8-6,			1MON 1MON	
I	VI VT	00864 00865	12'-0" 15'-0"	8-6, 8-6,			1MON 1MON	
	VT VT	00866 95382	18'-0" 10'-10 1/8"	8-6, 8-6,			MON MON	
	VI VT	45382 95517	6'-0"	8-6/ 4-6/			1MON 1MON	
	VT	95518	12'-0"	4-6/	12	CO	MON	
FIE	LD INSTA	ALLED ROOF SCH	FRAMIN EDULE	IG BEAN		PER		
DENTIFIER	DES	CRIPTION	LENGTH	ENG. NUI	1. R	EMARKS		
L20I-2		15 - 09-04	10'-0"	1012		I.A	\exists	
L202-2	LVL I.	15 - 09-04	10'-0"	1012		I.A		
4.A - (3) PL FROM EACH 5.A - (3) PL	Y 20" TALL / ASTEN PLIES Y UP TO AND EACH SIDE (SIDE. Y 14" UP TO /	AND INCLUDING 18 L FASTEN PLIES W AND OVER: FASTE W/ (5) ROWS 12D 1 INCLUDING 11 7/8" OR ALT I 1/2" WIDE AND INCLUDING 18" OR ALT I 1/2" WIDE	IN PLIES W/ (* NAILS AT 12" TALL: FAST LVL FASTEN : FASTEN PL	IES W/ (3) Ra 2D NAILS AT 4) ROWS IGD 0.C. EN PLIES W/ (3) N PLIES W/ (3) Ra	12"0.C. NAILS A (2) ROWS) ROWS 1 0WS 16D N	T 12" O.C. C 16D NAILS 2D NAILS A NAILS AT 12	2" O.C. OF PR ALT I I AT I2" O AT I2"O.C. "O.C.	1/2" WIDE .C. FROM
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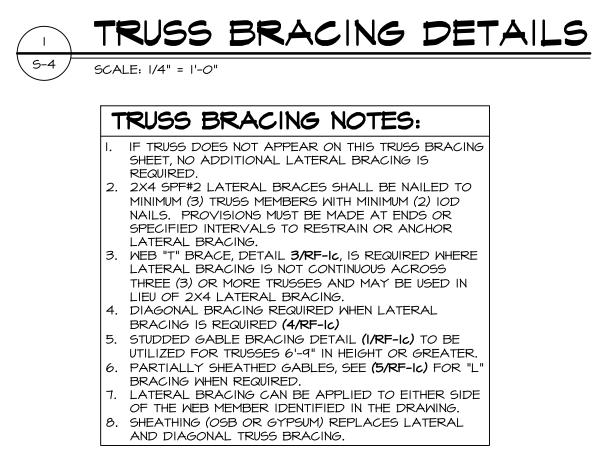












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BRACED WALL LINE SCHEDULE											
WIND SPEED (ULT)	IDENTIFIER	REQUIRED (FT)	ACTUAL (FT)	METHOD							
I30 MPH	BWL 100.00	5.25'	6.00'	CONTINUOUS (WITH GWB)							
130 MPH	BWL 101.00	8.63'	27.99'	MSP (WITH GMB)							
130 MPH	BWL 102.00	15.84'	17.00'	LIB							
I30 MPH	BWL 103.00	5.05'	16.66'	MSP (WITH GMB)							
130 MPH	BWL 104.00	10.72'	23.66	MSP (WITH GMB)							
I30 MPH	BWL 105.00	9.09'	50.25'	WSP (WITH GWB)							

BRACING LEGEND

BWL XXX.XX	BRACED WALL LINE I.D.
	BRACED WALL LINE
	HOUSE WALL
7///////	BRACED WALL PANEL
WSP	WOOD STRUCTURAL PANEL
GB	GYPSUM BOARD (1) SIDED OR (2) SIDED
GB-BW	GYPSUM BOARD BLOCKED WALL CONSTRUCTION (I) SIDED OR (2) SIDED (SEE STANDARD DETAIL G/WB-2)
LIB	LET-IN BRACING (SEE STANDARD DETAIL F / MB-2)
CS-WSP	CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL
CS-PF	CONTINUOUS SHEATHING - PORTAL FRAME, SEE FLOOR PLANS FOR PORTAL FRAME HEADER INFORMATION (SEE STANDARD DETAIL A, C/ WB-2)
CS-G	CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL ADJACENT TO GARAGE OPENINGS
ю	HOLD-DOWN

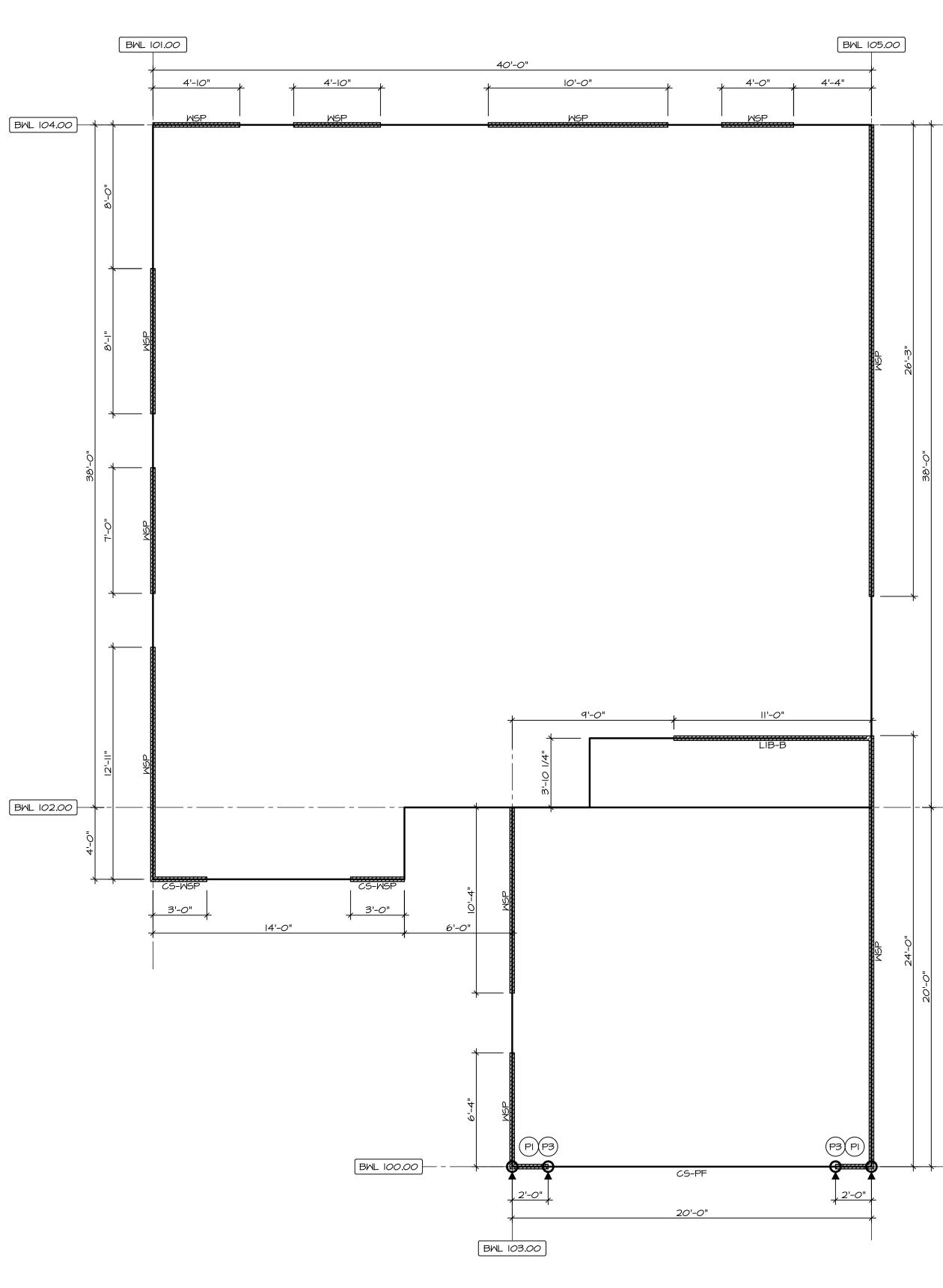
I. SEE SHEET **WB-2 "P_"** INDICATOR SCHEDULE AND DETAILS 2. ARROW INDICATES LOCATION

NOTES: HOUSE HAS BEEN ANALYZED UTILIZING A PRESCRIPTIVE METHOD IN COMPLIANCE WITH INTERNATIONAL RESIDENTIAL CODES (IRC) UNLESS OTHERWISE NOTED.

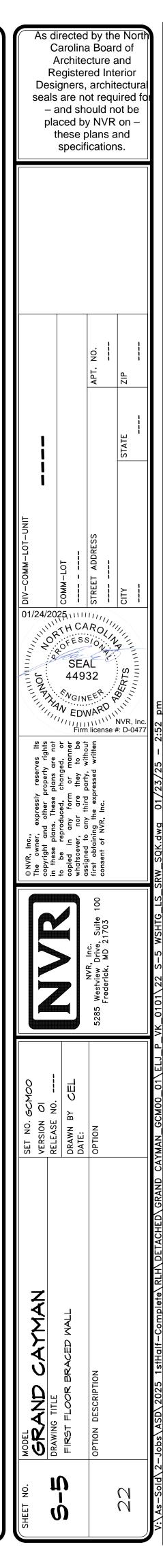
FASTENING SCHEDULE

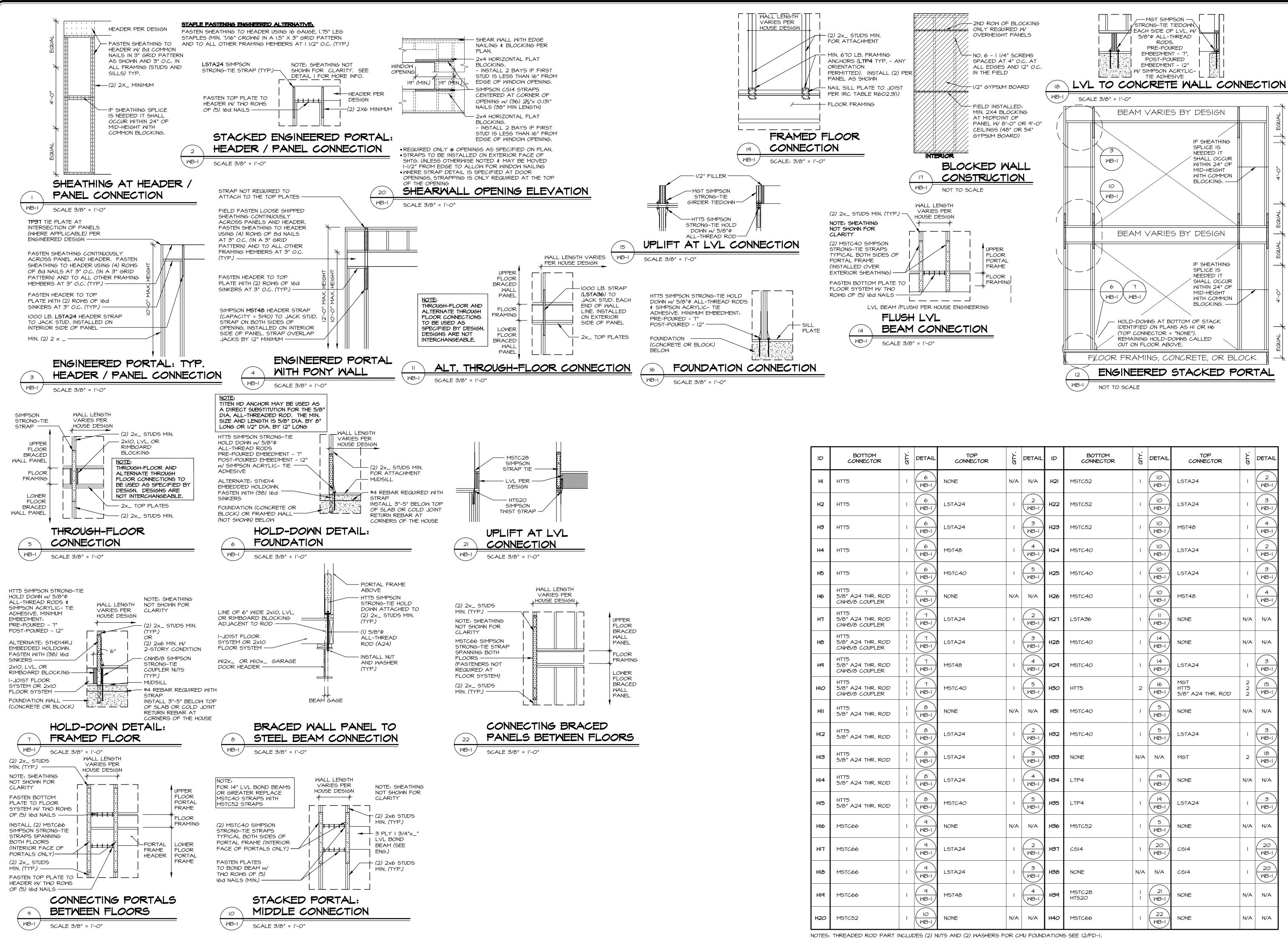
SHEATHING	FASTENER	SPACING							
SHEATHING	FASTENER	EDGES	FIELD						
1/16" WOOD STRUCTURAL PANELS OR	8d COMMON NAILS	6" O.C.	6" O.C.						
EQUIVALENT (W/ METHOD WSP, CS-WSP, CS-G)	ALTERNATIVE FASTENER I-3/4" I6-GAUGE CORROSION RESISTANT STAPLES	3" <i>O</i> .C.	6" O.C.						
I/2" GYPSUM WALLBOARD	I-1/4" LONG, I/4" HEAD, .098" DIA. ANNULAR-RINGED NAILS	7" O.C.	7" O.C.						
(W/ METHOD GB-I, GB-2)	CORROSION RESISTANT TYPE W I-I/4" DRYWALL SCREWS	T" O.C.	T" O.C.						
I/2" GYPSUM WALL BOARD BLOCKED AT THE EDGES (W/ METHOD GB-BW-I, GB-BW-2, ENG-BW)	BLOCKING REQUIRED AT ALL GYPSUM EDGES. USED CORROSION RESISTANT TYPE W I-I/4" DRYWALL SCREWS	4" <i>O</i> .C.	12" <i>O</i> .C.						
STRUCTURAL F 2. SPECIFIED GY	CROWN WIDTH FOR STAPL PANEL. PSUM FASTENING REQUIRE								

- METHOD GB IS IDENTIFIED. SEE PHASE SPECS FOR TYPICAL GYPSUM FASTENER SPACING. USE OF STAPLES IN WOOD STRUCTURAL PANEL AS FASTENING METHOD ON WALLS PER ENGINEERED
- ALTERNATIVE. MALL PANELS NOT IDENTIFIED AS BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH THE WSP METHOD.



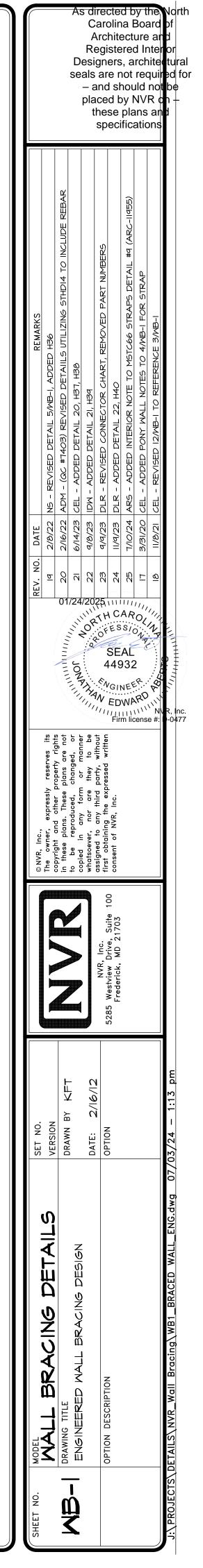


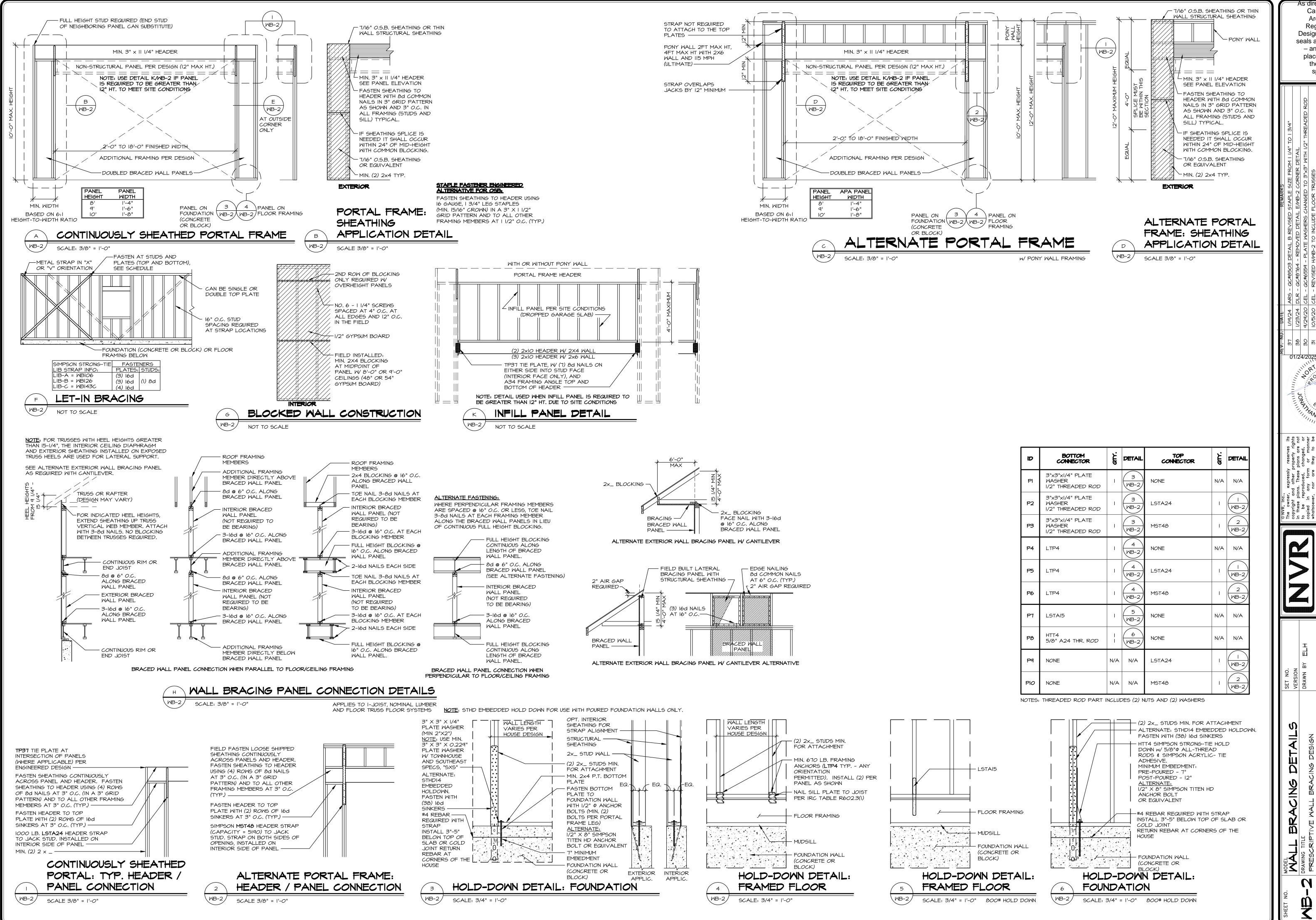




2	PANELS BETWEEN FLOORS
3-1/	SCALE 3/8" = I'-0"

סו	BOTTOM CONNECTOR	ату.	DETAIL	TOP CONNECTOR	ат <u>у</u> .	DETAIL	D	BOTTOM CONNECTOR	ату.	DETAIL	TOP CONNECTOR	ату.	DETAIL
н	HTT5	I	6 WB-I	NONE	N/A	N/A	H2I	MSTC52	1		LSTA24	I	2 WB-I
H2	НТТ5	I	6 WB-I	LSTA24	I	2 MB-I	H22	MSTC52	1	IO WB-I	LSTA24	I	3 WB-I
HЗ	HTT5	I	6 WB-I	LSTA24	I	3 MB-I	H23	MSTC52	1	IO WB-I	MST48	I	4 WB-I
H4	HTT5	I	6 WB-I	MST48	I	4 MB-1	H24	MSTC40	1	IO WB-I	LSTA24	I	2 WB-I
H5	НТТ5	I	6 WB-I	MSTC40	I	5 MB-I	H25	MSTC40	I	IO WB-I	LSTA24	I	3 WB-I
H6	HTT5 5/8" A24 THR. ROD CNW5/8 COUPLER		7 WB-I	NONE	N/A	N/A	H26	MSTC40	1	IO WB-I	MST48	I	4 WB-I
H7	HTT5 5/8" A24 THR. ROD CNW5/8 COUPLER		7 WB-I	LSTA24	I	2 MB-I	H27	LSTA36	1	II WB-I	NONE	N/A	N/A
HØ	HTT5 5/8" A24 THR. ROD CNW5/8 COUPLER		7 WB-I	LSTA24	I	3 MB-I	H28	MSTC40	1	I4 MB-I	NONE	N/A	N/A
H9	HTT5 5/8" A24 THR. ROD CNW5/8 COUPLER		7 WB-I	MST48	I	4 MB-I	H29	MSTC40	1	I4 MB-I	LSTA24	I	3 WB-I
HIO	HTT5 5/8" A24 THR. ROD CNW5/8 COUPLER		7 WB-I	MSTC40	I	5 MB-I	нзо	HTT5	2	I6 MB-I	MGT HTT5 5/8" A24 THR. ROD	2 2 2	I5 WB-I
нп	HTT5 5/8" A24 THR. ROD		8 WB-I	NONE	N/A	N/A	H3I	MSTC40	1	5 WB-I	NONE	N/A	N/A
HI2	HTT5 5/8" A24 THR. ROD		B WB-I	LSTA24	I	2 MB-I	H32	MSTC40	1	5 WB-I	LSTA24	I	3 WB-I
HI3	HTT5 5/8" A24 THR. ROD		B WB-I	LSTA24	I	3 MB-I	нзз	NONE	N/A	N/A	MGT	2	IB WB-I
HI4	HTT5 5/8" A24 THR. ROD		B WB-I	LSTA24	I	4 MB-I	H34	LTP4	1	Iq WB-I	NONE	N/A	N/A
HI5	HTT5 5/8" A24 THR. ROD		8 WB-I	MSTC40	I	5 MB-I	H35	LTP4	1	Iq WB-I	LSTA24	I	3 WB-I
HI6	MSTC66	I	q WB-I	NONE	N/A	N/A	H36	MSTC52	1	5 WB-I	NONE	N/A	N/A
ніт	MSTC66	I	(q WB-I)	LSTA24	I	2 MB-I	H37	C514	1	20 WB-1	C514		20 WB-1
нів	MSTC66	I	(q WB-I)	LSTA24	I	3 WB-I	НЗӨ	NONE	N/A	N/A	C514		20 WB-1
HI9	MSTC66		(q WB-I)	MST48	I	4 WB-I	H39	MSTC28 HTS20		21 WB-I	NONE	N/A	N/A
120	MSTC52	1	IO WB-I	NONE	N/A	N/A	H40	MSTC66	1	22 MB-1	NONE	N/A	N/A





D	BOTTOM CONNECTOR	क्षार.	DETAIL	top Connector	क्षार.	DETAIL
PI	3"x3"x1/4" PLATE WASHER I/2" THREADED ROD	I	B-2	NONE	N/A	N/A
P2	3"x3"x1/4" PLATE WASHER I/2" THREADED ROD	I	B-2	LSTA24	Ι	I WB-2
P3	3"x3"x1/4" PLATE WASHER I/2" THREADED ROD	I	3 WB-2	MST48	I	2 WB-2
P4	LTP4	I	4 WB-2	NONE	N/A	N/A
P5	LTP4	I	4 WB-2	LSTA24	I	I WB-2
P6	LTP4	I	4 WB-2	MST48	I	2 WB-2
PT	LSTAI5	I	5 8-2	NONE	N/A	N/A
P8	HTT4 5/8" A24 THR. ROD		6 WB-2	NONE	N/A	N/A
Pq	NONE	N/A	N/A	LSTA24	I	I WB-2
PIO	NONE	N/A	N/A	MST48	I	2 WB-2

		ر R Des seals – 1	Car Arc igr igr a a ac the	roli chit ner re d s ed	na tec s, a no sho by e pl	Bo tur ed I arc t re	e a nte hite qu I no /R s a	ire ot b on nd	f ural dior
Guvr, Inc., REMARKS	expressly reserves its and other property rights 0.31	JONATT	whatsoever, nor are they to be SSA 2020 31 10/5/20 CEL - REVISED H/WB-2 TO INCLUDE FLOOR TRUSSES	44 W _G E	93 INE DW	BIC REMOVE USE OF FLAT BLOCKING		The second secon	
				NVR, Inc.	Frederick, MD 21703				
	SET NO. VERSION	DRAWN BY ELH		DATE: 4/8/14	OPTION				1 + 3·2 + 2·/ - 2·/ - 3·2 + 1/
	WALL BRACING DETAILS	ZD-2 Drawing Title	PRESCRIPTIVE MALL BRACING DESIGN		OPTION DESCRIPTION				