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

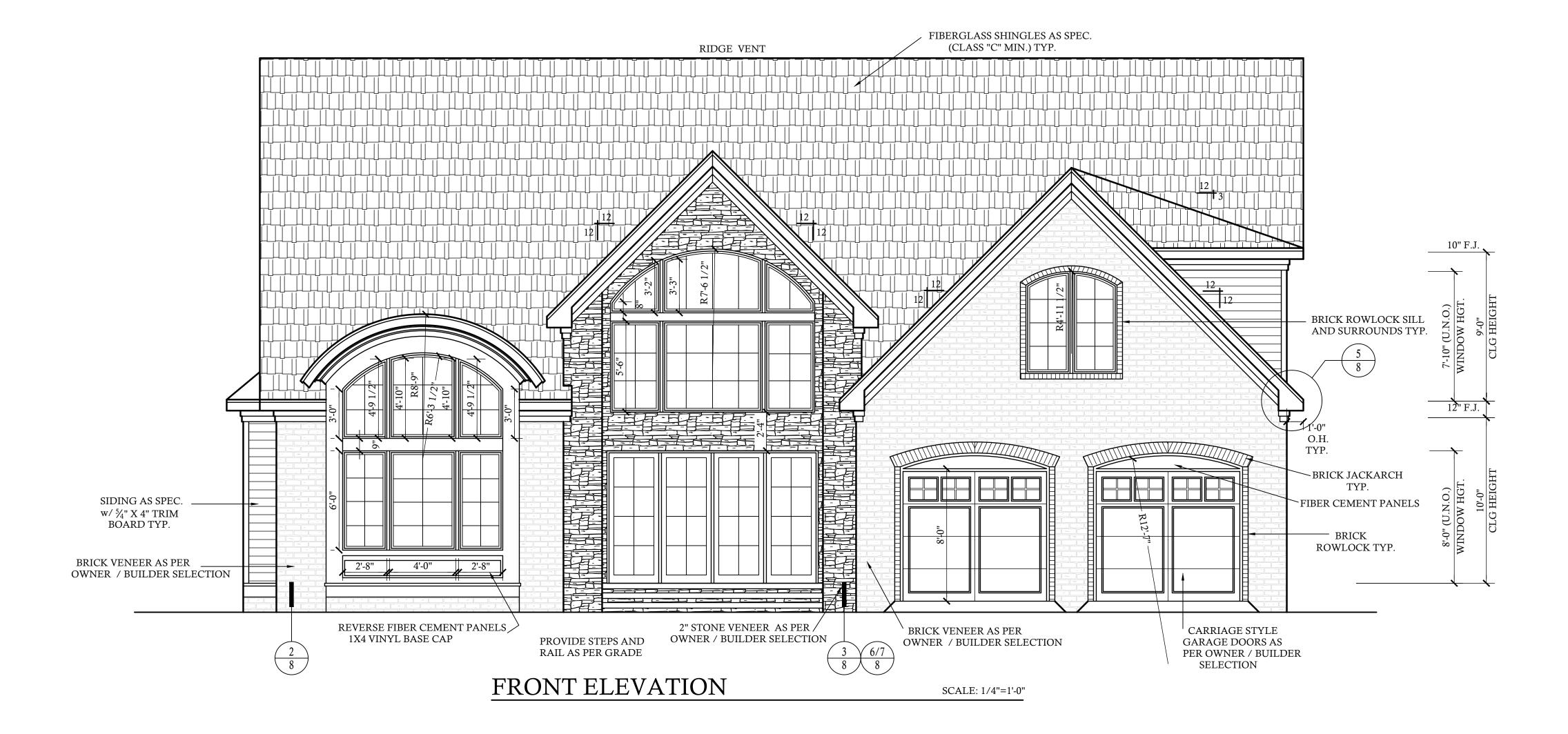
MEAN ROOF HEIGHT = < 30'-0"

COMPONENT	& CLADDING	DESIGNED FOR	THE FOLLOW	ING 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:

MAX GLAZING U-FACTOR = 0.35

CEILING R-38 WALLS R-15 FLOORS R-19



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

M.O.: MASONRY OPENING TYP.: TYPICAL 5S= 5 SHELVES 1R/1S = 1 ROD AND 1 SHELF 2R/2S = 2 RODS AND 2 SHELVES

SD= SMOKE DETECTOR CMD= CARBON MONOXIDE DETECTOR

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 REQUIRED LOCATIONS ACCORDING TO 2018 NCRC SECTION R308.4.

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

OTHERWISE.

DETAILS WITH CHOSEN MANUFACTURE.

3.) DWELLING/GARAGE FIRE SEPARATION SHALL 7.) LOCATE DORMER FACE TO ALLOW 6" MIN. BELOW WINDOW FRAME.

> 8.) FLOOR PLAN NOTATIONS GOVERN OVER ELEVATION SCALE.

5.) ALL ANGLED WALLS ARE 45° UNLESS NOTED 9.) ALL CABINET DESIGNS/LAYOUTS TO BE 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

ACCESSORIES LEGEND

PROVIDE BLOCKING FOR: TB = TOWEL BARMR = MAGAZINE RACK TP = TOILET PAPERMC = MEDICINE CABINET TR = TOWEL RINGNOTE:

SELECTION BY OWNER PER BUILDER CONTRACT SPECIFICATIONS

-SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.

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

AREA CALCULATIONS					
HEATED (SQ. I	FT.)	UNHEATED (SQ. FT.)			
1ST FLOOR: 2ND FLOOR: REC ROOM: ATTIC: TOTAL: (HEATED)	2547 797 200 N/A 3544	GARAGE: COV. PORCH: ENTRY PORCH: DECK: BRICK FRONT: TOTAL: (UNHEATED)	139		
OVERALL DIM WIDTH: DEPTH:	ENSION 64'-0" 75'-0"	UNFINISHED (SO STORAGE:	Q. FT.) 258		

NOTE: PLANS DESIGNED UNDER 2018 NORTH CAROLINA

REVISIONS:

DATE: NAME:

DRAWN BY:

CHECKED BY:

DATE: 3-25-25

PLAN NO.

15-3544-DT

RESIDENTIAL CODE.

SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.

WITH FINAL GRADING PLAN.

GRADE LINES ARE ASSUMED. VERIFY

DRAWN BY: CHECKED BY: DATE: 3-25-25

DATE: NAME:

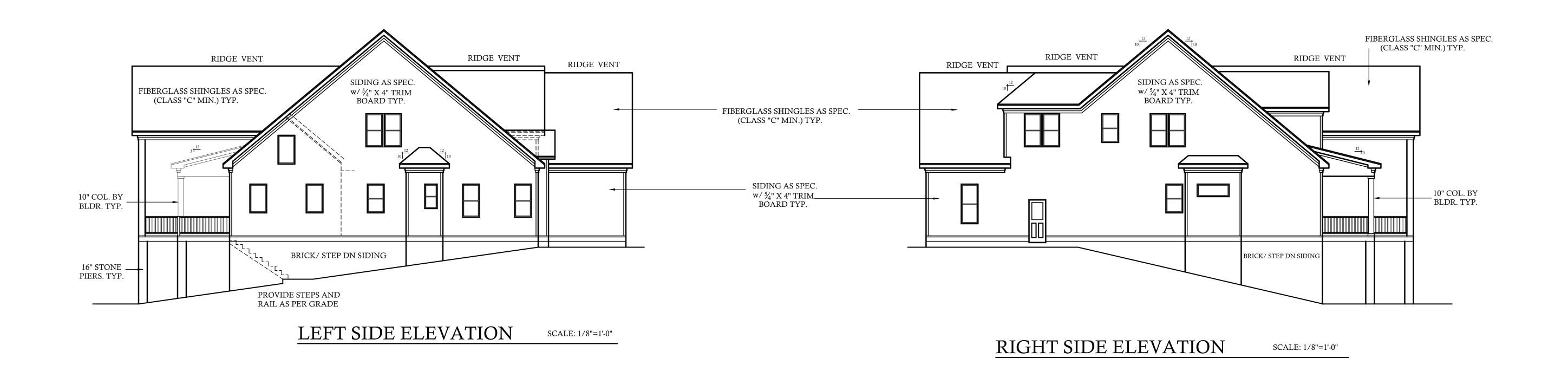
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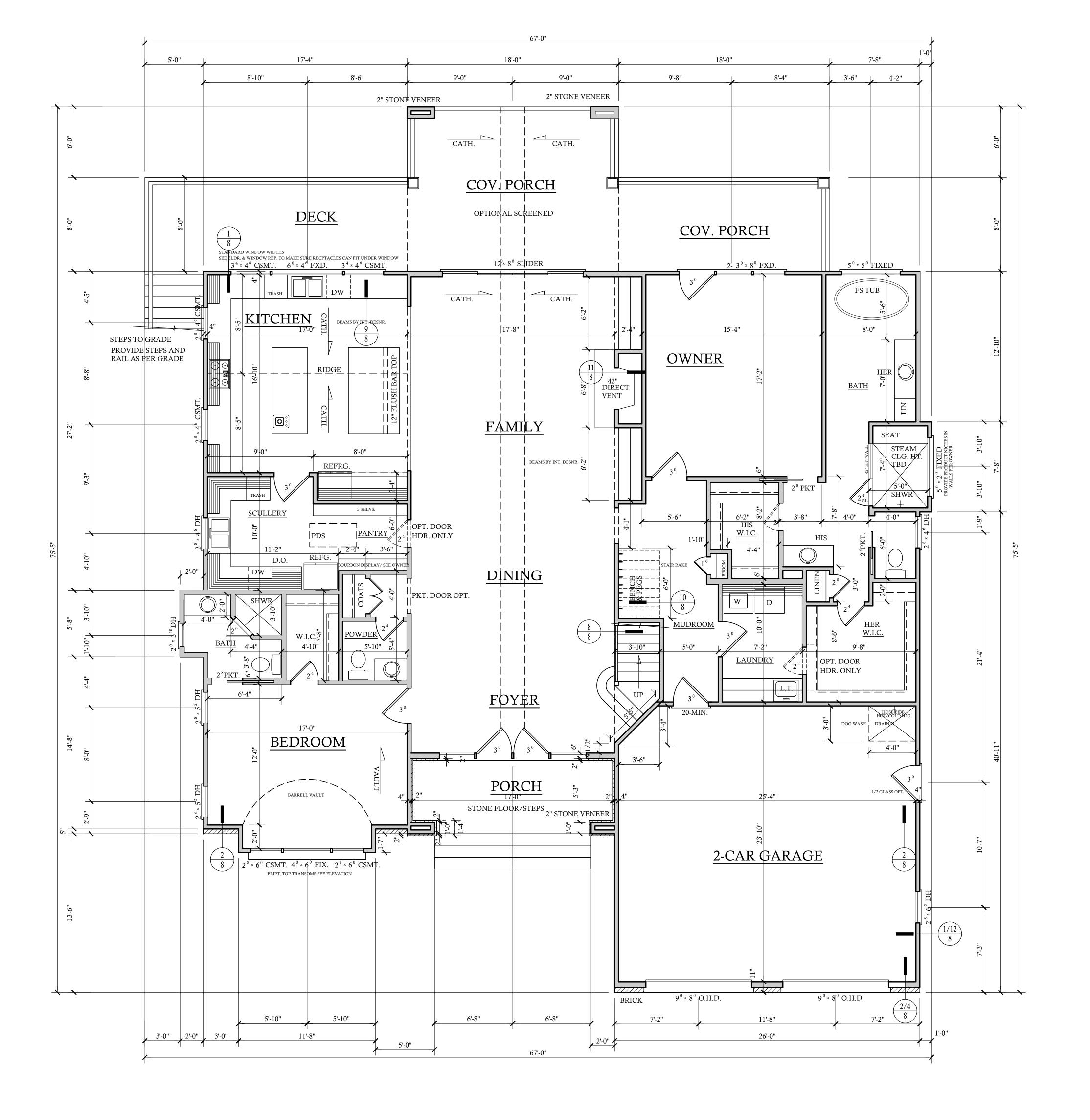
PLAN NO. 15-3544-DT

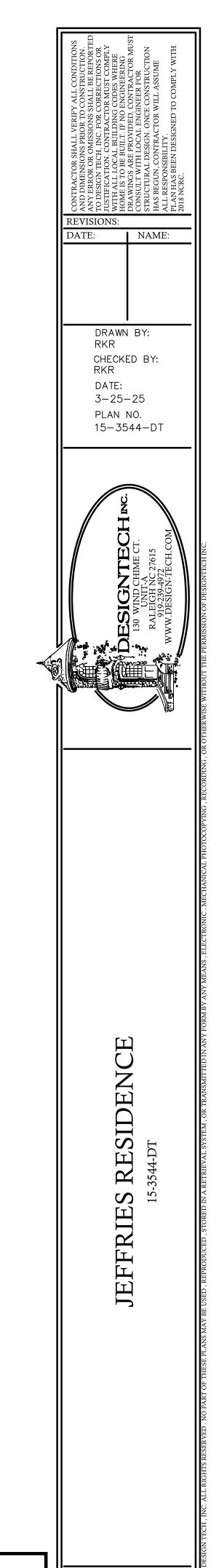


JEFFRIES RESIDENCE





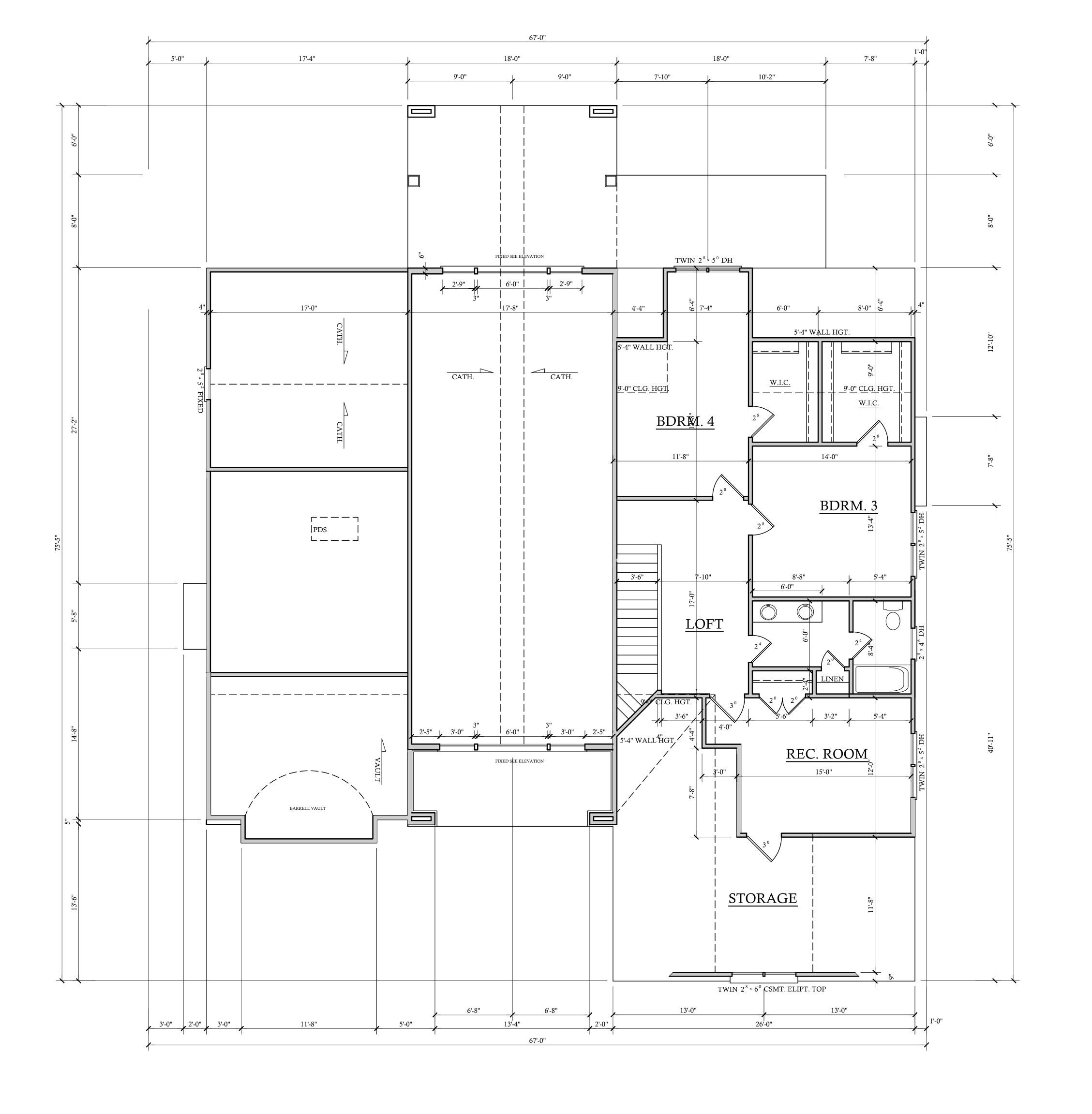




FIRST FLOOR PLAN

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

10'-0" CLG. HGT. U.N.O. SET WINDOWS @ 8'-0" U.N.O. A D SHEET OF

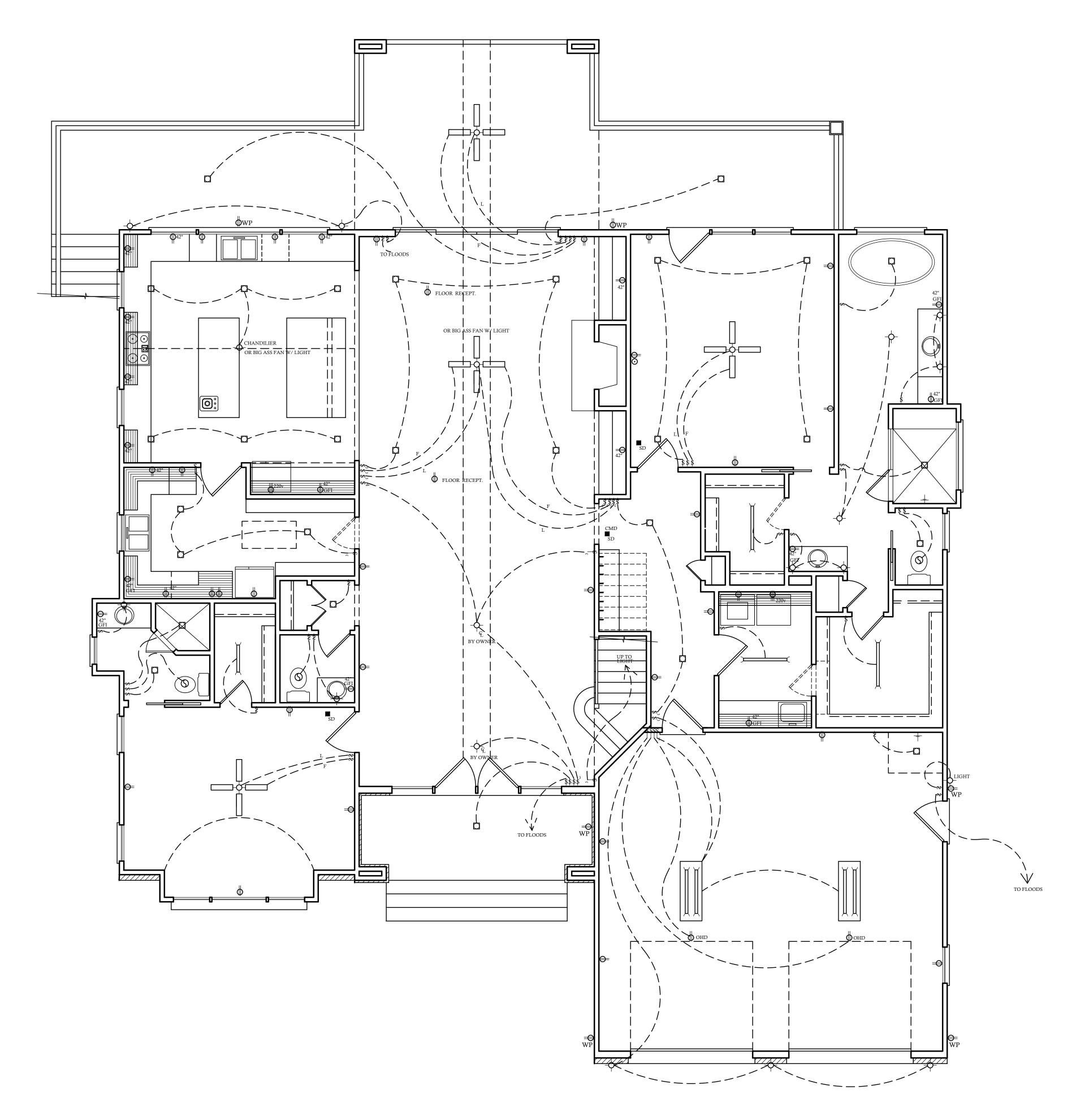


DRAWN BY: RKR CHECKED BY: DATE: 3-25-25 PLAN NO. 15-3544-DT

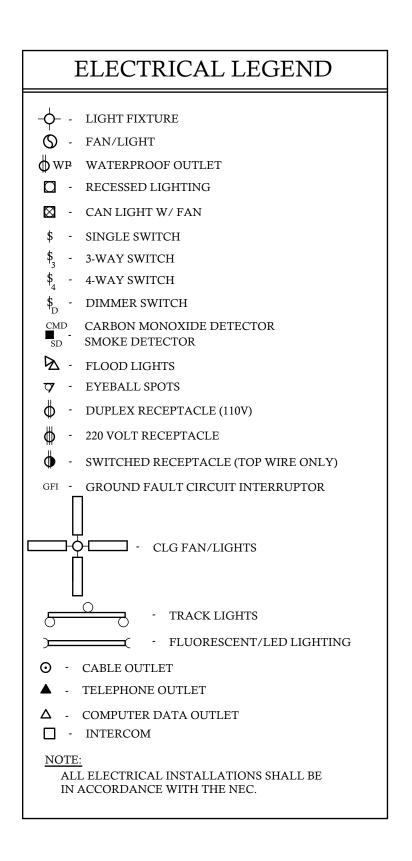
SECOND FLOOR PLAN
9'-0" CLG. HGT. U.N.O.
SET WINDOWS @ 7'-8" U.N.O.

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

A D SHEET N

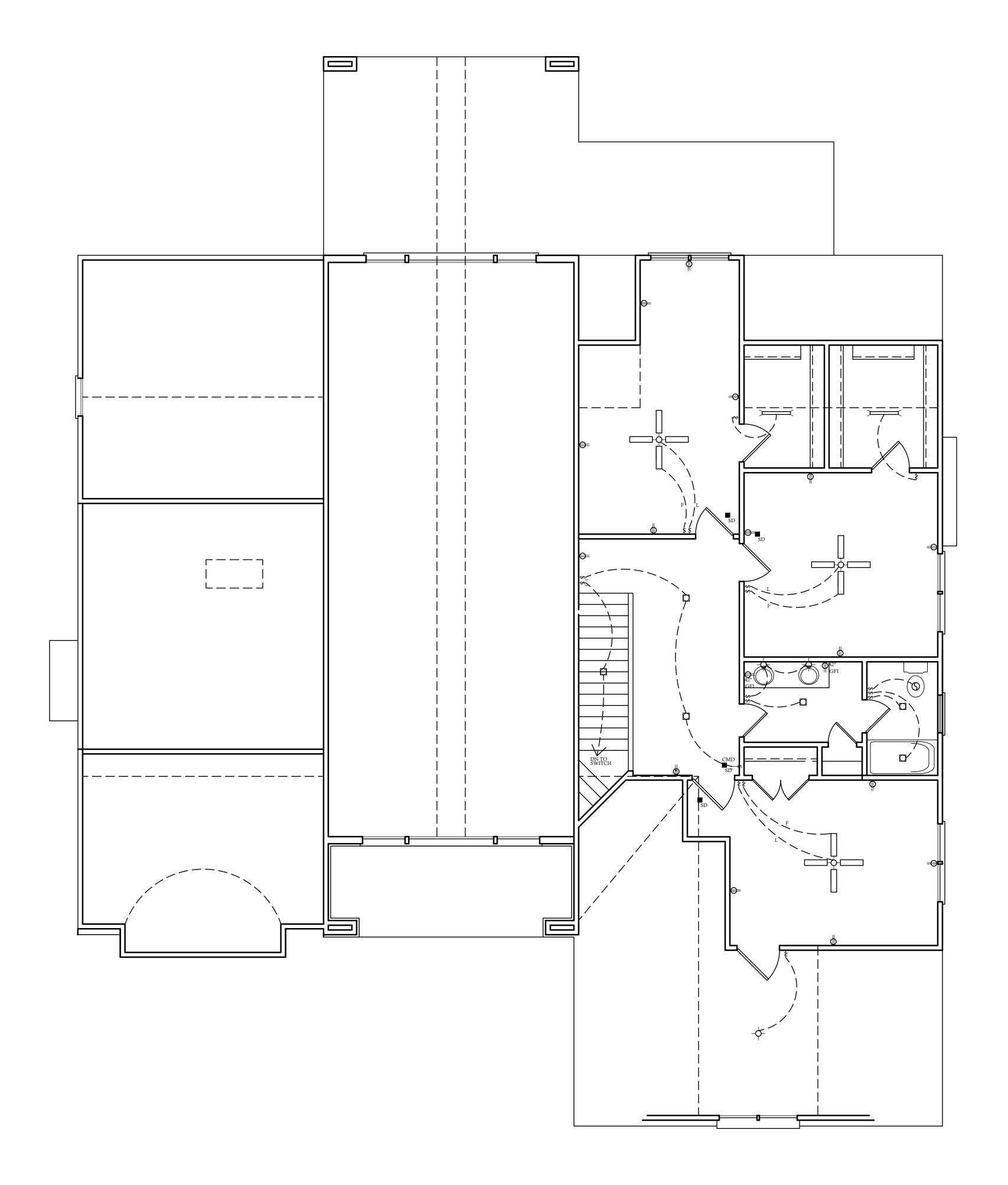


FIRST FLOOR ELECTRICAL PLAN

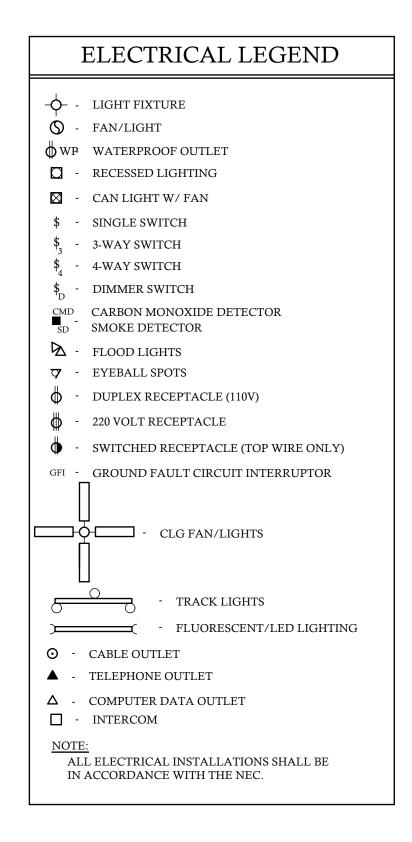


ELECTRICAL NOTES:

- 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, NOT DESIGN TECH, INCORPORATED.
- 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.
- 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.
- 7. 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.
- 9. 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.

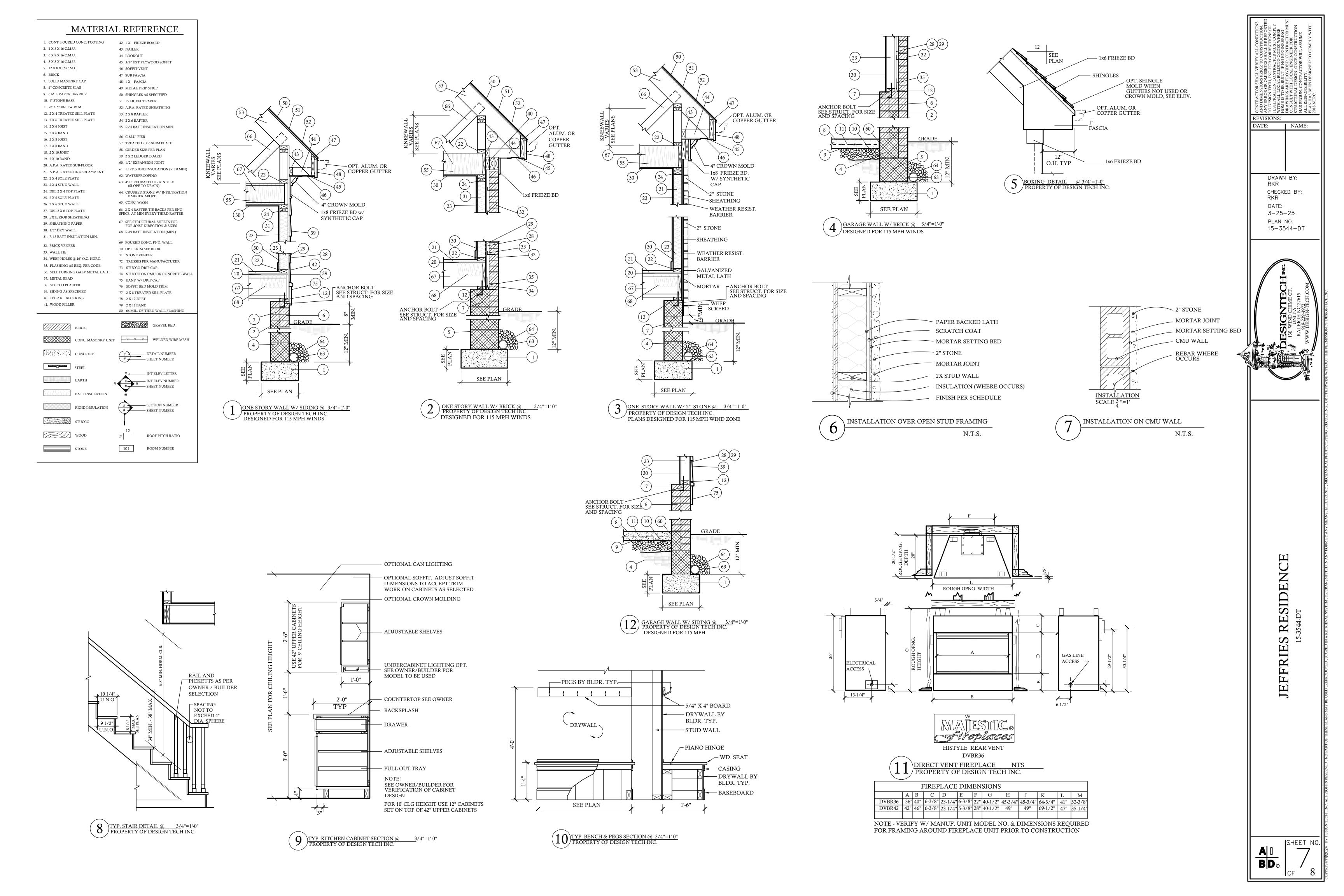


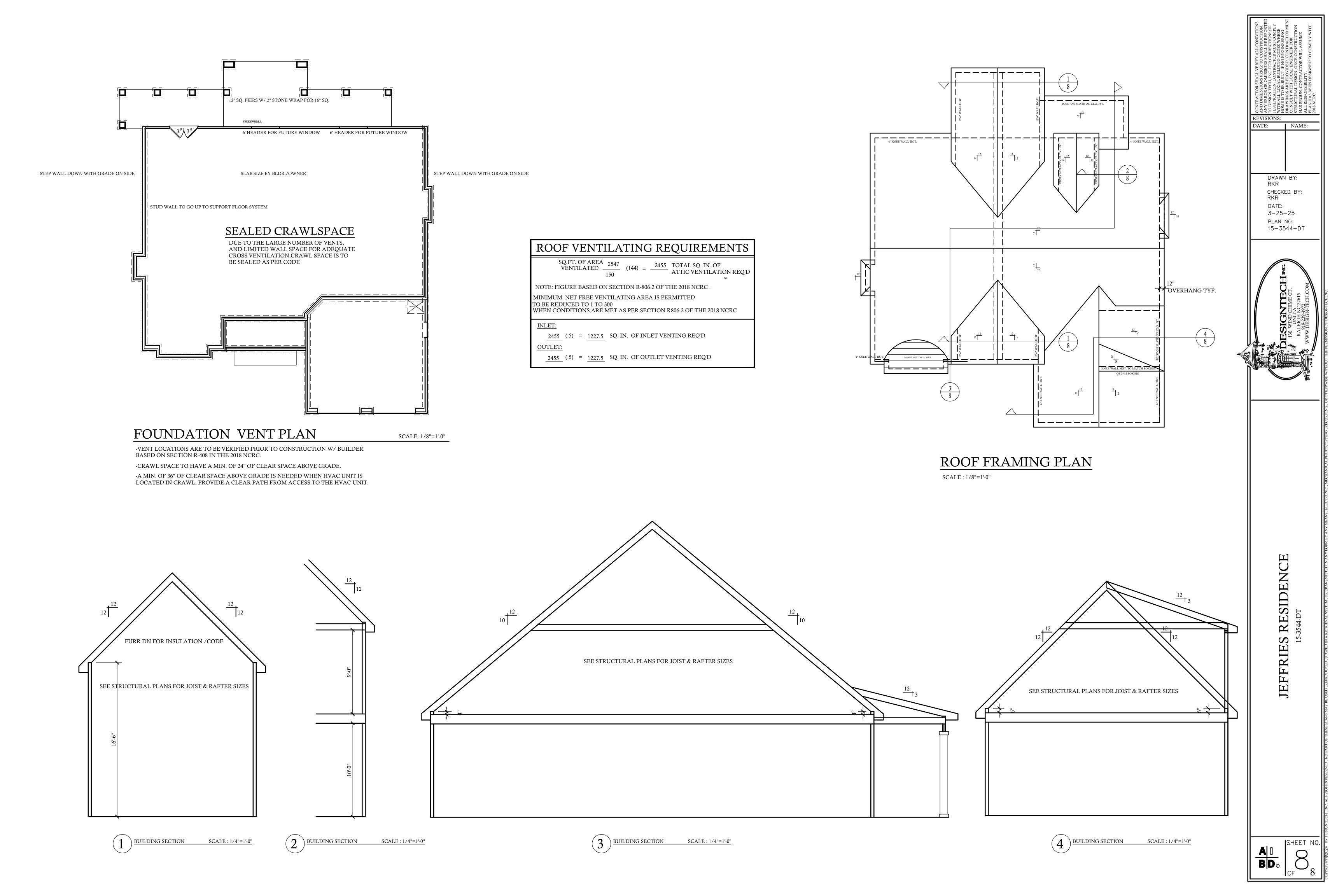
SECOND FLOOR ELECTRICAL PLAN

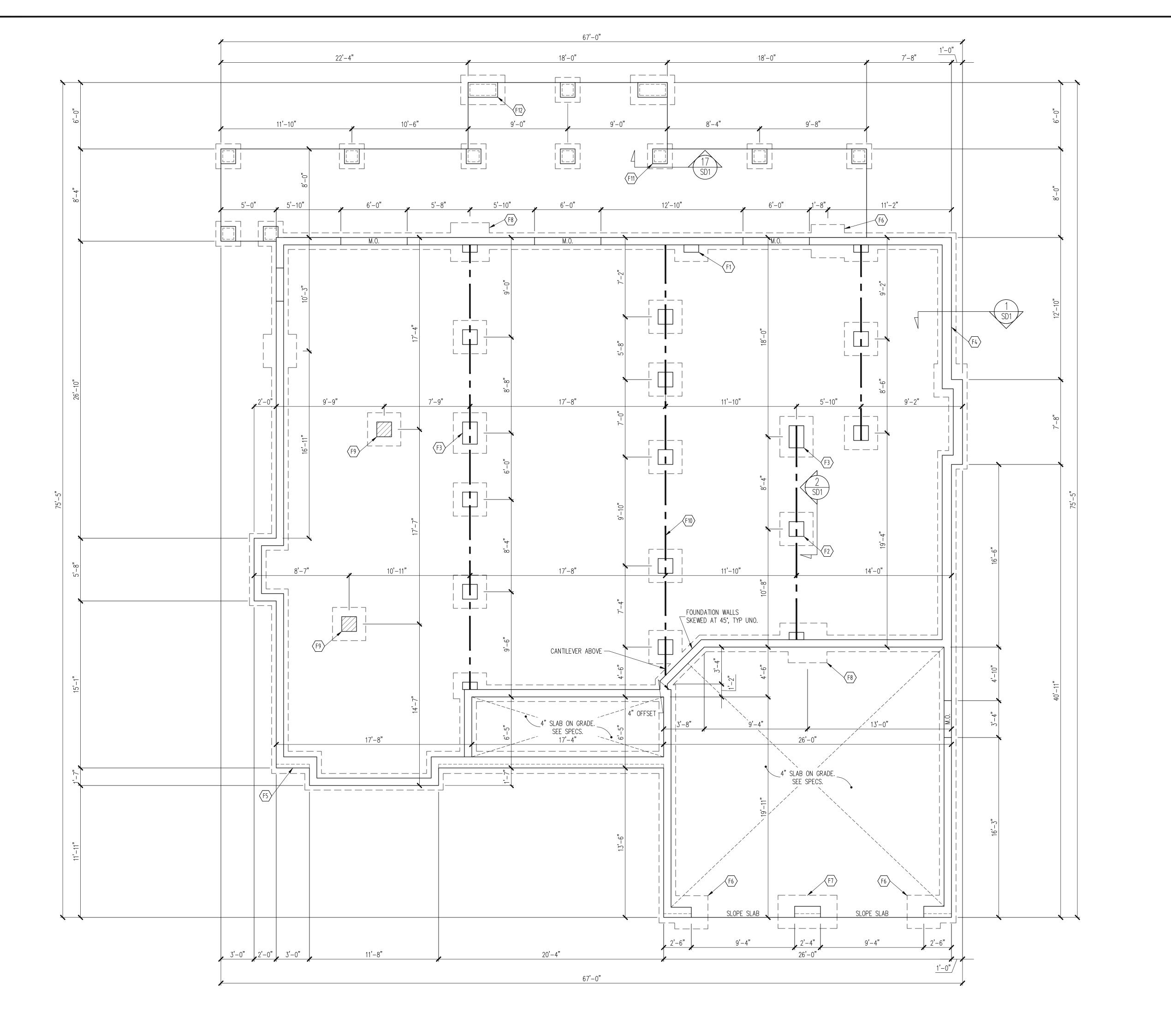


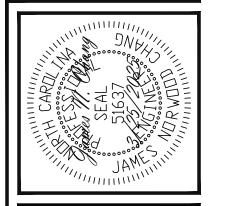
ELECTRICAL NOTES:

- 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, NOT DESIGN TECH, INCORPORATED.
- 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.
- 7. 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.
- 9. 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.









CONSTRUCTION SPECIFICATIONS INSTANT REFERENCES

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: CURRENT GOVERNING CODE

PART 14: <u>STUD SUPPORT FOR BEAMS</u>

PART 16.02: GENERAL WALL BRACING NOTES

PART 17: KING STUDS FOR EXTERIOR

SEE DETAIL / CONSTRUCTION SPECIFICATIONS SHEETS FOR I-JOISTS ALLOWABLE SUBSTITUTIONS

FOUNDATION SCHEDULE

F1 8" X 16" CMU PILASTER, PROJECT FOOTING 8" X 8" THICK, TYP UNO.

F2 16" SQ. MASONRY PIER ON A 36" SQ. X 10" THICK CONC FTG TYP UNO.

F3 16" X 24" MASONRY PIER ON A 36" X

- 44" X 10" THICK CONC FTG.
- F4 8" THICK MASONRY FND WALL ON A 18" X 8" THICK CONT POUR CONC FTG TYP UNO
- F5 12" THICK MASONRY FND WALL ON A 24" X 8" THICK CONT POUR CONC FTG, TYP @ FOUNDATION WALLS W/ BRICK VENEER ABOVE FLOOR LEVEL.
- F6 ENLARGE FOOTING TO 36" SQ. X 12" THICK. SOLID MASONRY ABOVE.
- F7 COMMON FOOTING 36" X 64" X 12" THICK. SOLID MASONRY ABOVE
- F8 ENLARGE FOOTING TO 42" SQ. X 12" THICK. SOLID MASONRY ABOVE.
- F9 FLUSH PIER SET @ FND HGT
- F10 DROPPED GIRDER: (3) 1.75" X 9.25" LVL, TYP UNO.
- F11 12" SQ MASONRY PIER W/ 2" STONE WRAP ON A 30" SQ. X 10" THK CONC FTG @ DECK, TYP UNO.
- F12 24" X 12" MASONRY PIER 2" STONE WRAP ON 46" X 30" X 12" THICK CONC FTG, TYP @ REAR PORCH.

-HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION. -BUILDER TO FIELD LOCATE CRAWLSPACE ACCESS OPENING WITH MINIMUM DIMENSIONS OF 18X24. DO NOT LOCATE ACCESS OPENING BELOW POINT LOADS FROM ABOVE WITHOUT ENGINEER APPROVAL.

FOUNDATION PLAN

of 7

ENG:

JNC

DATE: 3/25/2025

PROJECT NO.

25-15-002

SHEET NO.

DESIGN TECH, INC.

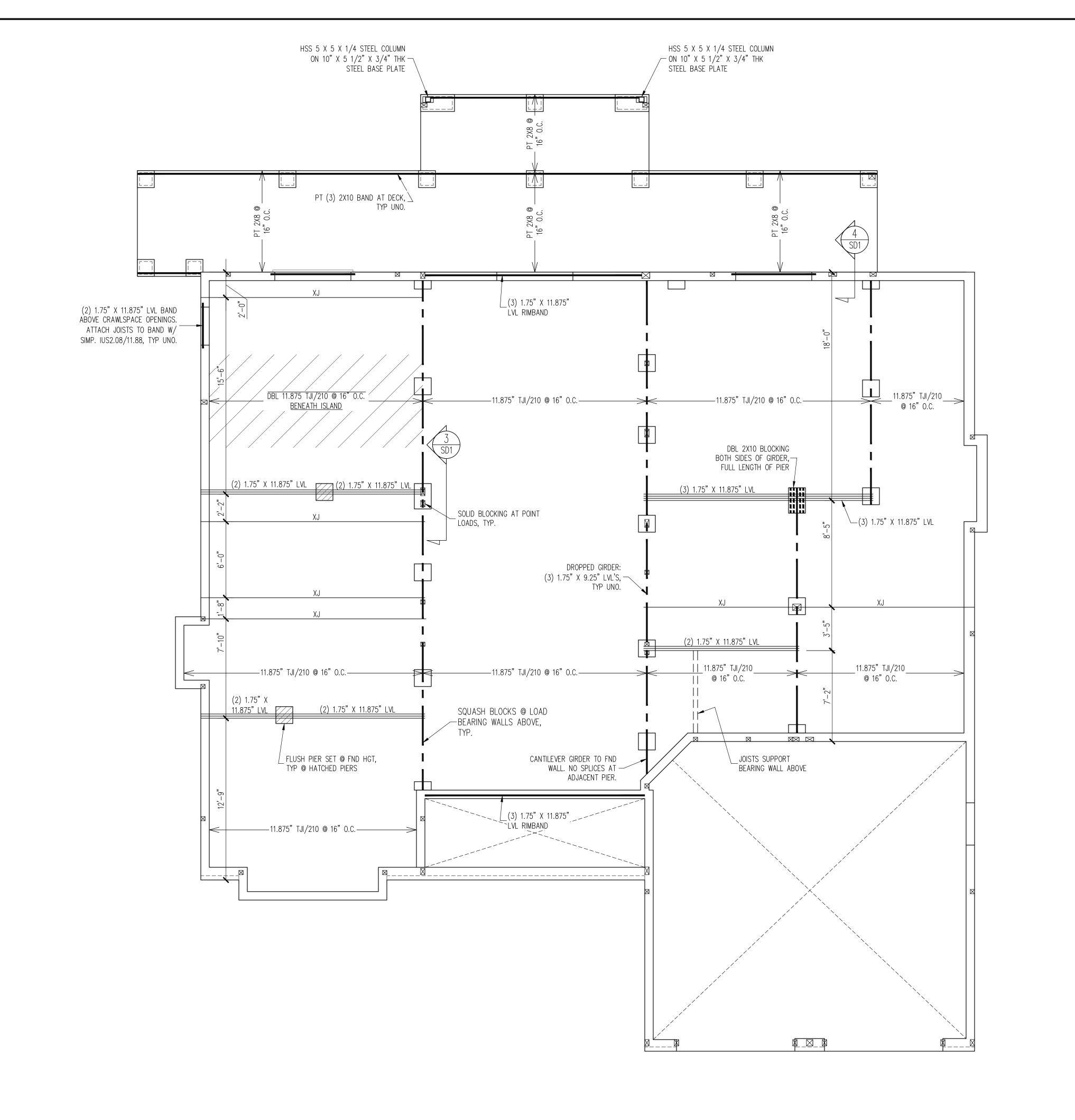
STRUCTURAL ADDENDUM

838 KEITH HILLS RD.

BUIES CREEK, NC

JEFFERIES RESIDENCE

1/4" = 1'-0"



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	GINEERS . C-3870 Unit 201 na 27609 844-1661

Ingineering STRUCTU
Lice
318 W Millbro
ASSOCIATES P.A. Phone

STRUCTURAL ADDENDUM
838 KEITH HILLS RD.
BUIES CREEK, NC
JEFFERIES RESIDENCE

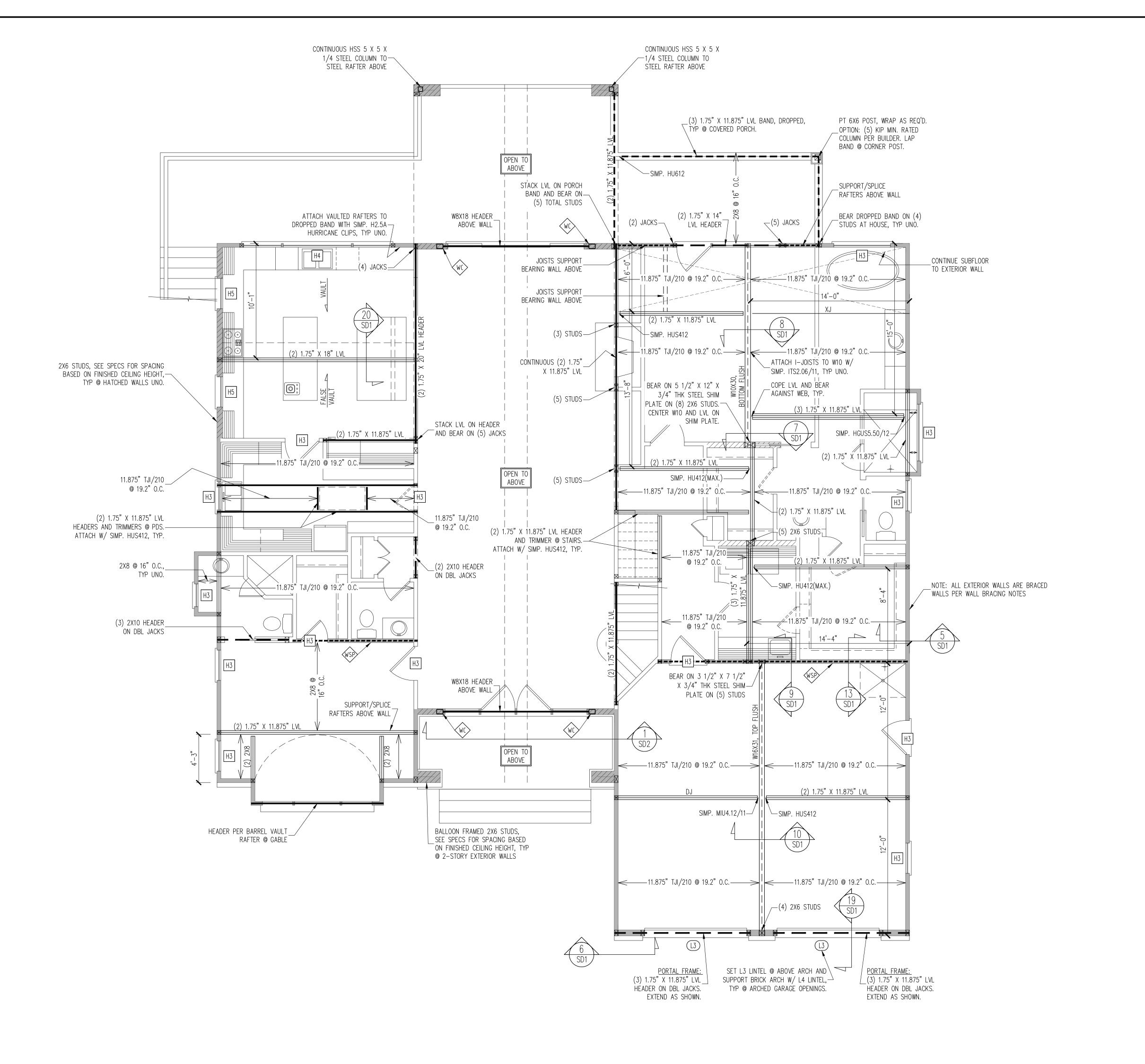
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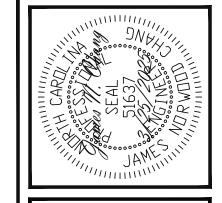
ENG: JNC
DATE: 3/25/2025

PROJECT NO. 25-15-002

SHEET NO.

2 of 7





WALL BRACING

CS - ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.

_____ SHADED WALLS:

- WSP ONE SIDE OF INTERIOR WALL OR INSIDE OF EXTERIOR WALL WITH 3/8" MIN. THICKNESS WOOD STRUCTURAL PANELING. ATTACH WSP TO STUD WALL WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.
- GB INTERIOR BRACED WALL. 1/2" GB SECURED PER TABLE R602.10.1 OF THE 2018 NCRBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL, OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS
- WC CONTINUOUS HSS 7 X 5 X 1/4 STEEL COLUMN

-PROVIDED CONTINUOUS SHEATHING = 266' MIN.

LINTEL SCHEDULE

- L1 L 3 1/2 X 3 1/2 X 1/4 TYP UNO
- L3 L 6 X 4 X 5/16 ATTACHED TO HEADER WITH (2) 1/2" X 3" LAG SCREWS @ 16" O.C.
- L4 16 GAGE STEEL FLEX LINTEL AT ARCH

<u>HEADER SCHEDULE</u>

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.

- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.
- (C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

1ST FLOOR FRAMING PLAN

WALLS AND CEILING 1/4" = 1'-0"

ENG: JNC DATE: 3/25/2025

DESIGN TECH, INC.

STRUCTURAL ADDENDUM
838 KEITH HILLS RD.

BUIES CREEK, NC

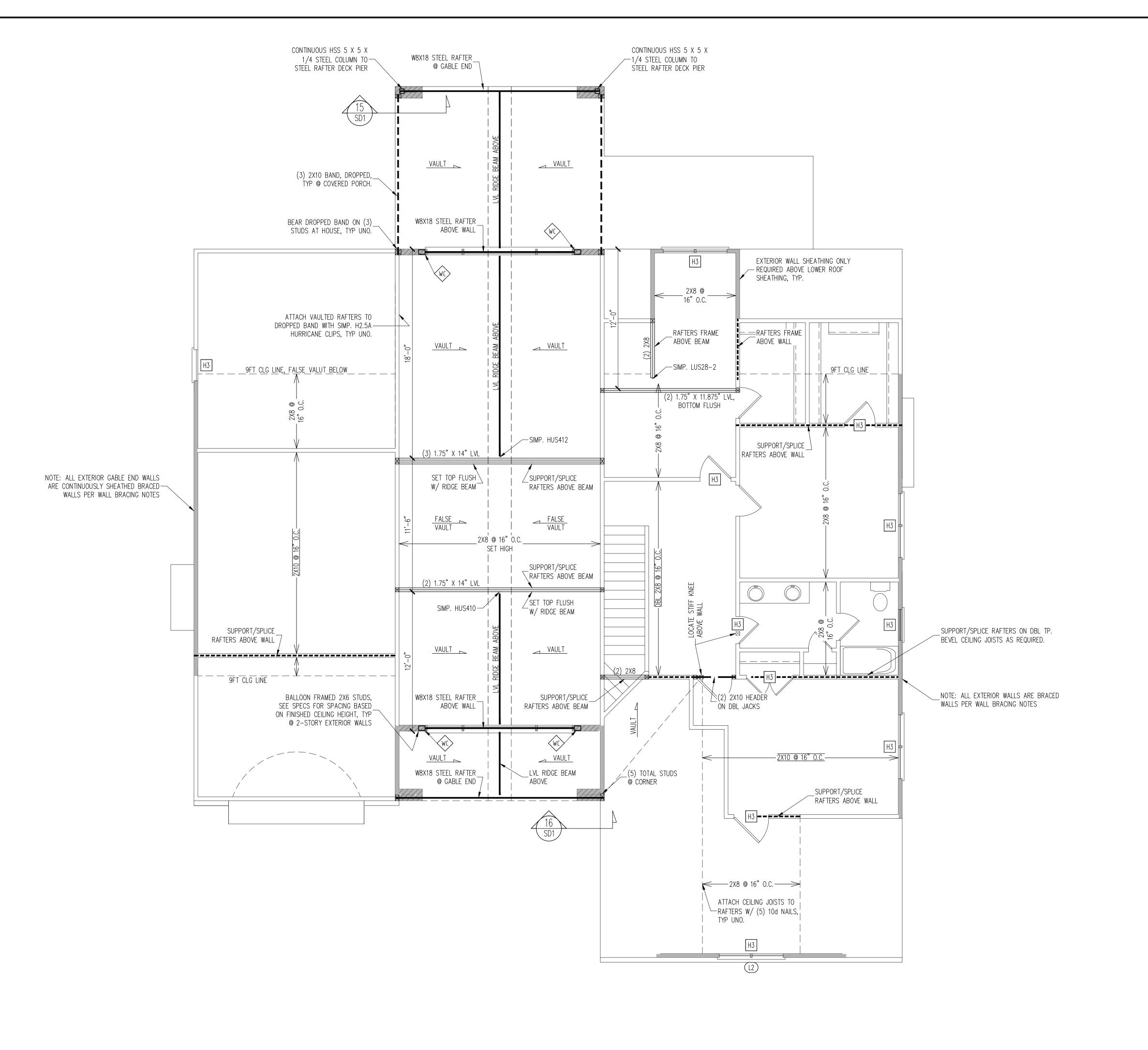
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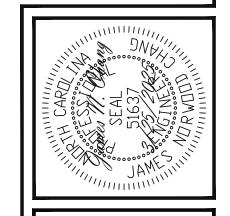
PROJECT NO.

SHEET NO. **S**3

25-15-002

3 of 7





WALL BRACING

CS - ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.

SHADED WALLS:

- WSP ONE SIDE OF INTERIOR WALL OR INSIDE OF EXTERIOR WALL WITH 3/8" MIN. THICKNESS WOOD STRUCTURAL PANELING. ATTACH WSP TO STUD WALL WITH 8d NAILS @ 6" O.C. AT PANEL EDGES, 12" O.C. IN PANEL FIELD.
- GB INTERIOR BRACED WALL. 1/2" GB SECURED PER TABLE R602.10.1 OF THE 2018 NCRBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL, OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS
- WC CONTINUOUS HSS 7 X 5 X 1/4 STEEL COLUMN

-PROVIDED CONTINUOUS SHEATHING = 135' MIN.

LINTEL SCHEDULE

- L1 L 3 1/2 X 3 1/2 X 1/4 TYP UNO
- L3 L 6 X 4 X 5/16 ATTACHED TO HEADER WITH (2) 1/2" X 3" LAG SCREWS @ 16" O.C.
- L4 16 GAGE STEEL FLEX LINTEL AT ARCH

HEADER SCHEDULE

- H1 SINGLE 2X4 TURNED FLAT (A)
- H2 (2) 2X4'S ON SINGLE JACKS (B)
- H3 (2) 2X10'S ON SINGLE JACKS (C)
- H4 (2) 1.75" X 9.25" LVL'S ON DBL JACKS
- H5 (3) 2X10'S ON SINGLE JACKS
- (A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38" MAX.
- (B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38" TO 74" MAX.

(C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNO.

-HEADERS IN NON LOAD BEARING INTERIOR WALLS ARE NOT LABELED.

2ND FLOOR FRAMING PLAN

WALLS AND CEILING 1/4" = 1'-0"

DATE: 3/25/2025

JNC

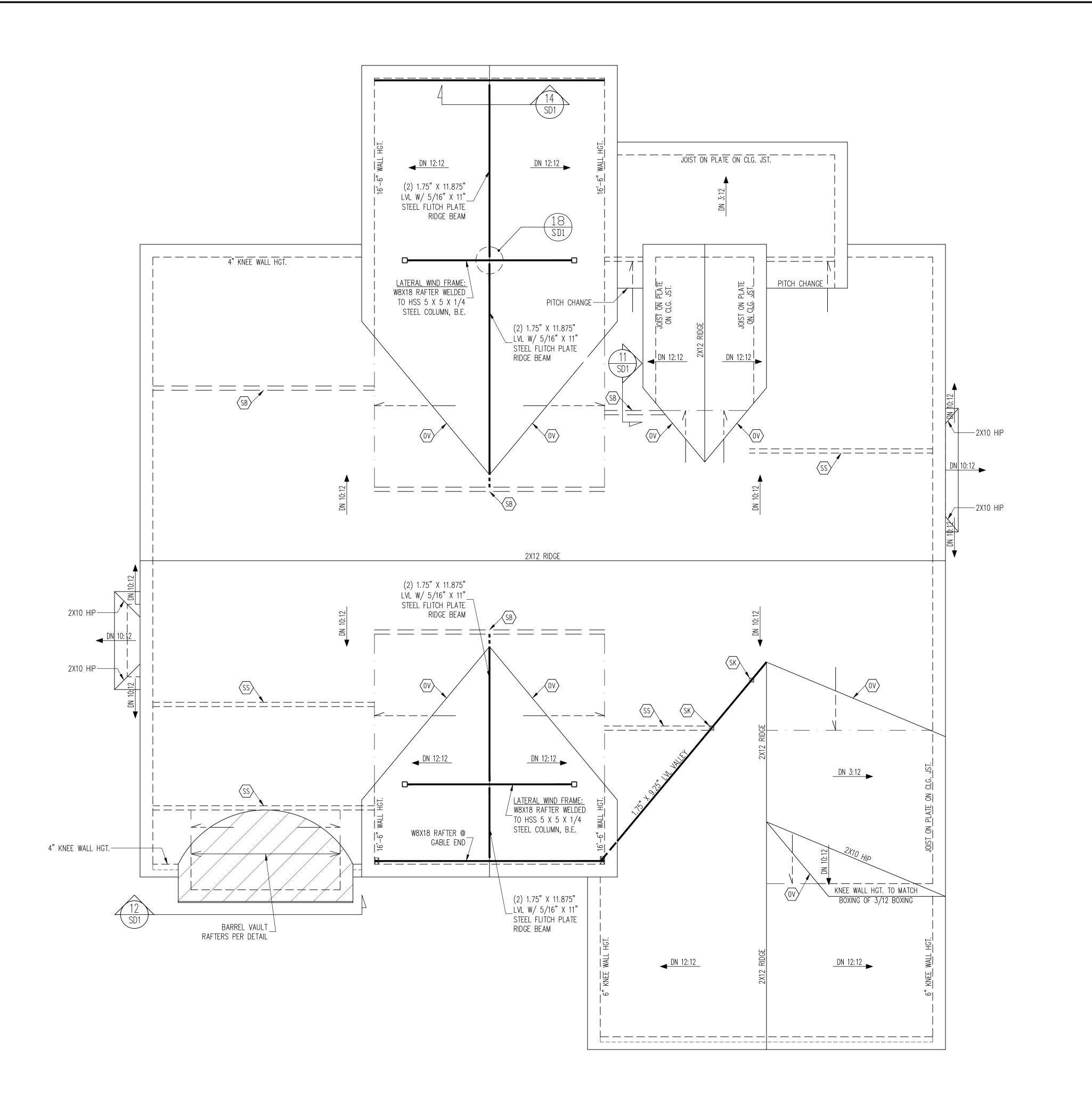
ENG:

STRUCTURAL ADDENDUM
838 KEITH HILLS RD.
BUIES CREEK, NC
JEFFERIES RESIDENCE

PROJECT NO. 25-15-002

> SHEET NO. **S4**

4 of 7



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V Millbrook Rd. Unit 201
h, North Carolina 27609
Phone (919) 844-1661

STRUCTURAL ADDENDUM

838 KEITH HILLS RD.

BUIES CREEK, NC

JEFFERIES RESIDENCE

FRAMING SCHEDULE ROOF ONLY

FRAMING NOTES

ROOF ONLY

-COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O.

-COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS

-VERIFY ROOF PITCHES, OVERHANG LENGTHS, AND KNEEWALL FRAMING HGTS WITH ARCHITECTURAL

- OV OVERFRAME VALLEY (2X10 SLEEPER)
- SK STIFF KNEE (DBL 2X4)

DRAWINGS, TYPICAL.

TYP U.N.O.

- SS SUPPORT/SPLICE RAFTERS ON KNEEWALL BELOW
- SB SUPPORT/SPLICE RAFTERS ON BEAM BELOW
- BR SUPPORT BRICK VENEER PER SECT 703.8.2 OF THE NCRC, LATEST EDITION
- AN SUPPORT BRICK VENEER WITH ANGLE ATTACHED TO MODIFIED STUD WALL
- DR DOUBLE RAFTER

ROOF FRAMING PLAN

1'-0" 5 of 7

ENG:

JNC

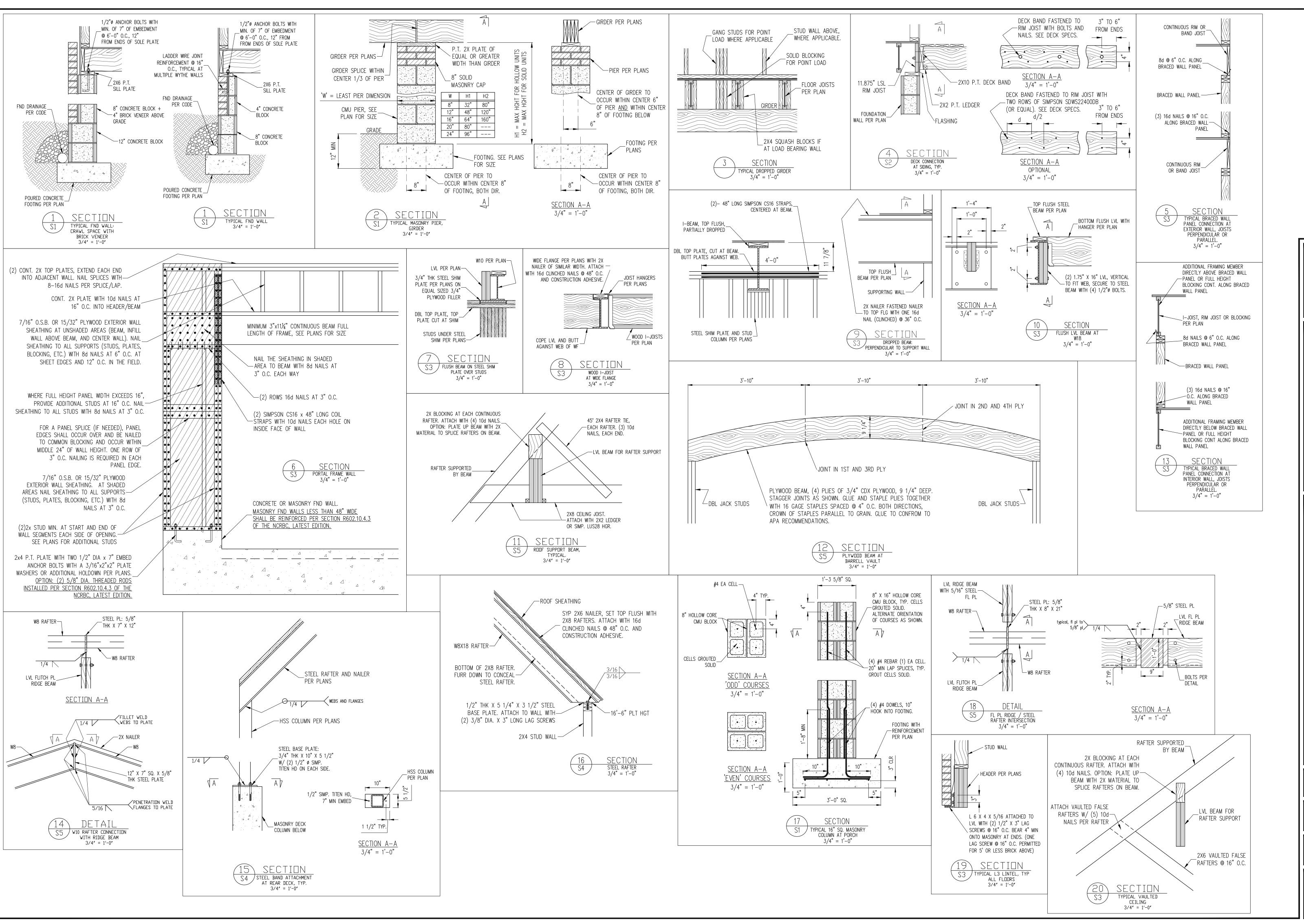
DATE: 3/25/2025

PROJECT NO.

25-15-002

SHEET NO.

1/4" = 1'-0"



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STRUCTURAL ADDENDUM

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ENG: JNC

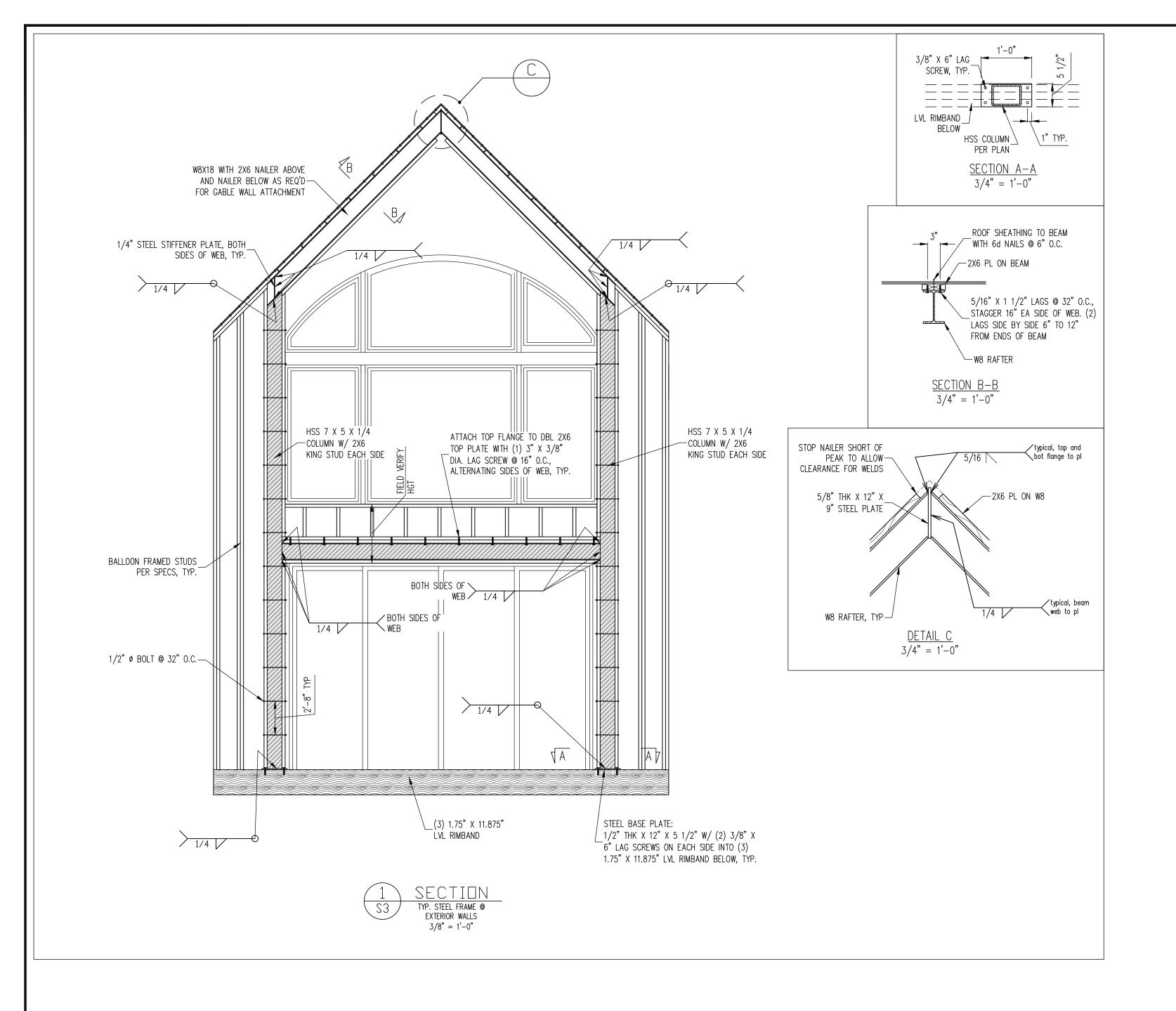
DATE: 3/25/2025

DATE: 3/25/2025

PROJECT NO. 25-15-002

SHEET NO.

5D1 6 of 7



CONSTRUCTION SPECIFICATIONS

PART 1: GENERAL

CODE, 2018 EDITION.

- .01 CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL
- .02 DIMENSIONS SHOWN SHALL GOVERN OVER SCALE ON THESE DRAWINGS.
- 1.05 METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF | 7.04 MASONRY CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF ACI 530 THE CONTRACTOR, WHO SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND INSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION. PART 2: DESIGN LOADS
- 2.01 DESIGN LOADS SHALL CONFORM WITH THE TABLE BELOW:

BALCONIES, DECKS, ATTICS WITH FIXED STAIR ACCESS, DWELLING UNITS INCLUDING ATTICS WITH FIXED STAIR ACCESS, STAIRS, FIRE ESCAPES GARAGES (PASSENGER CARS ONLY) ATTICS (NO STORAGE, LESS THAN 5' HEADROOM) ATTICS (WITH STORAGE)

NOTES: - INDIVIDUAL STAIR TREADS ARE TO BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OF 40 PSF OR A 300 LB. CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. WHICHEVER PRODUCES THE GREATER STRESS - BUILDER TO VERIFY DEAD LOAD DOES NOT EXCEED 10 PSF WHEN HEAVY FLOOR OR ROOF FINISHES SUCH AS TILE OR SLATE ARE UTILIZED. NOTIFY ENGINEERING UNDER THESE CONDITIONS

R00F

20 10 (15 FOR VAULTS)

- 2.02 INTERIOR WALLS: 5 PSF LATERAL.
- 2.03 BASIC WIND DESIGN VELOCITY OF 120 MPH.
- 2.04 SOIL BEARING CAPACITY 2000 PSF (PRESUMPTIVE).

PART 3: STRUCTURAL STEEL

- 0.01 WIDE FLANGE BEAMS AND TEE SECTIONS SHALL CONFORM TO ASTM A992 MINIMUM
- 3.03 STEEL PIPE SHALL CONFORM TO ASTM A53 GRADE B, TYPE S, MINIMUM GRADE
- 3.04 ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 MINIMUM GRADE 1.05 STRUCTURAL STEEL CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL

PART 4: WELDING

- WELDING ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE PERFORMED BY AN 13.01 AWS CERTIFIED WELDER PART 5: CONCRETE AND SLABS ON GRADE
- 0.01 CAST IN PLACE CONCRETE SHALL BE OF NORMAL WEIGHT, 4-6% AIR ENTRAINMENT, FOR EXTERIOR CONCRETE AND SHALL HAVE A MINIMUM COMPRÉSSIVE STRENGTH OF 3000 PSI AT 28 DAYS TYP UNO. ALL ITEMS NOTED AS 'CONCRETE' ARE TO BE CAST IN PLACE,
- REINFORCED CAST IN PLACE CONCRETE SHALL BE PROPORTIONED, MIXED AND PLACED IN ACCORDANCE WITH THE SPECIFICATIONS OF ACI 318, LATEST EDITION.
- 6.03 SLABS ON GRADE, IF ANY, SHALL BE CAST IN PLACE, CONTAIN SYNTHETIC POLYPROPYLENE FIBRILLATED MICRO FIBERS, FIBER LENGTH 1 1/2", DOSAGE RATE 1 1 LBS/CU YD. SLAB TO BE PLACED ON A 6 MIL VAPOR BARRIER ON 4" MIN GRANULAR FILL ON SOIL WITH 90% MIN STANDARD PROCTOR DENSITY. VAPOR BARRIER MAY BE OMITTED FOR SLABS NOT IN ENCLOSED AREAS

PART 6: REBAR AND WIRE REINFORCEMENT

- 6.01 REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60 TYP UNO 6.02 LAP SPLICES SHALL BE CLASS B AS DEFINED BY ACI 318, TYP UNO
- 6.03 WIRE REINFORCEMENT SHALL BE 9 GA AND SHALL CONFORM TO ASTM A1064.
- <u>PART 7: MASONRY</u>

7.01 CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND C55, NORMAL WEIGHT,

NOTES

THE BUILDER IS RESPONSIBLE FOR REVIEWING PLANS PRIOR TO CONSTRUCTION. THE BUILDER

ANY ERRORS DUE TO A FAILURE TO FOLLOW THE ABOVE PROCEDURES SHALL NOT BE THE

RESPONSIBILITY OF THE EOR. FURTHERMORE, IT IS THE RESPONSIBILITY OF THE BUILDER TO

FND FOUNDATION

HDG HOT DIPPED

HGR HANGER

LUMBER

O.C. ON CENTER

LUMBER

QJ QUAD JOIST

SQ SQUARE

BEAMS

LP CORP NORDIC

NTS NOT TO SCALE

GALVANIZED

LVL LAMINATED VENEER

PSL PARALLEL STRAND

PT PRESSURE TREATED

SP SPACE (OR SPACING)

SSP SINGLE STUD POCKET

ALLOWABLE I-JOIST SUBSTITUTION

NOTE: MAINTAIN JOIST DEPTH, DIRECTION, AND SPACING SPECIFIED ON

MANUFACTURER DEPTH SERIES MOUNT HGR FLANGE HGR

BLUELINX 11.875" BLI 40 IUS2.56/11.88 ITS2.56/11.88

BOISE CASCADE 11.875" BCI 5000s IUS2.06/11.88 ITS2.06/11.88

BOISE CASCADE 11.875" BCI 6000s IUS2.37/11.88 ITS2.37/11.88

INTERNATIONAL 11.875" IB 400 IUS2.56/11.88 ITS2.56/11.88

ROSEBURG 11.875" RFPI 40s IUS2.56/11.88 ITS2.56/11.88 WEYERHAEUSER 11.875" TJI 210 IUS2.06/11.88 ITS2.06/11.88

WEYERHAEUSER 11.875" EEI-20 IUS2.37/11.88 ITS2.37/11.88

JOISTS NOT LISTED IN THE ABOVE TABLE MAY BE USED PROVIDED THEY MEET OR EXCEED THE PROPERTIES OF THOSE LISTED. SUBSTITUTE USP

BRAND HANGERS WITH EQUIVALENT VALUES AS DESIRED.

11.875" LPI 20+ IUS2.56/11.88 ITS2.56/11.88

11.875" NI 40X | IUS2.56/11.88 | ITS2.56/11.88

FTG FOOTING

ABBREVIATIONS

TJ TRIPLE JOIST TYP TYPICAL

UNO UNLESS NOTED

XJ EXTRA JOIST

SIMPSON FACE SIMPSON TOP

OTHERWISE

TSP TRIPLE STUD POCKE

TRPL TRIPLE

CALCULATIONS THAT ARE NOT DIRECTLY RELATED TO STRUCTURAL ENGINEERING.

FOLLOWING CONDITIONS ARE NOTED BEFORE OR DURING CONSTRUCTION:

) THE WORKING PLANS DO NOT BEAR THE SEAL OF THE EOR

TRUSS DRAWING SHOULD BE SUBMITTED TO THE EOR FOR REVIEW

SUBCONTRACTORS

ABV ABOVE

B. BOTH

BTWN BETWEEN

CONC CONCRETE

DIA DIAMETER

DBL DOUBLE

EQ EQUAL

FA FACH

FLG FLANGE

FLR FLOOR

FL PL FLITCH PLATE

B.E. BOTH ENDS

CIP CAST IN PLACE

DJ DOUBLE JOIST

DSP DBL STUD POCKET

CS CONTINUOUS SHEATHING

2) THE PLANS CONTAIN DISCREPANT OR INCOMPLETE INFORMATION

- f'M = 1,500 PSI MIN
- 7.02 CLAY MASONRY UNITS SHALL CONFORM TO ASTM C62-17 GRADE SW
- 7.03 MORTAR SHALL BE TYPE S. MORTAR AND GROUT SHALL CONFORM TO ASTM C476, MIN COMPRESSIVE STRENGTH OF 2000 PSI.
- 7.05 LADDER WIRE REINFORCEMENT SHALL CONFORM TO ASTM A951. 6" MIN LAPS

FOR CONTINUOUS WALL APPLICATIONS PART 8: BOLTS AND LAG SCREWS

- BOLTS SHALL CONFORM TO ASTM A307 MINIMUM GRADE TYP UNO. INSTALL STANDARD LIVE LOAD (PSF) DEAD LOAD (PSF) STEEL WASHERS (ASTM F844-07a) FOR THE NUT / BOLT HEAD WHEN BOLTING WOOD MEMBERS. HOLES FOR BOLTS SHALL BE AISC STANDARD HOLES UNO
 - 8.02 LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-1981. PILOT HOLES SHALL BE USED FOR LAG SCREW INSTÁLLATION AND SHALL BE BORED ACCORDING TO NDS SPECIFICATIONS. INSTALL STANDARD STEEL WASHERS (ASTM F844-07a) FOR
 - 8.03 ANCHOR RODS AND BOLTS SHALL CONFORM TO ASTM F1554-15 GRADE 36 UNO. BENT ANCHOR BOLTS SHALL HAVE A 2" MIN HOOK UNO PART 9: DRIVEN FASTENERS
 - NAILS, SPIKES AND STAPLES SHALL CONFORM TO ASTM F 1667- 05. NAILS ARE TO BE COMMON WIRE OR BOX PART 10: DIMENSIONAL LUMBER
 - 10.01 SOLID SAWN WOOD FRAMING DESIGN IS BASED ON NO. 2 SPRUCE PINE FIR OR SYP #2 FOR JOISTS, RAFTERS, GIRDERS, BEAMS, STUDS, ETC. MINIMUM ALLOWABLE DESIGN PROPERTIES ARE AS FOLLOWS: E= 1,400,000 PSI, F_c perp = 425 PSI, F_v = 135 PSI, SPECIFIC GRAVITY = 0.42 MIN

 $F_b = 875 \text{ PSI FOR } 2X4, 2X6, 2X8. F_b = 800 \text{ PSI FOR } 2X10'S, 750 \text{ PSI FOR } 2X12'S$

PART 11: ENGINEERED LUMBER

- 11.01 LVL OR PSL MINIMUM ALLOWABLE DESIGN PROPERTIES ARE AS FOLLOWS: E= 1,900,000 PSI, F_b = 2600 PSI, F_v = 285 PSI, F_c perp = 750 PSI LSL MINIMUM ALLOWABLE DESIGN STRESSES ARE AS FOLLOWS: $E= 1.3 \text{ X } 10E6 \text{ PSI}, F_b = 1700 \text{ PSI}, F_v = 400 \text{ PSI}, F_c \text{ perp} = 680 \text{ PSI}$
- 5.02 SQUARE AND RECTANGULAR TUBING SHALL CONFORM TO ASTM A500 GRADE B MINIMUM | 11.02 LVL OR PSL MEMBERS MAY BE RIPPED FROM DEEPER MEMBERS TO MATCH THE MEMBER DEPTH SPECIFIED IN THE PLANS

PART 12: PRESSURE TREATED LUMBER

- 2.01 LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE PRESSURI TREATED IN ACCORDANCE WITH AWPA STANDARD C-15. ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 OR BY ANY METHOD GIVING EQUAL PROTECTION. THE BUILDING CODE OFFICE MAY ALSO APPROVE A NATURAL DECAY RESISTANT WOOD PER SECTION 19-6(A)
- PART 13: STEEL FLITCH PLATE BEAMS
- FLITCH PLATE BEAMS SHALL CONSIST OF A CONTINUOUS STEEL PLATE BOLTED BETWEEN TWO PIECES OF CONTINUOUS LUMBER AS SIZED ON THE PLANS. BOLT PIECES TOGETHER USING 1/2" Ø BOLTS SPACED AT 16" O.C. STAGGERED TOP TO BOTTOM OF THE BEAM. MAINTAIN A 2" EDGE DISTANCE. PLACE TWO BOLTS, ONE ABOVE THE OTHER, 16" MAX FROM EACH END OF THE BEAM. TYP UNO

-WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM

- PART 14: STUD SUPPORTS FOR BEAMS
- 14.01 STEEL, ENGINEERED LUMBER, AND FLITCH PLATE BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS:
- SHALL BEAR FULL WIDTH ON THE SUPPORTING WALL INDICATED AND SHALL BE SUPPORTED BY A MINIMUM OF THREE GANGED STUDS, OR A GANGED STUD COLUMN WITH A NUMBER OF STUDS SUCH THAT THE STUD COLUMN IS AT LEAST AS WIDE AS THE TRUE WIDTH OF THE BEAM BEING SUPPORTED, WHICHEVER IS GREATER, TYP UNO. FOR THE SKEWED CONDITION PARTICULAR CARE SHALL BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON 2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM. SHALL BEAR A MINIMUM OF 4 1/2" ONTO THE WALL AND BE SUPPORTED BY A TRPL STUD GANGED COLUMN TYP UNO.
- 14.02 DIMENSIONAL LUMBER BEAMS BEARING ON A STUD WALL SHALL BEAR AS FOLLOWS: -WHEN THE BEAM IS PERPENDICULAR TO, OR SKEWED RELATIVE TO THE WALL, THE BEAM SHALL BEAR <u>FULL WIDTH</u> ON THE SUPPORTING WALL INDICATED (LESS 1 1/2" TO ALLOW FOR A CONTINUOUS RIM JOIST WHERE APPLICABLE) AND SHALL BE SUPPORTED BY A GANGED STUD COLUMN THE SAME WIDTH AS THE BEAM TYP UNO. (E.G. A TRIPLE 2X10 IS TO BE SUPPORTED BY (3) STUDS). FOR THE SKEWED CONDITION PARTICULAR CARE SHALL

BE TAKEN TO ENSURE STUD COLUMN IS CENTERED ON THE BEAM

- 2-BEAMS BEARING ONTO THE END OF A STUD WALL PARALLEL TO THE BEAM SHALL BEAR A MINIMUM OF 3" ONTO THE WALL AND BE SUPPORTED BY A DBL STUD GANGED COLUMN
- 14.03 EXTRA JOISTS BEARING ON A STUD WALL PERPENDICULAR TO OR SKEWED RELATIVE TO THE BEAM SHALL BE SUPPORTED BY ONE ADDITIONAL STUD.
- 14.04 STUDS THAT ARE GANGED TO FORM A COLUMN SHALL HAVE ADJACENT STUDS WITHIN THE COLUMN NAILED TOGETHER WITH ONE ROW OF 10d NAILS AT 8" O.C. (TWO ROWS OF 10d NAILS @ 8" O.C., 3" APART, FOR 2X8 OR 2X10 STUDS) ALL COLUMNS SHALL BE CONTINUOUS DOWN TO THE FOUNDATION OR OTHER PROPERLY DESIGNED STRUCTURAL ELEMENT SUCH AS A BEAM. COLUMNS TRANSFERRING LOADS THROUGH FLOOR LEVELS SHALL BE SOLIDLY BLOCKED FOR THE FULL WIDTH OF THE STUD COLUMN WITHIN THE CAVITY FORMED BY THE

PART 15: NAILING OF MULTI PLY WOOD BEAMS

- SOLID SAWN LUMBER JOISTS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM NAILED TOGETHER WITH THREE ROWS OF 10d NAILS @ 16" O.C. FOR 2X10 OR LARGER, TWO ROWS OF 10d NAILS @ 16" O.C. FOR 2X8, ONE ROW OF 10d NAILS @ 16" O.C. FOR 2X6 OR SMALLER, STAGGER ROWS 5" MIN.
- LVL MEMBERS THAT ARE GANGED TO FORM A BEAM SHALL HAVE ADJACENT MEMBERS IN THE BEAM FASTENED TOGETHER PER MANUFACTURERS RECOMMENDATIONS, TYP

PART 16: WALL FRAMING AND BRACING

- STUD WALLS SHALL CONSIST OF 2X4 STUDS SPACED AT 16" O.C. UNO. STUDS SHALL BE CONTINUOUS FROM SOLE PLATE AT FLOOR TO DOUBLE TOP PLATE AT THE CEILING OR ROOF. NO INTERMEDIATE BANDS OR PLATES SHALL CAUSE DISCONTINUITIES IN A STUD WALL EXCEPT AS REQUIRED FOR DOOR OR WINDOW OPENINGS. THE KING STUDS FOR SUCH OPENINGS SHALL BE CONTINUOUS, TYP UN MAX ALLOWABLE WALL HEIGHTS FOR EXTÉRIOR STUD WALLS, INCLUSIVE OF SOLE PLATE AND DBL TOP PLATE AND 7/16" OSB EXTERIOR BRACING AND ROW OF 2X4 2X6 PURLINS AT 8' HEIGHT (AND AT 16' HEIGHT FOR TALL WALLS), TYP UNO:
 - 2X4 @ 16" O.C.: 11'-1 1/2" 2X6 @ 16" O.C.: 17'-0' 2X4 @ 12" O.C.: 12'-1 1/2" 2X6 @ 12" O.C.: 18'-8' DBL 2X4 @ 16" O.C.: 13'-4" DBL 2X6 @ 16" O.C.: 21'-0

16.02 FOR WALL BRACING THE FOLLOWING SHALL APPLY -BLOCKING AT UNSUPPORTED PANEL EDGES IS REQUIRED TYP UNO

- -WALL BRACING IS BY ENGINEERED DESIGN AND NOT PRESCRIPTIVE PER SECTION 602.10 OF THE 2018 NCRC. CONTINUOUS SHEATHING HAS BEEN PROVIDED. ALONG WITH ALTERNATIVE METHODS TO INSURE THE MINIMUM INTENT OF SECTION 602.10 OF THE 2018 NCRC HAS BEEN MET AND EXCEEDED. -BRACED WALL PANELS SHALL BE FASTENED IN ACCORDANCE WITH TABLE 602.3(1) $^{\circ}$ PROVIDE CONTINUOUS PANEL UPLIFT RESISTANCE AND COMPLIANCE WITH NCRBC R602.3.5 AND R802.11 UNLESS NOTED OTHERWISE ON STRUCTURAL PLANS.
- -SINGLE JOIST, CONTINUOUS RIM JOIST, OR BLOCKING OF EQUAL DEPTH IS REQUIRED ABOVE AND BELOW ALL BRACED WALLS. NAIL BLOCKING ABOVE WALL TO TOP PLATE WITH 16d TOE NAILS @ 6" O.C. NAIL SOLE PLATE OF BRACED WALL TO BLOCKING BELOW WITH (3) 16d NAILS @ 16" O.C. BLOCKING AT HORIZONTAL JOINTS IN BRACED WALL LINES ONLY REQUIRED AT SHADED WALLS, UNO. PART 17: KING STUDS
- KING STUDS FOR OPENINGS IN EXTERIOR WALLS SHALL BE AS FOLLOWS:

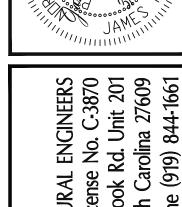
MAX OPENING WIDTH

PART 18: SUBSTITUTIONS

MATERIAL OR MEMBER SIZE SUBSTITUTIONS OR PLAN DEVIATIONS REQUIRE THE WRITTEN AUTHORIZATION OF THE DESIGNERS. UNAUTHORIZED DEVIATIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

PART 19: OWNERSHIP OF STRUCTURAL DESIGN

THE STRUCTURAL DESIGN OF THIS PLAN IS THE PROPERTY OF ENGINEERING TECH ASSOCIATES (ETA). THESE PLANS ARE FOR THE ONE TIME USE AT THE LOCATION INDICATED AND FOR THE CLIENT LISTED. ETA ASSUMES NO LIABILITY FOR THESE PLANS IF THEY ARE REPRODUCED, IN WHOLE OR IN PART, FOR CONSTRUCTION AT ANY OTHER LOCATION WITHOUT WRITTEN PERMISSION FROM ETA





ľ					
			DATE		
		J	REV # REF PROJ #		
	NC.	NDQN	REV#		
	FECH, INC.	- ADDENDUM			

HILLS

838 BU BEFFI

JNC

TREATED WOOD BAND FOR THE LENGTH OF THE DECK. OR CORROSION RESISTANT FLASHING 9. MAXIMUM HEIGHT OF DECK SUPPORT POSTS IS AS FOLLOWS: POST SIZE MAX POST HEIGHT

12" O.C.

16" O.C.

32" O.C.

4X4

24" O.C.

ENGINEERED 20′ + NOTES: 1) THIS TABLE IS BASED ON NO. 2 TREATED SOUTHERN PINE POSTS. 2) THIS TABLE IS BASED ON A MAXIMUM TRIBUTARY AREA OF 128 SQ. FT.

3) POST HEIGHT IS FROM TOP OF FOOTING TO BOTTOM OF GIRDER. DECKS SHALL BE BRACED TO PROVIDE LATERAL STABILITY BY ONE OF THE FOLLOWING

1" 545

1" T&G

11/4" S4S

2" S4S

- A. WHEN THE DECK FLOOR HEIGHT IS LESS THAN 4'-0" AND THE DECK IS ATTACHED TO THE STRUCTURE IN ACCORDANCE WITH SECTION 4, LATERAL BRACING IS NOT REQUIRED.
- B. 4X4 WOOD KNEE BRACES MAY BE PROVIDED ON EACH COLUMN IN BOTH DIRECTIONS. THE KNEE BRACES SHALL ATTACH TO EACH POST AT A POINT NOT LESS THAN 1/3 OF THE POST LENGTH FROM THE TOP OF THE POST, AND THE BRACES SHALL BE ANGLED BETWEEN 45° AND 60° FROM THE HORIZONTAL. KNEE BRACES SHALL BE ATTACHED AT THE ENDS TO THE GIRDER AND THE POST WITH ONE - 5/8" BOLT
- C. FOR FREE STANDING DECKS WITHOUT KNEE BRACES OR DIAGONAL BRACING, LATERAL STABILITY MAY BE PROVIDED BY EMBEDDING THE POSTS IN CONCRETE IN ACCORDANCE WITH THE FOLLOWING:

POST SIZE	TRIBUT. AREA	POST HEIGHT	EMB. DEPTH	CONC. DIAM.
4X4 6X6	48 SQ. FT. 120 SQ. FT.	4'-0" 6'-0"	2'-6" 3'-6"	1'-0" 1'-8"

- D. 2X6 DIAGONAL VERTICAL CROSS BRACING SHALL BE PROVIDED IN TWO PERPENDICULAR DIRECTIONS FOR FREE STANDING DECKS OR PARALLEL TO THE STRUCTURE AT THE EXTERIOR COLUMN LINE FOR ATTACHED DECKS. THE BRACES SHALL BE ATTACHED TO THE POSTS WITH ONE -5/8" ϕ BOLT AT EACH END OF THE BRACE.
- - 2) MINIMUM EDGE DISTANCE FOR BOLTS IS 2 1/2". 3) NAILS MUST PENETRATE THE SUPPORTING STRUCTURE BAND A MINIMUM OF 1 1/2".

DATE: 3/25/2025

ENG:

PROJECT NO. 25-15-002

SHEET NO.

of /

DECK SPECIFICATIONS A DECK IS AN EXPOSED EXTERIOR WOOD FLOOR STRUCTURE WHICH MAY BE ATTACHED TO A STRUCTURE OR BE FREE STANDING. ROOFED PORCHES, OPEN OR SCREENED IN, MAY BE

- SHALL IMMEDIATELY CONTACT THE ENGINEER OF RECORD (EOR) BEFORE PROCEEDING IF THE CONSTRUCTED USING THESE PROVISIONS.
 - SUPPORT POSTS SHALL BE SUPPORTED BY A FOOTING. WHEN ATTACHED TO A STRUCTURE, THE STRUCTURE TO WHICH ATTACHED SHALL HAVE A SHALL BE USED TO PREVENT MOISTURE FROM COMING IN CONTACT WITH THE UNTREATED
- ENSURE THAN ANY REVISIONS ISSUED BY THE EOR ARE PROMPLY DISTRIBUTED TO THE FRAMING OF THE STRUCTURE. THE DECK BAND AND THE STRUCTURE BAND SHALL BE THE EOR DOES NOT PERFORM FENESTRATION OR VENTING CALCULATIONS OR ANY OTHER
 - CONSTRUCTED IN CONTACT WITH EACH OTHER EXCEPT AT BRICK VENEER AND WHERE PLYWOOD SHEATHING IS REQUIRED AND PROPERLY FLASHED. SIDING SHALL NOT BE INSTALLED BETWEEN THE STRUCTURE AND THE DECK BAND. IF ATTACHED TO A BRICK STRUCTURE, NEITHER FLASHING NOR A TREATED BAND FOR THE BRICK STRUCTURE
- IS REQUIRED. IN ADDITION, THE TREATED DECK BAND SHALL BE CONSTRUCTED IN CONTACT ROOF AND FLOOR TRUSSES TO BE DESIGNED BY AN ENGINEER REGISTERED BY THE STATE. FINAL WITH THE BRICK

 - WHEN THE DECK IS SUPPORTED AT THE STRUCTURE BY ATTACHING THE DECK TO THE STRUCTURE, THE FOLLOWING ATTACHMENT SCHEDULES SHALL APPLY FOR ATTACHING THE DECK BAND TO THE STRUCTURE:

A. ALL STRUCTURES EXCEPT BRICK STRUCTURES					
	JOIST LENGTH				
	UP TO 8' MAX.	UP TO 16' MAX.			
REQUIRED FASTENERS	ONE- 5/8" Ø BOLT @ 42" O.C. AND (2) ROWS OF 12d NAILS @ 8" O.C. OR TWO ROWS OF SIMPSON SDWS22400DB @ d = 32" O.C. STAGGERED	ONE- 5/8" Ø BOLT @ 20" O.C. ANI (3) ROWS OF 12d NAILS @ 6" O.C. C TWO ROWS OF SIMPSON SDWS22400D @ d = 16" O.C. STAGGERED			

A . BRICK VENEER STRUCTURES

A . BINION VE	NEEK SIKOOTOKES	
	JOIST I	LENGTH
	UP TO 8' MAX.	UP TO 16' MAX.
REQUIRED FASTENERS	ONE- 5/8" Ø BOLT @ 28" O.C.	ONE- 5/8" Ø BOLT @ 16" O.C.

- IF THE DECK BAND IS SUPPORTED BY A 1/2" MINIMUM MASONRY LEDGE ALONG THE FOUNDATION WALL, 5/8" Ø BOLTS SPACED @ 48" O.C. MAY BE USED FOR SUPPORT. OTHER MEANS OF SUPPORT, SUCH AS JOIST HANGERS, MAY BE USED TO CONNECT DECK JOISTS TO A TREATED STRUCTURE BAND
- GIRDERS SHALL BEAR DIRECTLY ON POSTS OR BE BE CONNECTED TO THE SIDES OF POSTS | NOTES: 1) ALL NAILS AND BOLTS ARE TO BE HOT DIPPED GALVANIZED.
- FLOOR DECKING SHALL BE NO. 2 GRADE TREATED SOUTHERN PINE OR EQUIVALENT. THE MINIMUM FLOOR DECKING THICKNESS SHALL BE AS FOLLOWS: