

# TrueHomes

IT'S ALL ABOUT U

**TrueHomes**  
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2649 Breckridge Centre Dr.  
Suite 104  
Monroe, N.C. 28110  
704-271-1191

### HEADER SCHEDULE

ALL INTERIOR BEARING AND EXTERIOR WALLS

- SPANS UP TO 3'-6" -- (2) 2x8's
- SPANS 3'-6" TO 6'-6" -- (2) 2x10's
- SPANS 6'-6" OR MORE -- SEE PLAN

**\*\* SOUTH CAROLINA SPECIFIC NOTE \*\***  
ALL OPENINGS IN THERMAL ENVELOPE MUST HAVE INSULATED HEADER PER CODE

### EXTERIOR HINGED DOOR SCHEDULE

DOOR WIDTH		DOOR HEIGHT R.O.		
PLAN I.D.	R.O. WIDTH	8FT CEILING	9FT CEILING	10FT CEILING
3/0	3'-2 1/2"	82'-1/2"	82'-1/2"	98'-1/2"
2/8	2'-10 1/2"			
5/0	5'-3 5/8"			
5/4	5'-7 5/8"			
6/0	6'-3 5/8"			
SLIDING PATIO DOORS				
5/0	60'-1/8"	80'-1/2"	80'-1/2"	96'-1/2"
6/0	72'-1/8"	80'-1/2"	80'-1/2"	96'-1/2"

### INTERIOR HINGED DOOR SCHEDULE

DOOR WIDTH		DOOR HEIGHT R.O.		
PLAN I.D.	R.O. WIDTH	8FT CEILING	9FT CEILING	10FT CEILING
1/4	1'-6"	82'-1/2" NOMINAL DOOR HEIGHT + 2'-1/2"	82'-1/2" NOMINAL DOOR HEIGHT + 2'-1/2"	98'-1/2" NOMINAL DOOR HEIGHT + 2'-1/2"
1/6	1'-8"			
1/8	1'-10"			
2/0	2'-2"			
2/4	2'-6"			
2/6	2'-8"			
2/8	2'-10"			
2/10	3'-0"			
3/0	3'-2"			
4/0	4'-2"			
5/0	5'-2"	(6'-8" NOMINAL DOOR HEIGHT + 2'-1/2")	(6'-8" NOMINAL DOOR HEIGHT + 2'-1/2")	(8'-0" NOMINAL DOOR HEIGHT + 2'-1/2")
6/0	6'-2"			

◊ EXTERIOR DOOR    ○ INTERIOR DOOR

### INTERIOR PASS THRU SCHEDULE

FRAMED OPENING DIMENSIONS			
WALL HEIGHT	R.O. WIDTH	R.O. HEIGHT	
8'-1	1/8"	PLAN I.D. + 2"	82'-1/2"
9'-1	1/8"	PLAN I.D. + 2"	94'-1/2"
10'-1	1/8"	PLAN I.D. + 2"	98'-1/2"

ROUGH OPENING HEIGHTS ARE FOR DO, CO, & AO OPENINGS. SHIM HEIGHTS AS NEEDED TO MATCH INTERIOR HINGED DOOR CASING

INTERIOR DOORWAY OPENINGS:  
DO = DRYWALL OPENING  
CO = CASER OPENING  
AO = ARCHER OPENING

### GENERAL NOTES

- 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 2018 INTERNATIONAL RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF SOUTH CAROLINA, WITH MODIFICATIONS AS REQUIRED TO MEET LOCAL BUILDING CODES FOR EACH APPLICABLE JURISDICTION.
- DO NOT SCALE DIMENSIONS FROM PRINTS. USE DIMENSIONS GIVEN OR CONSULT ARCHITECTURAL SERVICES DEPARTMENT FOR FURTHER CLARIFICATION.
- ALL DIMENSIONS ARE FROM WALL FRAMING (FACE OF STUD), NO FINISHED DIMENSIONS ARE GIVEN U.N.O.
- PROVIDE 2 STUDS BETWEEN ALL WINDOWS.(TYP)
- ACCESS DOORS BETWEEN HOUSE AND GARAGE AREAS TO BE 20-MINUTE FIRE RATED.
- ALL EXTERIOR WALLS & INTERIOR WALLS TO BE 2X4 STUDS 16" O.C. (U.N.O.). INTEGRITY COLLECTION INTERIOR NON-LOAD BEARING WALLS 24" O.C. (U.N.O.)
- ALL STRUCTURAL FRAMING LUMBER EXPOSED DIRECTLY TO THE WEATHER OR BEARING DIRECTLY ON MASONRY OR CONCRETE SHALL BE TREATED. ALL WOOD IN CONTACT WITH THE GROUND MUST BE GROUND-CONTACT APPROVED. ALL WOOD EXPOSED DIRECTLY TO THE WEATHER SHALL BE PROTECTED TO PREVENT THE OCCURRENCE OF ROT.
- ALL ANGLED WALLS ARE AT 45 DEGREES UNLESS NOTED OTHERWISE.
- REFER TO QUALITY STANDARDS AND/OR MANUFACTURER SPECS FOR WINDOW ROUGH OPENING SIZES. SEE ELEVATIONS FOR WINDOW HEADER HEIGHTS (U.N.O.).
- PROVIDE BLOCKING ABOVE WINDOWS AND DOORS 16" O.C.
- PROVIDE EXTRA STUDS AS INDICATED AT BEAM BEARING LOCATIONS.
- WALLS TO BE FRAMED WITH STUDS AT 16" O.C. AT KITCHEN WALLS WITH CABINETS AND AT TUB/SHOWER LOCATIONS (PER MANUF.).
- ALL COMMON CEILING BETWEEN GARAGE TO HOUSE PROVIDE 5/8" TYPE X GWB PER GARAGE SEPARATION REQUIREMENTS PER CODE. ALL JOINTS TO BE TAPED & MUDDER FOR FIRE SEPARATION. ALL STRUCTURES SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRE NOT LESS THAN 1/2" GYP OR EQ. PER SECTION R302.6
- SEPARATE GARAGE FROM ATTIC WITH 5/8" TYPE X GWB SCUTTLE MINIMUM AND 2X SCUTTLE FRAMING MATERIAL.
- HEEL HEIGHTS: SEE ELEVATIONS SHEETS FOR TOP OF FASCIA DIMENSIONS TO GATHER PROPER HEEL HEIGHT REQUIREMENTS.
- PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES AND PER MANUFACTURER SPECS.
- STAIR TREAD DESIGN TO BE VERIFIED WITH SELECTIONS AND PO'S.
- PROVIDE 1 1/2" FLAT WALL FRAMING FOR ALL HVAC CHASES UNLESS NOTED OTHERWISE. SEE FRAMING SHEET GN FOR ADDITIONAL NOTES PER LOCAL CODES.
- FOR TRADITIONS, ELEMENTS, INTEGRITY, AND TRIBUTE SERIES, DOORS SHOULD BE LOCATED 4" OFF ADJACENT WALLS OR CENTERED IN THE WALL UNLESS NOTED OTHERWISE. DESIGNER SERIES SHOULD BE LOCATED 6" OFF ADJACENT WALLS OR CENTERED IN THE WALL UNLESS NOTED OTHERWISE.
- ALL HOMES TREATED WITH BORA-CARE TERMITE TREATMENT.
- SMURF DOORS ARE 21 1/2" x 39" NOMINAL (R.O. 22 1/2" x 40").
- SHEATH WALLS AND CEILINGS w/ OSB PER SPECS. IN FURN. ROOM LOCATIONS
- ALL PLANS ARE GENERATED WITH THE AID OF A COMPUTER AIDED DRAFTING SYSTEM.
- DIMENSION AND NOTATIONS ON PLANS HAVE PREFERENCE OVER GRAPHIC DEPICTIONS AND SHOULD BE UTILIZED TO SETTLE ANY DISCREPANCIES - ANY DISCREPANCIES FOUND SHOULD BE FORWARDED TO THE ARCHITECTURAL SERVICES DEPARTMENT FOR RESOLUTION.
- 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 APPLICABILITY OF THE DETAIL TO ITS LOCATION ON THE DRAWINGS CAN BE DETERMINED BY THE TITLE OF THE DETAIL. SUCH DETAILS SHALL APPLY WITHER OR NOT THEY ARE REFERENCED AT EACH LOCATION.
- ALL CONSTRUCTION SPECIFICATION NOT COVERED ON THIS SHEET, OR IN PLAN SETS AND GENERAL SPECIFICATIONS, ARE TO MEET ALL APPLICABLE STATE AND LOCAL BUILDING CODES.
- HOUSE CONSTRUCTION IS TYPICAL 2X4 STUDS AT 16" O.C. AT ALL EXTERIOR WALLS UNLESS OTHERWISE NOTED. WALLS THAT ARE TO BE BALLOON FRAMED OR CONSTRUCTED WITH 2X6 STUDS WILL BE NOTED AS SUCH. ALL BASEMENT FRAMED WALLS TO BE 2X4 STUDS FOR ONE-STORY PLANS AND 2X6 STUDS FOR LOAD BEARING WALLS ON TWO-STORY PLANS UNLESS OTHERWISE NOTED.
- PLANS ARE GENERATED FROM A COMMON GRAPHIC DATABASE WITH MODIFICATIONS AS REQUIRED TO ADAPT PLANS TO LOCAL BUILDING CONDITIONS AND SPECS FOR EACH LOCALITY.
- TRUE HOMES RESERVES THE RIGHT TO MAKE MODIFICATIONS TO FLOOR PLANS, DIMENSIONS, MATERIALS, AND SPECIFICATIONS WITHOUT NOTICE. THESE DRAWINGS ARE FOR THE PURPOSE OF CONVEYING AN ARCHITECTURAL CONCEPT ONLY.

### RALEIGH DESIGN CRITERIA

- DESIGN LOADS ARE ALL DEAD LOADS PLUS:
  - SLEEPING ROOMS.....30 PSF
  - ALL OTHER FLOORS.....40 PSF
  - BALCONIES.....40 PSF
  - ATTIC FLOOR LIVE LOADING WITH THE FOLLOWING:
    - AREA ACCESSIBLE BY STAIRS.....40 PSF
    - ROOF SLOPES >3:12.....20 PSF
    - ROOF SLOPES <3:12.....10 PSF
  - ROOF LIVE LOAD.....20 PSF
  - WIND LOAD.....115 MPH
  - SNOW LOAD.....20 PSF
  - SEISMIC ZONE.....B
- DESIGN IS COMPLIANT WITH 2018 NCRC ENERGY CODE N1102.2 PRESCRIPTIVE FOR CLIMATE ZONE 4A

### REVISION LOG

1. DATE:	DRAWN BY:
2. DATE:	DRAWN BY:
3. DATE:	DRAWN BY:
4. DATE:	DRAWN BY:

# THE 'HUDSON'

## NORRIS FARM

LOT # 16  
166 NORRIS FARM DRIVE  
ANGIER, NC 27501

### COMMUNITY SPECS

- MONO SLAB FOUNDATION
- VINYL SIDING / VINYL SOFFIT
- 2 CAR GARAGE STANDARD

### SQUARE FOOTAGE

FIRST FLOOR	941 SQ.FT.
SECOND FLOOR	1128 SQ.FT.
TOTAL LIVABLE	2069 SQ.FT.
FRONT PORCH	20 SQ.FT.
2-CAR GARAGE	445 SQ.FT.
REAR PATIO	100 SQ.FT.
OVERALL HT. (FF to Ridge)	27'-11"
PLATE HEIGHT(s)	9' / 8'

## INTEGRITY

### HELP HOTLINES

**"WHEN IN DOUBT, GIVE US A SHOUT"**

**TRUE BUILDER:**  
(To be filled in by Builder on site)

NAME: \_\_\_\_\_

NUMBER: \_\_\_\_\_

**ARCHITECTURAL SERVICES:**

- Missing or Conflicting Dimensions
- Plan Legibility
- Missing Options

Mon-Fri: 8am - 5pm  
CHARLOTTE MKTS: 704-681-2032  
ALL OTHER MKTS: 704-993-1861  
E-mail: CADISSUE@truehomesusa.com

**ESTIMATING:**

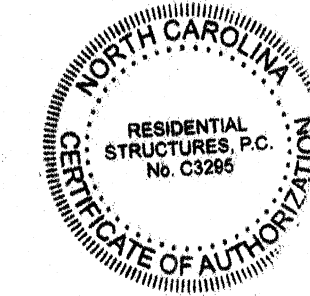
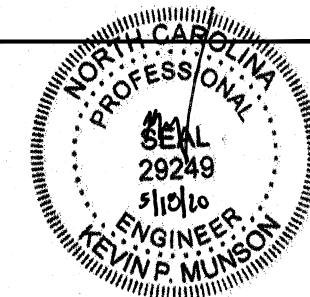
- Missing Material or Shortage
- Purchase Order Questions

Mon-Fri: 8am - 5pm  
ALL MKTS: 704-681-4916

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ORIGINAL CONTRACT ID#: XXXXX



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

BASE ELEVATION

NORRIS FARM  
LOT# 16

HUDSON  
2002

HARNETT

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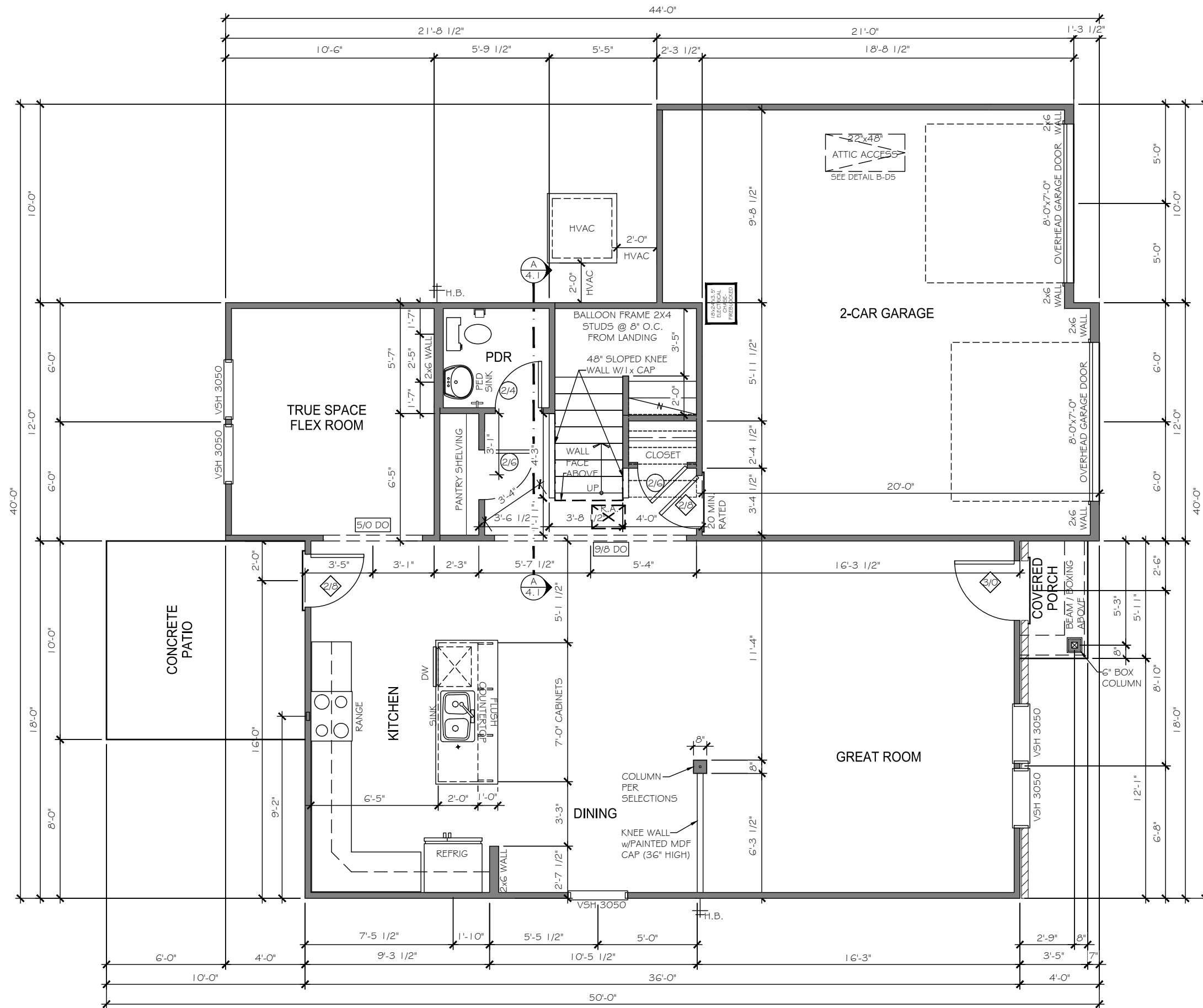
PREPARED BY:  
**PETER**

DATE:  
5-15-20

SCALE:  
NOT TO SCALE

REVIEWED BY:  
**CHUCK**

SHEET:  
**CS**



2002 - FIRST FLOOR PLAN

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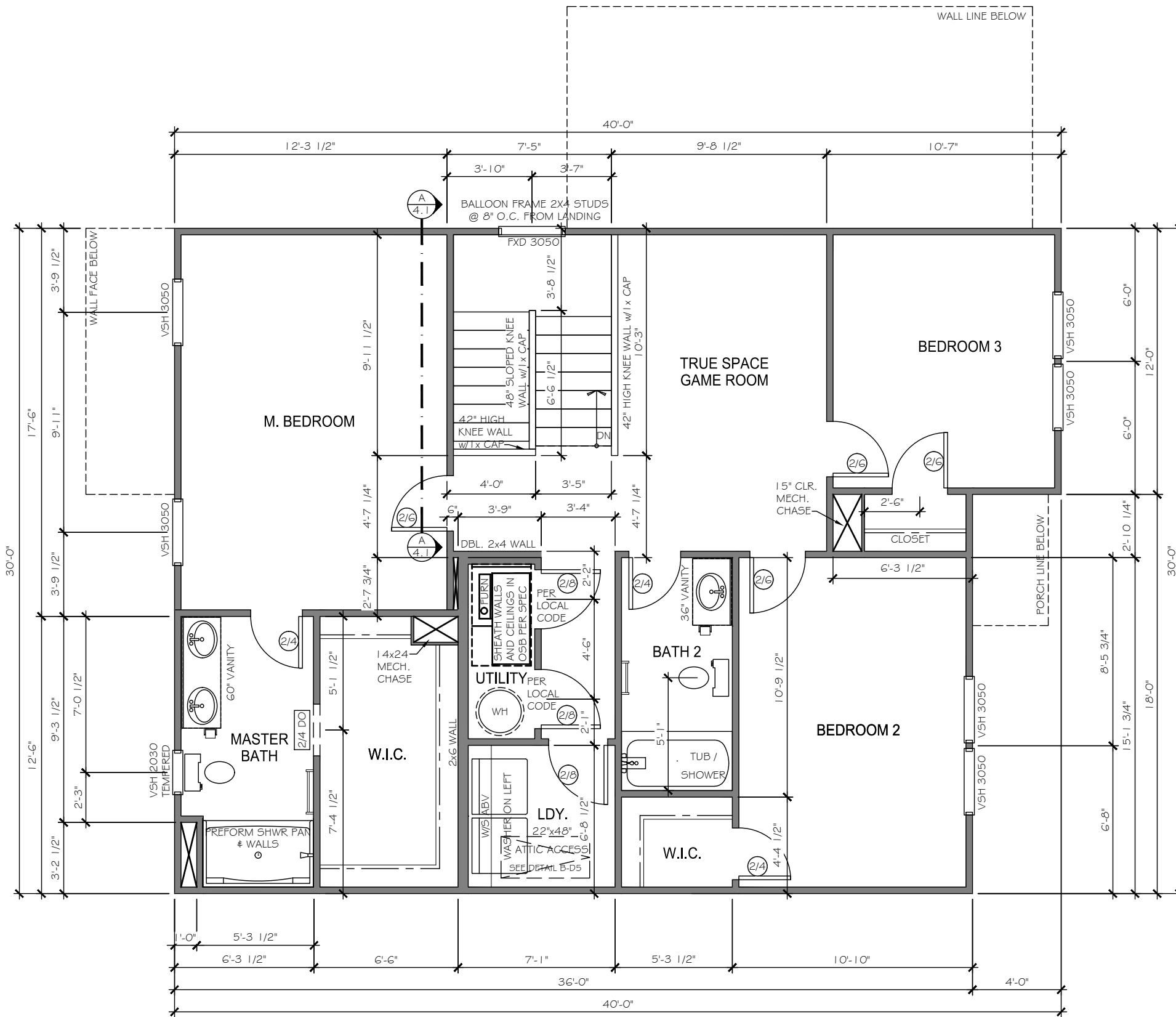
**NORRIS FARM**  
**LOT# 16**

**HUDSON**  
 2002

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 PREPARED BY:  
**PETER**  
 DATE:  
 5-15-20  
 SCALE:  
 3/16" = 1'-0"  
 REVIEWED BY:  
**CHUCK**

SHEET:  
**A2.1**

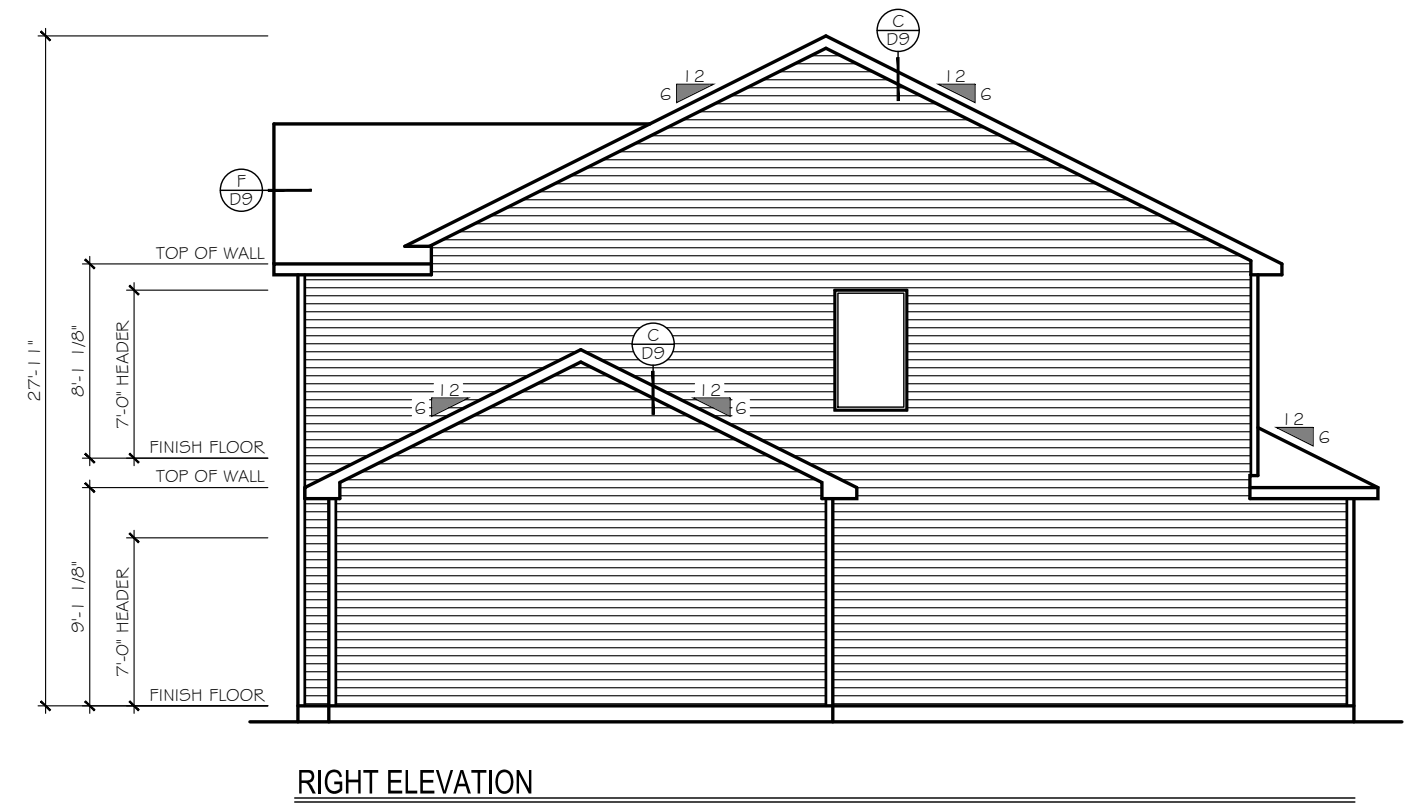


2002 - SECOND FLOOR PLAN



EXTERIOR MATERIAL LEGEND			
	B-N-B SIDING		STONE
	SHAKE SIDING		METAL ROOF
	HORIZONTAL SIDING		ROOF SHINGLE
	BRICK		SCALLOP SIDING

- FOUNDATION REVEAL MAY VARY BASED ON SITE CONDITIONS, FINAL GRADING, & COMMUNITY SPECS.
- ### KEY NOTES
- (15) FLASHING
  - (17) VINYL SHUTTER
  - (20) BRICKMOLD TRIM
  - (21) 1X4 TRIM BOARD
  - (23) 1X6 TRIM BOARD
  - (25) 1X8 TRIM BOARD
  - (28) 1X10 FRIEZE BOARD
  - (3) 1-1/2" THICK STONE CAP
  - (35) ROWLOCK SILL
  - (37) BRICK JACK ARCH
  - (39) SOLDIER COURSE
  - (41) PRECAST KEYSTONE
- 1x4 TRIM WHERE SHOWN AT WINDOWS AND DOORS UNLESS OTHERWISE NOTED
- SEE ROOF FRAMING PLANS FOR OVERHANG DIMENSIONS AND DORMER LOCATIONS



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NORRIS FARM

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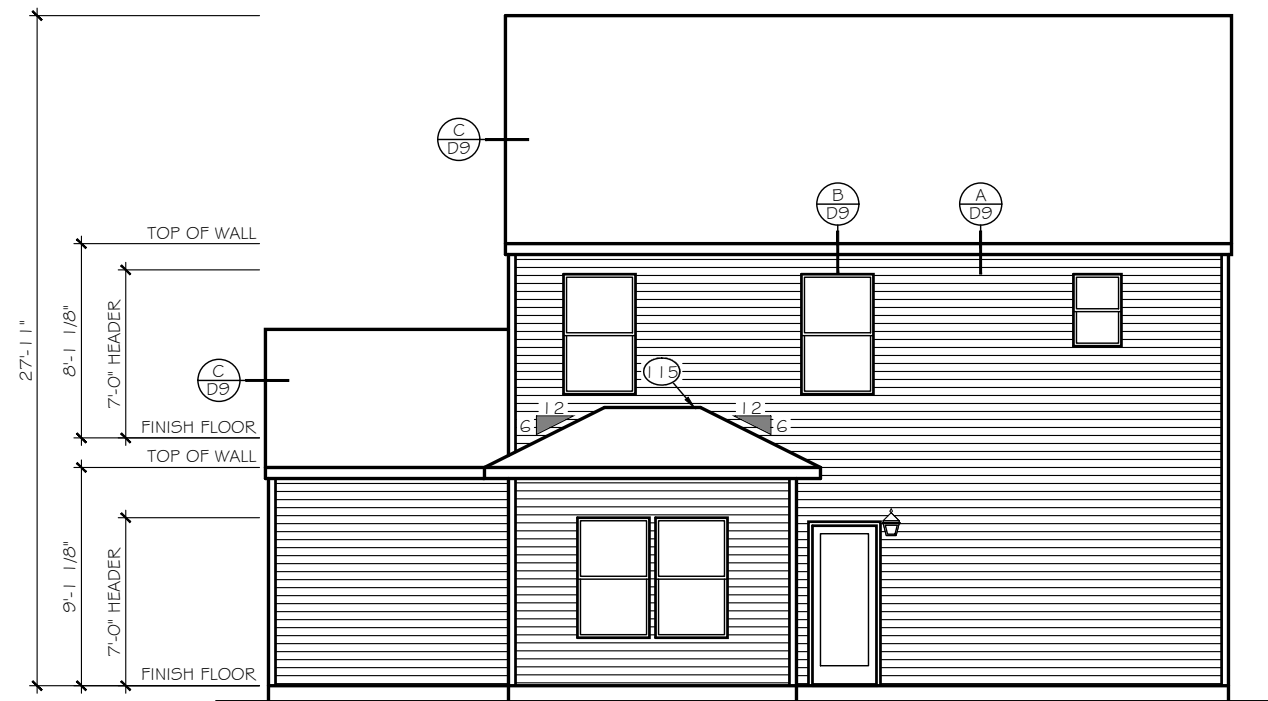
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 PETER

DATE:  
 5-15-20

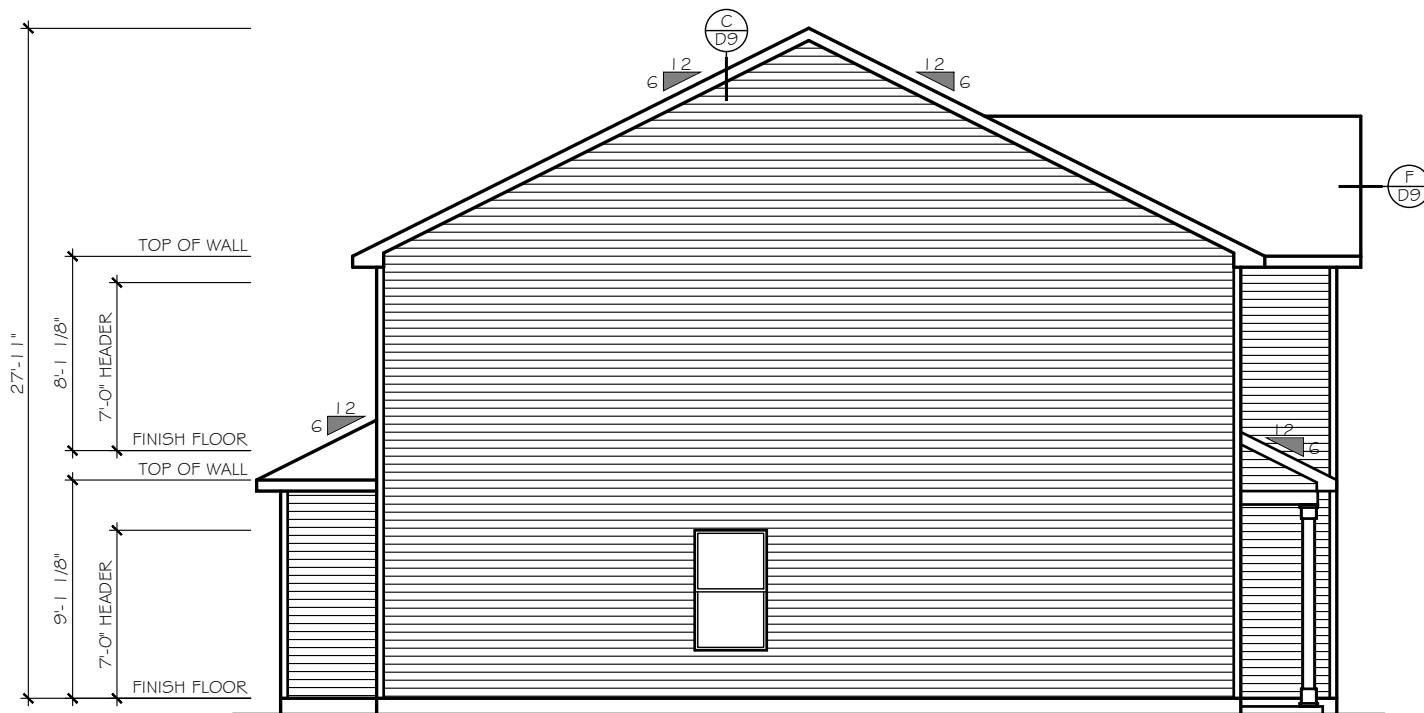
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 1/8" = 1'-0"

REVIEWED BY:  
 CHUCK

SHEET:  
 A3.1



REAR ELEVATION



LEFT ELEVATION

EXTERIOR MATERIAL LEGEND			
	B-N-B SIDING		STONE
	SHAKE SIDING		METAL ROOF
	HORIZONTAL SIDING		ROOF SHINGLE
	BRICK		SCALLOP SIDING

KEY NOTES	
FOUNDATION REVEAL MAY VARY BASED ON SITE CONDITIONS, FINAL GRADING, & COMMUNITY SPECS.	
(15)	FLASHING
(17)	VINYL SHUTTER
(20)	BRICKMOLD TRIM
(21)	1X4 TRIM BOARD
(23)	1X6 TRIM BOARD
(25)	1X8 TRIM BOARD
(26)	1X10 FRIEZE BOARD
(31)	1 - 1/2" THICK STONE CAP
(35)	ROWLOCK SILL
(37)	BRICK JACK ARCH
(39)	SOLDIER COURSE
(41)	PRECAST KEYSTONE
1x4 TRIM WHERE SHOWN AT WINDOWS AND DOORS UNLESS OTHERWISE NOTED	
SEE ROOF FRAMING PLANS FOR OVERHANG DIMENSIONS AND DORMER LOCATIONS	

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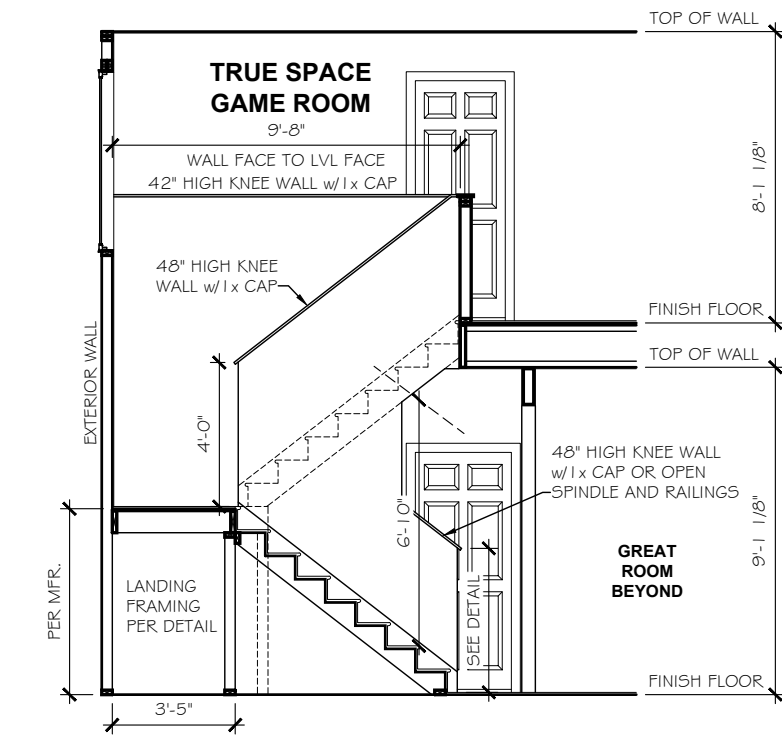
NORRIS FARM  
 LOT# 16

HUDSON  
 2002

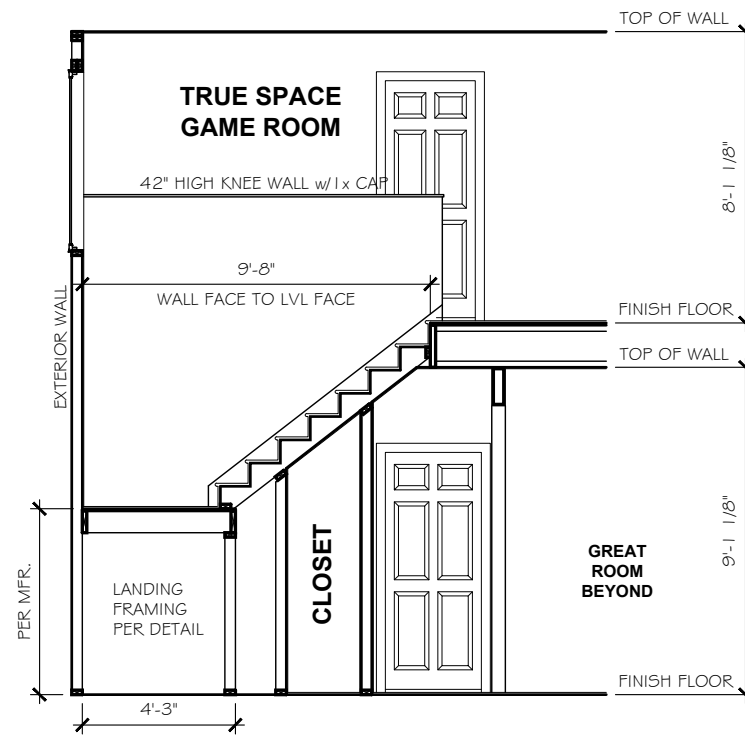
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 PREPARED BY:  
 PETER  
 DATE:  
 5-15-20  
 SCALE:  
 1/8" = 1'-0"  
 REVIEWED BY:  
 CHUCK

SHEET:  
**A3.2**



STAIR SECTION  
 SCALE: 3/16" = 1'-0"



9' PLATE  
 2000-2002 SECOND FLOOR

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SCALE:

AS SHOWN

REVIEWED BY:

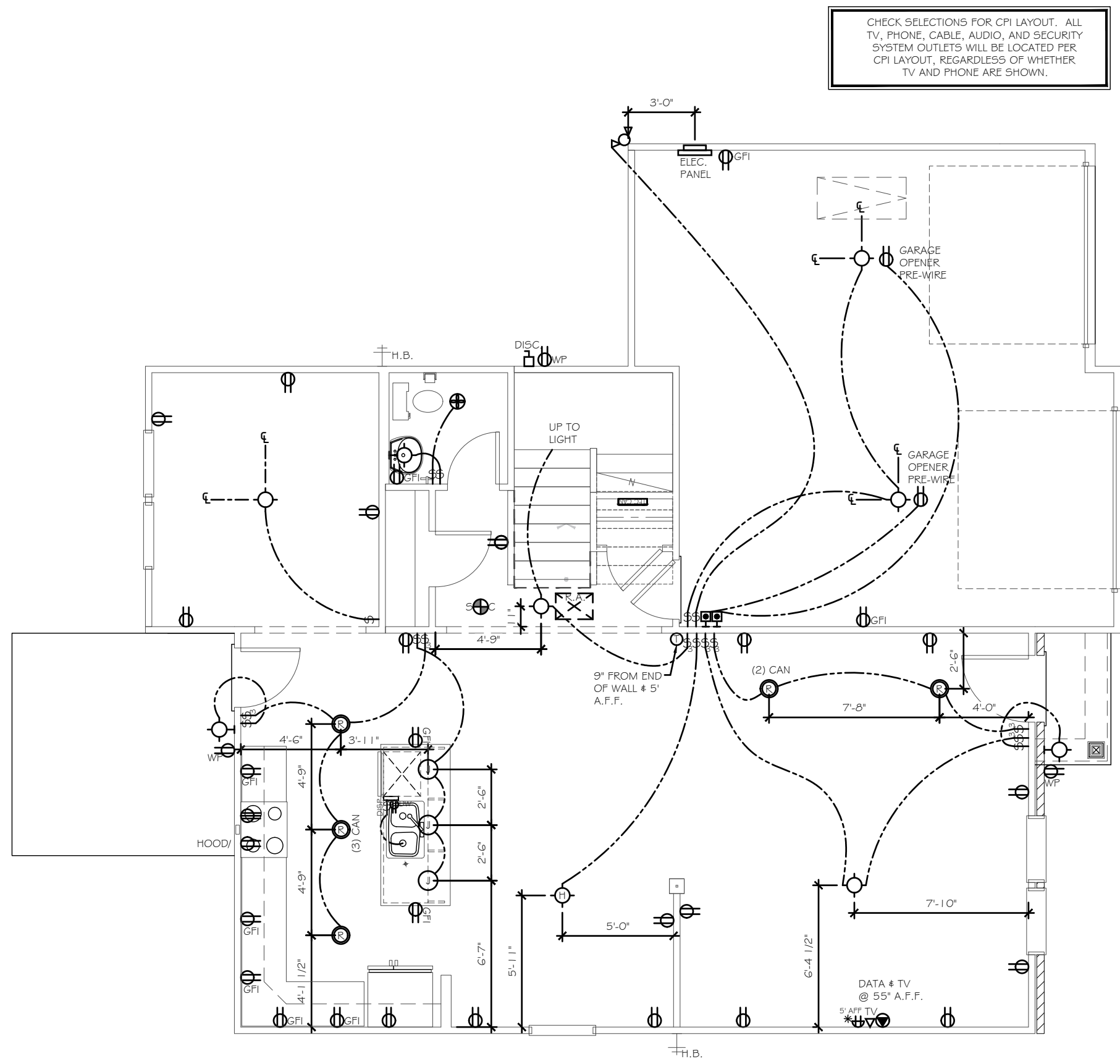
CHUCK

SHEET:

A4.1

ELECTRICAL LEGEND	
*	INDICATES ADDITIONAL OUTLET PER CLIENT
Ⓞ	OUTLET 110V (D=DEDICATED CIRCUIT)
5' AFF	RECESSED OUTLET 110V
Ⓞ	OUTLET 220V (D=DEDICATED CIRCUIT)
WP	OUTLET 110V WATER PROOF
GFI	OUTLET 110V GFI (D=DEDICATED CIRCUIT)
Ⓞ	FLOOR OUTLET 110V
Ⓞ	SWITCHED OUTLET
USB	DUAL USB OUTLET (3.1 AMP)
TV	TV WALL JACK
Ⓞ	PHONE / DATA JACK
Ⓞ	THERMOSTAT
Ⓞ	SMOKE / CO DETECTOR
Ⓞ	SMOKE DETECTOR
Ⓞ	SWITCH
Ⓞ	3-WAY SWITCH
Ⓞ	4-WAY SWITCH
Ⓞ	PUSH BUTTON
Ⓞ	WALL MOUNT LIGHT FIXTURE
Ⓞ	CEILING LIGHT
Ⓞ	HANGING LIGHT
J	JUNCTION BOX / PREWIRE
Ⓞ	RECESSED CAN LIGHT
Ⓞ	VAPOR PROOF CAN LIGHT
Ⓞ	MINI-CAN LIGHT
I	UNDER CABINET LIGHT
Ⓞ	WALL SCONCE (STD 72" AFF UNO)
Ⓞ	FLOOD LIGHT - LOCATION TO BE VERIFIED IN FIELD WITH BUILDER/CLIENT
Ⓞ	PENDANT LIGHT (6'-7" AFF STD)
Ⓞ	EXHAUST FAN
Ⓞ	EXHAUST FAN / LIGHT
Ⓞ	KEYLESS ENTRY
Ⓞ	CEILING FAN PRE-WIRE OR FIXTURE AS NOTED
Ⓞ	ELECTRIC PANEL (METER LOCATION MAY VARY)
DISC.	DISCONNECT BOX
HTC	DED. HOT TUB CIRCUIT (50amp, 240v GFI)
ELECTRICAL TO BE PLACED PER CODE IN THE FIELD. SEE QUALITY STANDARDS FOR HEIGHTS	
PLACE GAS METER MAX 15' AWAY FROM ELECTRICAL METER IF APPLICABLE	

LOW VOLTAGE LEGEND	
TEC CAN	
36" WHIP IN WALL (NO OUTLET)	
HD LINK	
5' AFF HD-L	
CHASE PIPE	
FLOOR	
OUTLET 110V	
SWITCHED OUTLET	
DUAL USB OUTLET (3.1 AMP)	
110v OUTLET (RECESSED AFF)	
110v OUTLET (STANDARD)	
CHASE PIPE	
5' AFF CH-P	
CHASE PIPE WALL PLATES (OUTLET SEPARATE)	
S	SPEAKER
PWS	PRE-WIRE FOR SPEAKER
●	WALL PLATE CONTROL
CHECK SELECTIONS FOR COMPLETE LOW VOLTAGE LAYOUT.	
LOW VOLTAGE TRADE RESPONSIBLE FOR LOCATING AND INSTALLING ALL SELECTED PRODUCTS.	



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

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

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NORRIS FARM  
LOT# 16

ELECTRICAL		
Count	Name	Visibility1
1	Lights	Flood Light
1	Lights	Exhaust Fan
1	CPI_OPTION S	TEC CAN
1	RECEPTACLE 2	PER CLIENT
1	RECEPTACLE 2	Recessed Outlet
2	Lights	Hanging Light
2	Lights	Can Light VP
2	Lights	Exhaust Fan/Light
2	Jacks	Thermostat
2	Jacks	Phone Jack
2	Jacks	TV Jack
2	Switch	Push Button
3	Detectors	Smoke/Carbon Monoxide Detector
3	Detectors	Smoke Detector
3	Lights	Junction Light
3	Receptacle	WP
6	Lights	Carriage Light
7	Lights	Can Light
10	Switch	3-Way Switch
13	Lights	Ceiling Light
14	Receptacle	GFI
25	Switch	Single Pole Switch
41	Receptacle	110V

HUDSON  
2002

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PETER  
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SCALE:  
3/16"=1'-0"  
REVIEWED BY:  
CHUCK

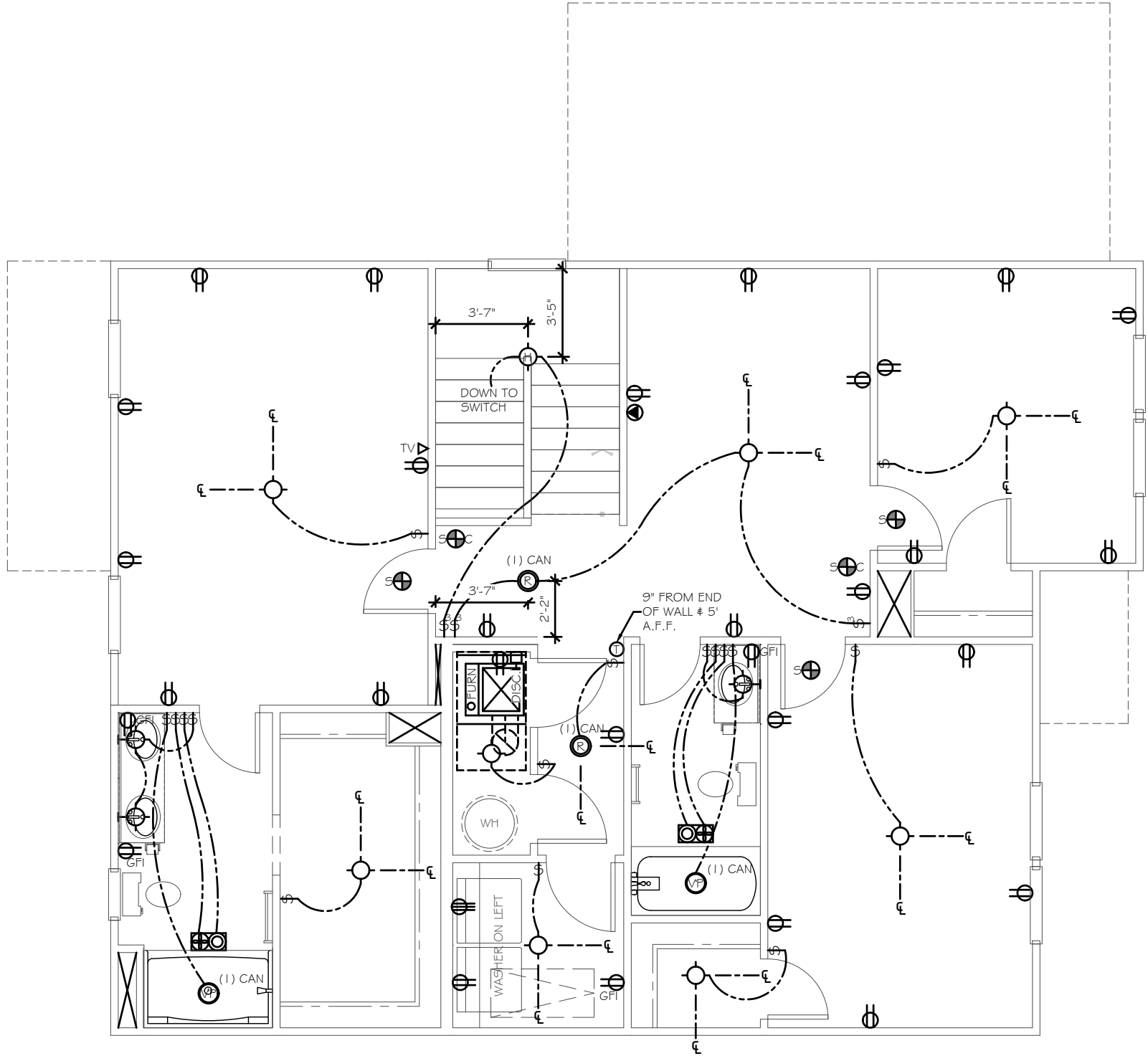
SHEET:  
E1.1

ELECTRICAL LEGEND	
*	INDICATES ADDITIONAL OUTLET PER CLIENT
Ⓞ	OUTLET 110V (D=DEDICATED CIRCUIT)
5' AFF	RECESSED OUTLET 110V
Ⓞ	OUTLET 220V (D=DEDICATED CIRCUIT)
WP	OUTLET 110V WATER PROOF
GFI	OUTLET 110V GFI (D=DEDICATED CIRCUIT)
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Ⓞ	SWITCHED OUTLET
USB	DUAL USB OUTLET (3.1 AMP)
TV	TV WALL JACK
Ⓞ	PHONE / DATA JACK
Ⓞ	THERMOSTAT
S	SMOKE / CO DETECTOR
S	SMOKE DETECTOR
\$	SWITCH
\$	3-WAY SWITCH
\$	4-WAY SWITCH
Ⓞ	PUSH BUTTON
Ⓞ	WALL MOUNT LIGHT FIXTURE
Ⓞ	CEILING LIGHT
Ⓞ	HANGING LIGHT
J	JUNCTION BOX / PREWIRE
Ⓞ	RECESSED CAN LIGHT
Ⓞ	VAPOR PROOF CAN LIGHT
Ⓞ	MINI-CAN LIGHT
I	UNDER CABINET LIGHT
Ⓞ	WALL SCONCE (STD 72" AFF UNO)
Ⓞ	FLOOD LIGHT - LOCATION TO BE VERIFIED IN FIELD WITH BUILDER/CLIENT
Ⓞ	PENDANT LIGHT (6'-7" AFF STD)
Ⓞ	EXHAUST FAN
Ⓞ	EXHAUST FAN / LIGHT
Ⓞ	KEYLESS ENTRY
Ⓞ	CEILING FAN PRE-WIRE OR FIXTURE AS NOTED
Ⓞ	ELECTRIC PANEL (METER LOCATION MAY VARY)
DISC.	DISCONNECT BOX
HTC	DED. HOT TUB CIRCUIT (50amp, 240v GFI)

LOW VOLTAGE LEGEND	
TEC CAN	
TEC CAN	<ul style="list-style-type: none"> <li>36" WHIP IN WALL</li> <li>(NO OUTLET)</li> </ul>
HD LINK	
5' AFF HD-L	
5' AFF CH-P	
CHASE PIPE	<ul style="list-style-type: none"> <li>CHASE PIPE</li> <li>HDMI CABLE</li> <li>2 CAT5E DATA</li> <li>TV/DATA JACK</li> <li>110v OUTLET (RECESSED AFF)</li> <li>110v OUTLET (STANDARD)</li> </ul>
5' AFF CH-P	
CHASE PIPE WALL PLATES (OUTLET SEPARATE)	
S	SPEAKER
PWS	PRE-WIRE FOR SPEAKER
●	WALL PLATE CONTROL
CHECK SELECTIONS FOR COMPLETE LOW VOLTAGE LAYOUT.	
LOW VOLTAGE TRADE RESPONSIBLE FOR LOCATING AND INSTALLING ALL SELECTED PRODUCTS.	

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

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



2002 - SECOND FLOOR ELECTRICAL PLAN

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NORRIS FARM  
 LOT# 16

HUDSON  
 2002

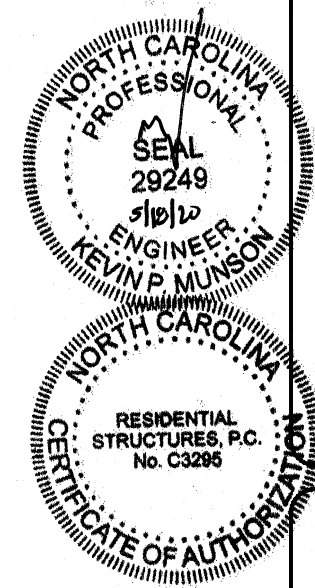
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 PETER  
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 SCALE:  
 3/16"=1'-0"  
 REVIEWED BY:  
 CHUCK

SHEET:  
**E1.2**

ELECTRICAL TO BE PLACED PER CODE IN THE FIELD. SEE QUALITY STANDARDS FOR HEIGHTS  
 PLACE GAS METER MAX 15' AWAY FROM ELECTRICAL METER IF APPLICABLE

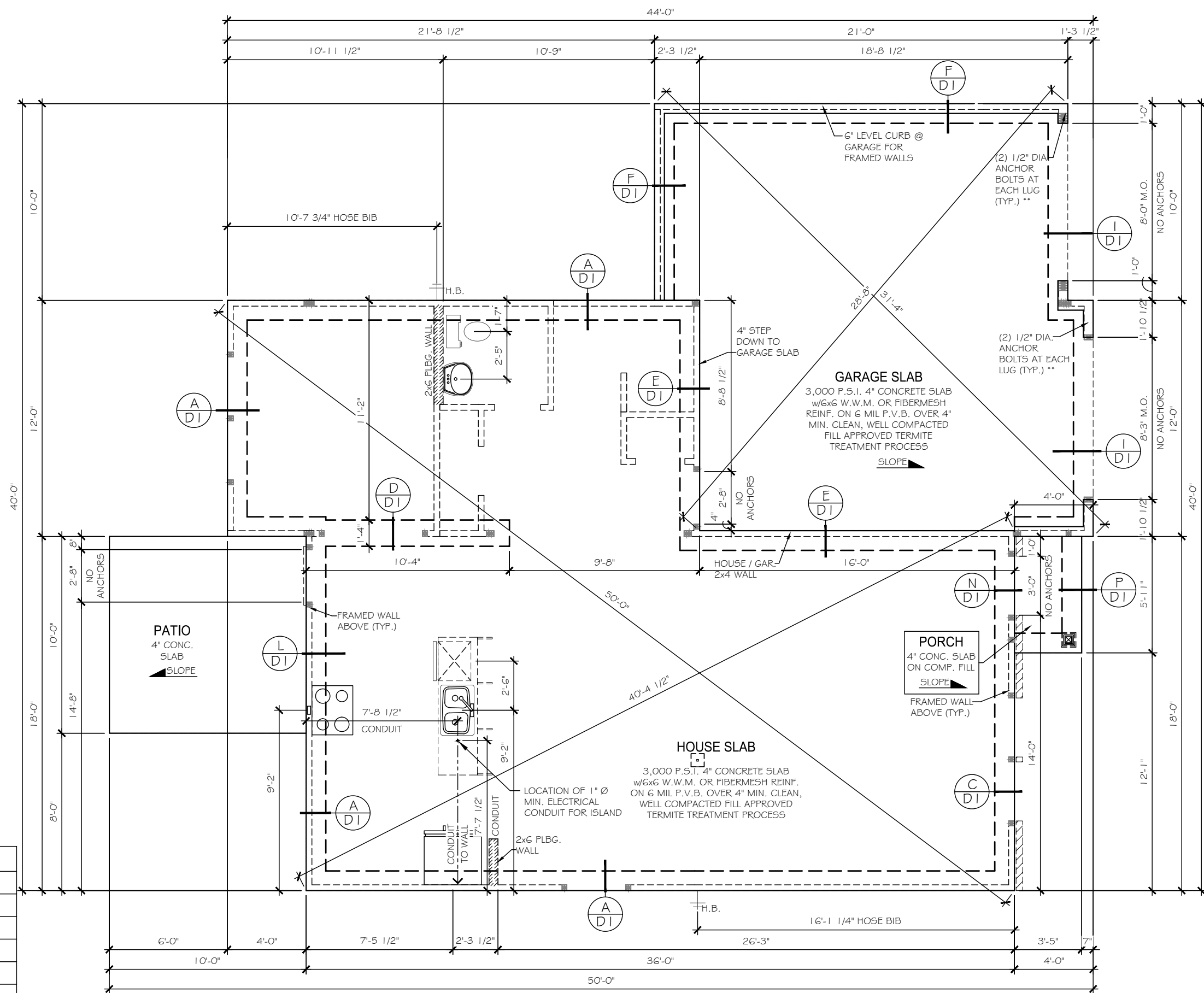




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SHEET:  
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**2002 - MONO SLAB FOUNDATION PLAN**

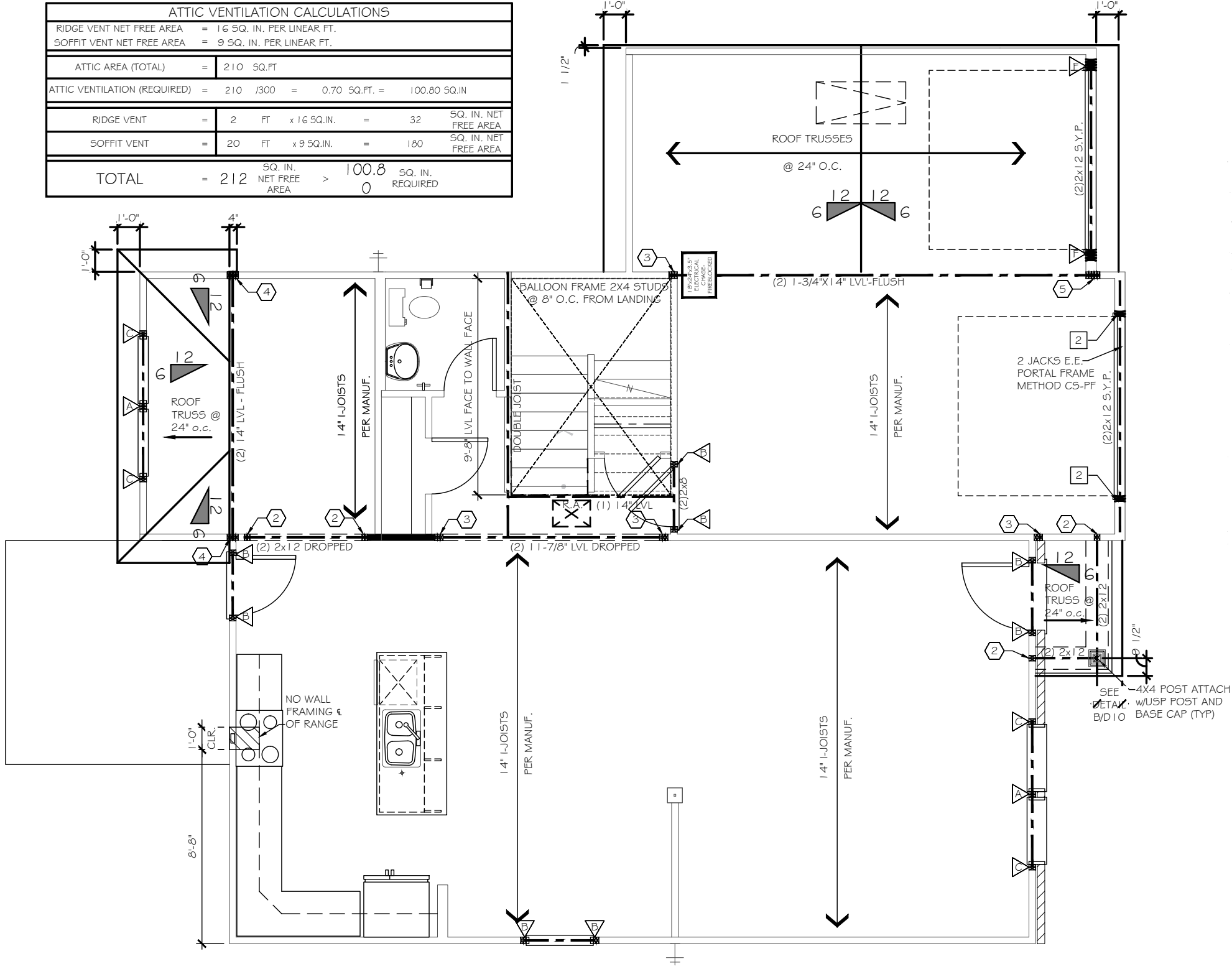
PAD FOOTING SIZES	
KEYNOTE	SIZE
(A)	18"x18"x8" w/3-#4's E.W.
(B)	24"x24"x12" w/4-#4's E.W.
(C)	30"x30"x12" w/4-#4's E.W.
(D)	36"x36"x12" w/4-#4's E.W.
(E)	48"x48"x12" w/6-#4's E.W.
(F)	36"x60"x12" w/#4's @ 6" O.C. E.W.

LENGTH x WIDTH x DEPTH [ REBAR REQ'D ]  
 DEPTH TO INCLUDE SLAB THICKNESS

**\*\*SEE COVER PAGE FOR\*\*  
ROUGH OPENING DIMENSIONS**

KING / JACK STUD SCHEDULE		POST SCHEDULE	
		2x4 STUDS	2x6 STUDS
△	(2) JACKS		
△	(1) JACK & (1) KING	EX: (2) 2x4	EX: (2) 2x6
△	(1) JACK & (2) KINGS	NUMBER INSIDE CALLOUT INDICATES TOTAL NUMBER OF STUDS.	
△	(1) JACK & (3) KINGS		
△	(2) JACKS & (1) KING	4x4 POST	6x6 POST
△	(2) JACKS & (2) KINGS		
△	(2) JACKS & (3) KINGS		
△	(3) JACKS & (3) KINGS	LETTER 'P' INSIDE CALLOUT INDICATES A SOLID 4x4 or 6x6 POST	
△	(4) JACKS & (4) KINGS		

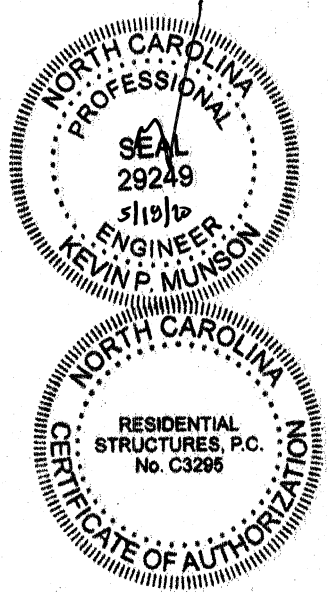
ATTIC VENTILATION CALCULATIONS			
RIDGE VENT NET FREE AREA	=	16 SQ. IN. PER LINEAR FT.	
SOFFIT VENT NET FREE AREA	=	9 SQ. IN. PER LINEAR FT.	
ATTIC AREA (TOTAL)	=	210 SQ.FT.	
ATTIC VENTILATION (REQUIRED)	=	210 / 300 = 0.70 SQ.FT. =	100.80 SQ.IN.
RIDGE VENT	=	2 FT x 16 SQ.IN. =	32 SQ. IN. NET FREE AREA
SOFFIT VENT	=	20 FT x 9 SQ.IN. =	180 SQ. IN. NET FREE AREA
<b>TOTAL</b>	=	212 SQ. IN. NET FREE AREA	> 100.8 SQ. IN. REQUIRED



CODE REFERENCE PER STATE	
NORTH CAROLINA	:2018 NCRC (TABLE R602.10.1)
SOUTH CAROLINA	:2018 IRC (TABLE R602.10.4)
STRUCTURAL LEGEND	
	BEARING WALL
	METHOD GB OF LOCAL CODE
	BEARING WALL W/ METHOD GB OF LOCAL CODE
	CENTER OF BEAM / JOIST / GIRDER TRUSS
	B/WL
	METHOD C5-WSP (UNO)
	INTERIOR SHEAR WALL PER HIGH WIND NOTE 1.C
	USP LSTA24 HOLDDOWN OR EQ.
	USP STAD14 HOLDDOWN OR EQ.
	USP DTB-TZ HOLDDOWN OR EQ.
	USP PHD8 HOLDDOWN OR EQ.
	USP RS-150 COIL STRAP HOLDDOWN (36" LONG - 12" MIN. END LAP)
ALTERNATE SILL PLATE ANCHORAGE I/O STRAPS	
1/2" ANCHOR BOLTS @ 6'-0" O.C. w/ 7" EMBEDMENT INTO MASONRY or EQUIVALENT MECHANICAL FASTNER - MAX 12" FROM WALL CORNERS	

2002 - FLOOR FRAMING PLAN

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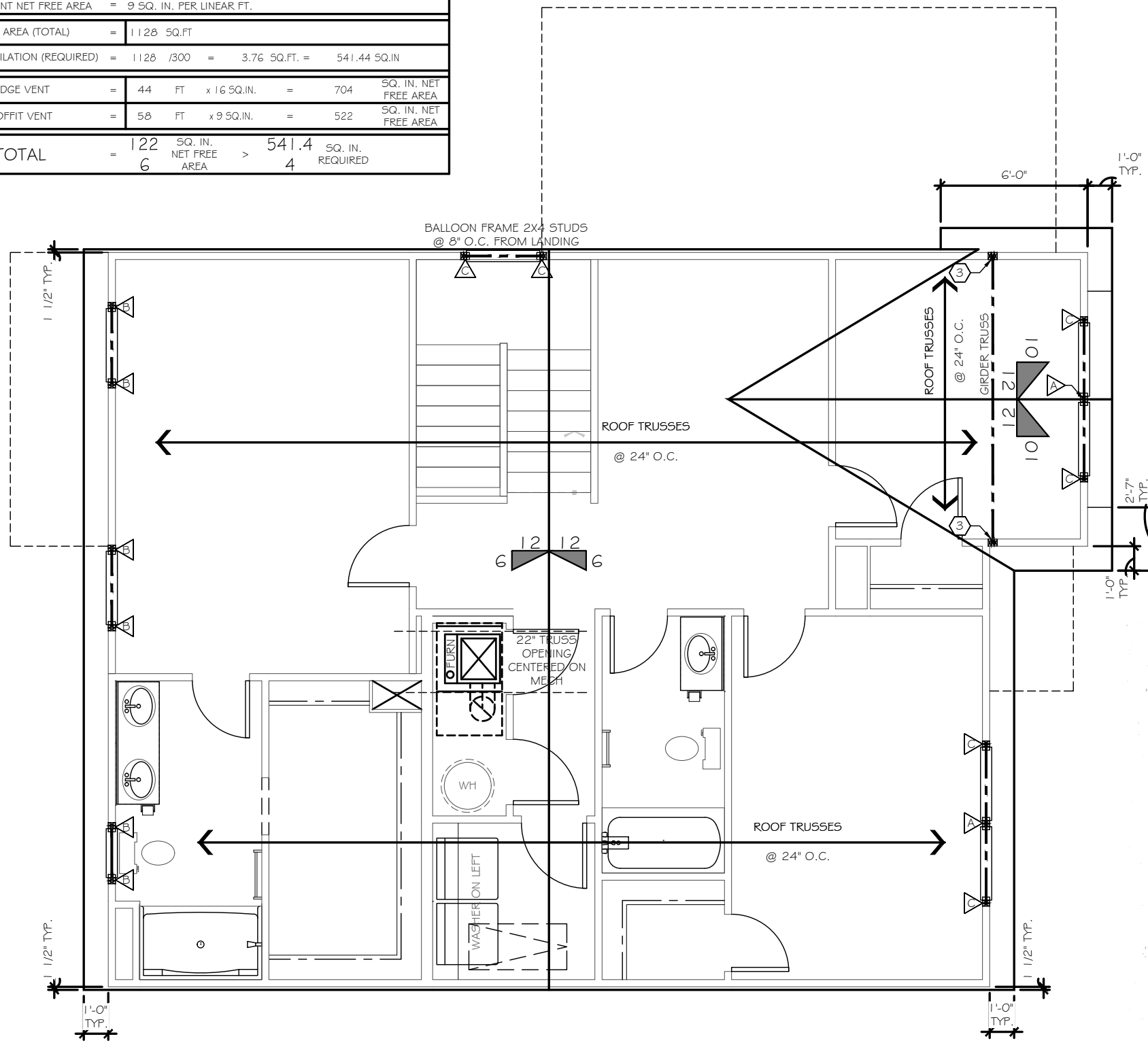
REVIEWED BY:  
**CHUCK**

SHEET:  
**S2.1**

\*\*SEE COVER PAGE FOR\*\*  
ROUGH OPENING DIMENSIONS

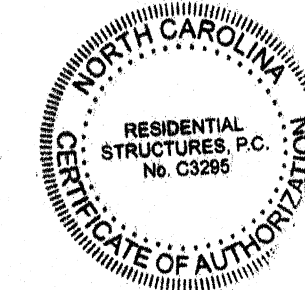
KING / JACK STUD SCHEDULE		POST SCHEDULE	
		2x4 STUDS	2x6 STUDS
△	(2) JACKS		
△	(1) JACK & (1) KING	EX: (2) 2x4	EX: (2) 2x6
△	(1) JACK & (2) KINGS	NUMBER INSIDE CALLOUT INDICATES TOTAL NUMBER OF STUDS.	
△	(1) JACK & (3) KINGS	4x4 POST	6x6 POST
△	(2) JACKS & (1) KING		
△	(2) JACKS & (2) KINGS		
△	(2) JACKS & (3) KINGS	LETTER 'P' INSIDE CALLOUT INDICATES A SOLID 4x4 or 6x6 POST	
△	(3) JACKS & (3) KINGS		
△	(4) JACKS & (4) KINGS		

ATTIC VENTILATION CALCULATIONS			
RIDGE VENT NET FREE AREA	=	16 SQ. IN. PER LINEAR FT.	
SOFFIT VENT NET FREE AREA	=	9 SQ. IN. PER LINEAR FT.	
ATTIC AREA (TOTAL)	=	1128 SQ.FT.	
ATTIC VENTILATION (REQUIRED)	=	1128 / 300 = 3.76 SQ.FT. = 541.44 SQ.IN.	
RIDGE VENT	=	44 FT x 16 SQ.IN. = 704 SQ. IN. NET FREE AREA	
SOFFIT VENT	=	58 FT x 9 SQ.IN. = 522 SQ. IN. NET FREE AREA	
<b>TOTAL</b>	=	122 SQ. IN. NET FREE AREA > 541.4 SQ. IN. REQUIRED	



CODE REFERENCE PER STATE	
NORTH CAROLINA : 2018 NCR	(TABLE R602.10.1)
SOUTH CAROLINA : 2018 IRC	(TABLE R602.10.4)
STRUCTURAL LEGEND	
	BEARING WALL
	METHOD GB OF LOCAL CODE
	BEARING WALL W/ METHOD GB OF LOCAL CODE
	CENTER OF BEAM / JOIST / GIRDER TRUSSES
	BWL
	METHOD C5-WSP (UNO)
	INTERIOR SHEAR WALL PER HIGH WIND NOTE 1.C
	USP LSTA24 HOLDDOWN OR EQ.
	USP STAD14 HOLDDOWN OR EQ.
	USP DTB-TZ HOLDDOWN OR EQ.
	USP PHD8 HOLDDOWN OR EQ.
	USP R5-150 COIL STRAP HOLDDOWN (36\"/>

2002 - ROOF FRAMING PLAN



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SCALE:  
3/16"=1'-0"  
REVIEWED BY:  
CHUCK

SHEET:  
S3.1

RESIDENTIAL FOUNDATIONS:

- 1) ALL CONTINUOUS WALL FOOTINGS ARE 8" X 12" FOR ONE-STORY AND 8"X 16" 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.

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' DEEP IS SUITABLE FOR A CAISSON FOUNDATION. A CAISSON CANNOT BE USED IF WATER RISES IMMEDIATELY INTO A DRILLED HOLE. PILES WILL HAVE TO BE USED IN SUCH CASES.

FRAMING CONSTRUCTION - OTHER THAN ROOF:

- 1) SEE TABLE R202.3(1) OF THE CODE FOR A FASTENER SCHEDULE FOR STRUCTURAL MEMBERS.
- 2) WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE ALLOWABLE LOAD CAPACITY OF THE HANGER SHALL BE EQUAL TO OR GREATER THAN THE LOAD SPECIFIED ON THE PLAN. WHERE NO LOAD IS SPECIFIED, THE "LIGHTEST" AVAILABLE HANGER FOR THE APPLICATION IS ACCEPTABLE.

- 4) ALL OTHER LUMBER MAY BE SPRUCE #2 UNLESS NOTED OTHERWISE.
- 5) "LAM" BEAMS MUST HAVE 3-2x4 STUD JACKS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE.
- 6) MASONRY UNBELTS:
  - A) FOR SPANS UP TO 6': USE 3 1/2" X 3 1/2" X 1/4" STEEL ANGLES.

MATERIALS SPECIFICATIONS:

- 1) EXCEPT WHERE OTHERWISE NOTED, FOR ALL CONCRETE, THE PROPORTIONS OF CEMENT, AGGREGATE, AND WATER TO ATTAIN REQUIRED PLASTICITY AND COMPRESSIVE STRENGTH SHALL BE IN ACCORDANCE WITH ACI 318 CODE. CONCRETE SHALL BE 2,500 PSI IN 28 DAYS FOR FOOTINGS AND 2,500 PSI FOR WALLS, BEAMS, AND COLUMNS, UNLESS NOTED OTHERWISE.
- 2) BEFORE PLACING CONCRETE, ALL DEBRIS, WATER AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE PLACES TO BE OCCUPIED BY THE CONCRETE. THE PLACING OF THE CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318 AND ASTM C94 REQUIREMENTS.
- 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 CENTER EACH WAY. JOINTS SHALL BE SAWN A DEPTH OF ONE-THIRD OF THE SLAB THICKNESS. SAWING OF THE JOINTS SHALL COMMENCE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT SAWING WITHOUT EXCESSIVE RAVELING. FILL THE SAW CUTS WITH APPROVED JOINT FILLER AFTER THE CONCRETE HAS CURED.

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 BEARING UNITS: ASTM C90 MADE WITH LIGHTWEIGHT OR NORMAL WEIGHT AGGREGATES. GRADE N-I UNITS SHALL BE PROVIDED FOR EXTERIOR AND FOUNDATION WALLS. GRADE N-O OR S-I UNITS SHALL BE PROVIDED FOR OTHER LOAD-BEARING WALLS OR PARTITIONS.
- 3) CONCRETE BUILDING BRICK: ASTM C55 MADE WITH LIGHTWEIGHT OR NORMAL AGGREGATES, GRADE N-I OR S-I EXCEPT THAT BRICK EXPOSED TO WEATHER SHALL BE N-I.

- 10) WHERE PARTITIONS FALL BETWEEN FLOOR JOISTS OR 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.
- 11) ALL WOOD I-JOISTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS PLUS DETAILS SHOWN ON PLANS. LOAD-BEARING PARTITIONS, 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 POINT LOADS. ALL POINT LOADS MUST BE CARRIED TO FOUNDATIONS WITH ADEQUATE BLOCKING AND/OR BEAMS.

- 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 6 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:
  - A) INTERIOR WALLS
  - i) LOAD BEARING: 2 X 4 @ 12" O/C
  - ii) NON LOAD BEARING: 2 X 4 @ 12" O/C

- 17) 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 FEET ON CENTER ACROSS THE TOP OF THE CEILING JOISTS. 2 X 4 RAFTER TIES SHALL BE FASTENED TO THE SIDE OF THE RAFTER AND THE STRONGBACK.
- 18) AT ALL EXTERIOR DIAGONAL WALL PANELS, EACH PANEL SHALL BE NAILED TO EACH ADJACENT PANEL WITH 5-16D NAILS OR TIED TOGETHER WITH METAL STRIPPING NAILED AT FOUR LOCATIONS BETWEEN FLOORS WITH A MINIMUM OF 2-16D NAILS INTO EACH PANEL AT EACH STRAP. THIS WILL AVOID VERTICAL CRACKING IN PANEL JOINTS DUE TO HORIZONTAL OSCILLATING PANELS.
- 24) ITEM UNCHANGED, BUT MOVED FROM UNDER #14 ON OLD PAGE 2: NOTE-ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS - WHETHER WOOD OR STEEL - CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION.

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, FASTENED AT 6" O.C. ALONG THE EDGES AND 12" O.C. ALONG THE INTERIOR TO MEET OR EXCEED THE INTENT OF THE 2015 INTERNATIONAL RESIDENTIAL BUILDING CODE. WHERE WALL UNITS 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 PLAN SET.

ROOF CONSTRUCTION:

- 1) ALL ROOF TRUSSES MUST BE BUILT IN ACCORDANCE WITH TRUSS MANUFACTURERS' REQUIREMENTS. TIE-DOWN CONNECTIONS TO RESIST UPLIFT SHALL BE INSTALLED WHERE REQUIRED. WHEN ROOF TRUSS MANUFACTURERS DO NOT PROVIDE THE REQUIRED CONNECTORS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ROOF TRUSS ENGINEER OR THE ENGINEER OF RECORD TO PROVIDE AN ADEQUATE CONNECTOR.
- 2) IN ADDITION TO THE CODE'S FASTENER SCHEDULE, UNLESS NOTED OTHERWISE ON THE PLAN, ROOF MEMBERS SHALL BE TIED DOWN WITH ADDITIONAL METAL CONNECTORS AS FOLLOWS:
  - A) STICK-FRAMED RAFTER MEMBERS EXCEEDING 10' IN LENGTH, AS MEASURED FROM THEIR HORIZONTAL PROJECTION, AND ALL ROOFS OVER UNENCLOSED AREAS SUCH AS PORCHES USE SIMPSON H2.5 CONNECTORS EVERY 4' OR AT EVERY THIRD RAFTER TO FASTEN THE LOWER END OF THE RAFTER TO THE TOP PLATE.

LUMBER GENERAL NOTES:

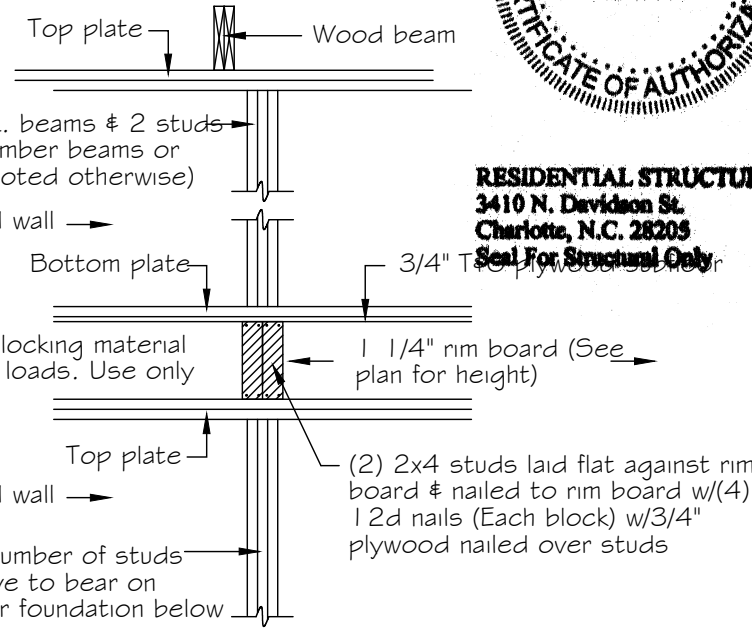
- 1) ALL COMMON FRAMING LUMBER IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS AT 19% MOISTURE CONTENT:

MATERIAL	FB (PSI)	FT (PSI)	FC (PSI)(PERP.)	E (PSI)
# 2 SPRUCE PINE FUR	875	450	425	1,400,000
SOUTHERN YELLOW PINE	1,150	600	480	1,600,000
- 2) ALL STRUCTURAL COMPOSITE LUMBER (LVL, LSL, PSL) IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS:

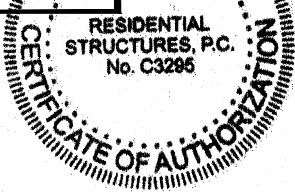
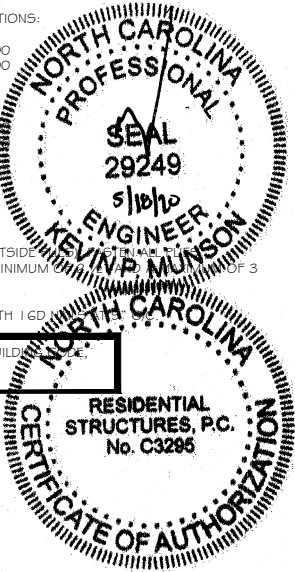
APPLICATION	FB (PSI)	FC (PSI)(PARALLEL)	FC (PSI)(PERP.)	E (PSI)
GIRDERS # BEAMS (LVL,PSL)	2,600	2,310	650	1,900,000
COLUMNS (LSL) # RIMBOARDS	1,700	1,400	400	1,300,000
- 3) ALL GLUE LAMINATED TIMBER (GLU-LAM) IS TO MEET THE FOLLOWING MINIMUM SPECIFICATIONS:

APPLICATION	FB (PSI)	FC (PSI)(PARALLEL)	FC (PSI)(PERP.)	E (PSI)
GIRDERS # BEAMS	2,400	1,700	740	1,700,000
COLUMNS	1,600	1,550	560	1,500,000
- 5) WHERE THREE OR FOUR-PLY "LAM" BEAMS ARE SIDE-LOADED (JOISTS FRAME INTO THE SIDE AT THE OUTSIDE FACE OF THE BEAM) TOGETHER WITH TWO ROWS OF 1/2" DIAMETER BOLTS AT 16" O/C. THE BOLTS SHALL BE LOCATED A MINIMUM OF 12" FROM 3 1/2" FROM THE TOP OR BOTTOM OF THE BEAM.
- 6) BUILT-UP WOOD COLUMNS CONSISTING OF MULTIPLE STUDS SHALL HAVE EACH LAMINATION NAILED WITH 16D NAILS TO THE JOIST OR STUD WITH WHICH THEY ARE BEING JOINED.

PLANS PERMITTED IN NORTH CAROLINA ARE DESIGNED TO MEET THE 2015 NORTH CAROLINA RESIDENTIAL BUILDING CODE AS ISSUED BY THE STATE OF NORTH CAROLINA



Number of studs / blocking transfer load detail at engineered floor system



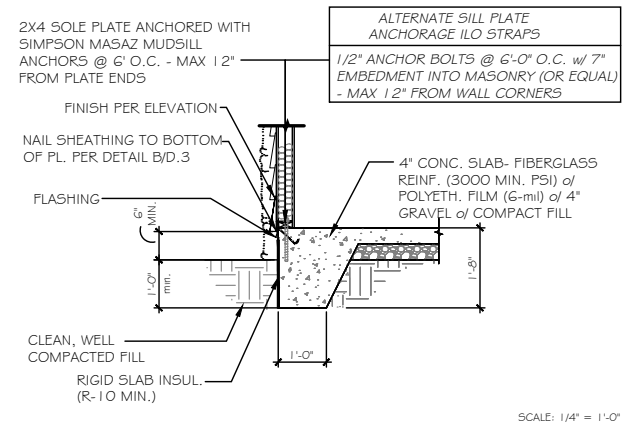
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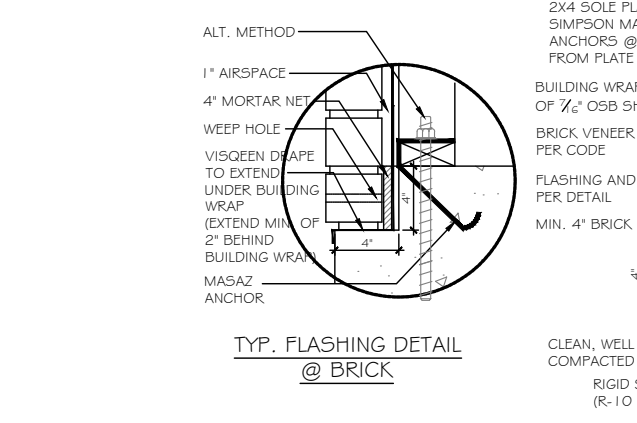
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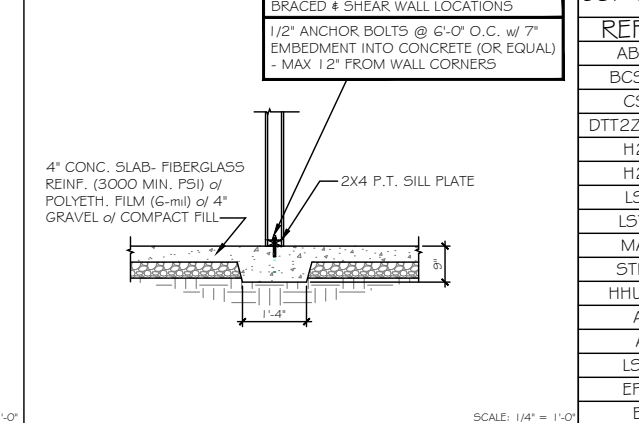
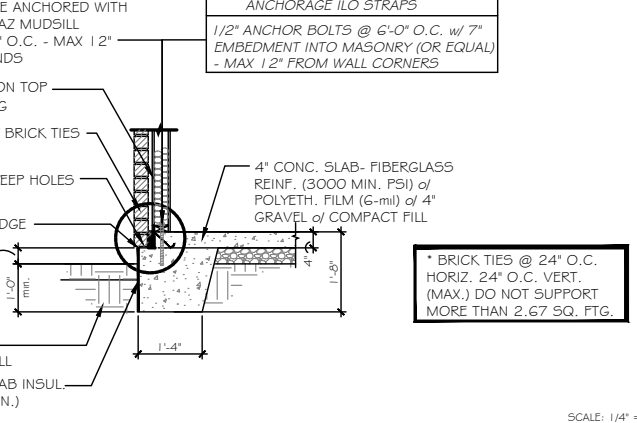
PREPARED BY: PETER  
DATE: 5-15-20  
SCALE: NOT TO SCALE  
REVIEWED BY: CHUCK  
SHEET: GN



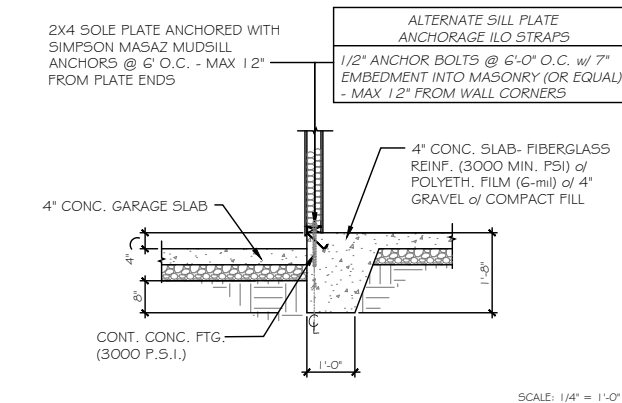
A TYP. SLAB HOUSE TO GRADE



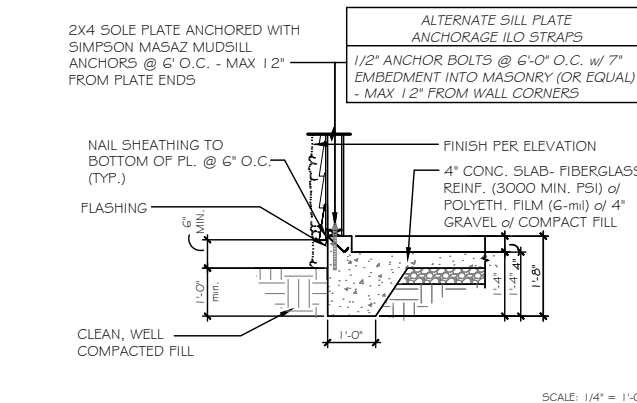
B TYP. SLAB HOUSE TO GRADE w/ BRICK



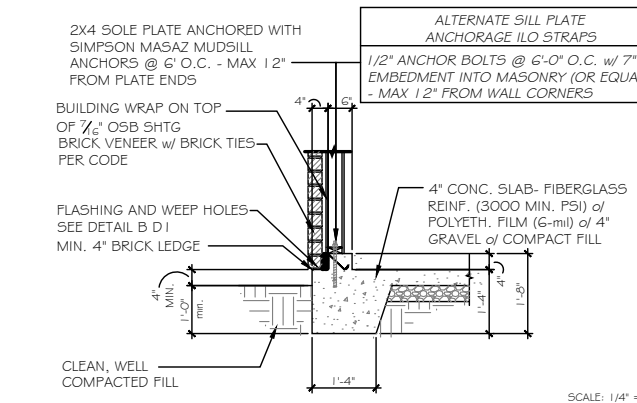
D TYP. THICKENED SLAB DETAIL



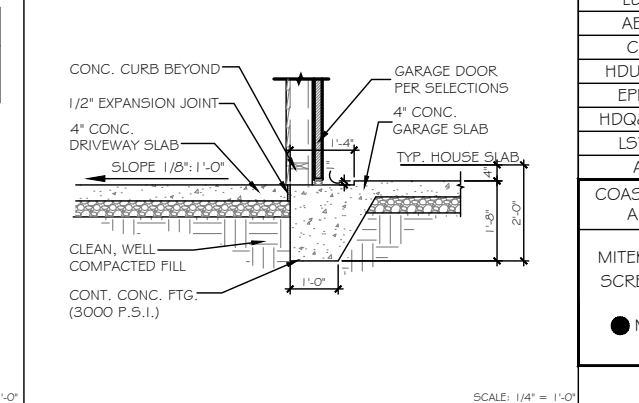
E TYP. SLAB - HOUSE TO GARAGE



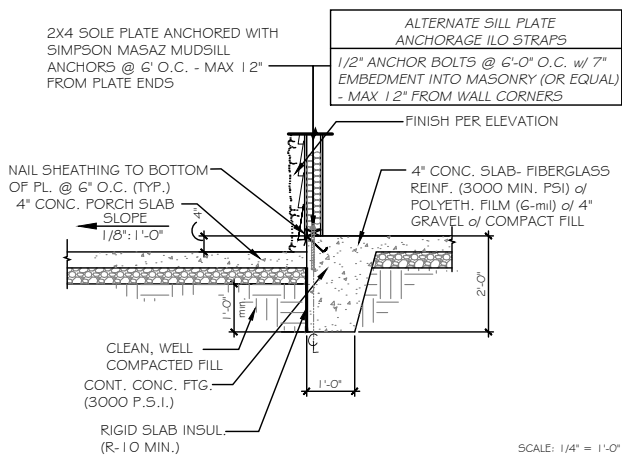
F TYP. SLAB - GARAGE TO GRADE



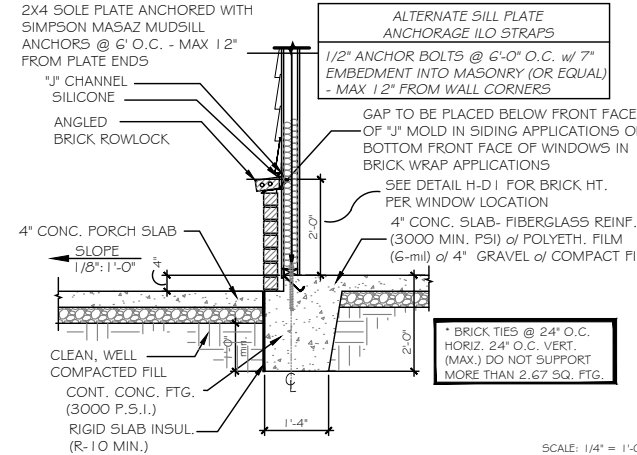
G TYP. SLAB - GARAGE TO GRADE w/ BRICK



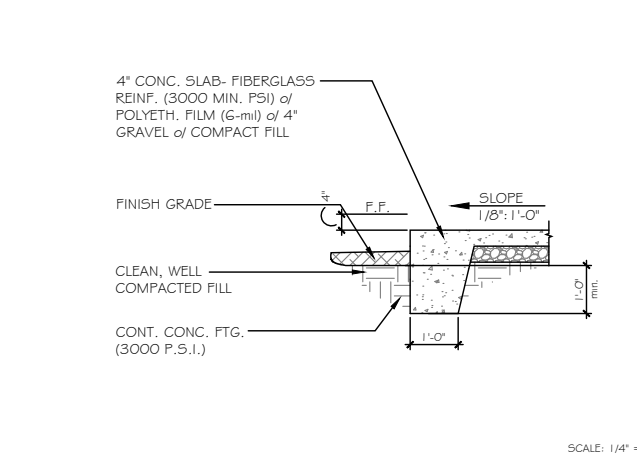
I TYP. GARAGE TO DRIVE



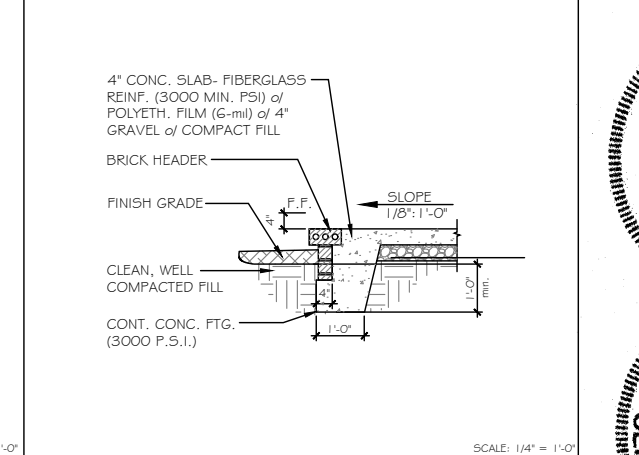
L TYP. SLAB - HOUSE TO PORCH



N TYP. SLAB - WAINSCOTING BRICK DETAIL @ PORCH



P TYP. PORCH END DETAIL



Q PORCH END DETAIL w/ BRICK

**MONOSLAB  
RALEIGH/TRIAD**

**NOTES:**  
CORROSION RESISTANT CORRUGATED METAL TIES - 22 GAUGE, 7/8\"/>

WEEP HOLES TO BE PLACED AT EVERY OTHER HEAD JOINT ON THE BOTTOM COURSE OF BRICK.

VISQUEEN DRAPE TO EXTEND UNDER BUILDING WRAP (EXTEND MIN. OF 2\"/>

PROVIDE WEEP HOLES PER CODES

BRICK TIES @ 24\"/>

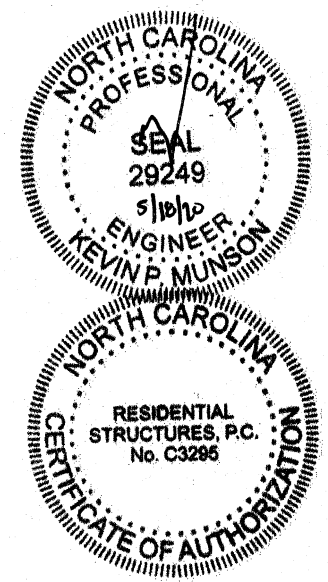
BRICK # CMU TO BE INTEGRALLY BONDED PER CODE

USP CONVERSION CHART	
REF. NO.	USP
ABA44Z	PA44E-TZ
BC52-2/4	BC4010-TZ
CS-1G	RS150
DTT2Z-5D52.5	DTB-TZ
H2.5A	RT7
H2.5A	RT7A
LS-30	MP3
LSTA24	LSTA24
MASAZ	FA3-TZ
STHD14	STAD14
HHUS410	THD410
A24	TDL5
A21	JA1
LSU26	L5SH15-TZ
EPB44	EPB4408
BC6	C66
BC4	C44
LUS28-2	JUS28-2
LUS26	JUS26
ABA66	PA66E-TZ
C522	RS-22R
HDU4-5D5	PHD4A
EPB66T	EPB6608
HDQ8-5D3Z	PHD8
LSTA36	LSTA36
A34	MP34

COASTAL # CHARLESTON ONLY  
ALTERNATE HOLDDOWN

MITEK PFM1461640 ANCHOR  
SCREWS w/ 3/4"x3"x3" @ 4' O.C.

MITEK HTT45 HOLDDOWN  
OR EQ.



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**NORRIS FARM**

**LOT# 16**

**HUDSON**  
2002

**HARNETT**

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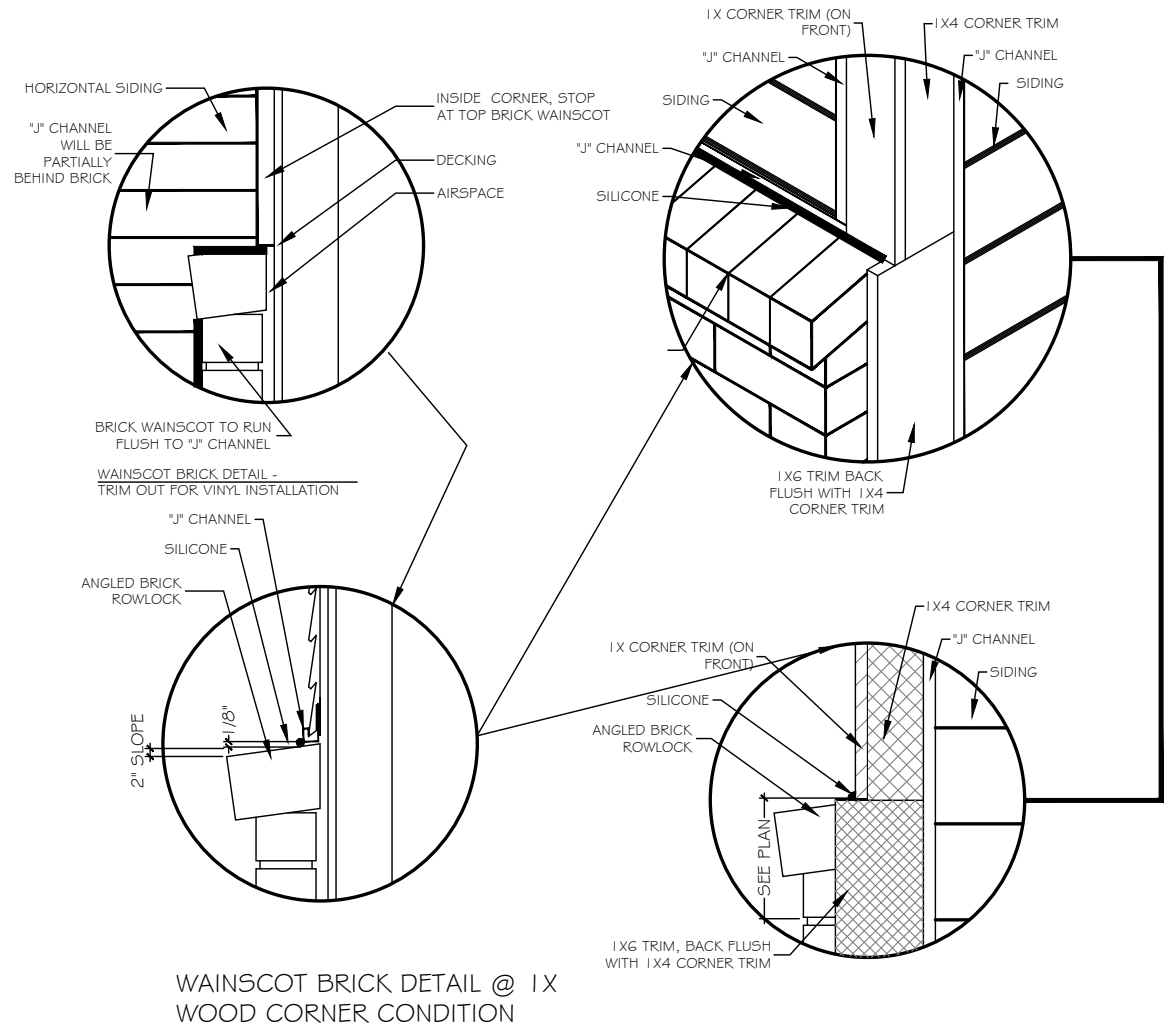
PREPARED BY:  
**PETER**

DATE:  
5-15-20

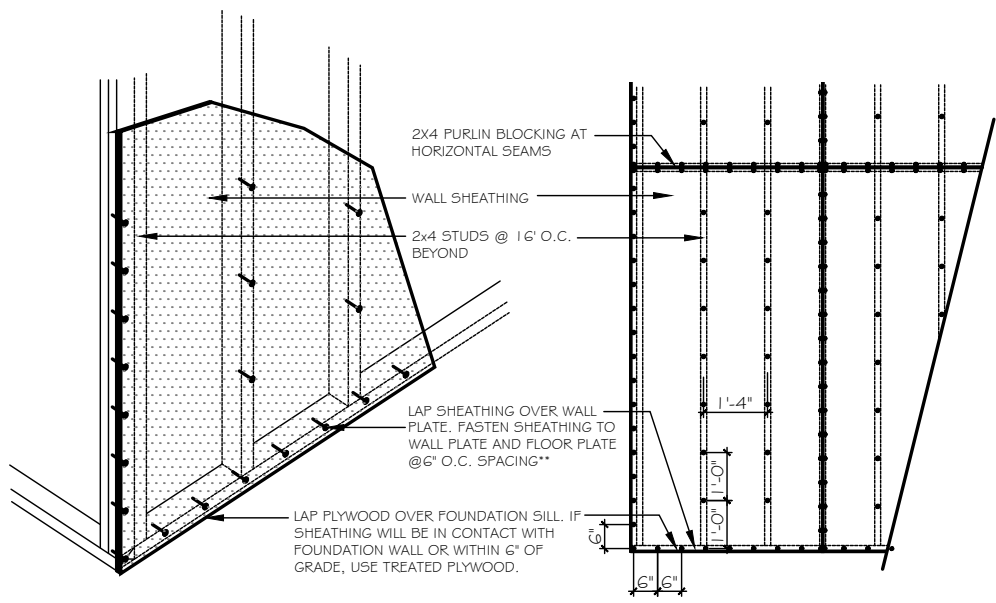
SCALE:  
1/4" = 1'-0"

REVIEWED BY:  
**CHUCK**

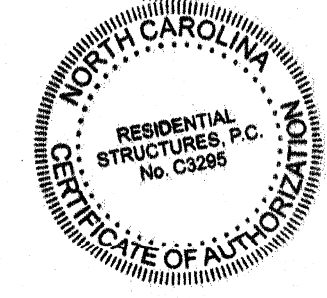
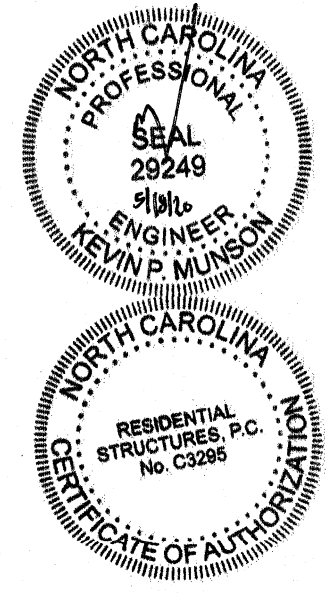
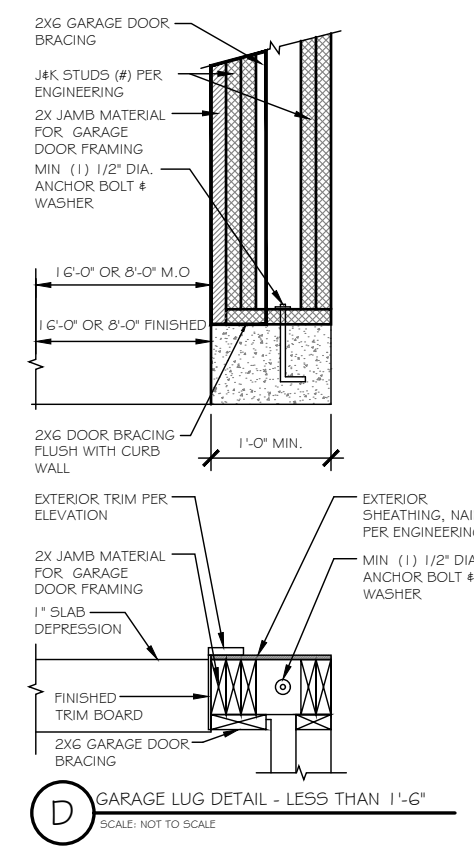
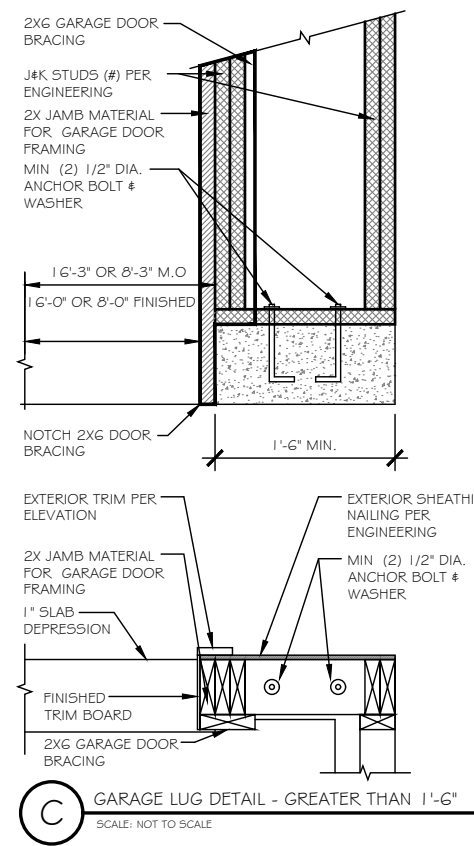
SHEET:  
**D1**



**A** FLASHING @ WAINSCOTING BRICK DETAIL  
SCALE: 1/4" = 1'-0"



**B** TYP. NAILING PATTERN  
SCALE: 1/4" = 1'-0"



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5-15-20

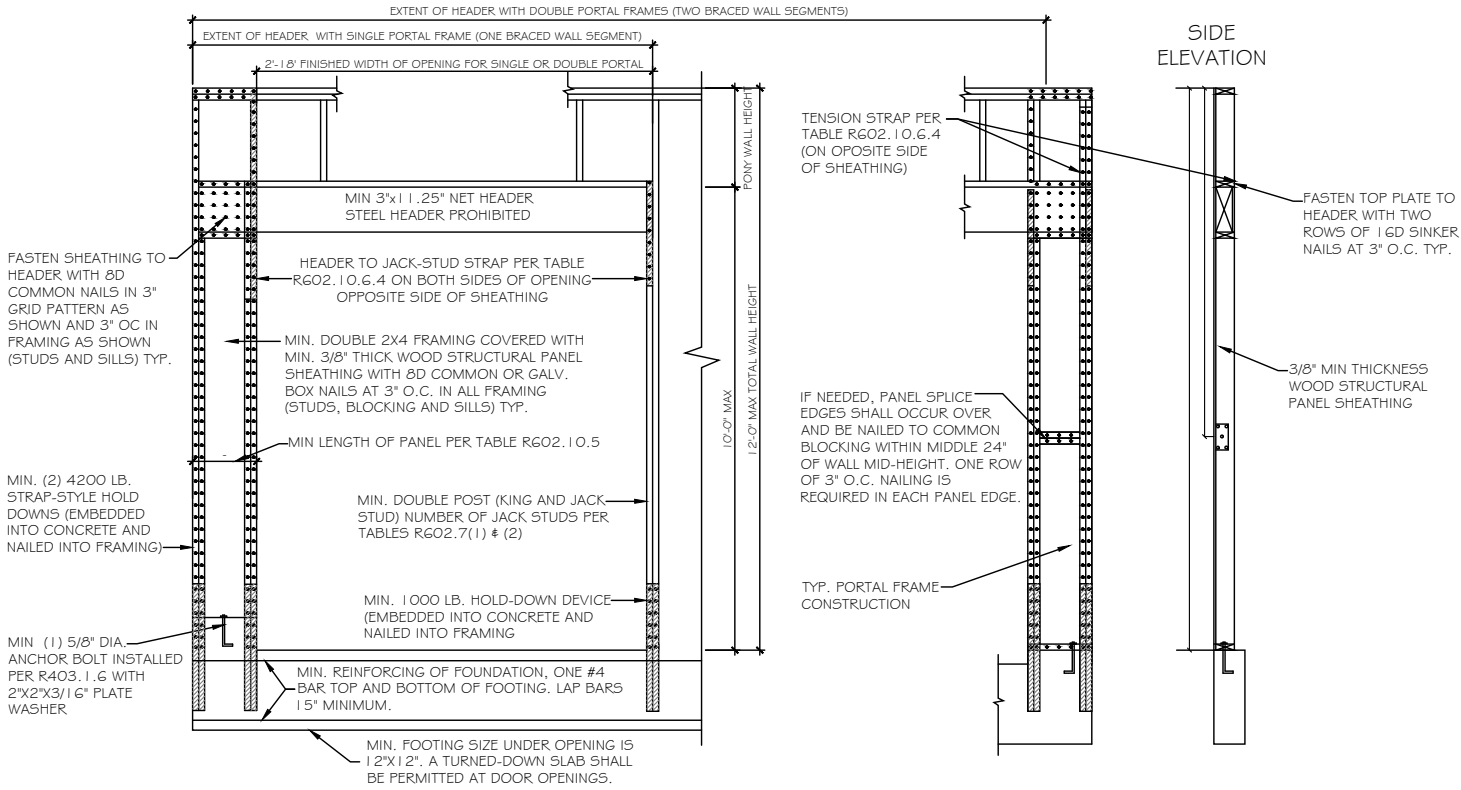
SCALE:  
AS SHOWN

REVIEWED BY:  
**CHUCK**

SHEET:  
**D3**

WALL BRACING HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2018 NCRC AND/OR THE 2018 IRC AS ALLOWED PER SECTION R602.10.

OUTSIDE ELEVATION



A PORTAL FRAME METHOD PFH DETAIL

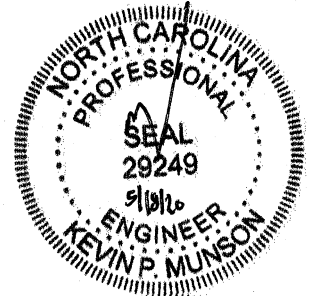
SCALE: 3/8" = 1'-0"

AS A SUBSTITUTE FOR THE USP STAD14 HOLD-DOWN STRAPS LOCATED ON EACH SIDE OF THE GARAGE DOOR OPENING, SIMPSON HDQ8-SD53 (OR USP PHD8) HOLD-DOWNS MAY BE INSTALLED. THE SIMPSON HDQ8-SD53 (USP PHD8) HOLD-DOWNS MAY BE INSTALLED WITH 7/8" THREADED ROD AND SHOULD BE EMBEDDED A MINIMUM OF 8" INTO THE CONCRETE FOOTING OR GROUTED CMU BLOCK WITH HIGH STRENGTH EPOXY. ADDITIONALLY, A 5/8" EXPANSION ANCHOR (6" MIN EMBEDMENT) OR 5/8"x 6" SIMPSON TITEN HD ANCHOR MAY BE INSTALLED AS A REPLACEMENT FOR THE 5/8" "WET SET" ANCHOR BOLT SHOWN IN THE PORTAL FRAMING WITH HOLD-DOWNS DETAIL.

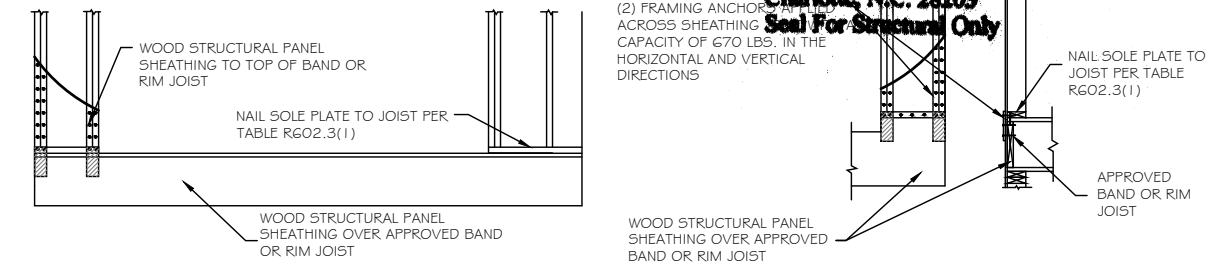
PFH METHOD: PORTAL FRAME WITH HOLD DOWNS GARAGE DOORS AND OPENINGS 6' TO 18'

USP CONVERSION CHART

REF NO.	USP
ABA44Z	PA44E-TZ
BCS2-2/4	BC4010-TZ
C5-1G	R5150
DTT2Z-SD52.5	DTB-TZ
H2.5A	RT7
H2.5A	RT7A
L5-30	MP3
LSTA24	LSTA24
MASAZ	FA3-TZ
STHD14	STAD14
HHU5410	THD410
A24	TDL5
A21	JA1
LSU26	LSSH15-TZ
EPB44	EPB4408
BC6	C66
BC4	C44
LUS28-2	JUS28-2
LUS26	JUS26
ABAGG	PAGGE-TZ
CS22	RS-22R
HDU4-SD5	PHD4A
EPB66T	EPB6608
HDQ8-SD3Z	PHD8
LSTA36	LSTA36G
A34	MP34



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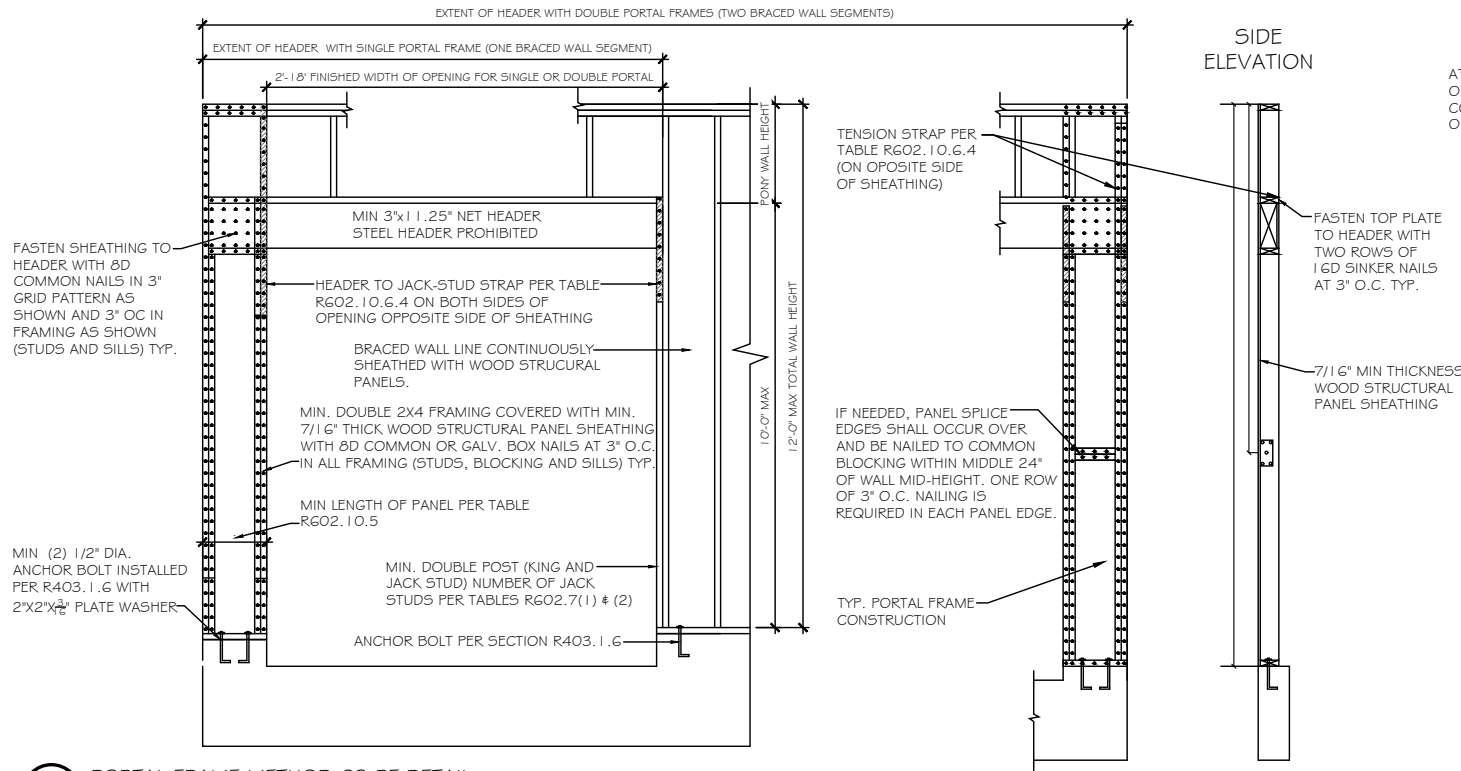


A OVER RAISED WOOD FLOOR - FRAMING ANCHOR OPTION

SCALE: 3/8" = 1'-0"

(WHEN PORTAL SHEATHING DOES NOT LAP OVER BAND OR RIM JOIST)

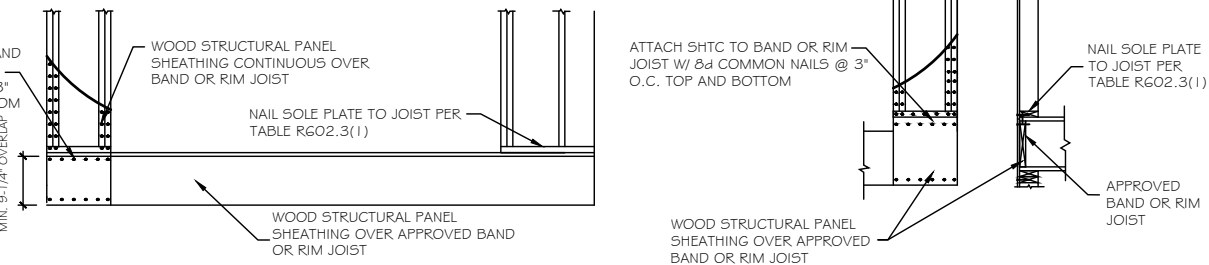
OUTSIDE ELEVATION



A PORTAL FRAME METHOD CS-PF DETAIL

SCALE: 3/8" = 1'-0"

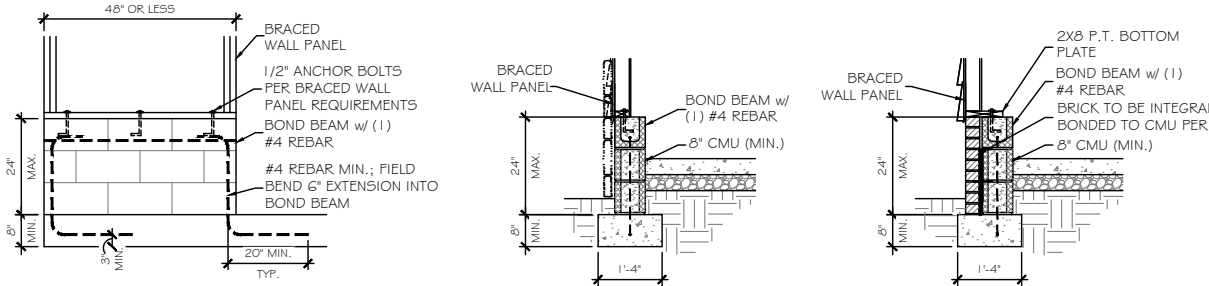
CS-PF METHOD: CONTINUOUSLY SHEATHED PORTAL FRAME-GARAGE DOOR GARAGE DOORS AND OPENINGS 6' AND GREATER



B OVER RAISED WOOD FLOOR - OVERLAP OPTION

SCALE: 3/8" = 1'-0"

(WHEN PORTAL SHEATHING LAPS OVER BAND OR RIM JOIST)



C MASONRY STEM WALL SUPPORTING BRACED WALL PANEL DETAILS

SCALE: 3/8" = 1'-0"

PER 2018 I.R.C. SHORT STEM WALL REINFORCEMENT

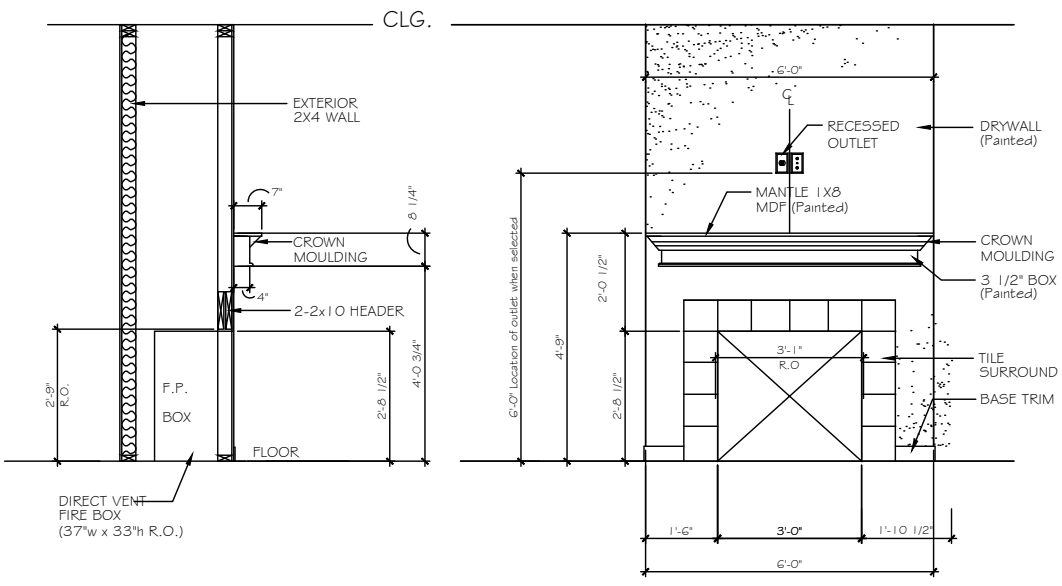
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LOT# 16

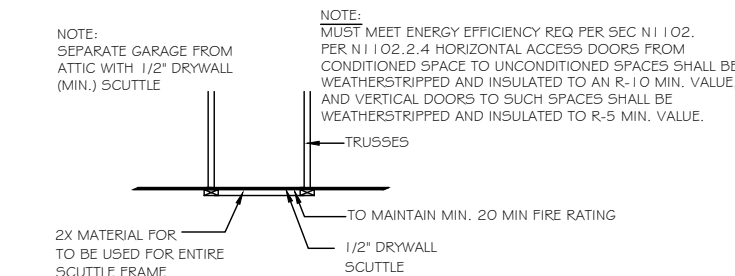
HUDSON  
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PREPARED BY:  
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DATE:  
5-15-20  
SCALE:  
AS SHOWN  
REVIEWED BY:  
CHUCK

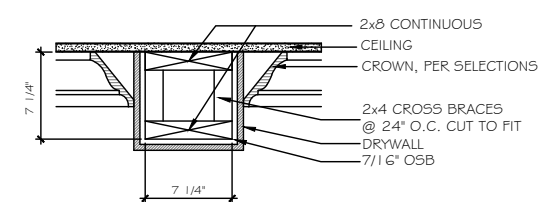
SHEET:  
D4



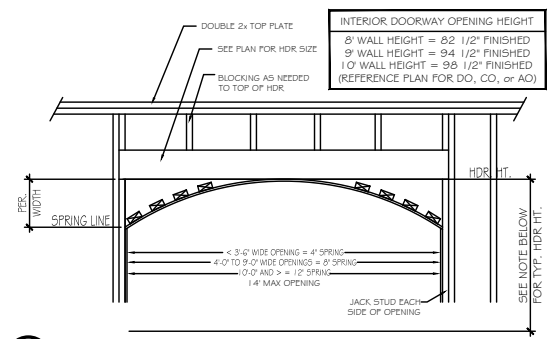
**A** FIREPLACE OPTION 1  
SCALE: 3/8" = 1'-0"



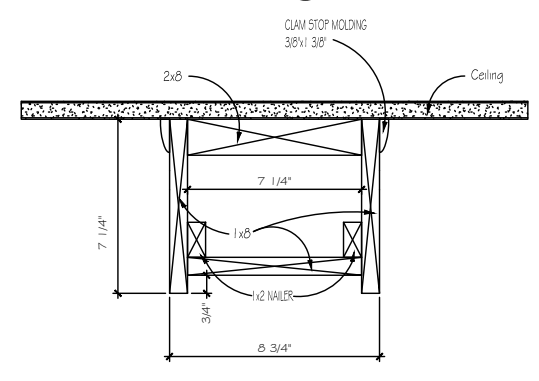
**B** ATTIC ACCESS PANEL DETAIL  
SCALE: N.T.S.



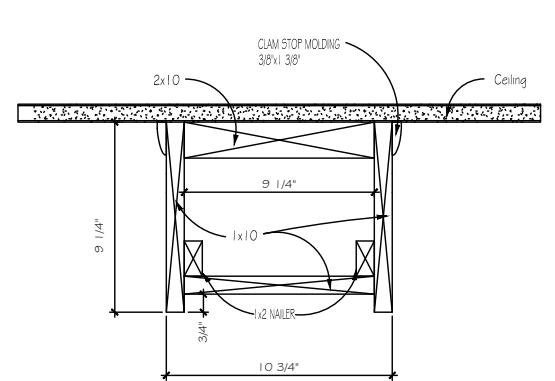
**C** 8" DRYWALL BEAM DETAIL - LIVING/DINING/STUDY  
SCALE: N.T.S.



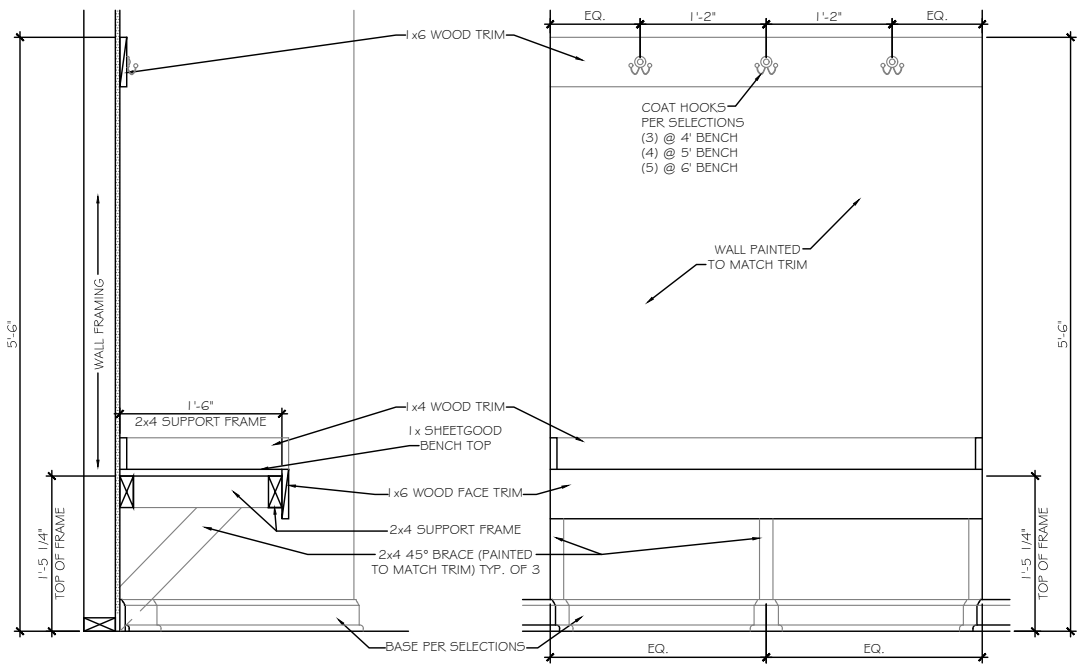
**D** ARCHED OPENING DETAIL  
SCALE: 3/8" = 1'-0"



**E** 9" CEILING  
\*WOOD FAUX BEAMS KITCHEN/NOOK ONLY

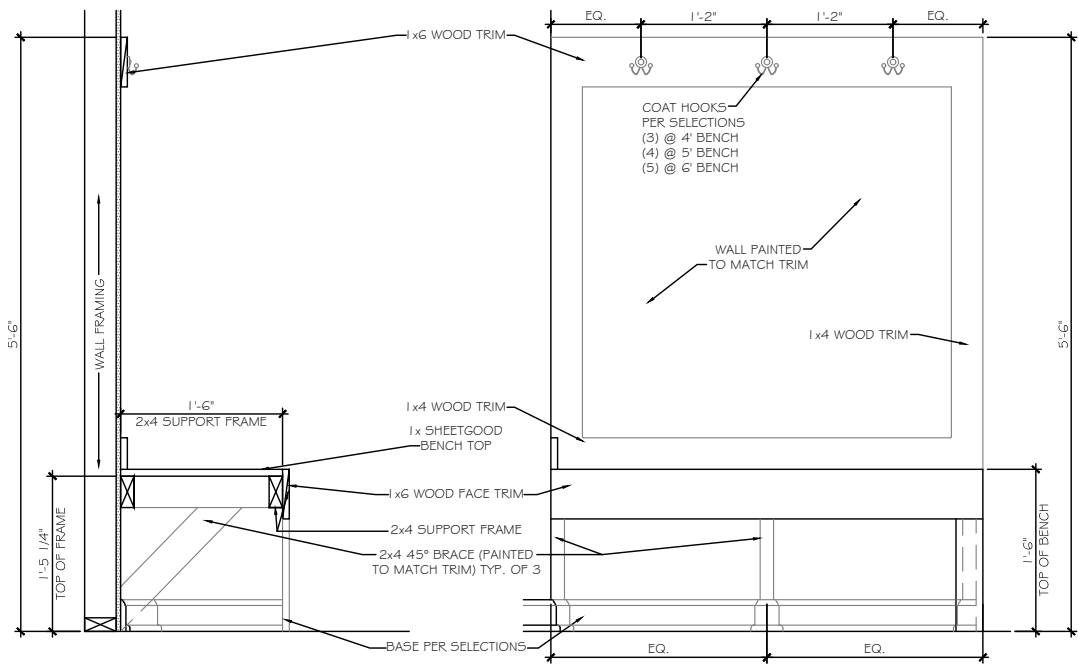
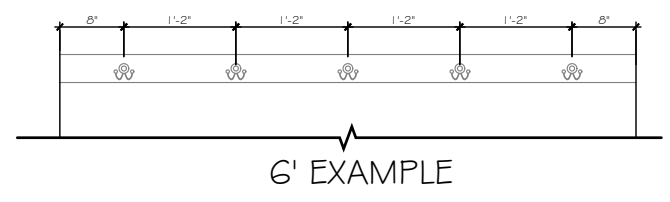
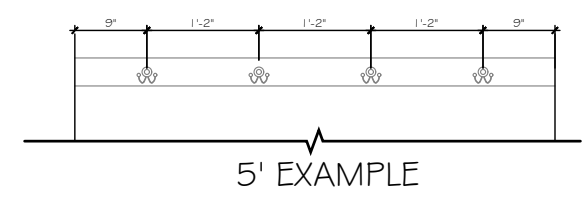


**F** 10" CEILING  
\*WOOD FAUX BEAMS KITCHEN/NOOK ONLY



SECTION AT OPEN BENCH  
SCALE: NOT TO SCALE WALL END CONDITION

ELEVATION AT OPEN BENCH  
SCALE: NOT TO SCALE WALL END CONDITION



SECTION AT OPEN BENCH  
SCALE: NOT TO SCALE OPEN END CONDITION

ELEVATION AT OPEN BENCH  
SCALE: NOT TO SCALE OPEN END CONDITION

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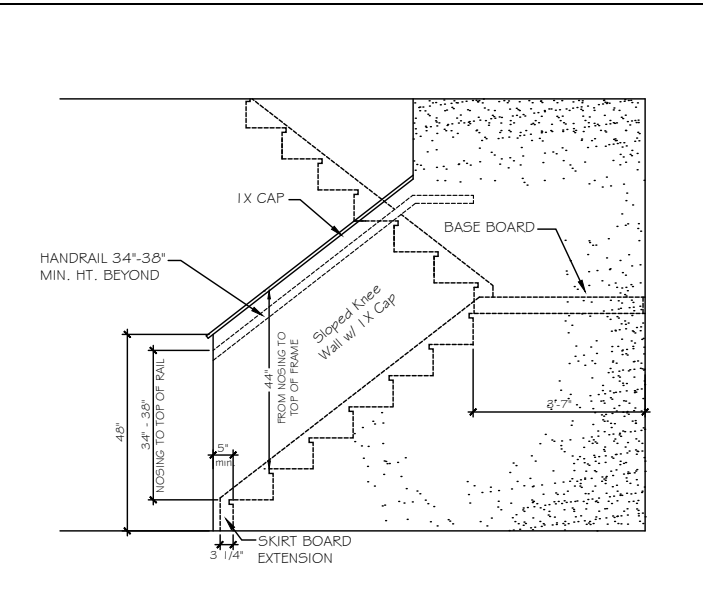
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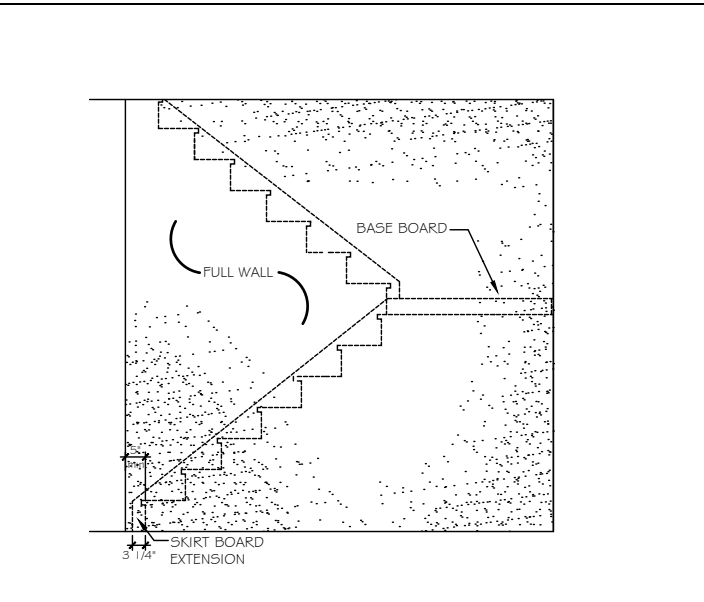
SHEET:  
**D5**



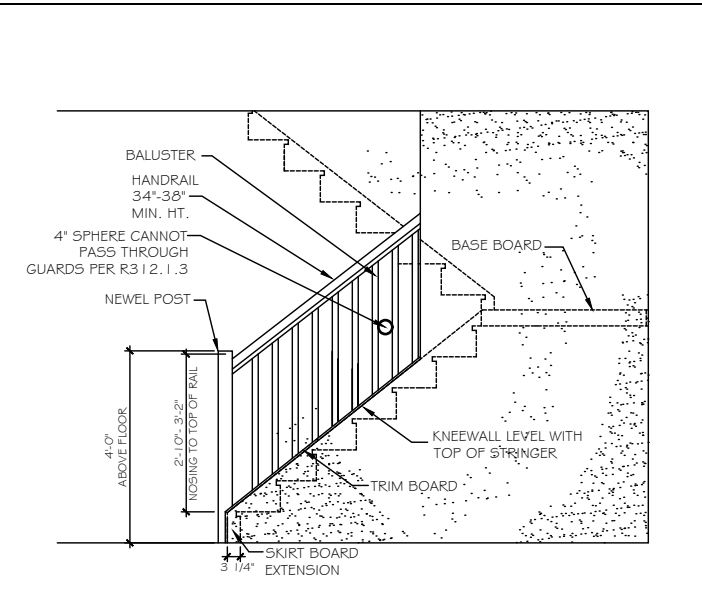
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**CHUCK**



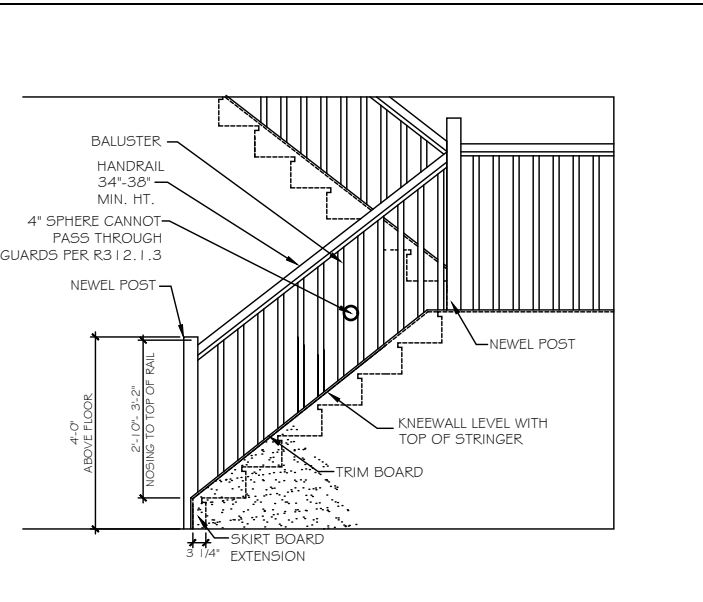
ST-1 48° SLOPED WALL w/ 1x CAP



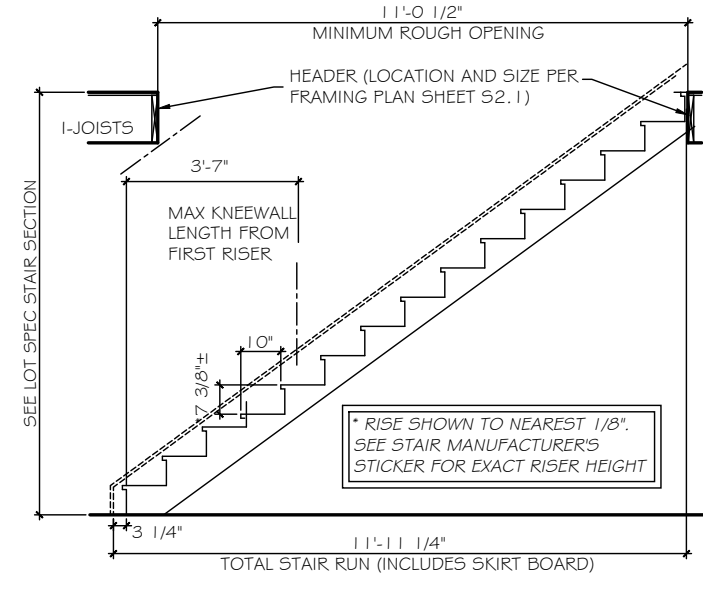
ST-2 FULL WALL



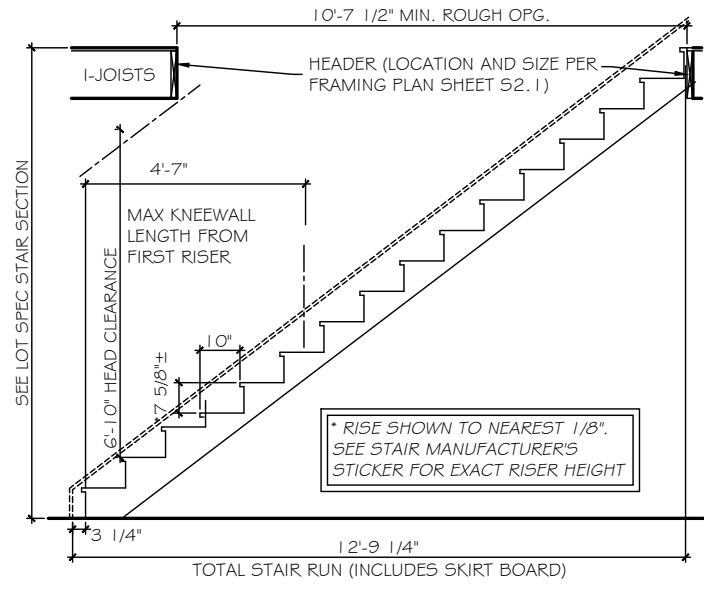
ST-3 OPT. OPEN RAIL



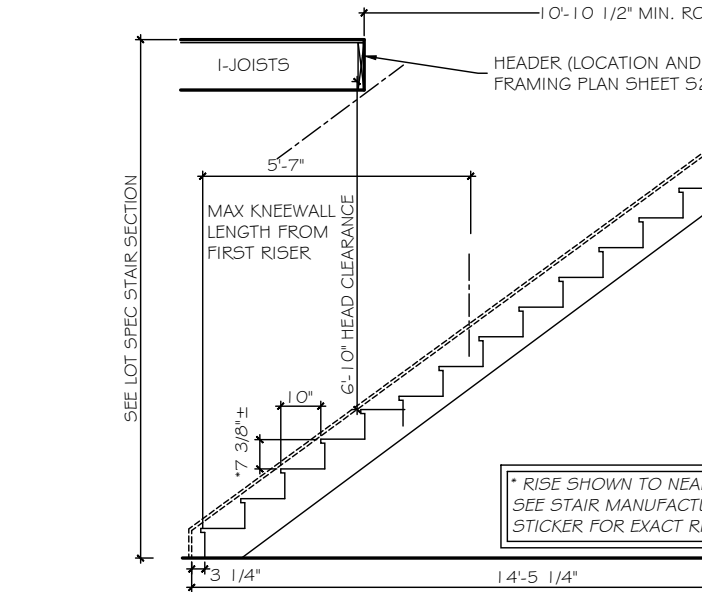
ST-4 OPT. OPEN RAIL FULL STAIR



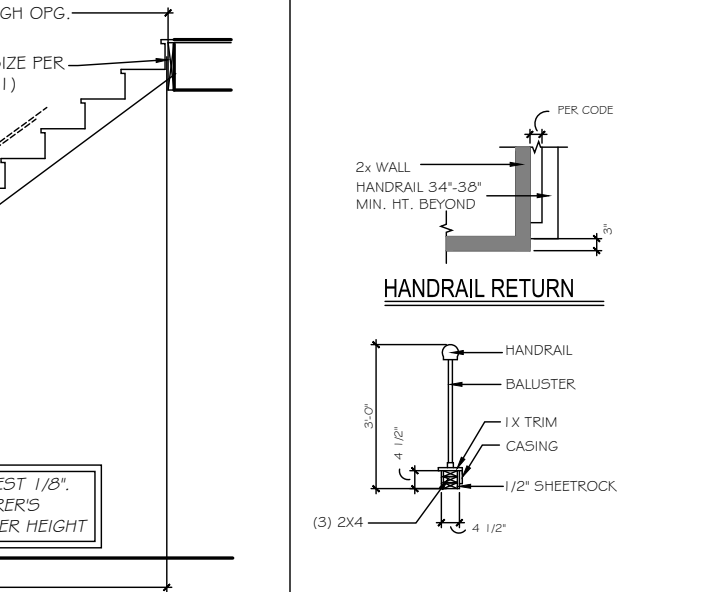
ST-5 STRAIGHT STAIR SECTION - 8ft CEILING HEIGHT w/ 11 7/8\"/>



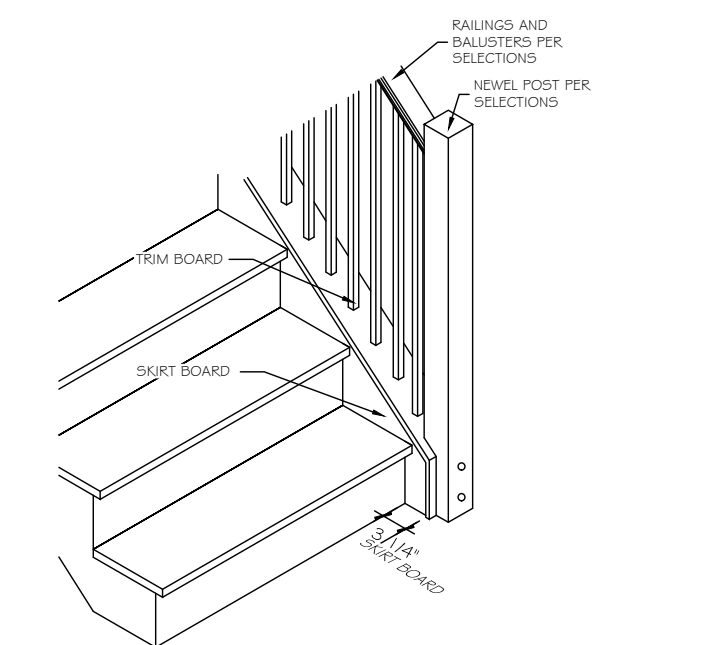
ST-6 STRAIGHT STAIR SECTION - 9ft CEILING HEIGHT w/ 11 7/8\"/>



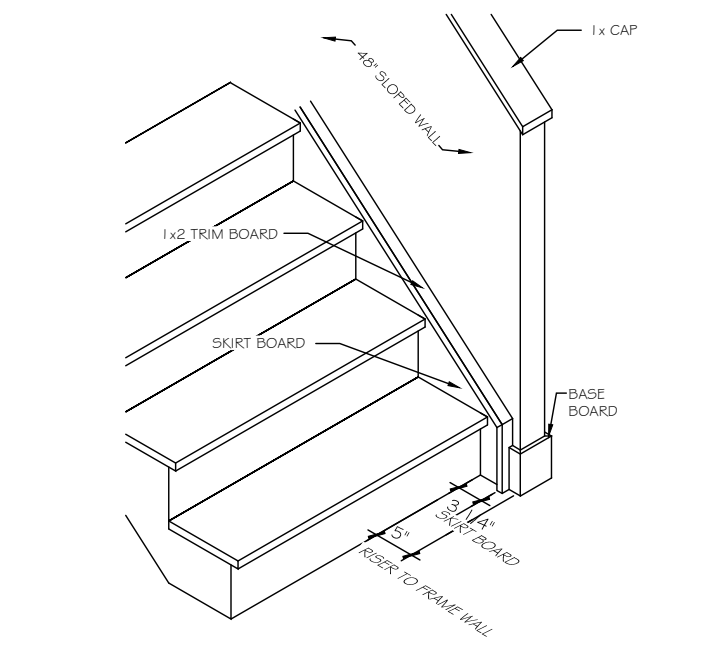
ST-7 STRAIGHT STAIR SECTION - 10ft CEILING HEIGHT w/ 11 7/8\"/>



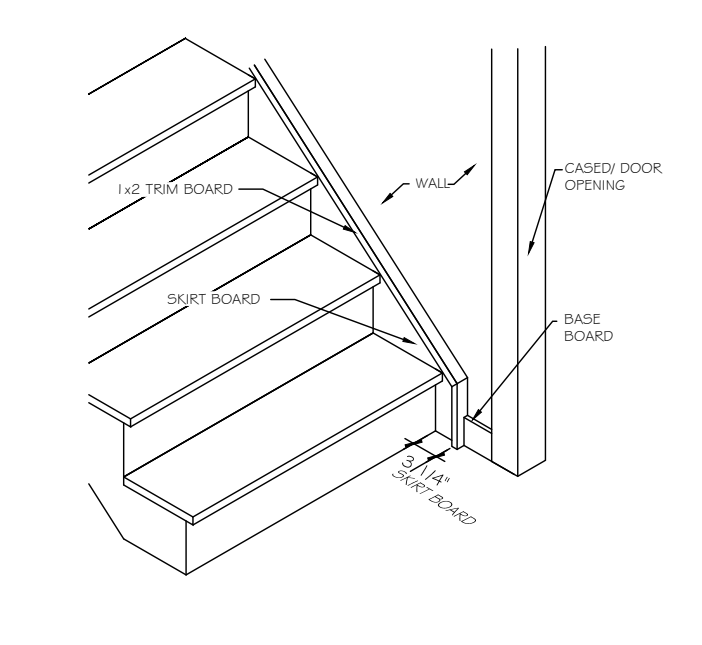
ST-8 HANDRAILS



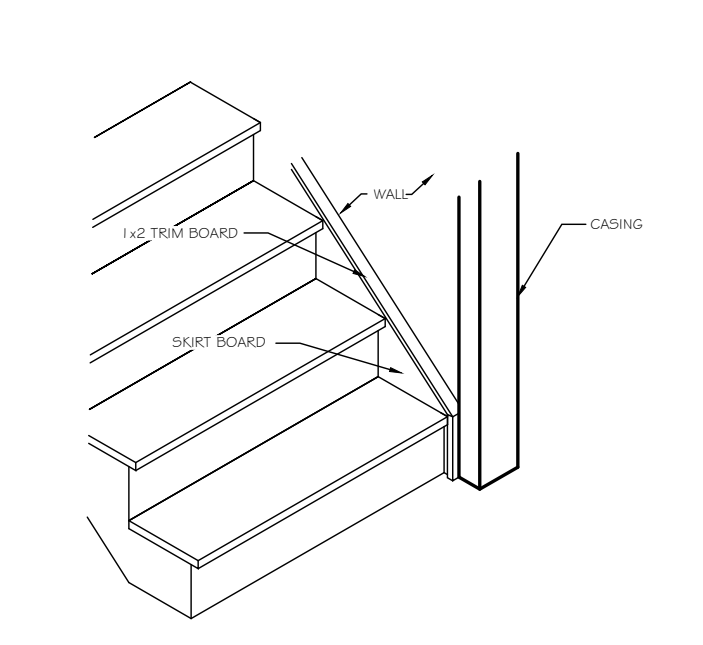
ST-9 OPT. OPEN RAIL - ISO



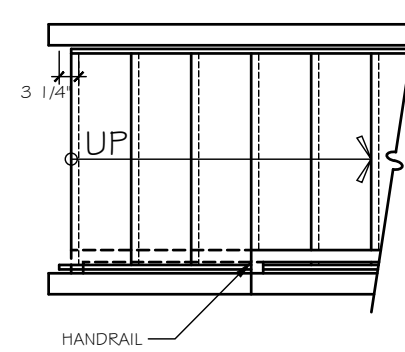
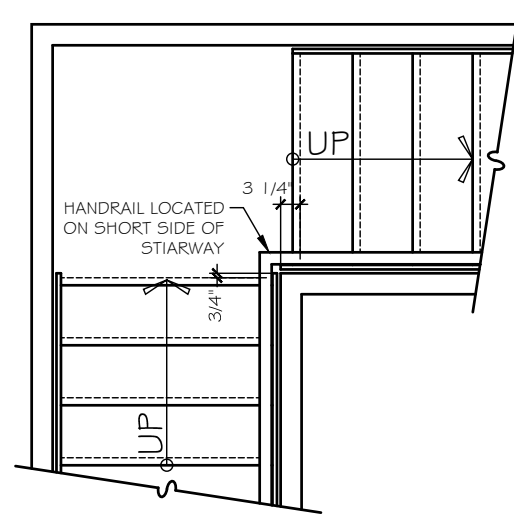
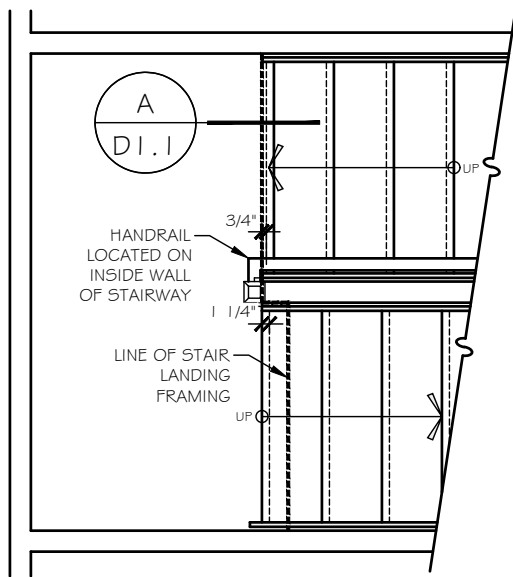
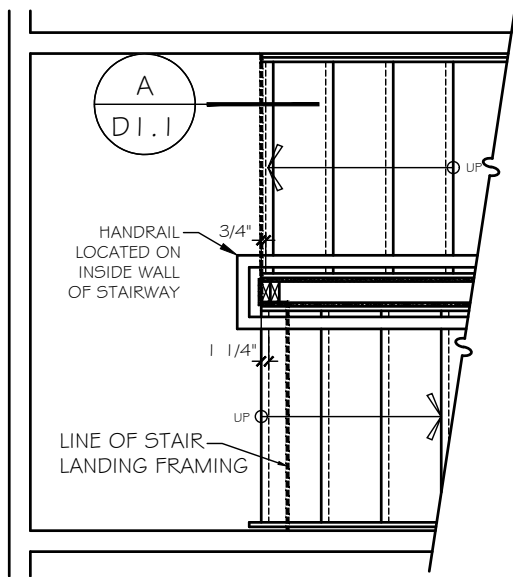
ST-10 48° SLOPED WALL w/ 1x CAP - ISO



ST-11 STAIRS @ CASED OPENING - ISO



ST-12 TRIM SKIRT BOARD @ CASED OPENING



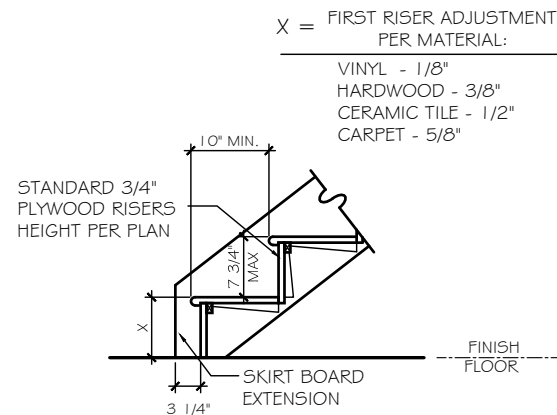
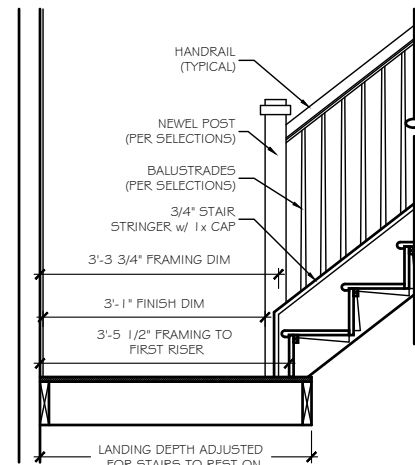
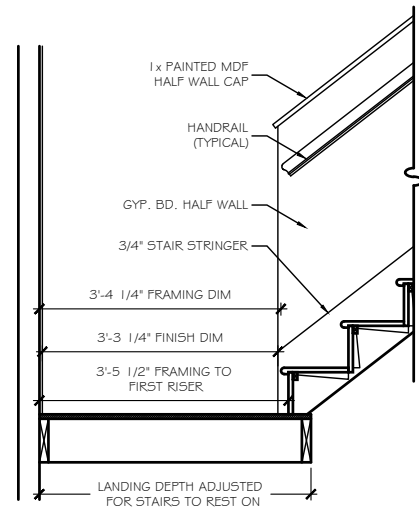
FOR STRAIGHT RUN STAIRWAYS WITHOUT AN INTERMEDIATE LANDING BETWEEN FLOORS, THE HANDRAIL SHOULD BE LOCATED ON THE SAME SIDE AS A FIRST FLOOR HALF WALL OR OPEN RAIL; IF BOTH SIDES HAVE A FIRST FLOOR HALF WALL OR OPEN RAIL, OR IF NONE EXIST, LOCATE THE HANDRAIL ON THE RIGHT SIDE OF THE STAIRWAY

ST-13 STAIR LANDING HALF WALL w/ CAP

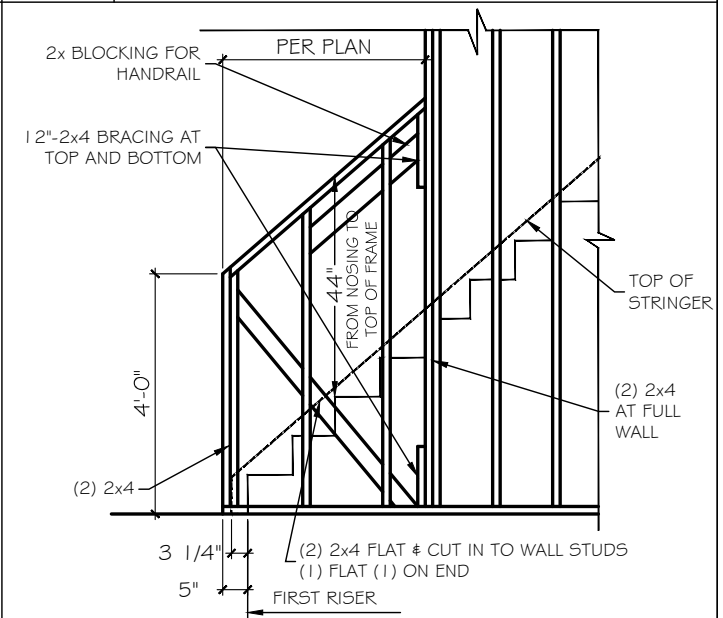
ST-14 STAIR LANDING NEWEL POST & BALUSTRADES

ST-15 STAIR LANDING FULL WALL

ST-15a STAIR w/o INTERMEDIATE LANDING



X = FIRST RISER ADJUSTMENT PER MATERIAL:  
 VINYL - 1/8"  
 HARDWOOD - 3/8"  
 CERAMIC TILE - 1/2"  
 CARPET - 5/8"

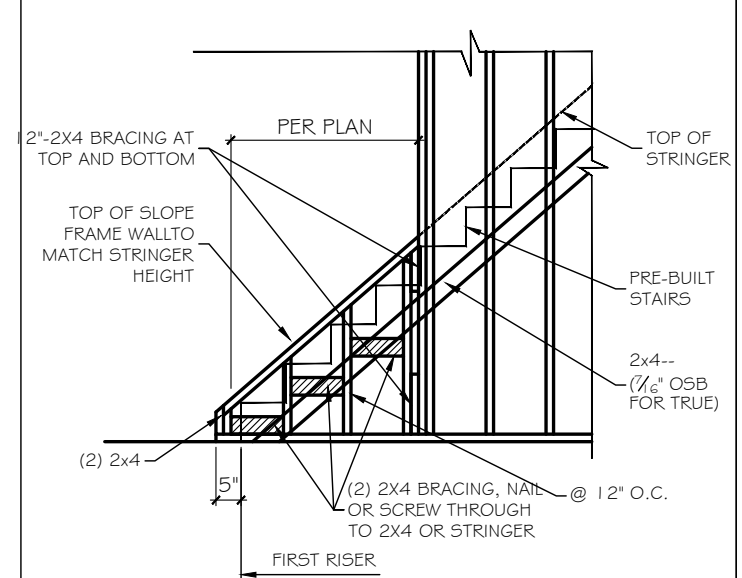
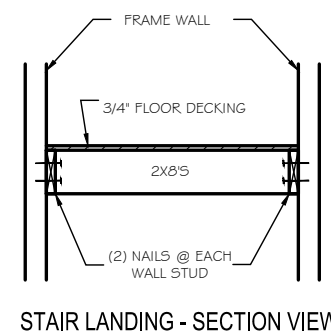
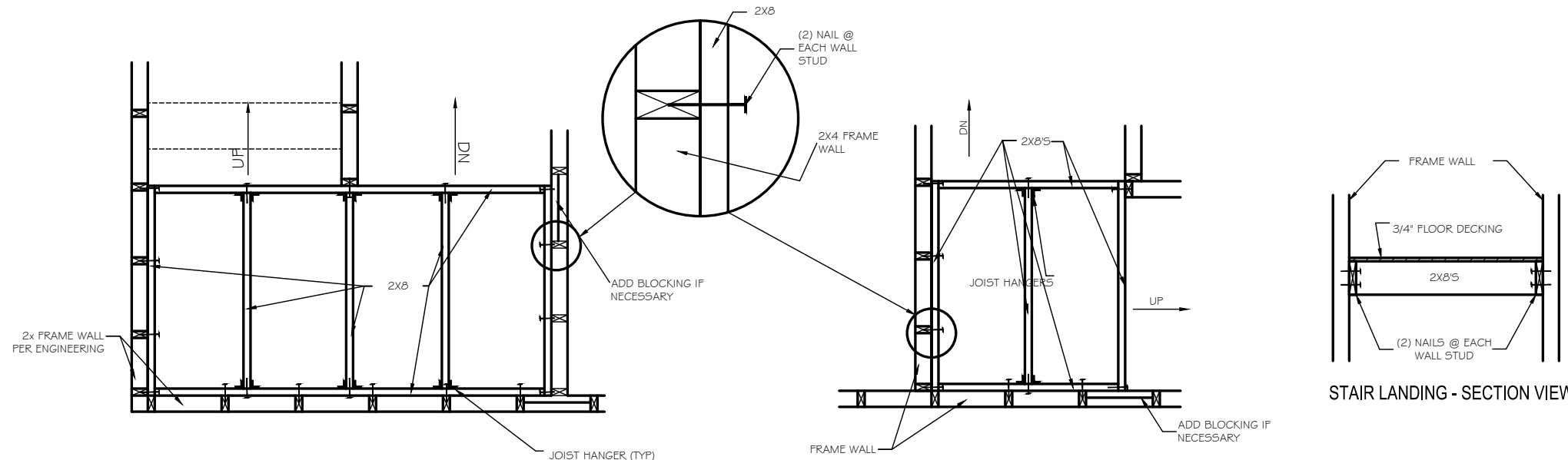


ST-17 SECTION A- SLOPED WALL

ST-18 SECTION A- OPEN RAIL

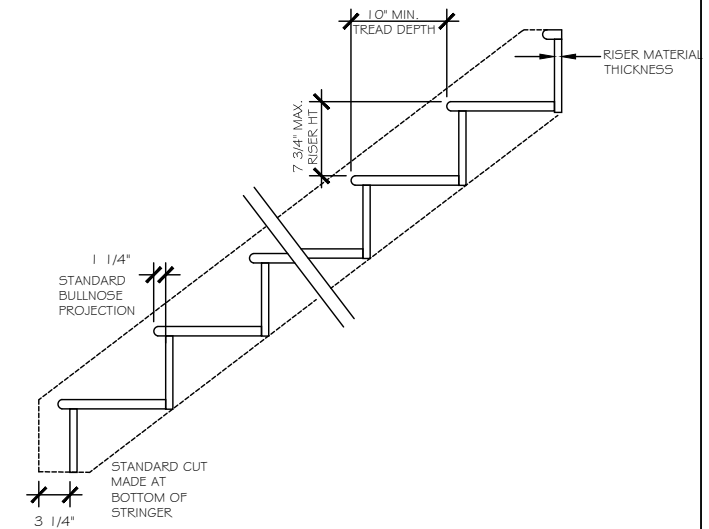
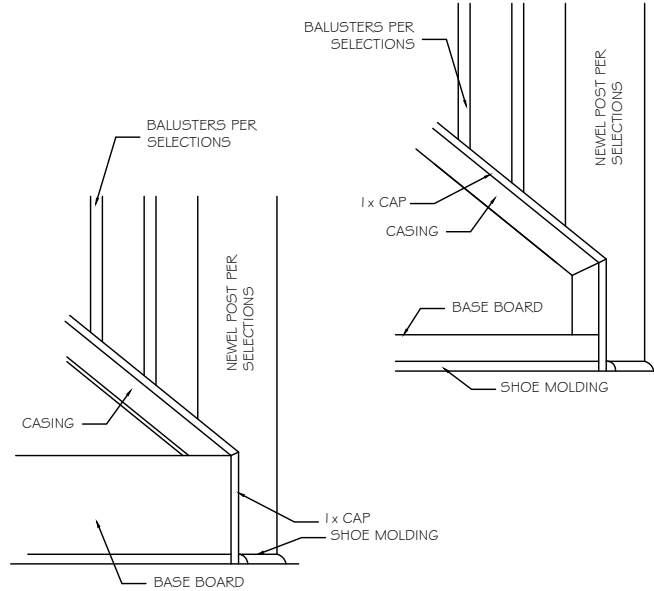
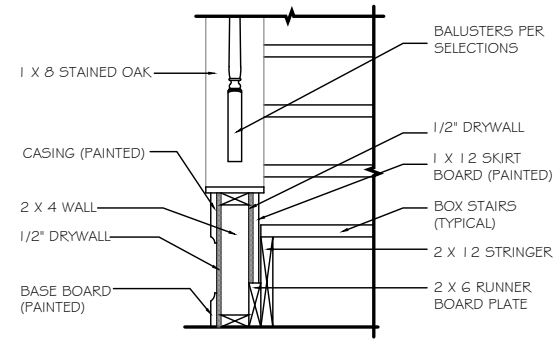
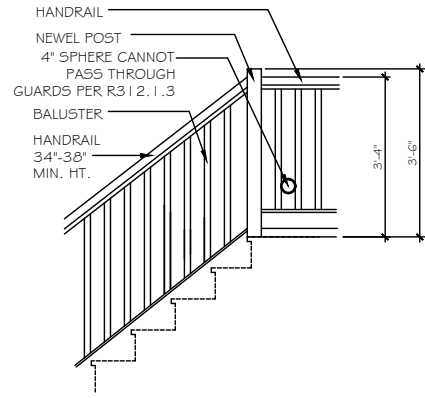
ST-19 STAIR SECTION - FIRST FLOOR

ST-16 SLOPED WALL @ STAIRS - FRAMING



ST-21 STAIR LANDING - PLAN VIEW

ST-20 OPEN RAIL - CURB WALL FRAMING

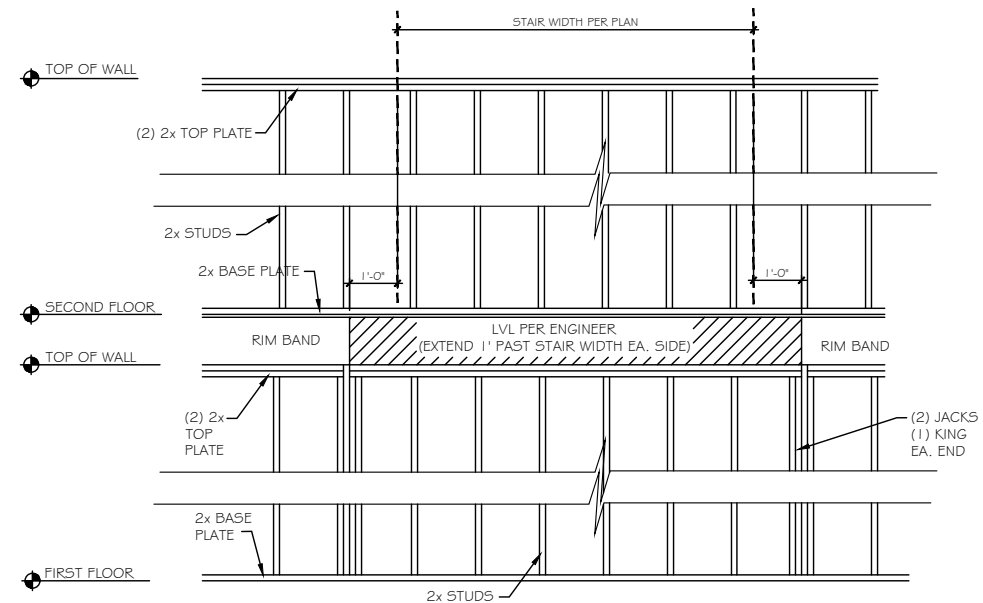
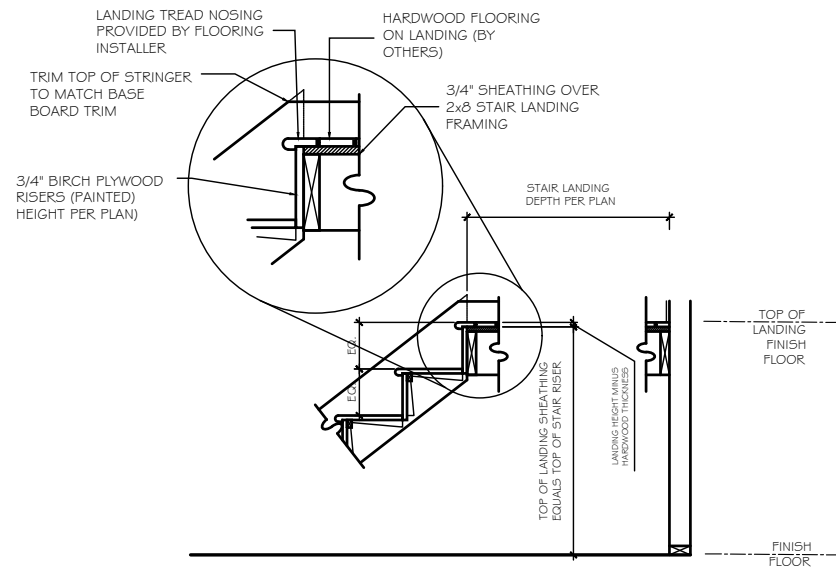


ST-23 OPT. OPEN RAIL AT LANDING

ST-24 SECTION @ CURB WALL

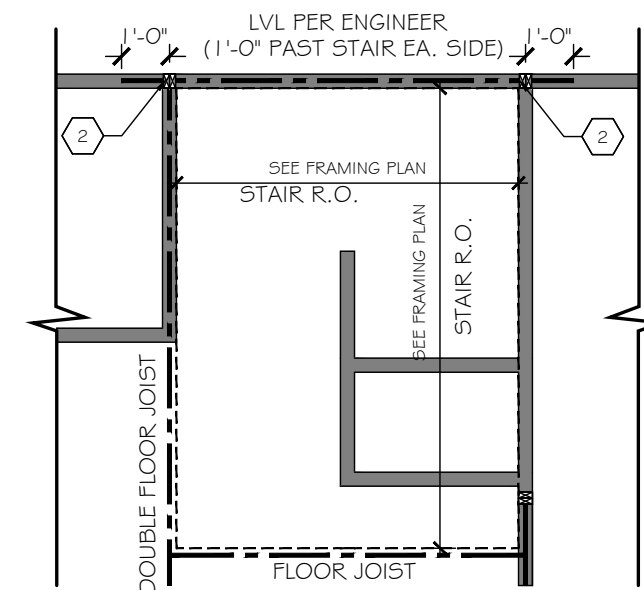
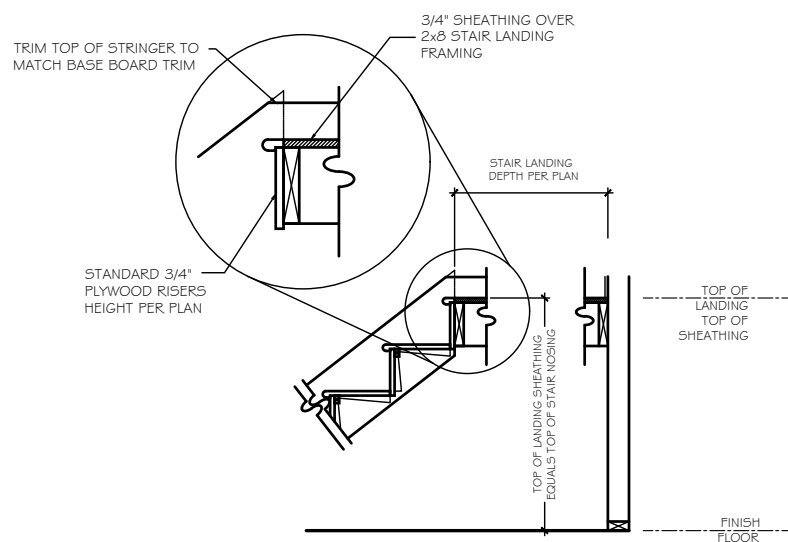
ST-25 OUTSIDE TRIM @ STAIR CURB WALL

STAIR SECTION



ST-26 STAIR SECTION - HARDWOOD STAIRS AND LANDING

ST-28 EXTERIOR WALL FRAMING @ U-SHAPED STAIRS in BALLOON FRAMING



ST-27 STAIR SECTION - CARPET STAIRS AND LANDING

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NORRIS FARM

LOT# 16

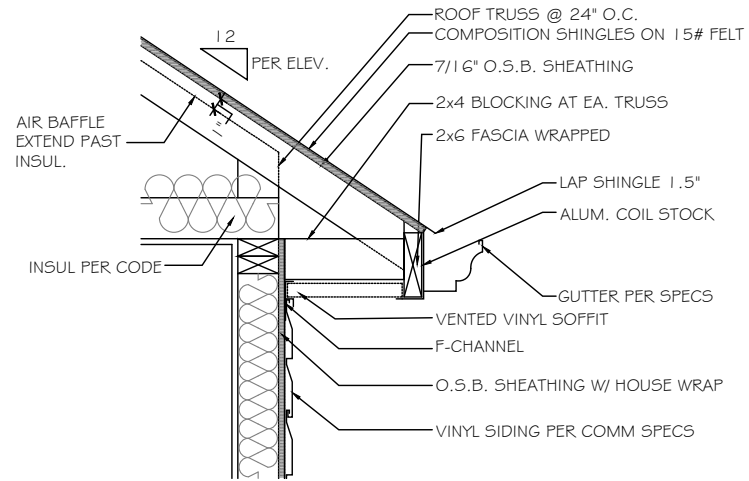
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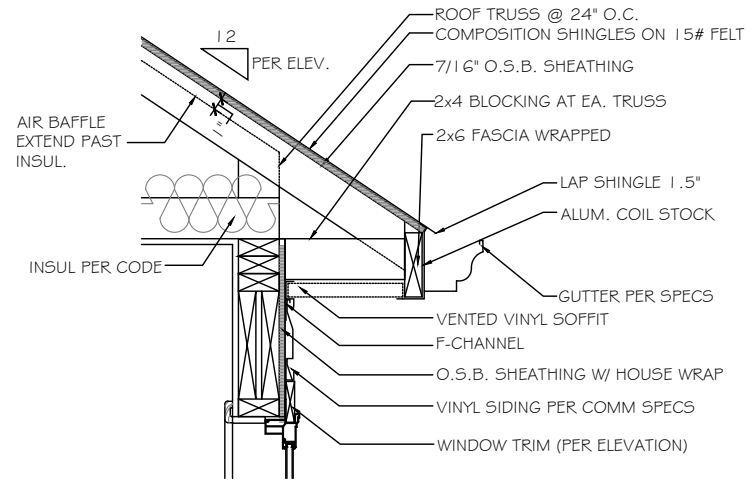
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PREPARED BY:  
**PETER**  
DATE:  
5-15-20  
SCALE:  
AS SHOWN  
REVIEWED BY:  
**CHUCK**

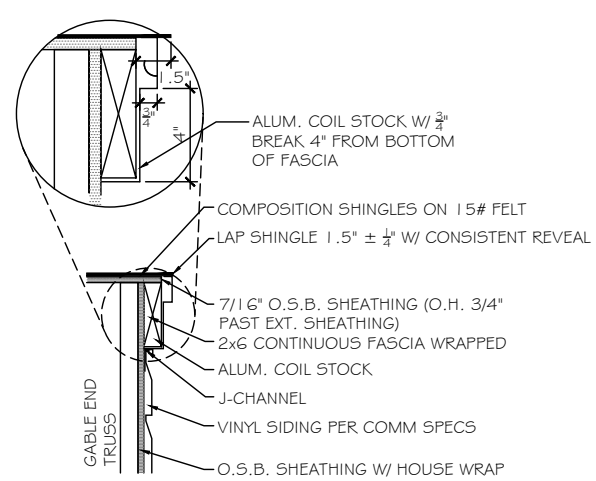
SHEET:  
**D5.3**



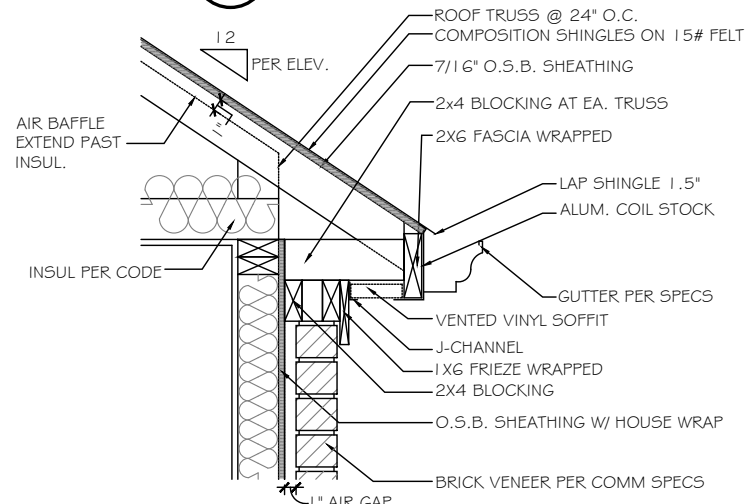
**A** CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE SIDES & REAR



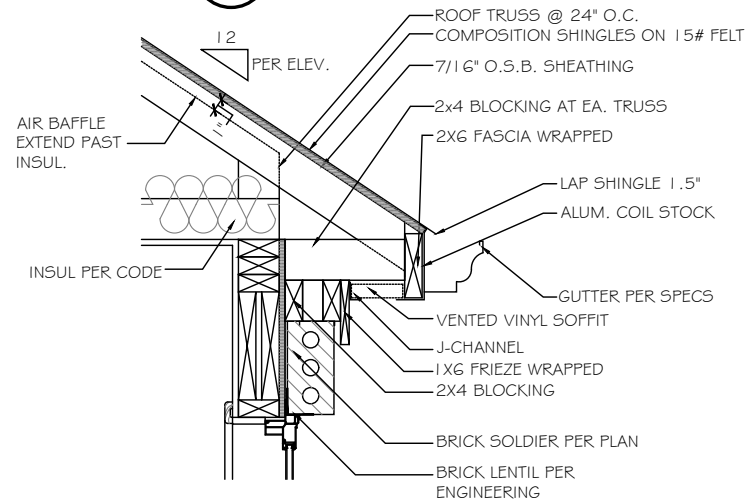
**B** CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE OVER WINDOW



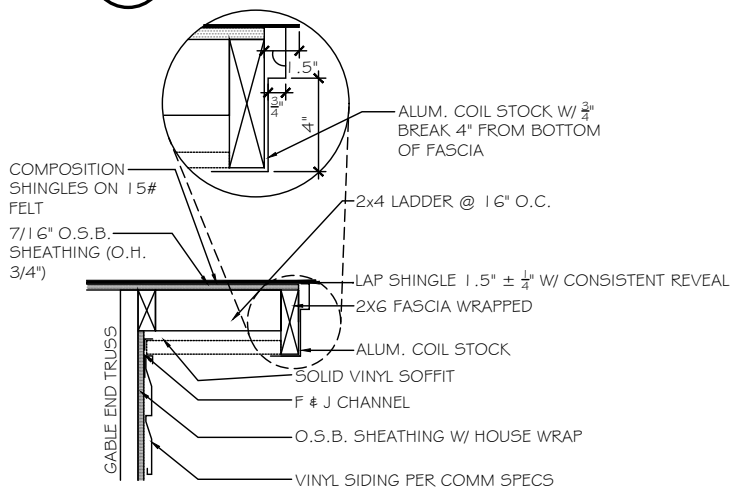
**C** FLUSH RAKE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE GABLE END



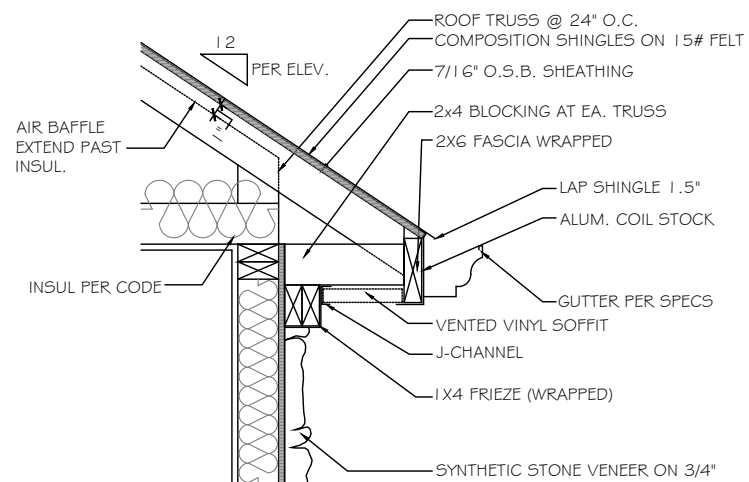
**D** BRICK CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE FRONT



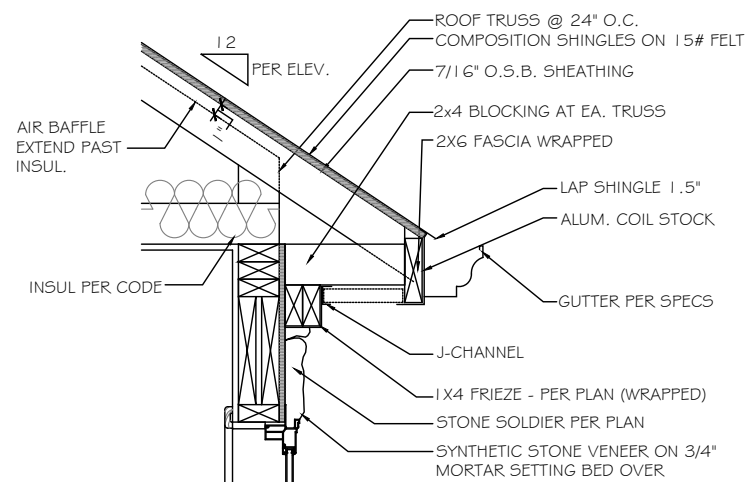
**E** BRICK CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE OVER WINDOW



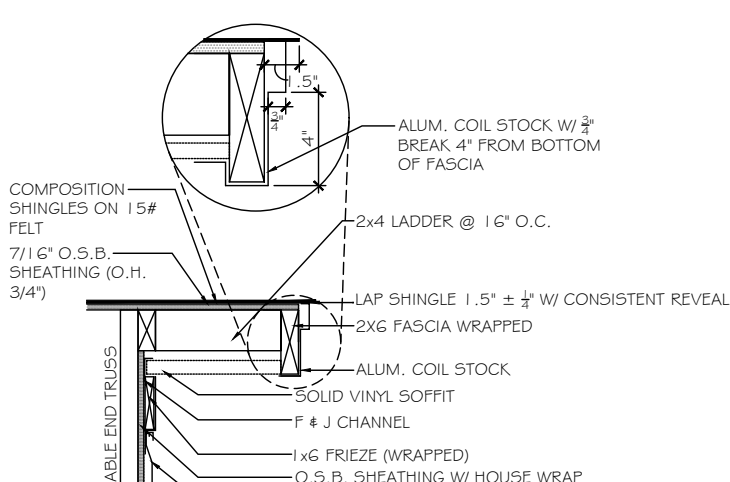
**F** RAKE OVERHANG DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE GABLE END SIDE



**G** STONE CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE FRONT & REAR



**H** STONE CORNICE DETAIL - VINYL/VINYL  
SCALE: NOT TO SCALE OVER WINDOW



**J** RAKE OVERHANG DETAIL w/ FRIEZE - VINYL/VINYL  
SCALE: NOT TO SCALE FRONT

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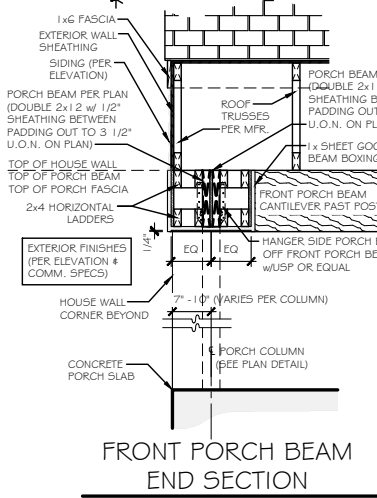
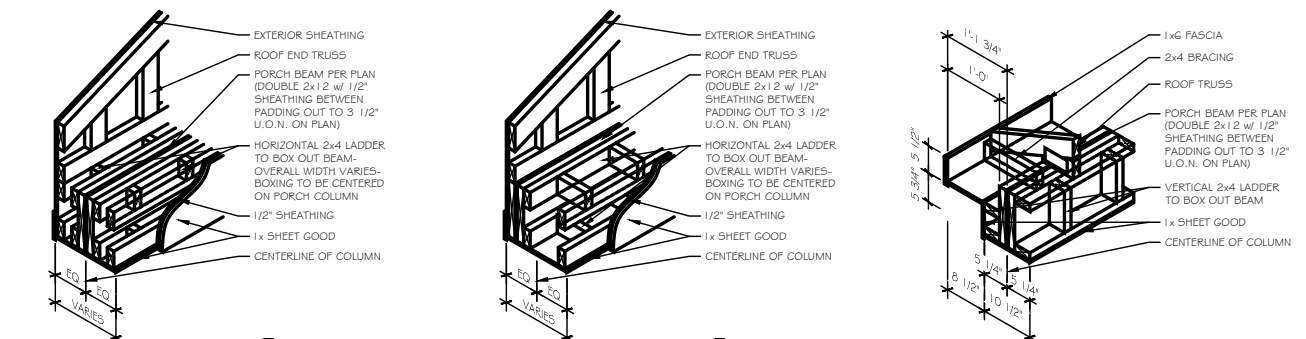
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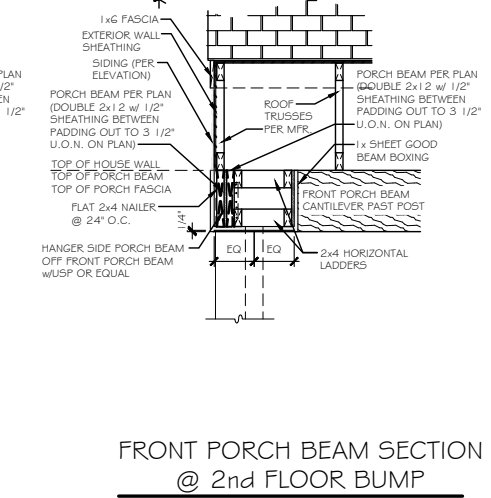
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**D10**

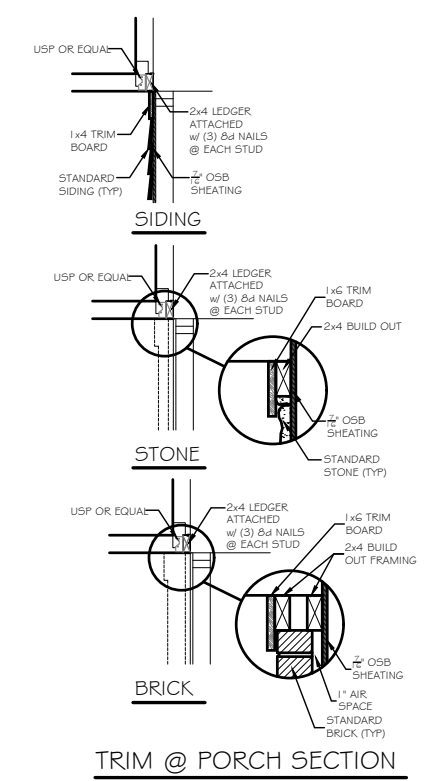


FRONT PORCH BEAM END SECTION

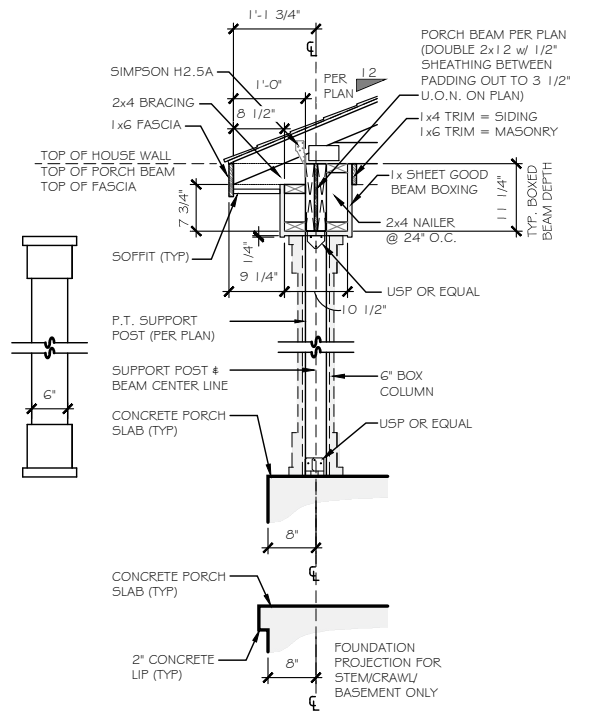


FRONT PORCH BEAM SECTION @ 2nd FLOOR BUMP

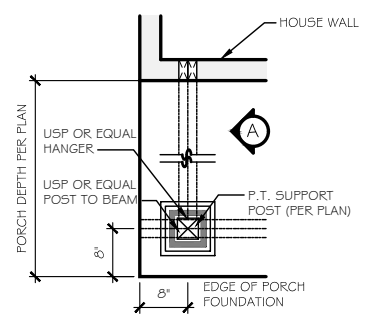
FRONT PORCH BEAM & SOFFIT



TRIM @ PORCH SECTION



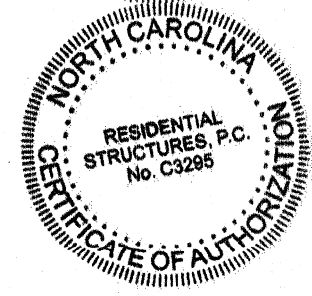
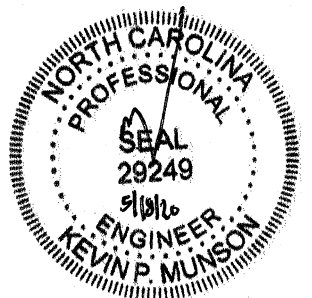
6" BOX COLUMN SECTION DETAIL



6" BOX COLUMN PLAN

**B FRONT PORCH COLUMN DETAIL**

(NOTE: PLAN DIMENSIONS SUPERCEDE DETAIL DIMENSIONS)



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