- PLANS TO BE DESIGNED UNDER 2018 NORTH CAROLINA RESIDENTIAL CODE.

- HOUSE DESIGNED FOR 115 MPH 3 SECOND GUST (89 FASTEST WIND), EXPOSURE B

- ANCHOR BOLTS SHALL BE MIN. 1/2" DIAMETER & SHALL EXTEND A MINIMUM 7" INTO MASONRY OR CONCRETE

- ANCHOR BOLTS TO BE NO MORE THAN 6' O.C. AND WITHIN 12" OF THE CORNER - WALL BRACING IS REQUIRED . DESIGNER MUST SPECIFY METHOD OF BRACING PER SECTION R602 (NC 2018 RESIDENTIAL BUILDING CODE) AND PROVIDE DETAIL

MEAN ROOF HEIGHT = _____ < 30'-0"

| COMPONENT | & CLADDIN | G DESIGNED FO | R THE FOLLOV | WING LOADS |
|------------------|-------------|---------------|--------------|--------------|
| MEAN ROOF HEIGHT | UP TO 30' | 30'-1" - 35' | 35'-1" - 40' | 40'-1" - 45' |
| ZONE 1 | 16.5, -18.0 | 17.3, -18.9 | 18.0, -19.6 | 18.5, -20.2 |
| ZONE 2 | 16.5, -21.0 | 17.3, -22.1 | 18.0, -22.9 | 18.5, -23.5 |
| ZONE 3 | 16.5, -21.0 | 17.3, -22.1 | 18.0, -22.9 | 18.5, -23.5 |
| ZONE 4 | 18.0, -19.5 | 18.9, -20.5 | 19.6, -21.3 | 20.2, -21.8 |
| ZONE 5 | 18.0, -24.1 | 18.9, -25.3 | 19.6, -26.3 | 20.2, -27.0 |

MINIMUM VALUES FOR ENERGY COMPLIANCE:

ZONE 4

MAX GLAZING U-FACTOR = 0.35 CEILING R-38 WALLS R-15 FLOORS R-19



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

LIST OF ABBREVIATIONS

CLG. : CEILING HGT. : HEIGHT D.O. : DOUBLE OVEN WD. : WOOD CONT.:CONTINUOUS CONC. : CONCRETE COL. : COLUMN ELLIP. : ELLIPSE W/ : WITH TRANS. : TRANSOM CANT. : CANTILEVER M.O. : MASONRY OPENING 5S= 5 SHELVES 1R/1S = 1 ROD AND 1 SHELF2R/2S = 2 RODS AND 2 SHELVES SD= SMOKE DETECTOR CMD= CARBON MONOXIDE DETECTOR

ABV. : ABOVE C.O. : CASED OPENING REFG. : REFRIGERATOR D.W. : DISHWASHER T.B.D.: TO BE DETERMINEI W.I.C. : WALK IN CLOSET W: WASHER D : DRYER SHWR. : SHOWER DN. : DOWN K.S. : KNEE SPACE TYP. : TYPICAL

- 1.) SEE CHAPTER 6 OF 2018 NCRC FOR WALL CONSTRUCTION.
- 2.) TEMPERED GLASS TO BE USED AT ALL SAFETY 6.) VERIFY ALL WINDOW SIZES, RADIUS, AND DETAILS WITH CHOSEN MANUFACTURE. **REQUIRED LOCATIONS ACCORDING TO 2018** NCRC SECTION R308.4.
- 3.) DWELLING/GARAGE FIRE SEPARATION SHALL PER TABLE 302.6 OF 2018 NCRC.
- 4.) ALL HABITABLE ROOMS SHALL MEET LIGHT/VENTILATION & EGRESS AS REQUIRED IN 2018 NCRC SECTIONS R303.1 AND R310

GENERAL PLAN NOTES

- 5.) ALL ANGLED WALLS ARE 45° UNLESS NOTED 9.) ALL CABINET DESIGNS/LAYOUTS TO BE OTHERWISE.
- 7.) LOCATE DORMER FACE TO ALLOW 4" MIN. BELOW WINDOW FRAME.
- 8.) FLOOR PLAN NOTATIONS GOVERN OVER ELEVATION SCALE.
- VERIFIED WITH OWNER VIA SHOP DRAWINGS FROM CABINET MANUF.
- 10.) ALL FLOOR COVERINGS AND FINISHES BY OWNER/ BLDR. COORDINATE HEIGHTS DUE TO THICKNESS CHANGES.
- 11.) ALL WINDOW GLAZING TO HAVE 0.32 U-FACTOR 14.) FINISHES OF ALL INTERIOR BASE BOARD, CLG. MIN. SEE TABLE E-4A, E-4B
- 12.) FINISHES OF SCREEN PORCH COLUMNS, RAILS, FLOORS, CEILINGS; SCREEN DOOR SYSTEM, AND DOOR TO PORCH BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS
- 13.) FINISHES FOR CLOSET SHELVING AND ROD BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS
 - DETAIL / MOLDING , OPENING DETAILS , PASS-THRUS, WAINSCOTTING DETAILS BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS

NOTE: PLANS DESIGNED UNDER 2018 NORTH CAROLINA RESIDENTIAL CODE.

> RESIDENCE NO JOR RAYN

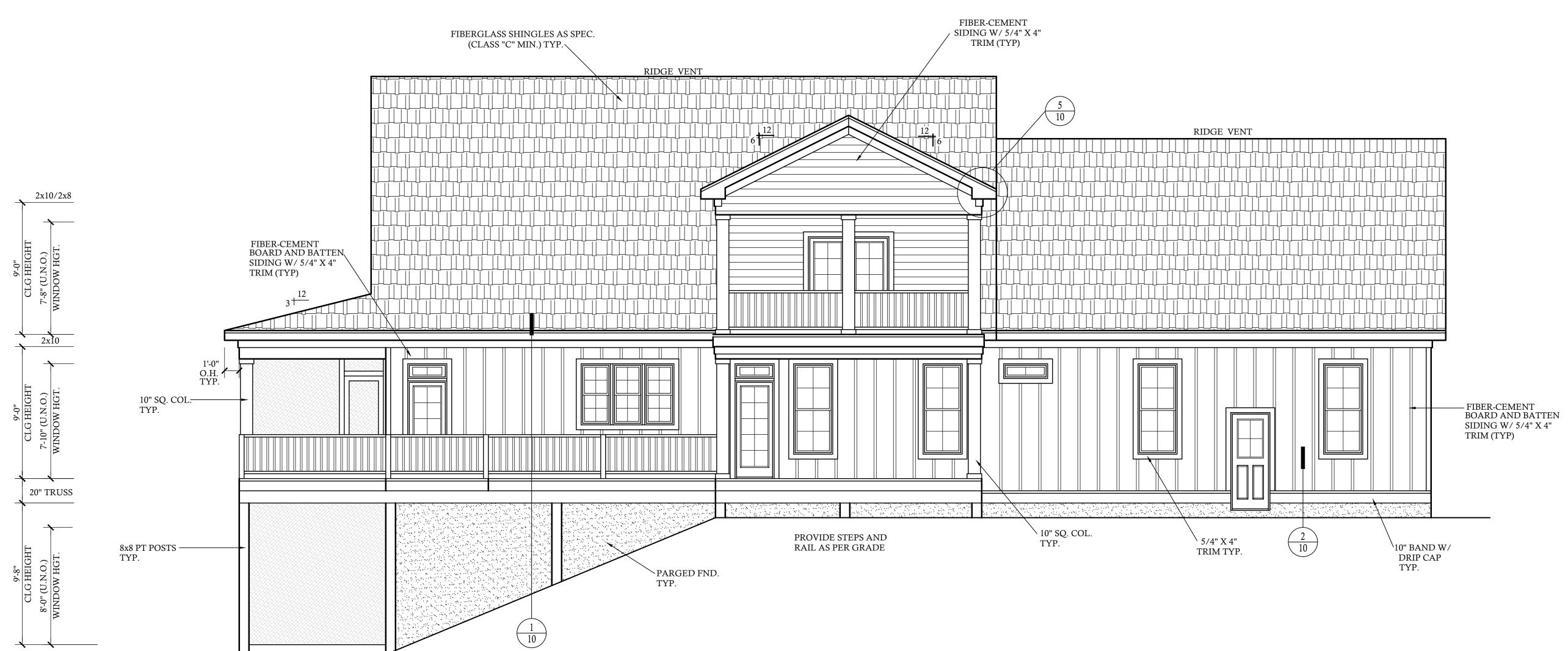
| ACCESSORIES L | EGEND |
|---------------------|----------------------|
| PROVIDE BLOCKING FO | R: |
| TB = TOWEL BAR | MR = MAGAZINE RACK |
| TP = TOILET PAPER | MC = MEDICINE CABINE |

E CABINET TR = TOWEL RING NOTE: SELECTION BY OWNER PER BUILDER CONTRACT SPECIFICATIONS

NOTE: -SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.

-GRADE LINES ARE ASSUMED. VERIFY WITH FINAL GRADING PLAN.

| AREA CALCULATIONS | | | | |
|-------------------|--------|--------------------|---------|--|
| HEATED (SQ. FT.) | | UNHEATED (SQ. FT.) | | |
| BASEMENT: | 1248 | GARAGE: | 628 | |
| 1ST FLOOR: | 1442 | COV. PORCH: | 145 | |
| 2ND FLOOR: | 544 | DECK: | 281 | |
| REC ROOM: | 450 | SCR. PORCHES: | 490 | |
| | | PORCH: | 48 | |
| | | BALCONY: | 145 | |
| | | PATIO: | 163 | |
| TOTAL: | 3684 | TOTAL: | 1900 | |
| (HEATED) | 5001 | (UNHEATED) | 1700 | |
| · · · · | | · / | | |
| OVERALL DIM | ENSION | UNFINISHED (SQ | 9. FT.) | |
| WIDTH: | 81'-4" | STOR./MECH: | 89 | |
| DEPTH: | 46'-8" | | | |
| | | | | |
| | | | | |



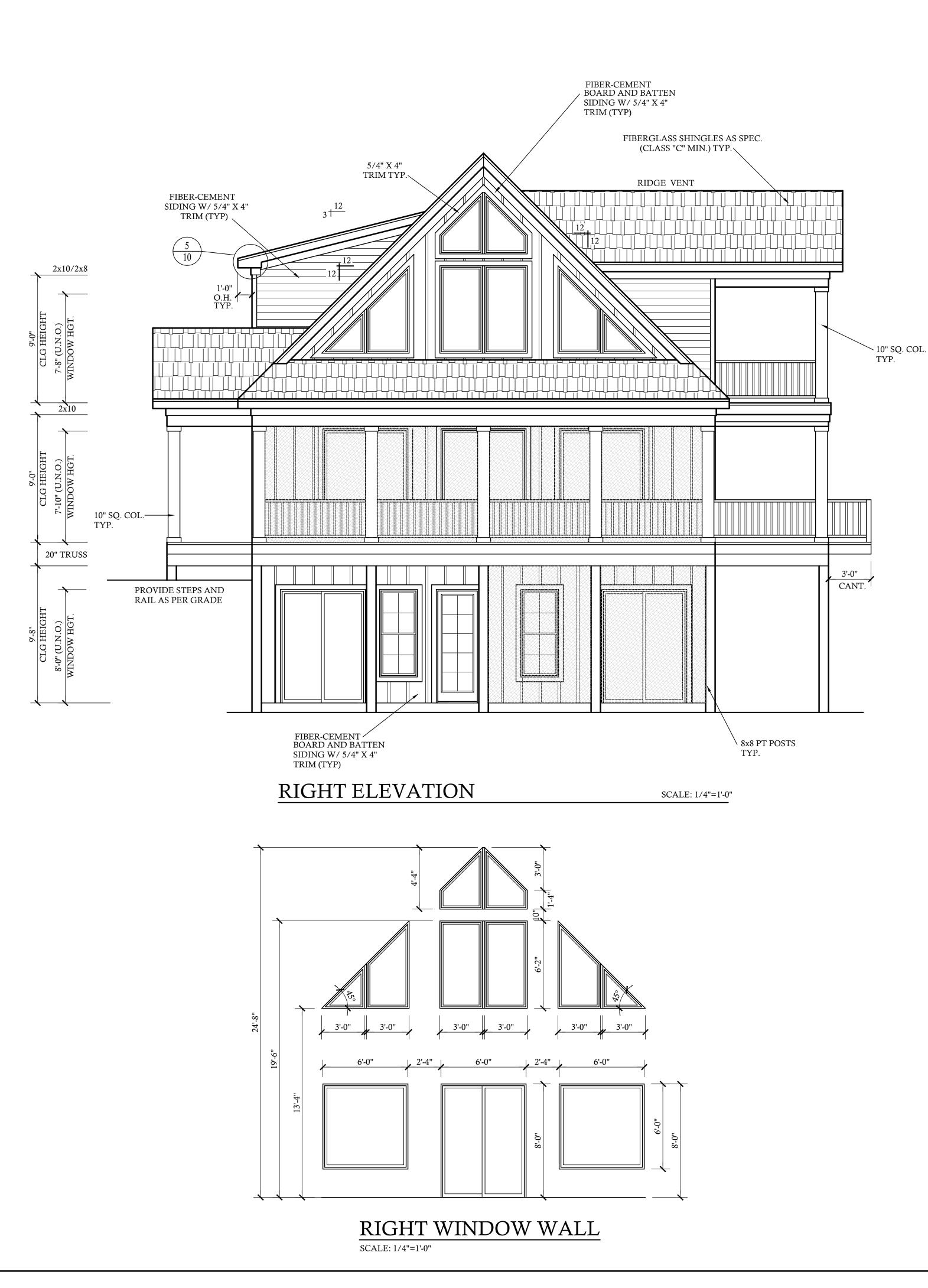
REAR ELEVATION

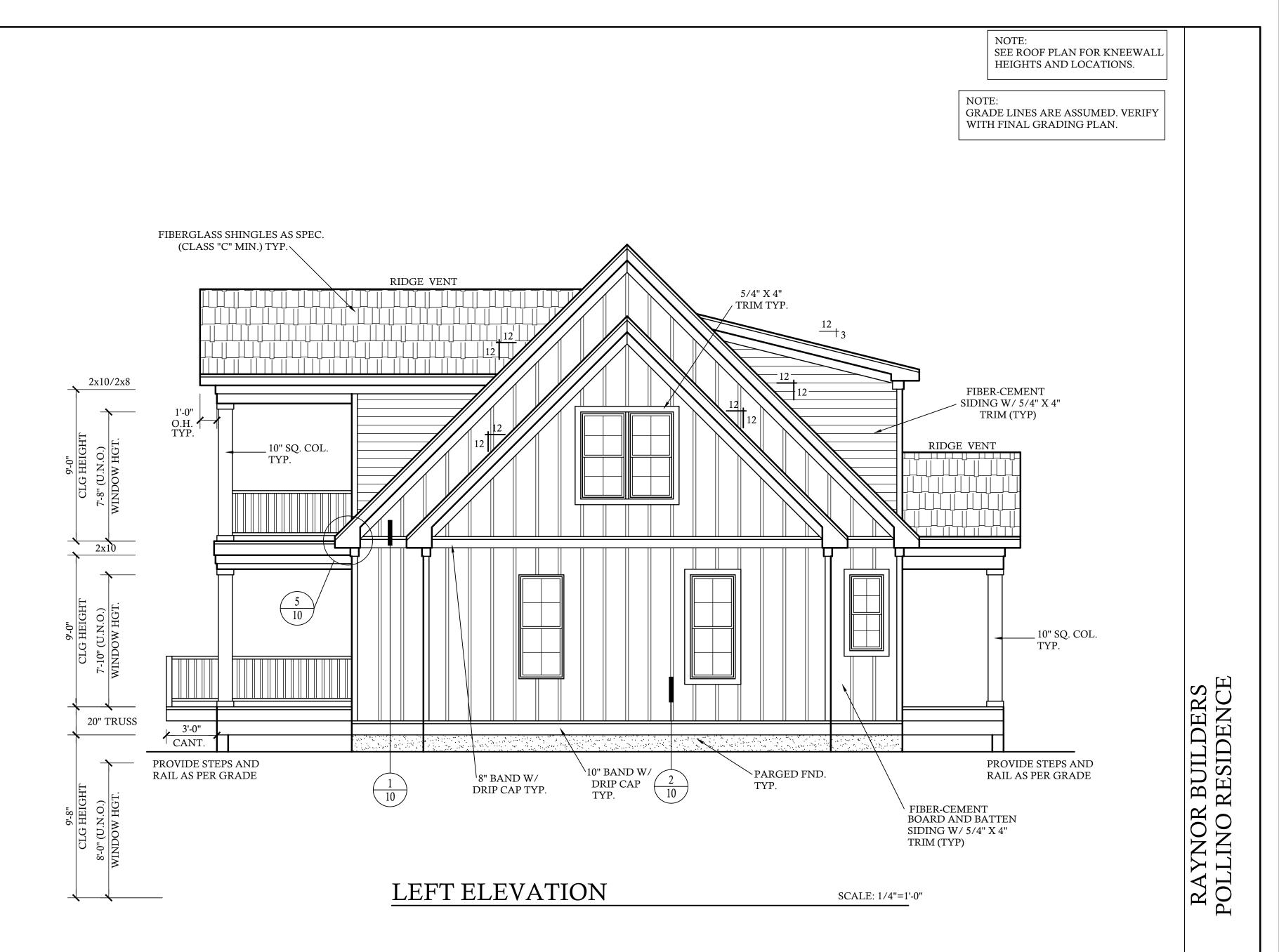
SCALE: 1/4"=1'-0"

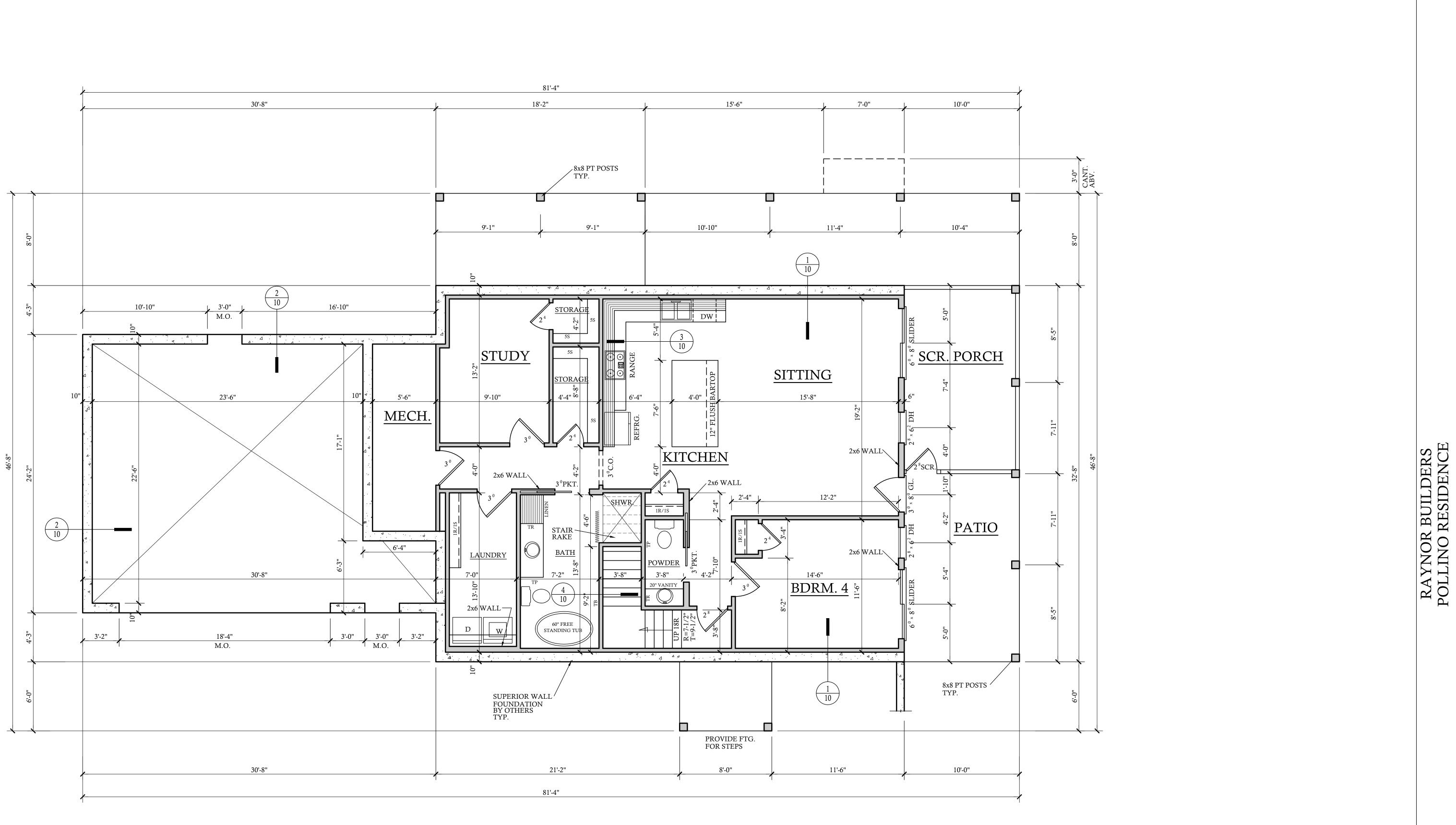
NOTE: SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.

NOTE: GRADE LINES ARE ASSUMED. VERIFY WITH FINAL GRADING PLAN.

RAYNOR BUILDERS POLLINO RESIDENCE

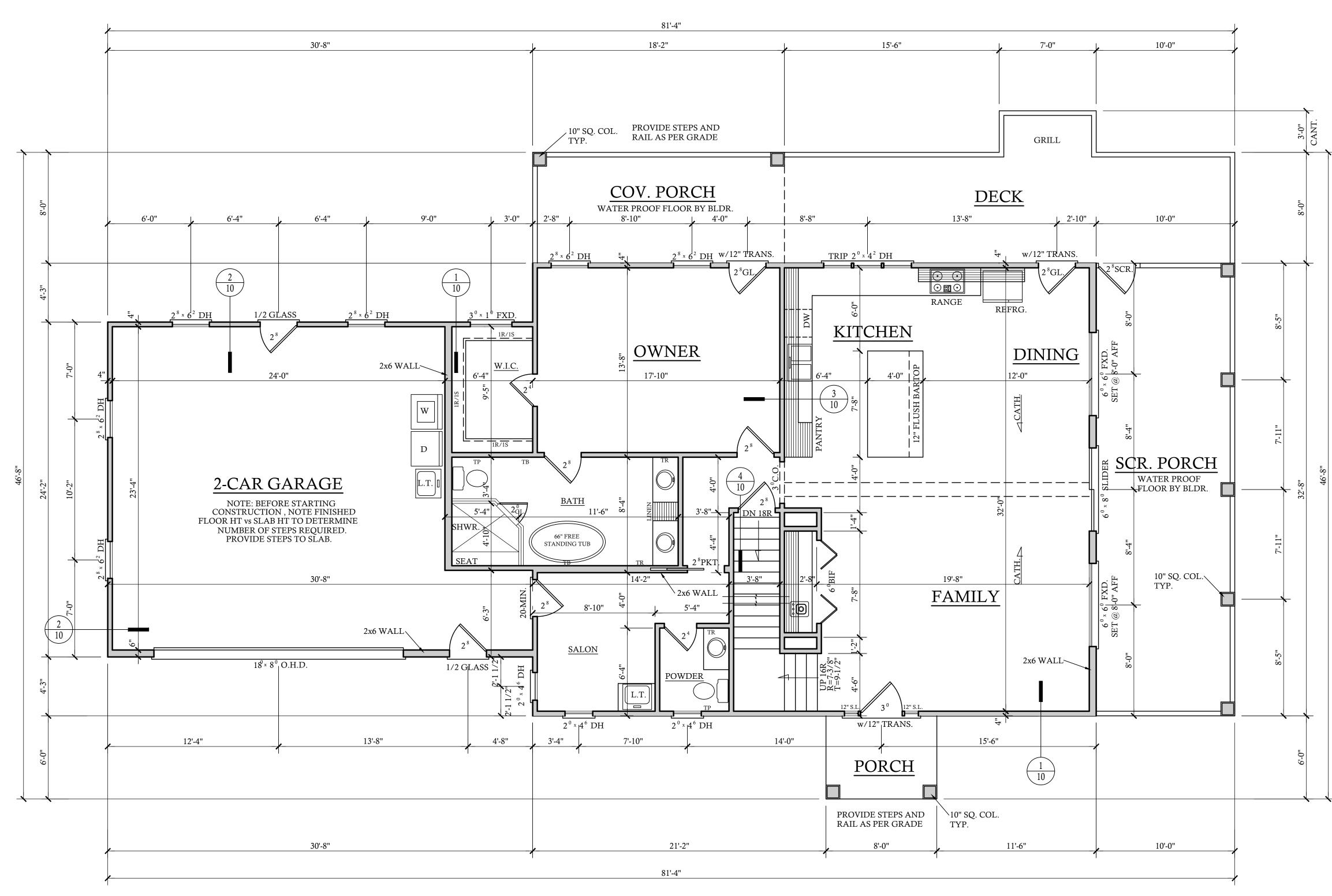






BASEMENT PLAN 9'-8" CLG. HGT. U.N.O. SET WINDOWS @ 8'-0" U.N.O.

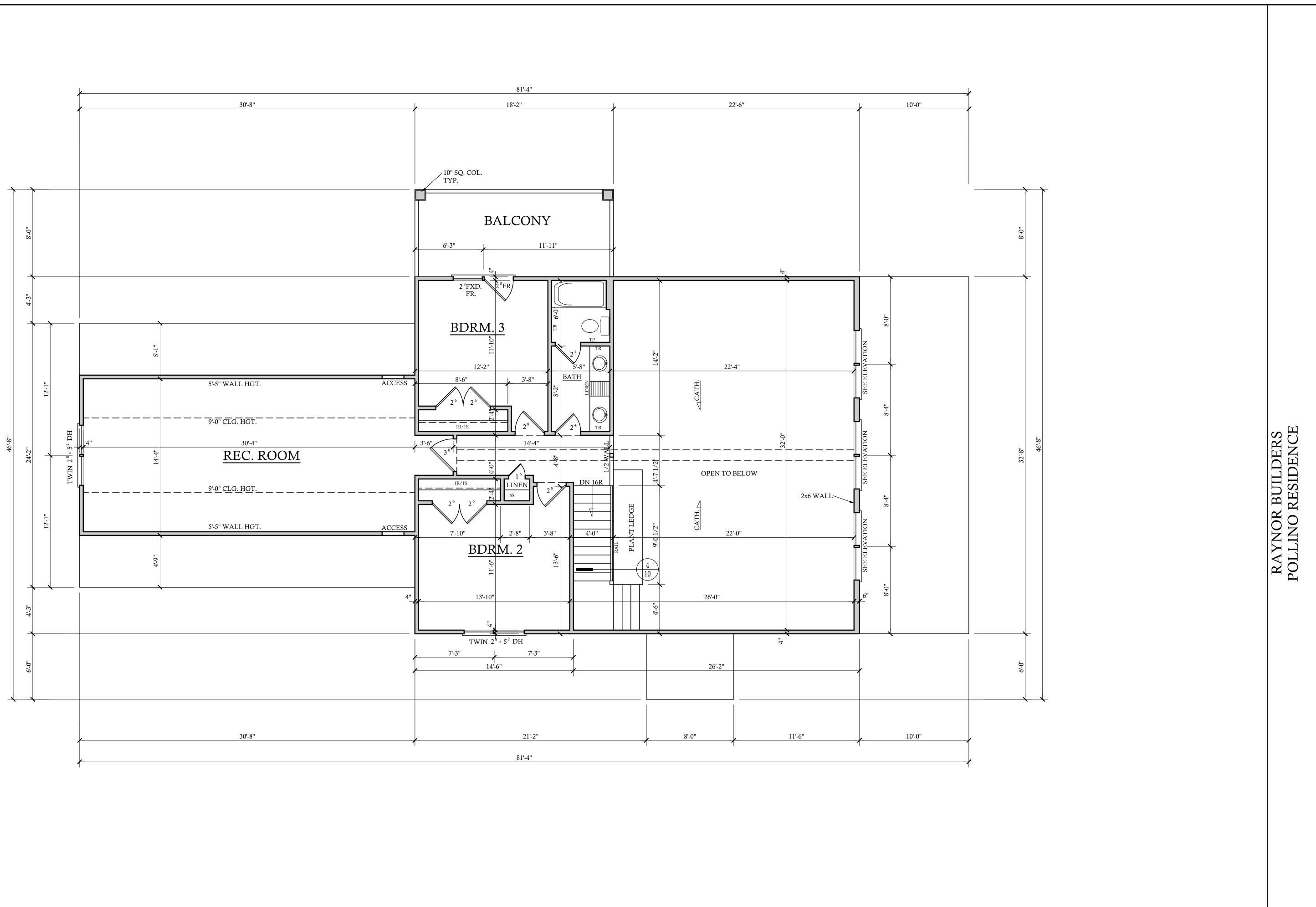
SCALE: 1/4"=1'-0"



FIRST FLOOR PLAN 9'-0" CLG. HGT. U.N.O. SET WINDOWS @ 7'-10" U.N.O.

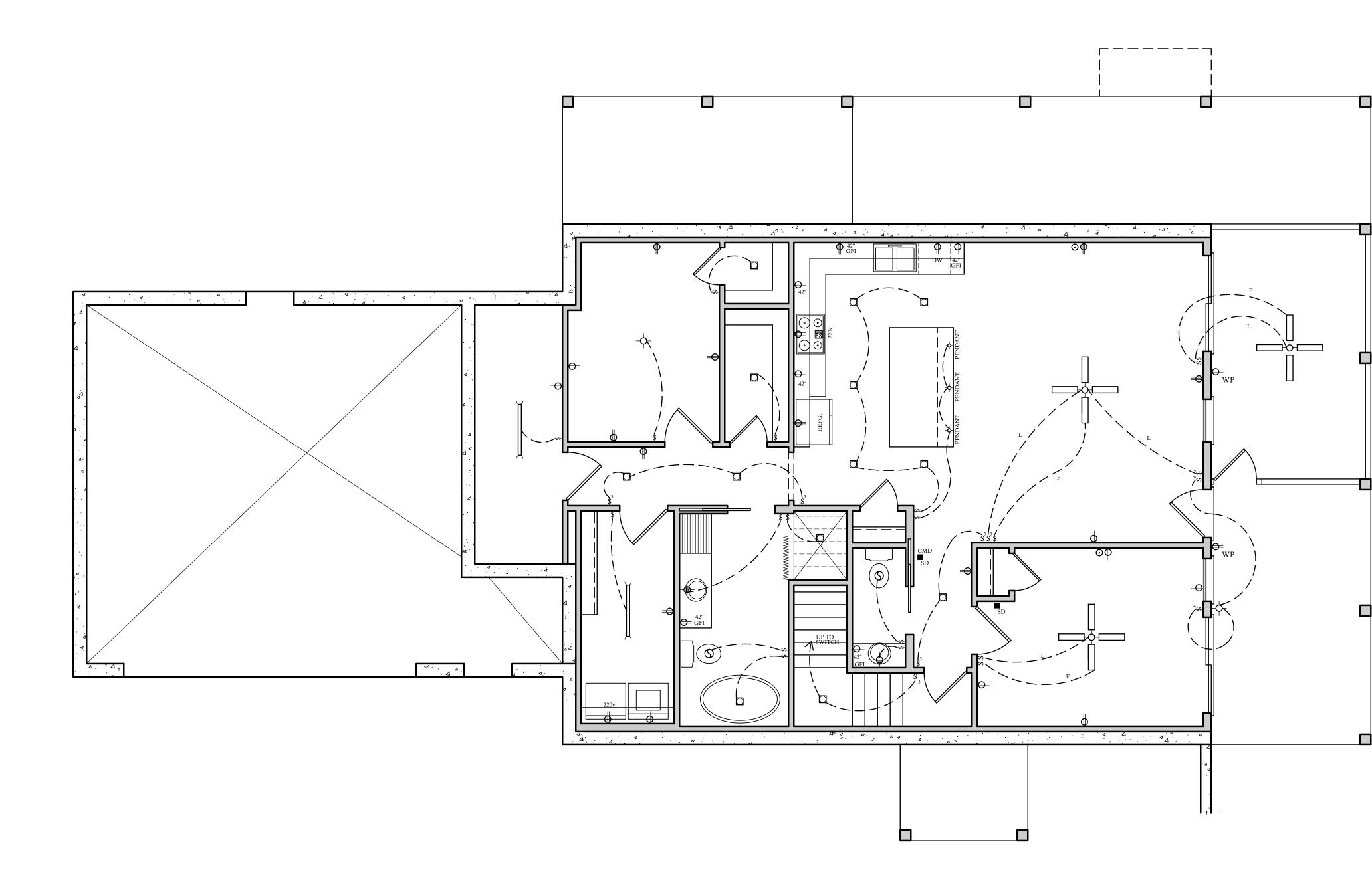
SCALE: 1/4"=1'-0"

RAYNOR BUILDERS POLLINO RESIDENCE



SECOND FLOOR PLAN 9'-0" CLG. HGT. U.N.O. SET WINDOWS @ 7'-8" U.N.O.

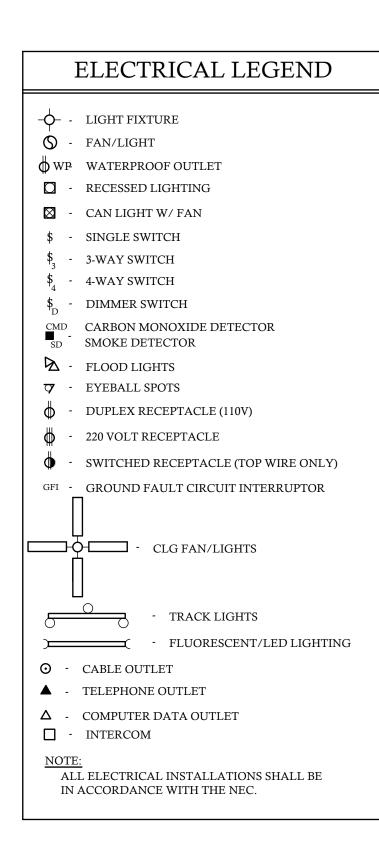
SCALE: 1/4"=1'-0"



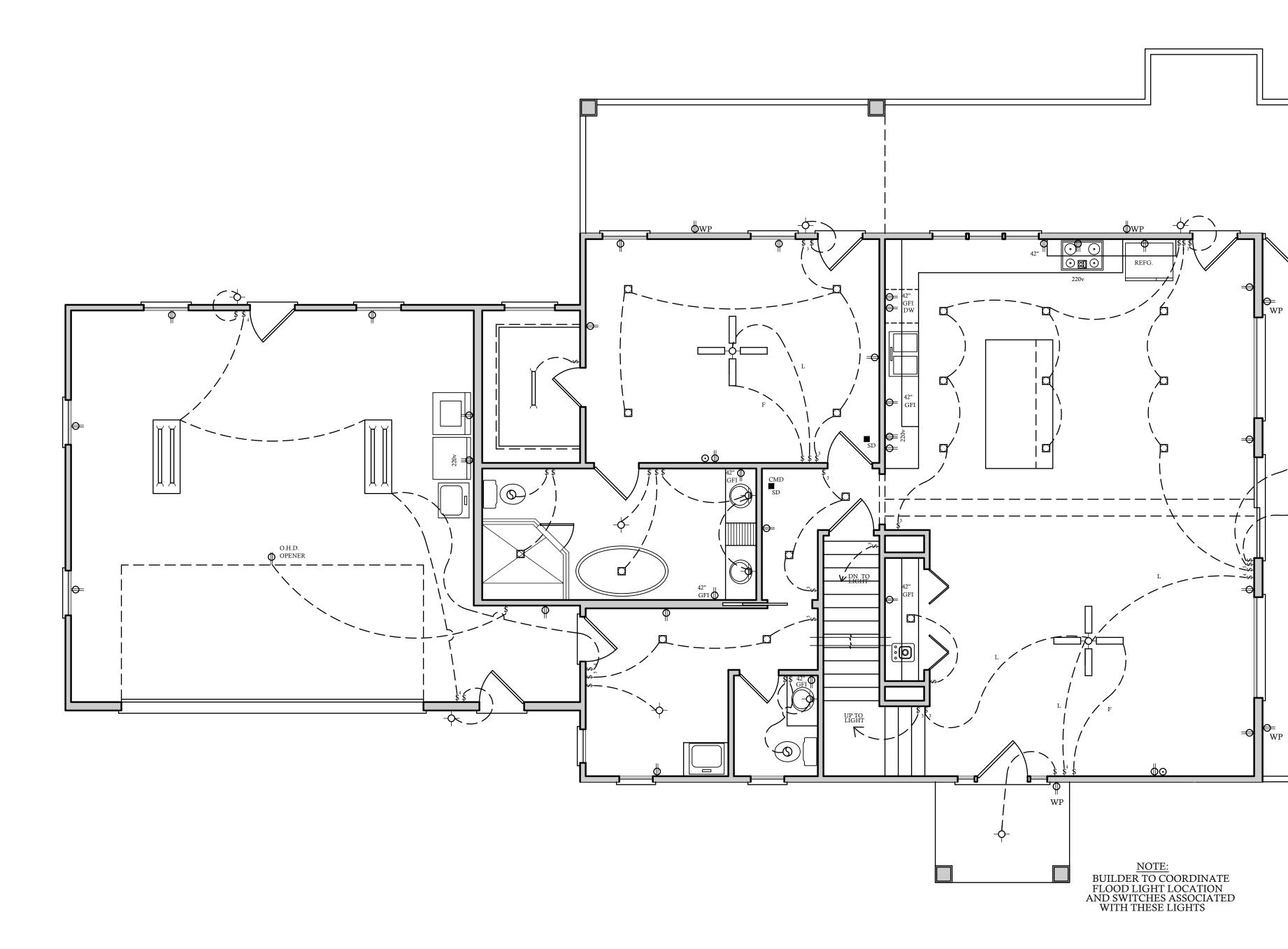
BASEMENT ELECTRICAL PLAN

ELECTRICAL NOTES:

- 1. THE ELECTRICAL DIAGRAMS SHOWN ON THESE PLANS ARE TO BE USED AS A GUIDE. HOME OWNER AND BUILDER ARE REQUIRED TO REVIEW AND CONFIRM WITH LICENSED ELECTRICAL CONTRACTOR THESE CONTENTS PRIOR TO ROUGH-IN FOR CODE COMPLIANCE AND SPECIAL REQUIREMENTS BY THE HOME OWNER. ONCE CONSTRUCTION BEGINS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. SEE ELECTRICIAN, BUILDER, AND OWNER FOR POSSIBLE GENERATOR LOCATION, SWITCHES, RECEPTACLES, AND ATTACHMENTS. COORDINATE SIZE AND MODEL OF GENERATOR TO HANDLE LOADS ADEQUATELY.
- 3. UNDER-CABINET COUNTER LIGHTING FOR KITCHEN IS OPTIONAL. PLEASE CONFIRM WITH CABINET MAKER AND ELECTRICIAN.
- 4. ELECTRICAL FOR EXTERIOR LANDSCAPE LIGHTING AND POOL EQUIPMENT BY BUILDER AS PER CODE.
- 5. IT IS AN OPTION FOR EVERY TOP RECEPTACLE AT FRONT WINDOWS TO BE ON ONE SWITCH LOCATED BY OWNER/ BUILDER FOR WINDOW DECORATION LIGHTING.
- 6. CLOSET LIGHTING TO BE CONTROLLED BY SWITCH AS SHOWN OR IN-JAMB SWITCH WHICH WOULD ILLUMINATE LIGHT WHEN DOOR IS OPENED. SOME ELECTRICAL PLANS MAY OR MAY NOT SHOW CLOSET LIGHTING. SEE OWNER AND CONFIRM WITH BUILDER.
- 2. EXHAUST FANS ARE REQUIRED IN BATHROOMS WITHOUT NATURAL VENTILATION. OUR PLANS WILL ALWAYS SHOW EXHAUST FAN.
- 8. NO HEAT LAMPS OR HEATERS MAY BE SHOWN IN THIS DRAWING. PLEASE CONFIRM WITH BUILDER FOR PRESENCE AND LOCATION.
- ALL SLEEPING AREAS/BEDROOMS SHOULD CONTAIN SMOKE DETECTORS. SOME CORRIDORS ALSO REQUIRE SMOKE DETECTORS. PLEASE SEE LOCAL, STATE, AND FEDERAL BUILDING CODES TO CONFIRM THESE REQUIREMENTS.
- 10. PANEL BOX LOCATION BY ELECTRICIAN/BUILDER AS PER CODE.



NOR BUILDERS RAYN

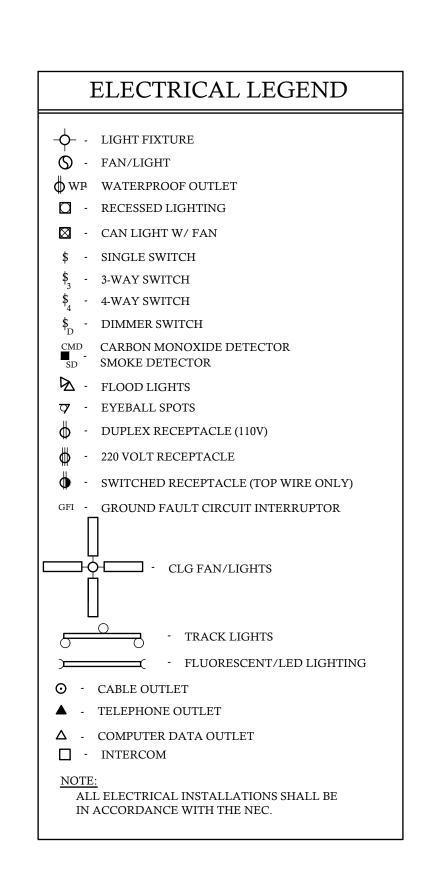


FIRST FLOOR ELECTRICAL PLAN

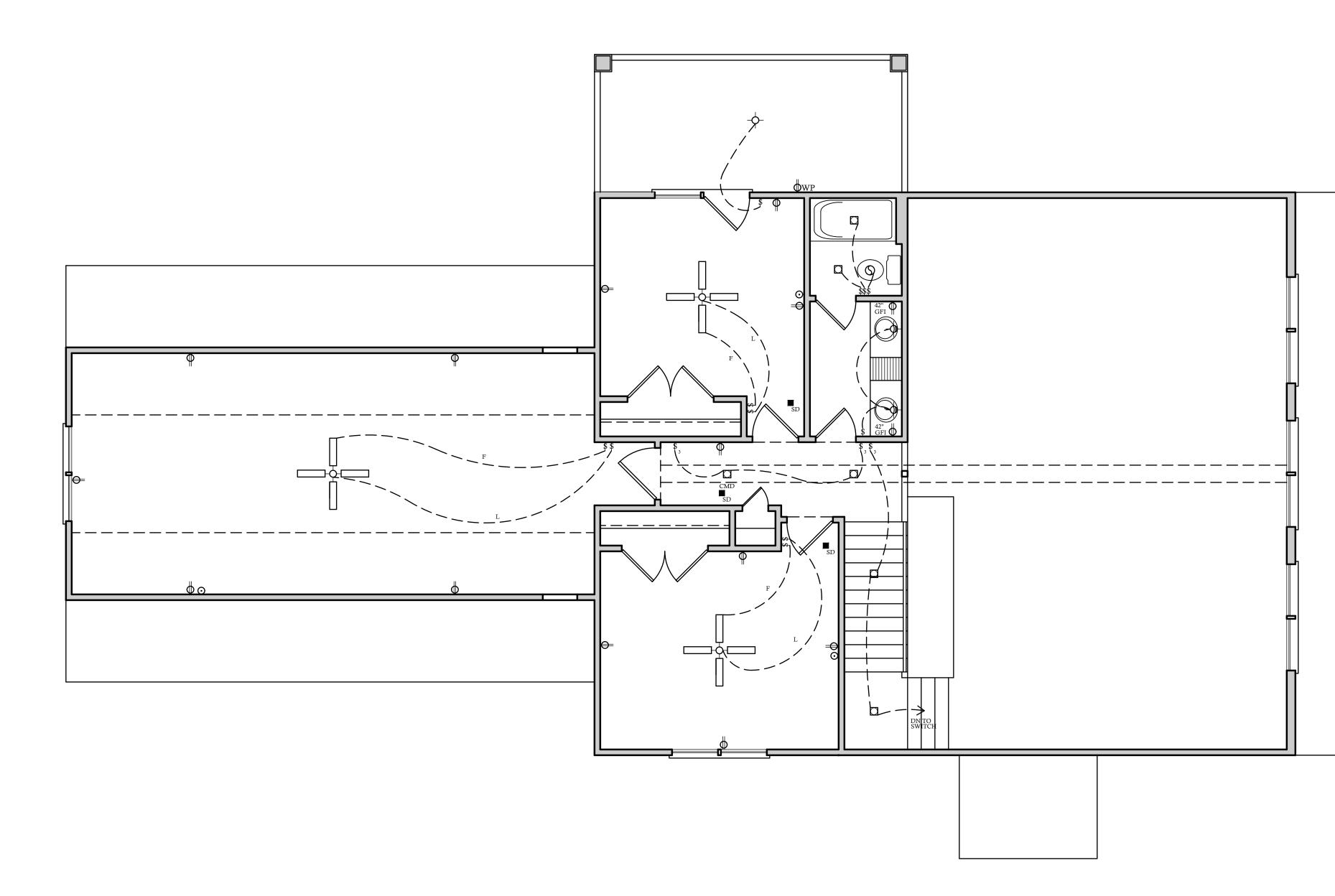


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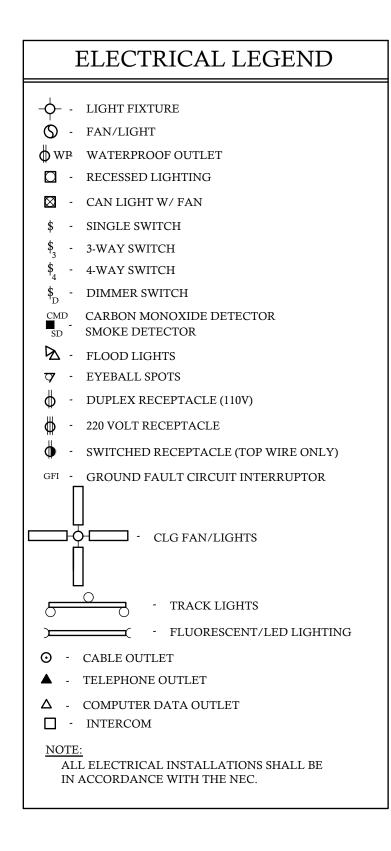
RAYNOR BUILDERS POLLINO RESIDENCE



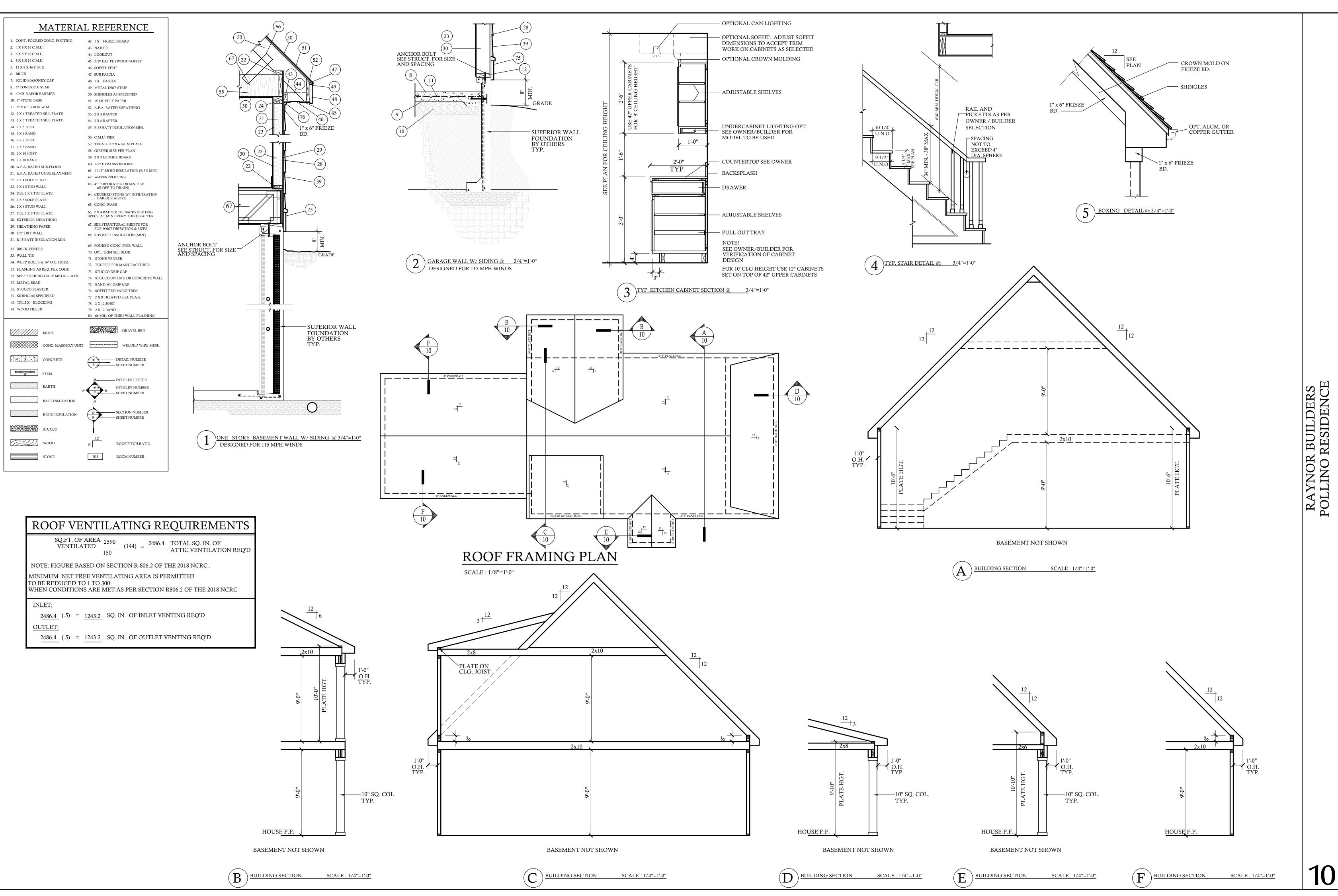
SECOND FLOOR ELECTRICAL PLAN

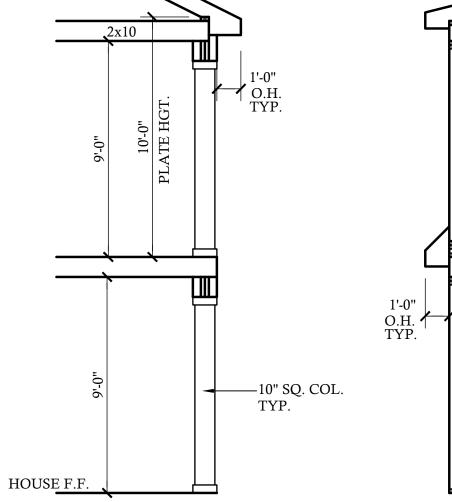


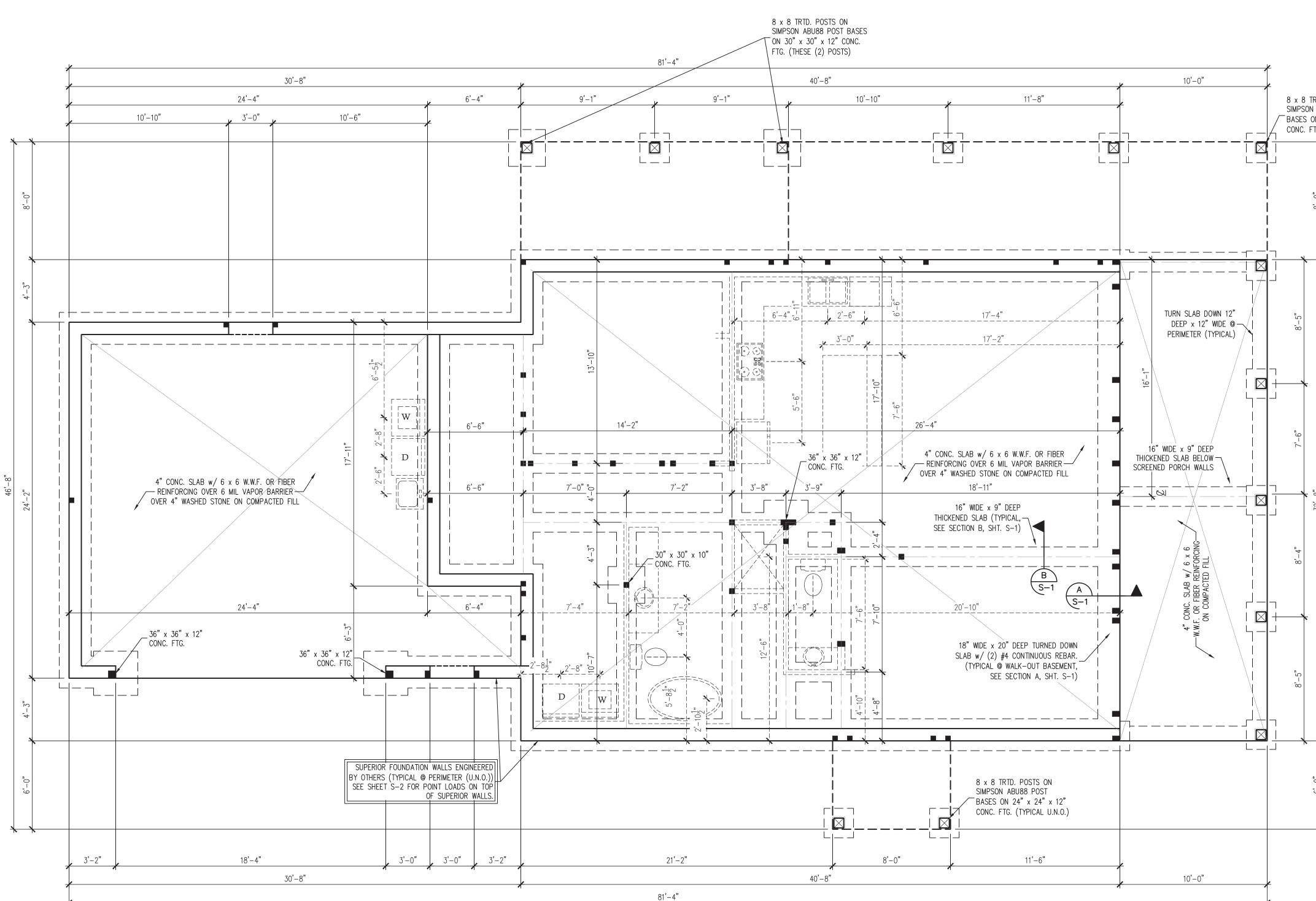
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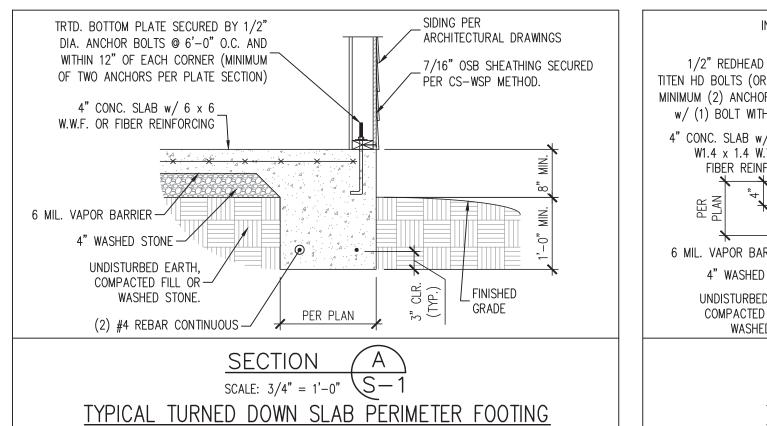


RAYNOR BUILDERS POLLINO RESIDENCE

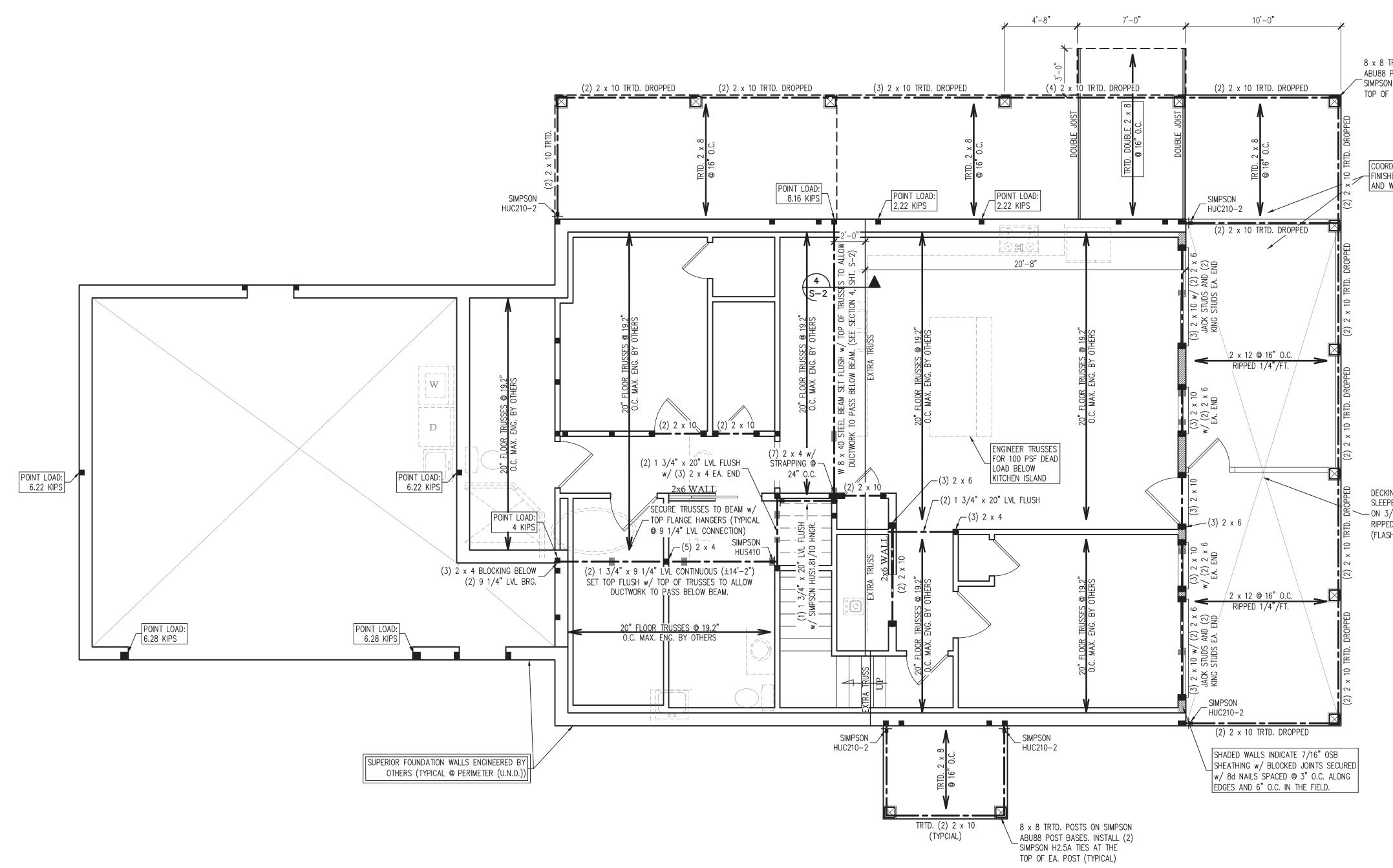


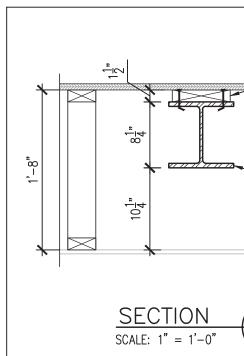






| I. ENGINEER'S SEAL DOES NOT CERTI ROOF SYSTEM. TRUSS LAYOUT I 2. ALL CONSTRUCTI CAROLINA RESID REGULATIONS. HAVE CONTROL PROCEDURES, OG THE CONSTRUCTI CAROLINA RESID REGULATIONS. HAVE CONTROL PROCEDURES, OG THE CONSTRUCTI 3. DESIGN LOADS (ROOMS OTHER T SLEEPING ROOMS ATTIC WITH LIMIT ATTIC WITHOUT S STAIRS EXTERIOR BALCO DECKS HANDRAILS PASSENCER VEH GROUND SNOW L WIND LOAD WIND LOAD F - FLOOR TRUSS 4. THE STRUCTURE 5. WALL CLADDING NEGATIVE PRESS 6. ROOF CLADDING TO 12/12 AND - 7. THE POSITIVE AN MEAN ROOF HEIC 8. FOUNDATION DES PSF. CONTACT E | R301)LIVE LOAD (PSF)DEAD (PSF)DEAD (LL)HAN SLEEPING ROOMS4010L/360S3010L/360STORAGE2010L/240STORAGE1010L/360MURES4010L/360200 LB OR 50 PLF10L/360200 LB OR 50 PLF10 | PREPARED UNDER THE SUPERVISION OF | |
|---|--|-----------------------------------|---|
| 10. FOR ALL CONCR BUILDING ENVELO REMOVED. FILL M THE FILL SHALL SLAB, AND EXCE FOR CLEAN SAN GRADED SAND C WHERE A CONCR MIXTURE SOLS O CLASSIFICATION EDITION. 11. CONCRETE SHALL CONCRETE SHALL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUCTURAL STRUC | ETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE DPE SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. BE COMPACTED TO 95% TO ASSURE UNIFORM SUPPORT OF THE PT WHERE APPROVED, THE FILL DEPTHS SHALL NOT EXCEED 24" D OR GRAVEL. A 4" THICK BASED COURSE CONSISTING OF CLEAN OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED RETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL CLASSIFIED AS GROUP 1, ACCORDING TO THE UNITED SOIL SYSTEM IN ACCORDANCE WITH TABLE R405.1 OF THE NCRC, 2018 L CONFORM TO SECTION R402.2 OF THE NCRC, 2018 EDITION. L HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI. CONCRETE EEL SHALL BE ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL IGS AND 1 1/2" IN SLABS. IMBER SHALL BE SPF #2 AND ALL TREATED LUMBER SHALL BE SYP EER LUMBER (LVL) SHALL HAVE THE FOLLOWING MIN. PROPERTIES: Fb = 285 PSI, E = 1900000 PSI. INSTALL ALL CONNECTIONS PER S SPECIFICATIONS. EEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS: T SHAPES: ASTM A36 STRUCTURAL SECTIONS (HSS): ASTM A500 GR. B HALL BEAR FULLY ON THE NUMBER OF JACK STUDS NOTED ON THE CONCRETE/MASONRY MIN. 4" (UNO). ANCHOR STEEL BEAMS AT LOWS: MASONRY: (2) 1/2" DIA. x 4" REDHEAD ANCHORS MASONRY: (2) 1/2" DIA. x 4" ITEN HD ANCHORS (OR EQUAL) NG HEADERS SHALL CONFORM TO TABLES R602.7(1) AND R602.7(2) CRC UNLESS NOTED OTHERWISE ON THE PLANS. ALL HEADERS SHALL WITH (1) JACK STUD AND (1) KING STUD EACH END (UNO). SECURE STUD EACH SIDE OF THE HEADER TO THE HEADER WITH (4) 16d TALL KING STUDS PER SECTION R602.7.5 OF THE 2018 NCRC (UNO). C) TRUSS LAYOUTS SHALL BE IN COMPLIANCE WITH THE OVERALL D ON THE PLANS. IF ALTERNATE I–JOISTS | | POLLINO RESIDENCE RAYNOR BUILDERS |
| PLANS. ALL DEV ATTENTION OF T | NVALENT STRUCTURAL PROPERTIES TO THOSE SPECIFIED ON THE NATIONS TO I-JOIST OR TRUSS LAYOUTS SHALL BE BROUGHT TO THE HE ENGINEER OF RECORD PRIOR TO CONSTRUCTION. | REVISIONS: | |
| INTERIOR LOAD BEARING WALL PER PLAN D ANCHORS OR SIMPSON DR EQUAL) @ 6'-0" O.C ORS PER PLATE SECTION THIN 12" FROM CORNERS W/ 6 x 6 W.W.F. OR NFORCING ARRIER D STONE ED EARTH, D FILL OR | SEE SHEET S-2 FOR POINT LOADS ON TOP OF SUPERIOUR FOUNDATION WALLS. (ENGINEERED BY OTHERS) Image: Stud Column on Floor Above that require solid blocking to girder or foundation. Image: Stud Column on Floor Above that require solid blocking to girder or foundation. Image: This line type indicates plumbing or Appliances the slab level. (for reference only see Appliances) | ENGINEE SCALE: | BY: DEISGN TECH RED BY: J. SMITH 1/4" = 1'-0" (UNO) 4-10-2024 1 OF: 6 |
| SECTION SCALE: 3/4" = 1'-0" S-1 TYPICAL THICKENED SLAB | ONLY, SEE ARCHITECTURAL DRAWINGS) | FO | S-1 BASEMENT UNDATION PLAN |





8 x 8 TRTD. POSTS ON SIMPSON ABU88 POST BASES. INSTALL (2) SIMPSON H2.5A TIES AT THE TOP OF EA. POST (TYPICAL)

COORDINATE JOIST HEIGHT TO MATCH FINISHED DECKING BETWEEN OPEN DECK AND WATERPROOFED DECK AREA.

DECKING PER BUILDER ON RIPPED TRTD. SLEEPERS ON WATERPROOFING MEMBRANE -ON 3/4" SUBFLOOR ON 2 x 12 JOISTS RIPPED 1/4"/FT. TO EXTERIOR. (TYPICAL) (FLASHING AND WATERPROOFING PER BUILDER.)

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NCRC
- PER SECTION R602.10.4.6 OF THE 2018 NCRC, THE
- AMOUNT OF BRACING ON THE WALK OUT BASEMENT WALLS
- EXCEEDS THE AMOUNT OF BRACING ON THE WALL ABOVE

- MULTIPLIED BY A FACTOR OF 1.15.

CS-WSP REFERS TO THE "CONTINUOUS SHEATHING -WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.113" DIA.) NAILS SPACED 6" O.C. ALONG PANEL EDGES

AND 12" O.C. IN THE FIELD (UNO).

BASEMENT CEILING FRAMING STRUCTURAL NOTES:

WALLS OR (3) 2 x 10 FOR 2 x 6 WALLS (UNO).

JACK STUD AND (1) KING STUD EA. END (UNO.)

FLOOR TRUSSES WHERE NOTED ON THE PLANS.

WALL INFORMATION.

LUMBER TO BE SYP #2 (UNO.)

0.C. OR 2 x 6 @ 16" O.C. (UNO).

STRUCTURAL INFORMATION.

SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED

. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED

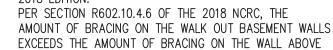
2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 FOR 2 x 4

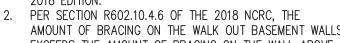
3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/(1)

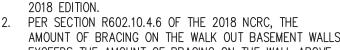
4. INSTALL AN EXTRÀ TRUSS UNDER WALLS PARALLEL TO THE

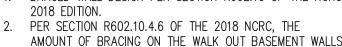
5. ALL LOAD BEARING INTERIOR WALLS SHALL BE 2 x 4 @ 12"

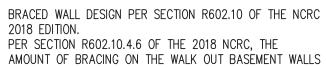
6. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL

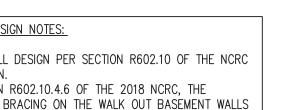


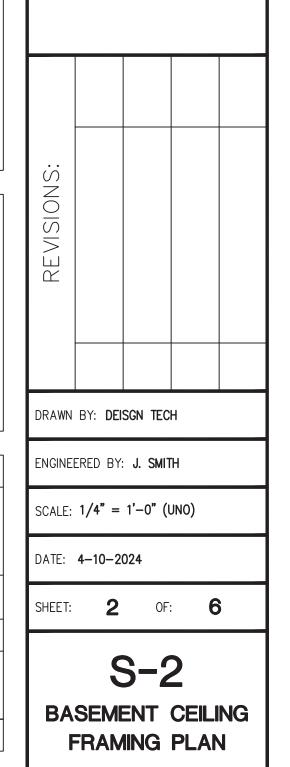












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RESIDENCE BUILDERS

POLLINO RAYNOR

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2x8 NAILER SECURED TO TOP FLANGE w/ CONSTRUCTION ADHESIVE AND (2) ROWS OF 16d NAILS @ 48" O.C. CLINCHED

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- 20" FLOOR TRUSSES PER PLAN

W 8 x 40 STEEL BEAM W/ TOP __OF NAILER SET FLUSH W/ TOP OF TRUSSES TO ALLOW DUCTWORK TO PASS BELOW BEAM.

- STUD COLUMN AT POINT LOADS THAT REQUIRE KING STUD (UNO).
- OFFSET POINT LOAD FROM FLOOR ABOVE. MUST BE SUPPORTED BY BEAM, JOIST, OR BLOCKING AS NOTED ON THE PLANS. THIS LINE TYPE INDICATES PLUMBING OR APPLIANCES ON THE FLOOR ABOVE TO HELP

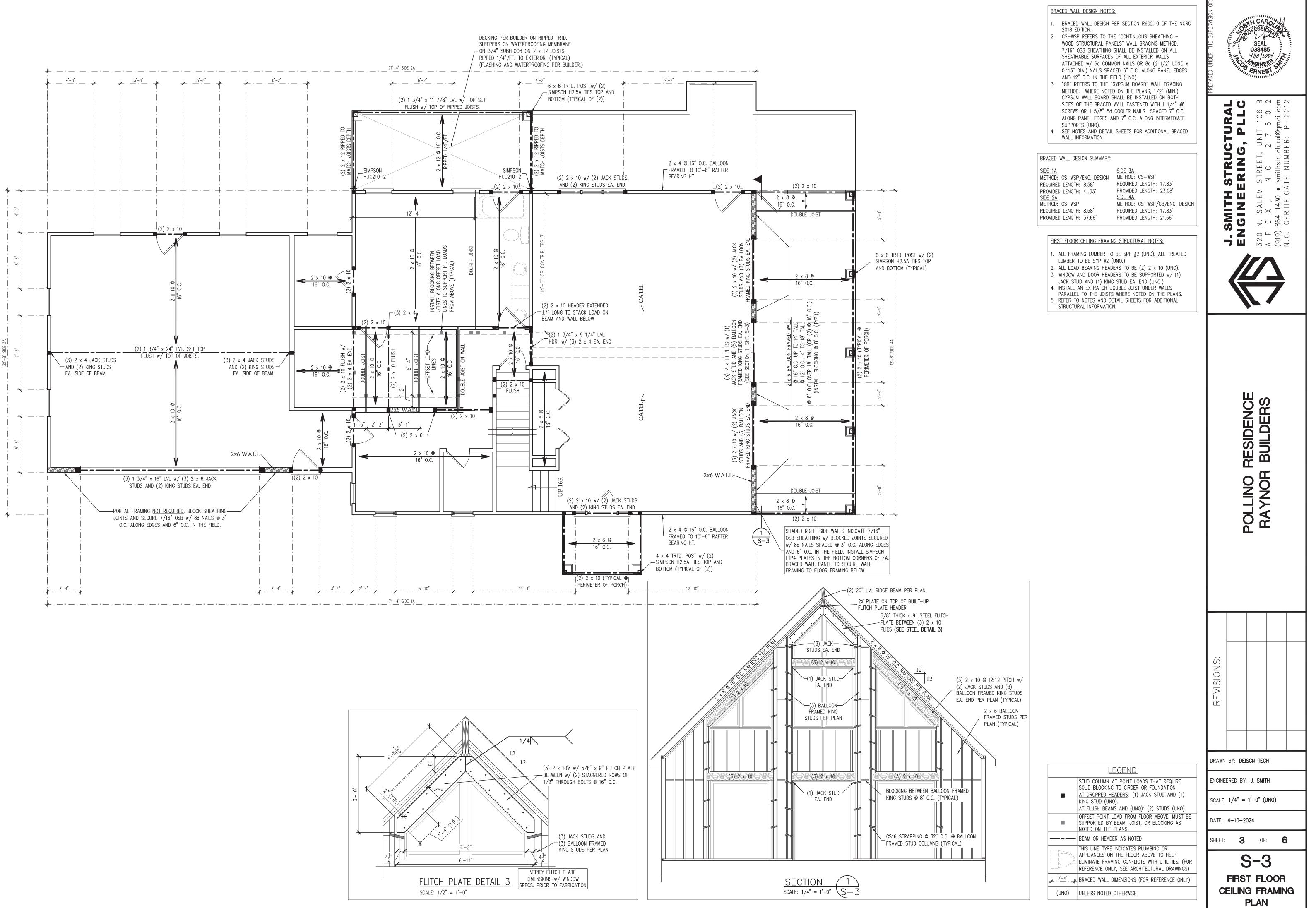
SOLID BLOCKING TO GIRDER OR FOUNDATION. ■ <u>AT DROPPED HEADERS</u>: (1) JACK STUD AND (1) AT FLUSH BEAMS AND (UNO): (2) STUDS (UNO)

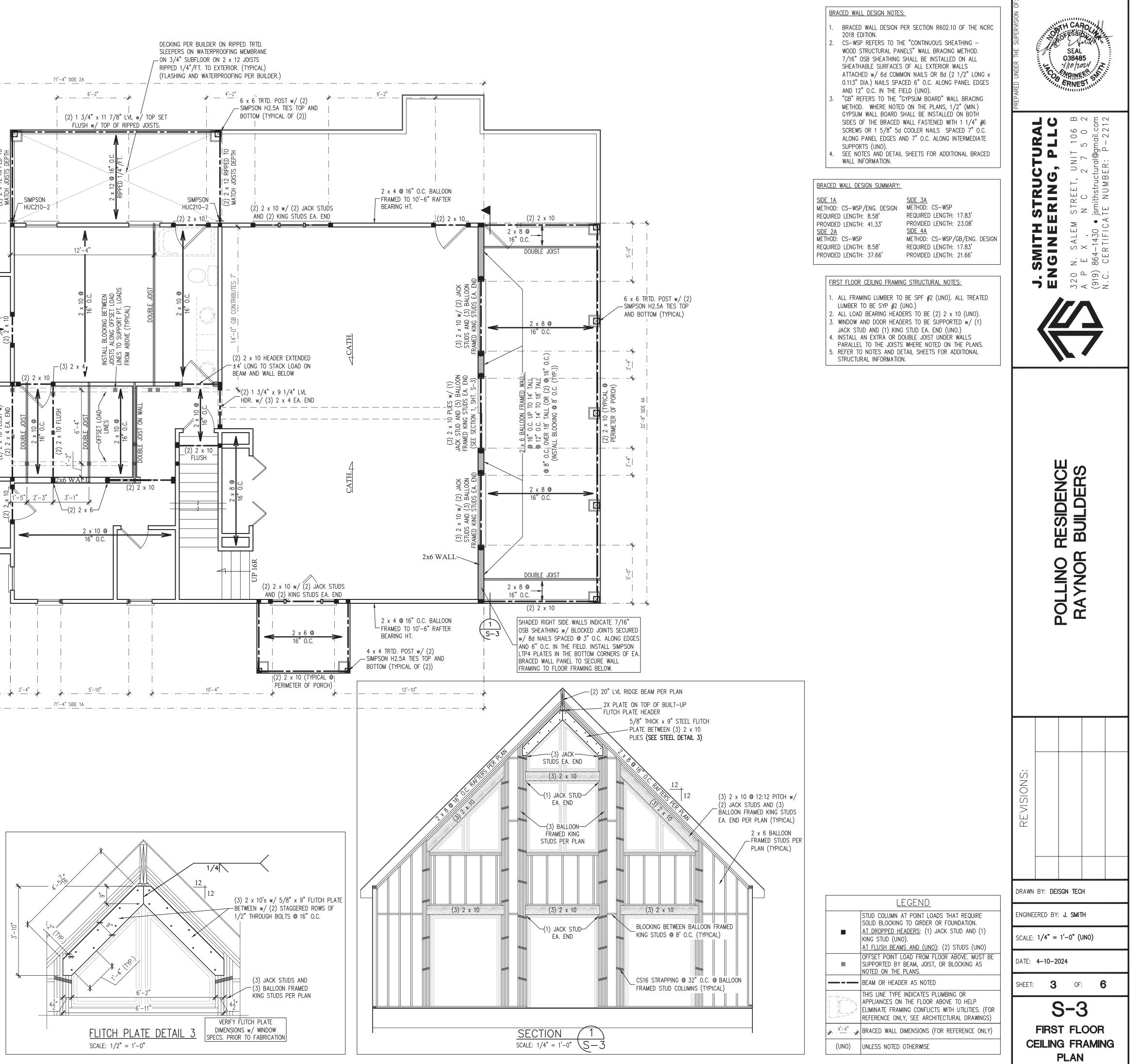
> ELIMINATE FRAMING CONFLICTS WITH UTILITIES. (FOR REFERENCE ONLY, SEE ARCHITECTURAL DRAWINGS)

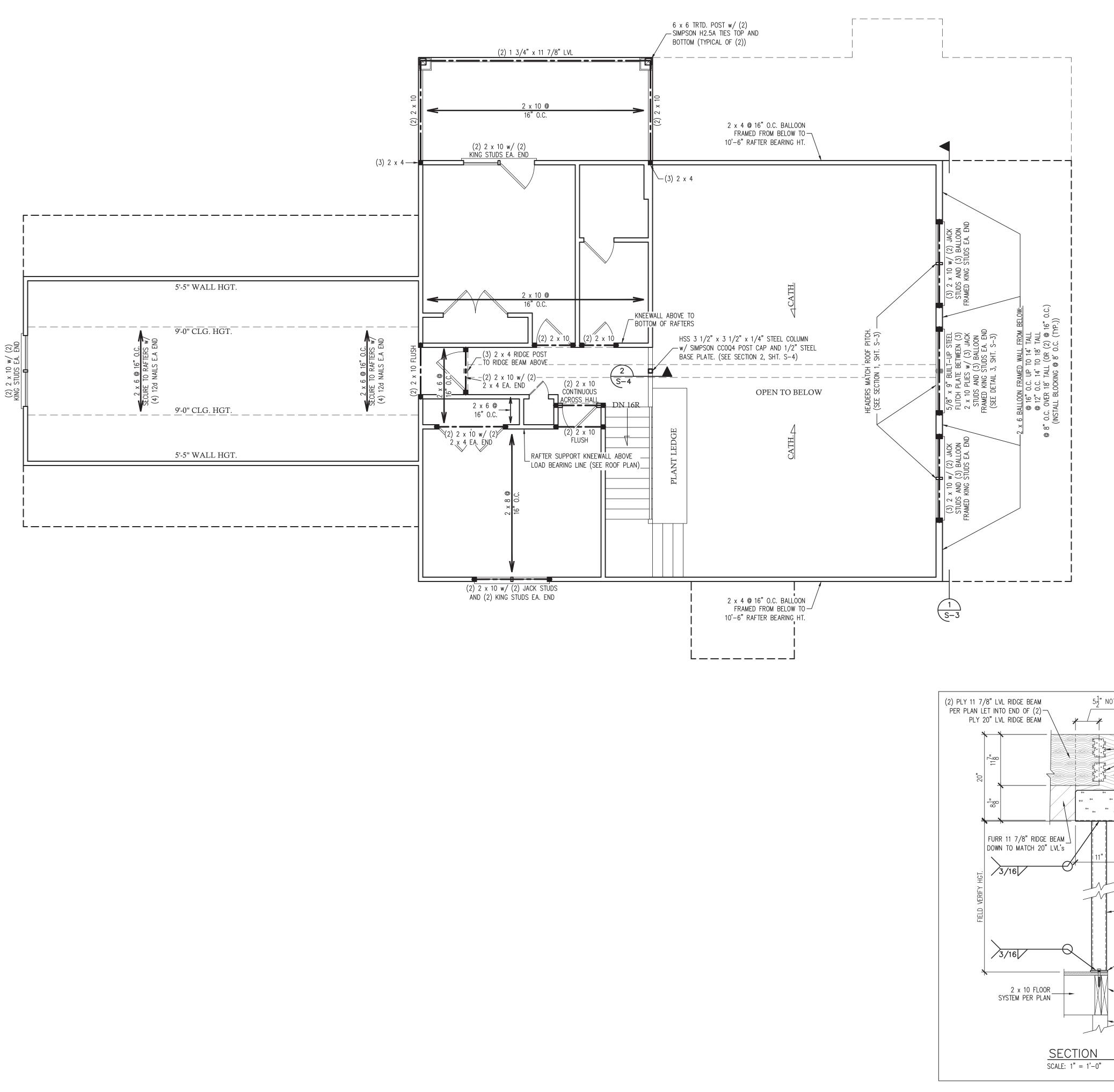
<u>LEGEND</u>

(UNO) UNLESS NOTED OTHERWISE

BEAM OR HEADER AS NOTED







BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.10 OF THE NCRC 2018 EDITION. PER SECTION R602.10.3.2 OF THE 2018 NCRC, THE AMOUNT OF BRACING ON THE SECOND FLOOR EXCEEDS
- THE AMOUNT REQUIRED FOR THE FIRST FLOOR AND NO BRACED WALL ANALYSIS IS REQUIRED. CS-WSP REFERS TO THE "CONTINUOUS SHEATHING -
- WOOD STRUCTURAL PANELS" WALL BRACING METHOD. 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.113" DIA.) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO).
- SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

SECOND FLOOR CEILING FRAMING STRUCTURAL NOTES:

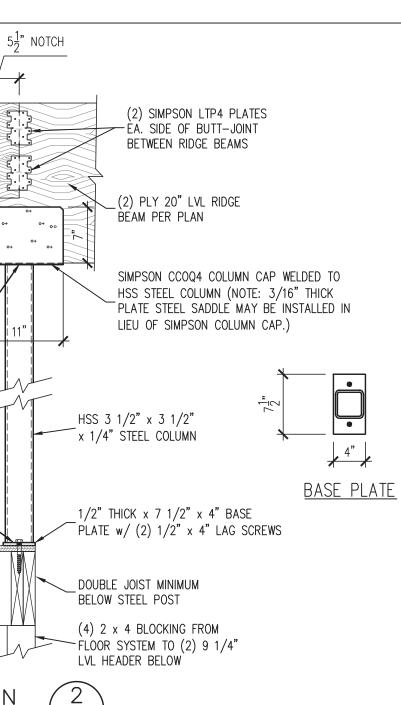
- 1. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED
- LUMBER TO BE SYP #2 (UNO.) 2. ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (UNO).
- 3. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/(1)JACK STUD AND (1) KING STUD EA. END (UNO.) 4. INSTALL BLOCKING BETWEEN ALL BALLOON FRAMED STUDS @
- 8'0.C. MAX. 5. INSTALL 2 x 4 COLLAR TIES @ 48" O.C. MAX. IN ALL ATTIC
- SPACES. 6. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.
- Z STRUCT ERING, $\supset \sim$ Эш istruc† UMB , H REE C C NUN L N N TE TE -1430 • TIFICA \geq шĘ SMIT \triangleleft S × `I ₽ N. E 864-", Z 320 A P (919) N.C. ЭШ **RESIDENCE BUILDERS**

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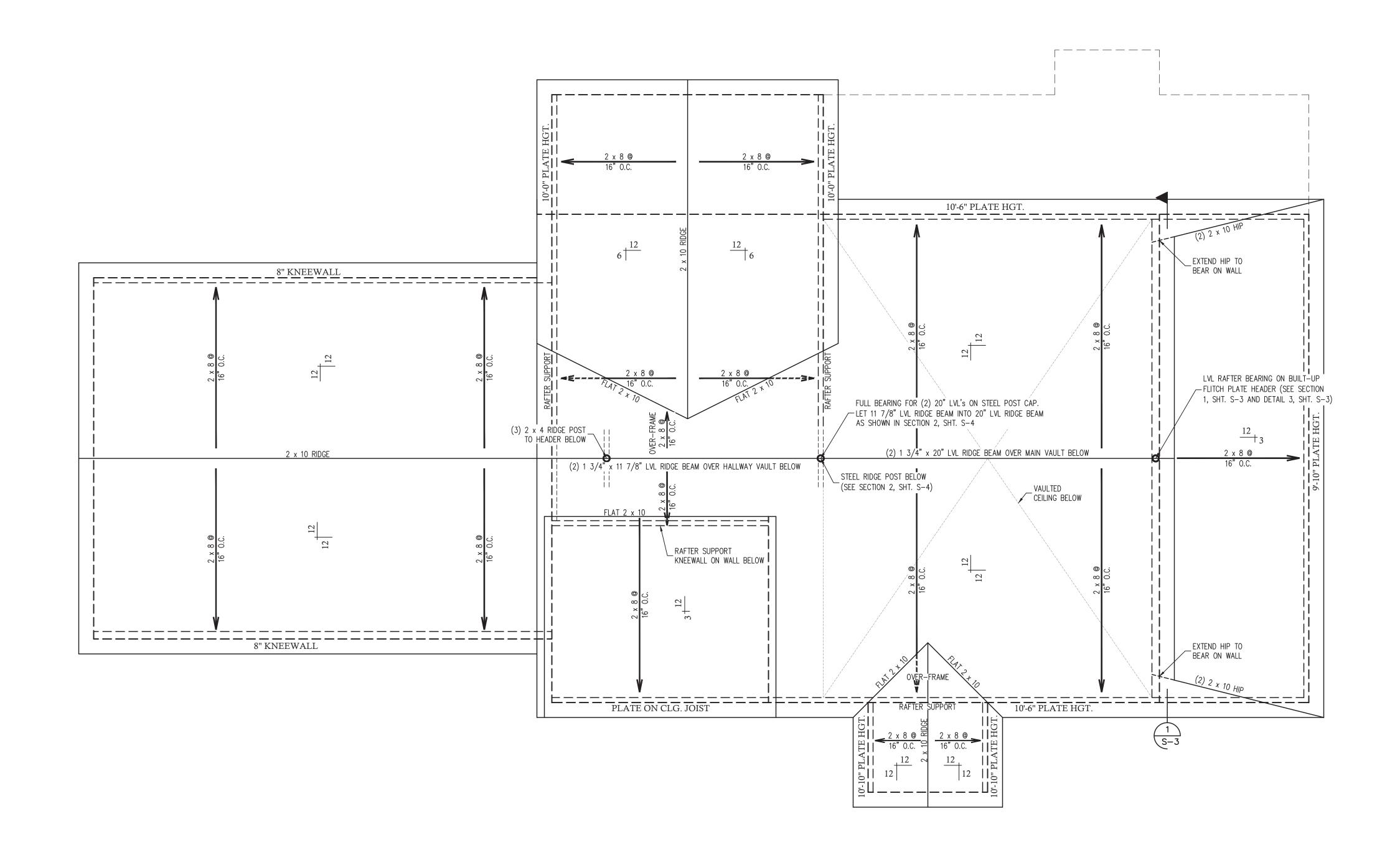
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 $\sqrt{S-4}$

| | LEGEND |
|-------|--|
| • | STUD COLUMN AT POINT LOADS THAT REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. <u>AT DROPPED HEADERS</u> : (1) JACK STUD AND (1) KING STUD (UNO). <u>AT FLUSH BEAMS AND (UNO)</u> : (2) STUDS (UNO) |
| | BEAM OR HEADER AS NOTED |
| (UNO) | UNLESS NOTED OTHERWISE |
| | |

| | POLLINO RAYNOR |
|--|-----------------------|
| REVISIONS: | |
| DRAWN BY: DEISGN TECH | |
| ENGINEERED BY: J. SMITH | |
| SCALE: 1/4" = 1'-0" (UNO) | |
| DATE: 4–10–2024 | |
| SHEET: | 4 OF: 6 |
| S-4 SECOND FLOOR CEILING FRAMING PLAN | |



ROOF FRAMING STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE #2 SPF (UNO).
 SHEATH ROOF w/ 7/16" OSB SHEATHING SECURED w/ 8d NAILS @ 6" O.C. ALONG EDGES AND 12" O.C. IN THE FIELD.
- CIRCLES DENOTE POSTS FOR ROOF SUPPORT AS NOTED.
 STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS.
- 5. HIP SPLICES ARE TO BE SPACED 8'-0" O.C. MINIMUM. FASTEN MEMBERS WITH (3) ROWS OF 12d NAILS @ 16" O.C.
 6. FASTEN FLAT VALLEYS TO RAFTERS WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING IF REQUIRED. SECURE RAFTERS TO FLAT VALLEYS WITH A MIN. OF (6) 12d TOE NAILS.
- INSTALL (1) SIMPSON H2.5A HURRICANE TIE (OR EQUAL) @ EA. RAFTER BEARING.
 REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.
- JJ O D L URAI 0 0 0 S C 5] БΩ \vdash Z ERING, $\supset \sim$ Эш istruc† UMB , L ш RE C NU N N N TE N ST TE N , ,
 , 1430 •
 , TIFICA \geq ΞШ لىنا L SMIT S × `I ₽ <u></u>т 1 С В 6. С В 6. 320 A P (919) N.C. ЭШ RESIDENCE BUILDERS POLLINO RAYNOR REVISIONS DRAWN BY: DEISGN TECH ENGINEERED BY: J. SMITH SCALE: 1/4" = 1'-0" (UNO) DATE: **4–10–2024** SHEET: **5** OF: **6** S-5 ROOF FRAMING PLAN

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