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 FO	R THE FOLLO	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:

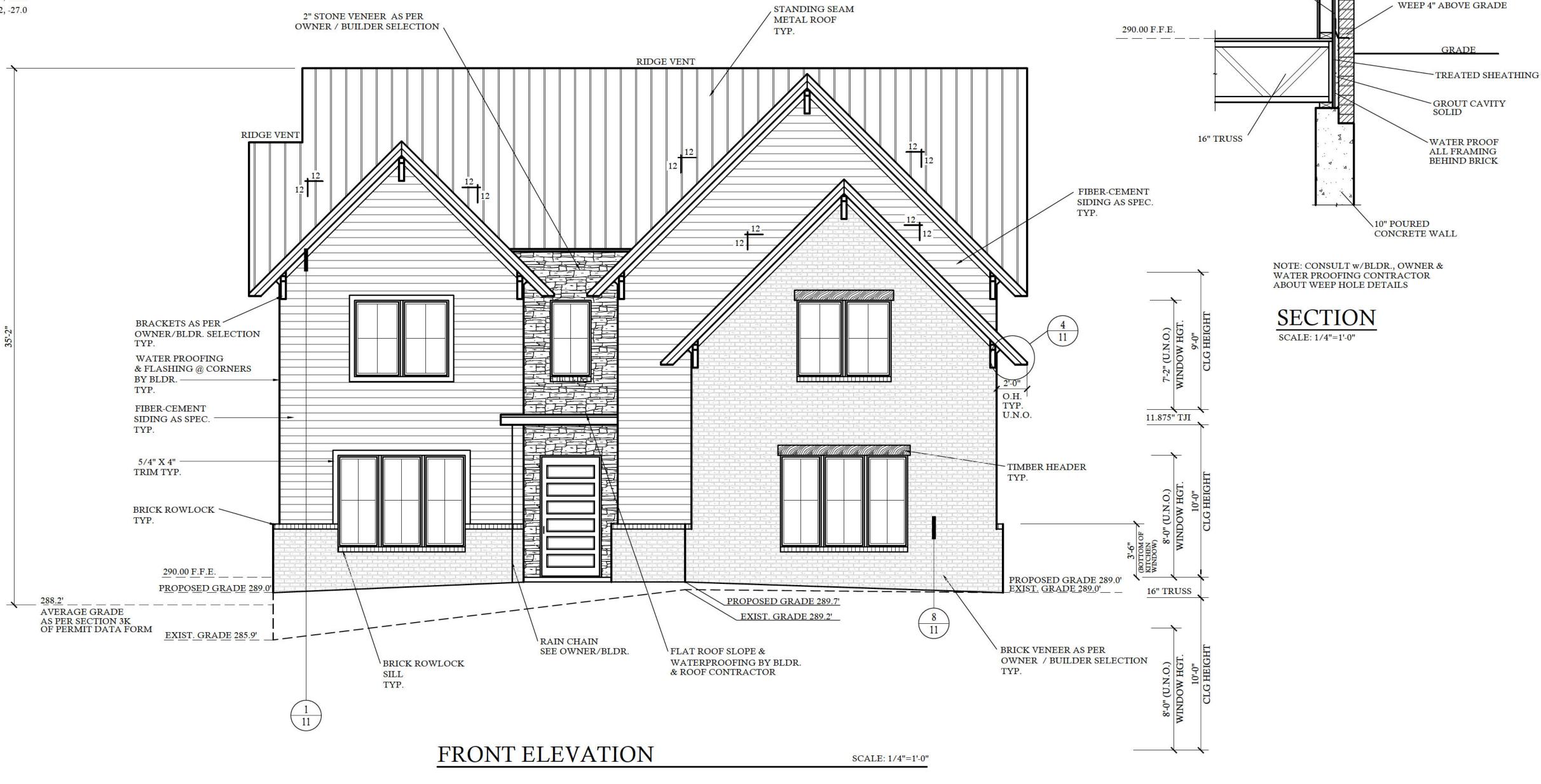
**ZONE 4** 

MAX GLAZING U-FACTOR = 0.35

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

NOTE: PLANS DESIGNED UNDER 2018 NORTH CAROLINA RESIDENTIAL CODE.

RUBBER MEMBRANE



LIST	OF	ABBR	REVI	ATIO	ONS
		IDDI			71,0

ABV.: ABOVE CLG.: CEILING HGT.: HEIGHT C.O.: CASED OPENING D.O.: DOUBLE OVEN REFG.: REFRIGERATOR WD.: WOOD D.W.: DISHWASHER CONT.:CONTINUOUS T.B.D.: TO BE DETERMINED CONC.: CONCRETE W.I.C.: WALK IN CLOSET COL.: COLUMN W: WASHER ELLIP.: ELLIPSE D: DRYER W/: WITH SHWR.: SHOWER TRANS.: TRANSOM DN.: DOWN CANT.: CANTILEVER K.S.: KNEE SPACE TYP.: TYPICAL 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

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.

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

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

DETAILS WITH CHOSEN MANUFACTURE.

BELOW WINDOW FRAME.

8.) FLOOR PLAN NOTATIONS GOVERN OVER ELEVATION SCALE.

# GENERAL PLAN NOTES

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

13.) FINISHES FOR CLOSET SHELVING AND ROD BY BLDR. & OWNER, PER CONTRACT **SPECIFICATIONS** 

CONTRACT SPECIFICATIONS

DOOR TO PORCH BY BLDR. & OWNER, PER

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 PAPER MC = MEDICINE CABINET TR = TOWEL RING NOTE:

SELECTION BY OWNER PER BUILDER CONTRACT SPECIFICATIONS

-SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS. -GRADE LINES ARE ASSUMED.

VERIFY WITH FINAL GRADING PLAN.

BASEMENT:	1548	GARAGE:	637
1ST FLOOR:	1749	SCR. PORCH:	285
2ND FLOOR:	1608	PORCH:	40
		PATIO:	291
TOTAL:	4905	TOTAL:	1253
(HEATED)		(UNHEATED)	
OVERALL DIM	ENSION	UNFINISHED (S	Q. FT.)
WIDTH:	47'-10"	STOR./MECH:	163
DEPTH:	77'-1"		

AREA CALCULATIONS

UNHEATED (SQ. FT.)

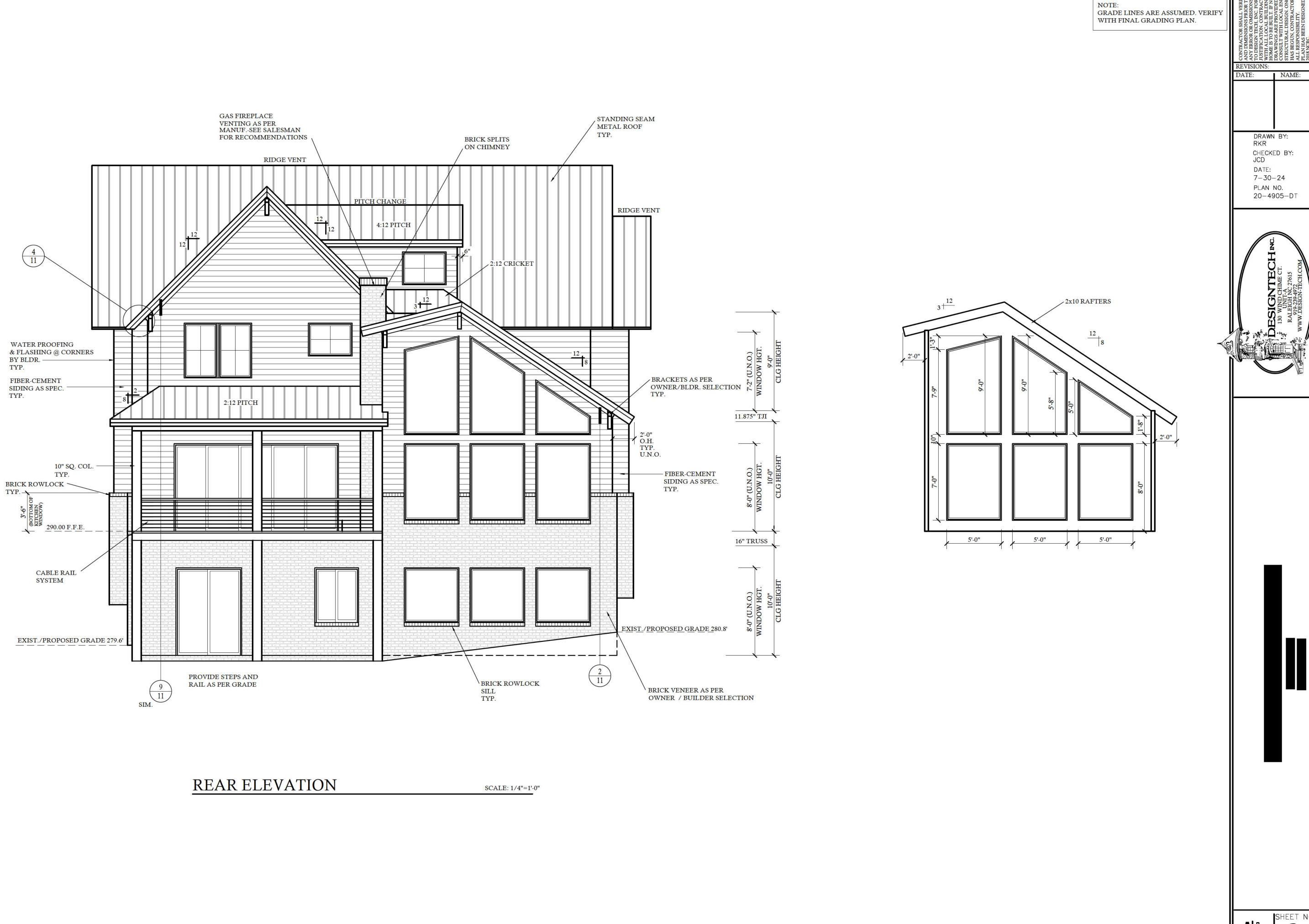
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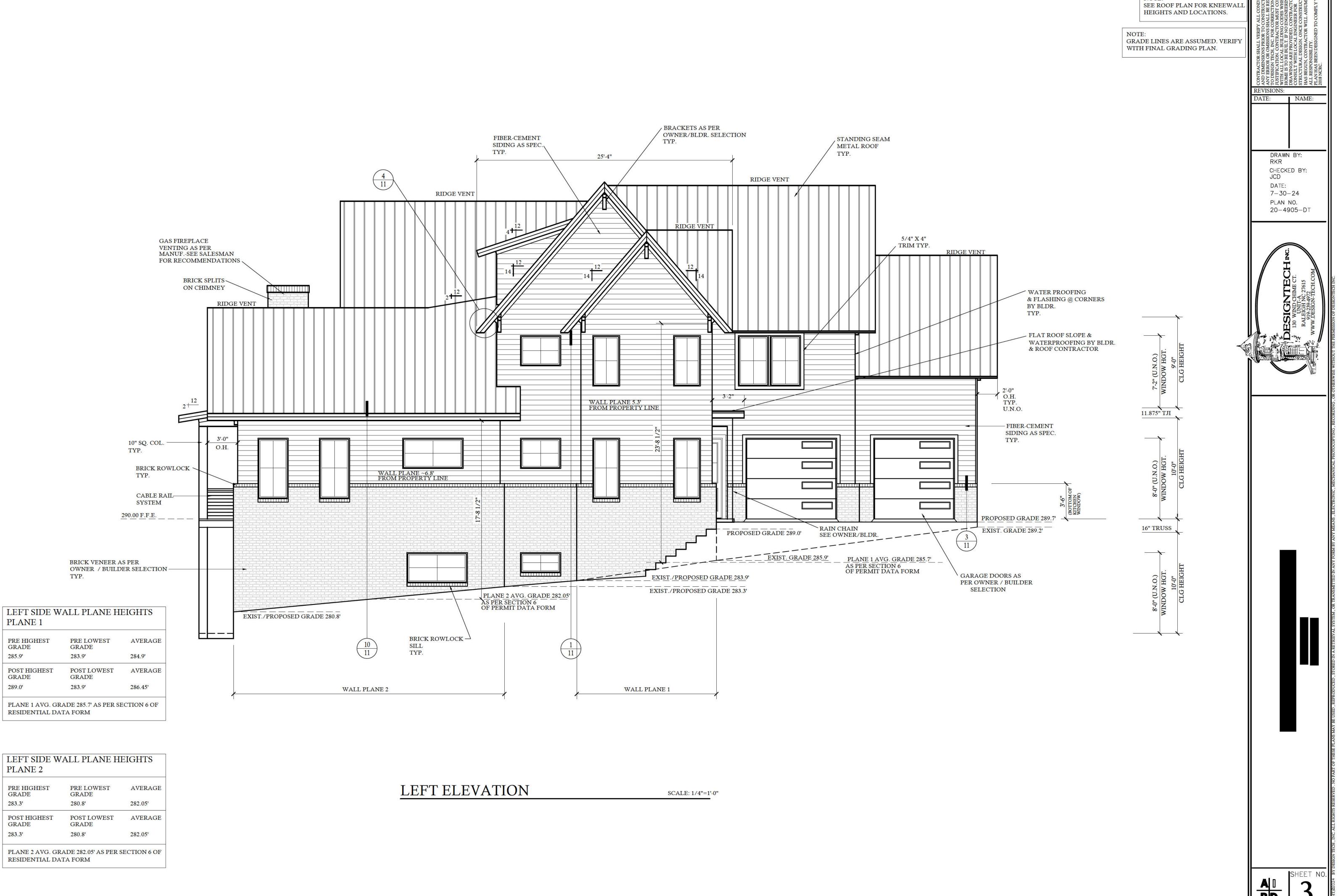
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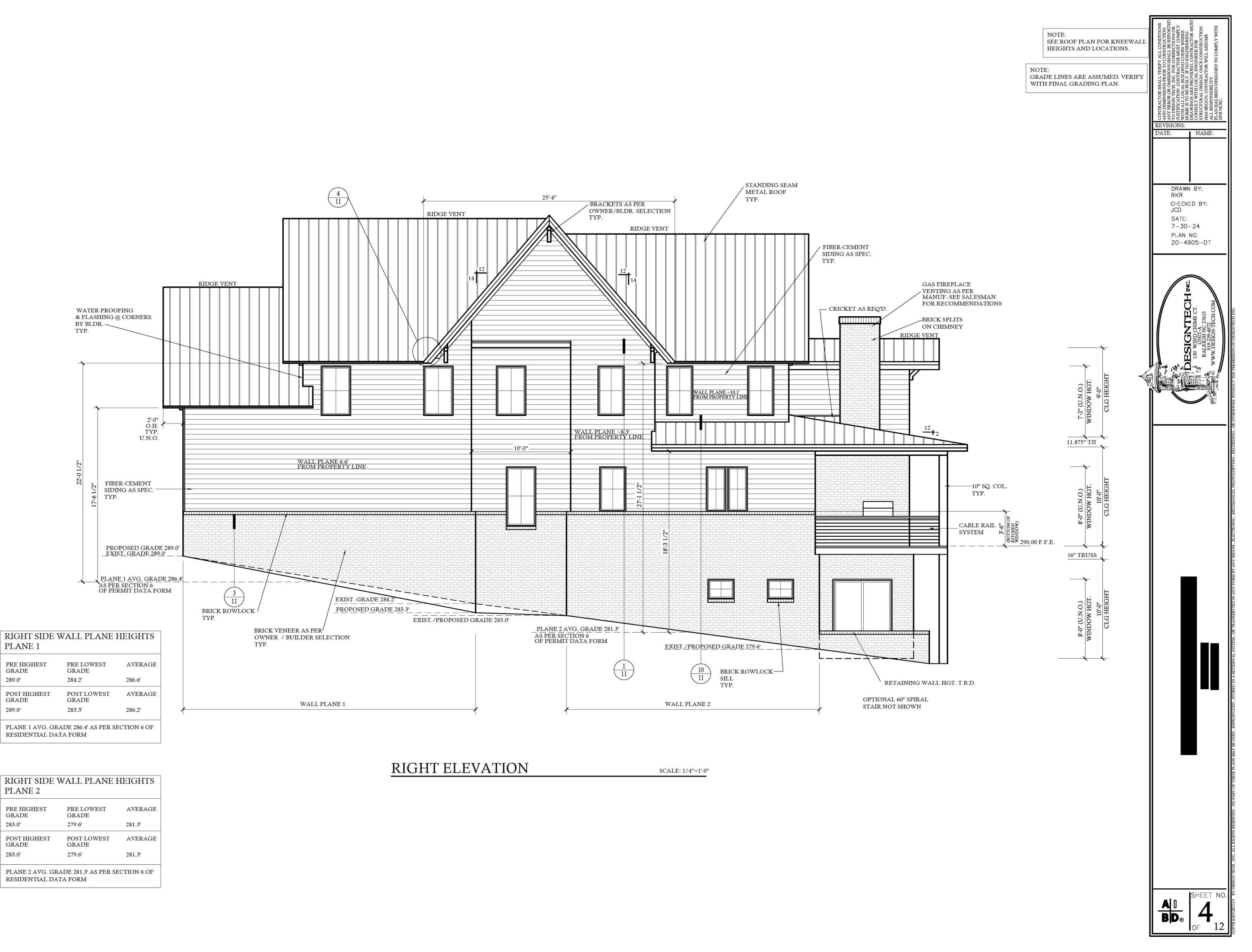
> DATE: 7 - 30 - 24PLAN NO. 20-4905-DT

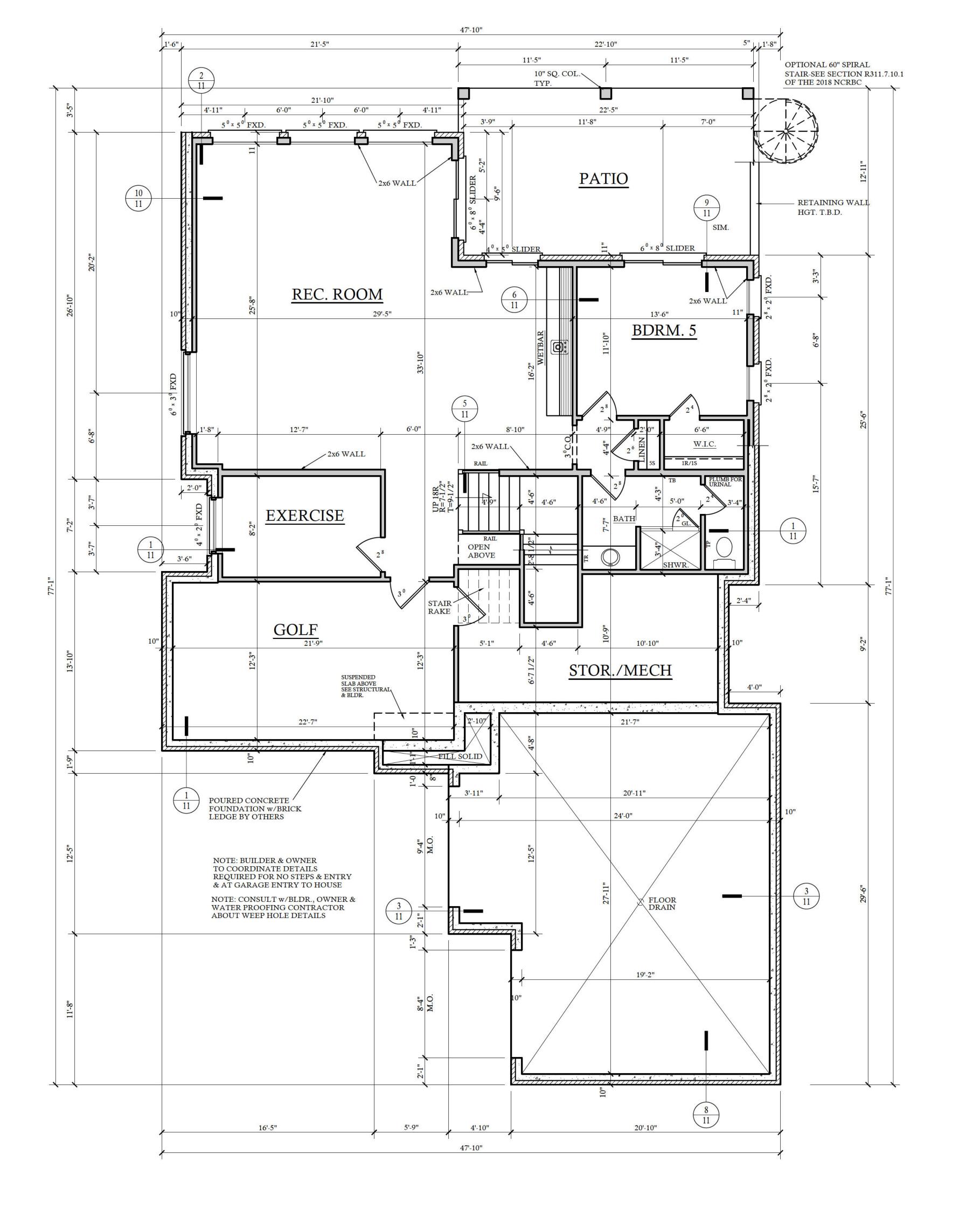




NOTE: SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.





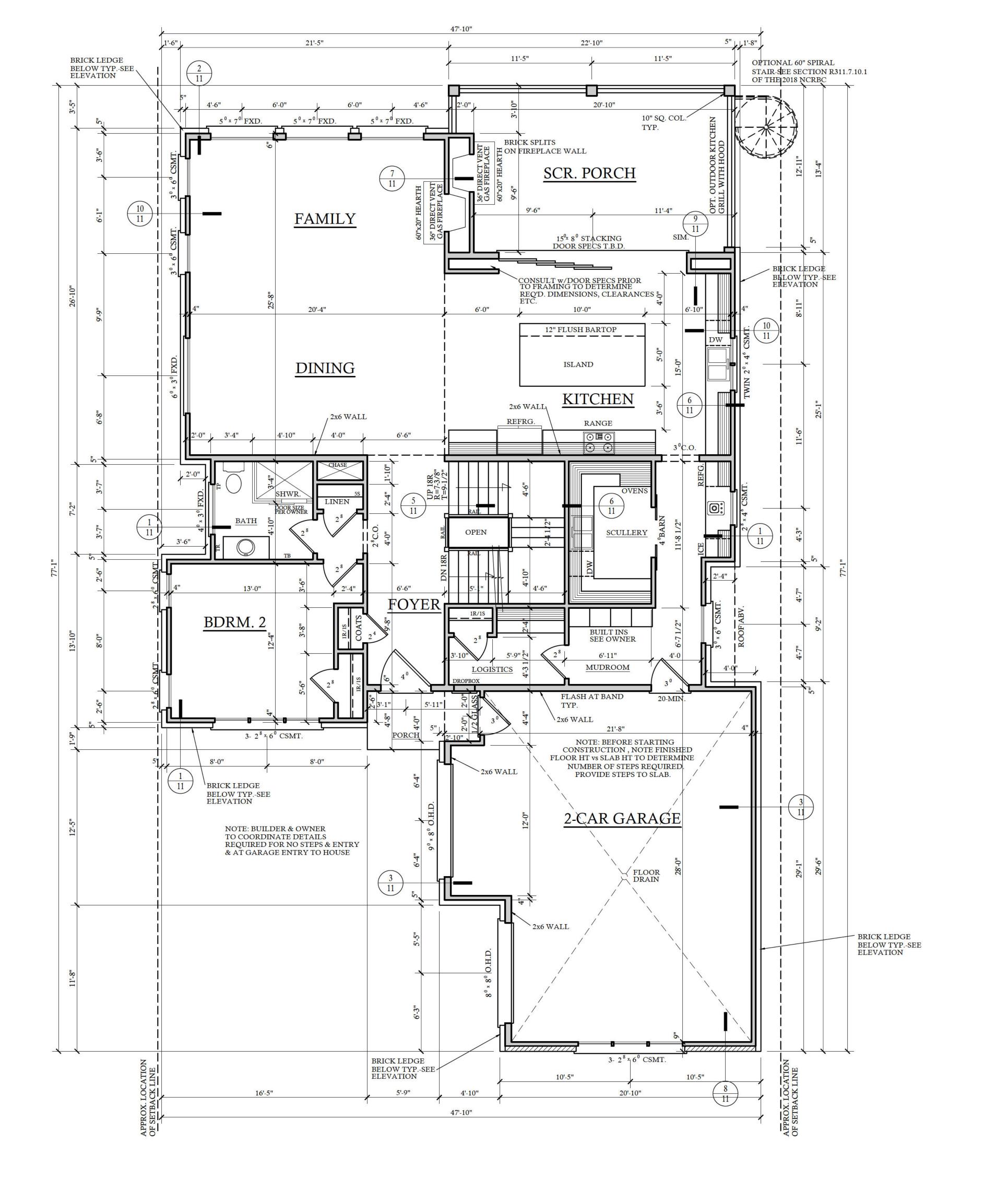


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BASEMENT PLAN

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

10'-0" CLG. HGT. U.N.O. SET WINDOWS @ 8'-0" U.N.O. A I OF 12



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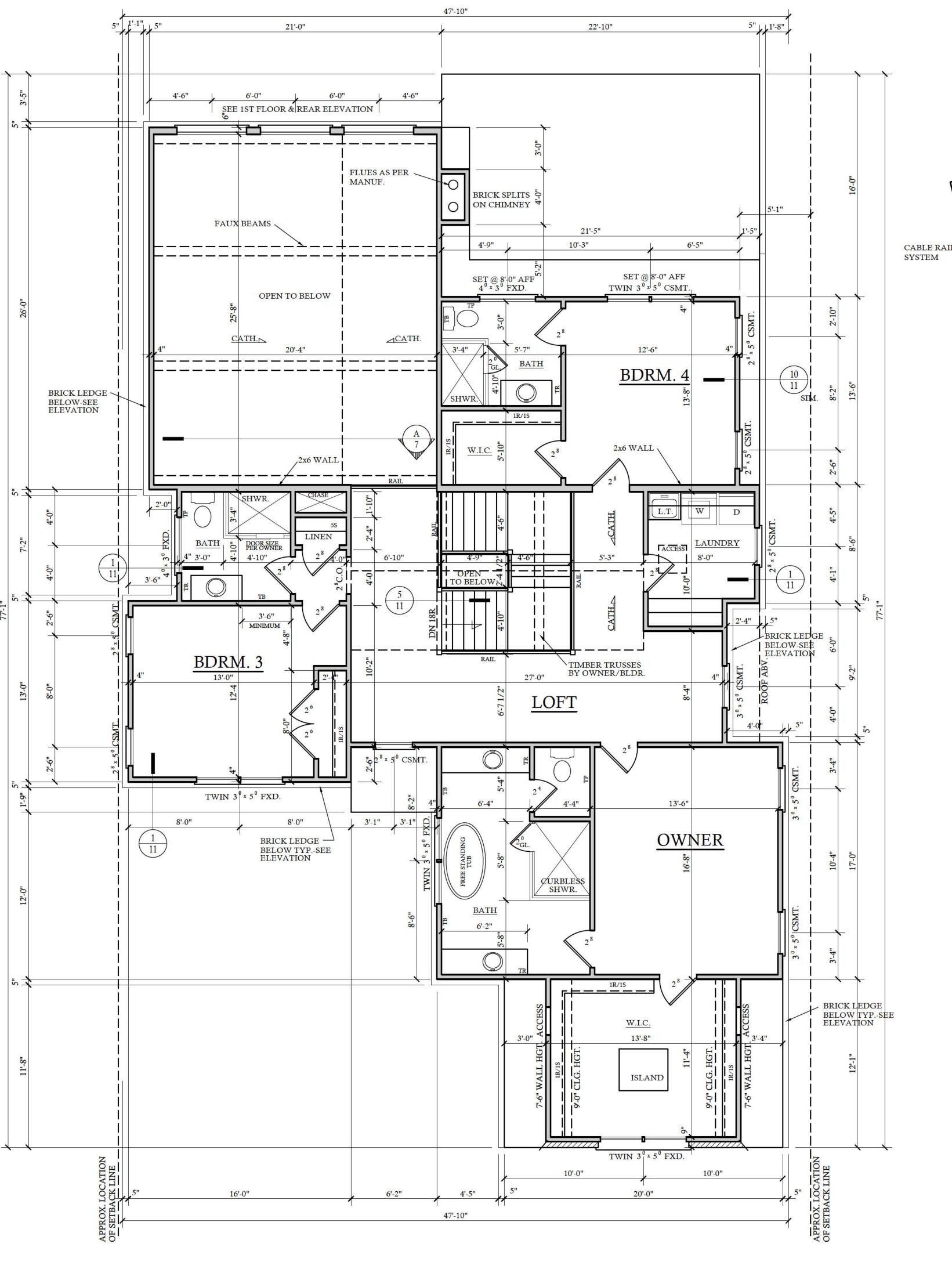
NOTE:
ALL DOORS AND CASED
OPENINGS ON THE FIRST
FLOOR TO BE 8'-0" TALL (U.N.O.)

FIRST FLOOR PLAN
10'-0" CLG. HGT. U.N.O.

SET WINDOWS @ 8'-0" U.N.O.

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

A 0 OF 6

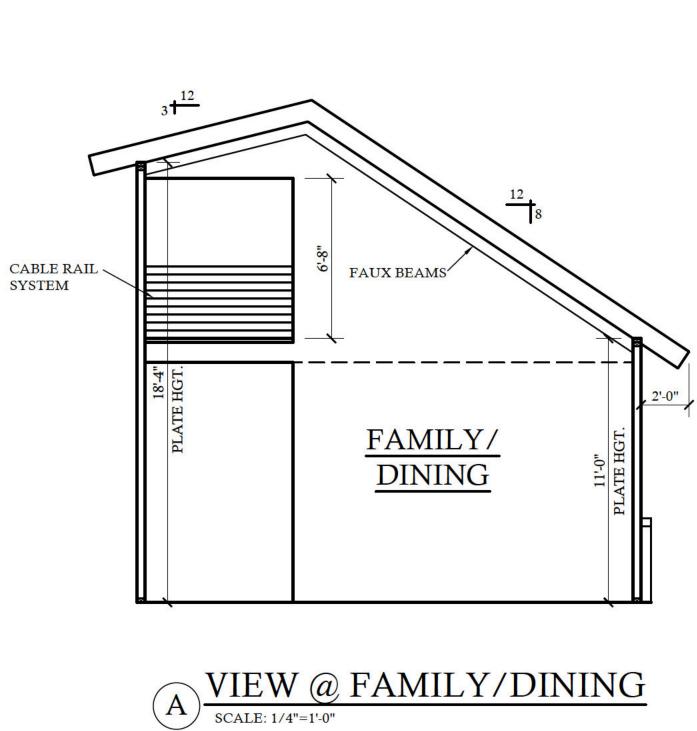


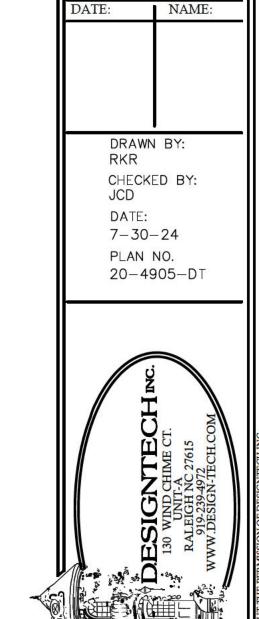
3'-0"

SET @ 14'-6" AFF 4<sup>0</sup> x 3<sup>0</sup> FXD.

TIMBER TRUSSES BY OWNER/BLOR. 18'-8"

STAIR DORMER PLAN



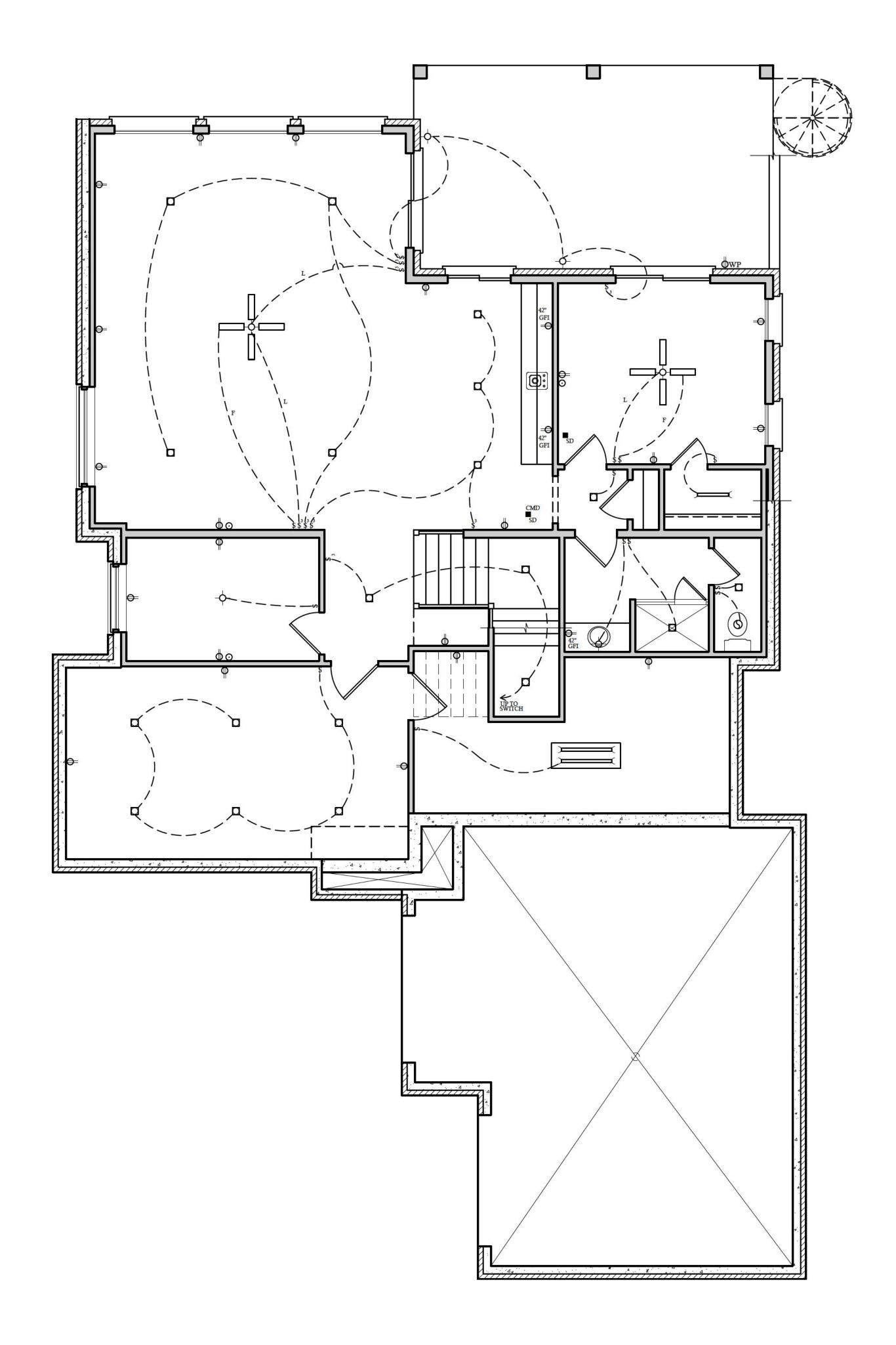


REVISIONS:

SECOND FLOOR PLAN

9'-0" CLG. HGT. U.N.O.

SET WINDOWS @ 7'-2" U.N.O.

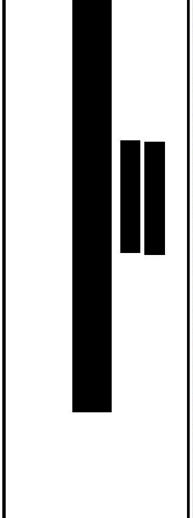


# ELECTRICAL LEGEND -**Ò**− - LIGHT FIXTURE O - FAN/LIGHT → WP WATERPROOF OUTLET RECESSED LIGHTING CAN LIGHT W/ FAN \$ - SINGLE SWITCH \$ - 3-WAY SWITCH \$ - 4-WAY SWITCH \$ - DIMMER SWITCH CMD CARBON MONOXIDE DETECTOR SD SMOKE DETECTOR ▶ - FLOOD LIGHTS ¬ - EYEBALL SPOTS DUPLEX RECEPTACLE (110V) - 220 VOLT RECEPTACLE SWITCHED RECEPTACLE (TOP WIRE ONLY) GFI - GROUND FAULT CIRCUIT INTERRUPTOR - CLG FAN/LIGHTS TRACK LIGHTS - FLUORESCENT/LED LIGHTING CABLE OUTLET ▲ - TELEPHONE OUTLET Δ - COMPUTER DATA OUTLET - INTERCOM NOTE: ALL ELECTRICAL INSTALLATIONS SHALL BE

IN ACCORDANCE WITH THE NEC.

# **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.
- SEE ELECTRICIAN, BUILDER, AND OWNER FOR POSSIBLE GENERATOR LOCATION, SWITCHES, RECEPTACLES, AND ATTACHMENTS. COORDINATE SIZE AND MODEL OF GENERATOR TO HANDLE LOADS ADEQUATELY.
- 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.
- 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.



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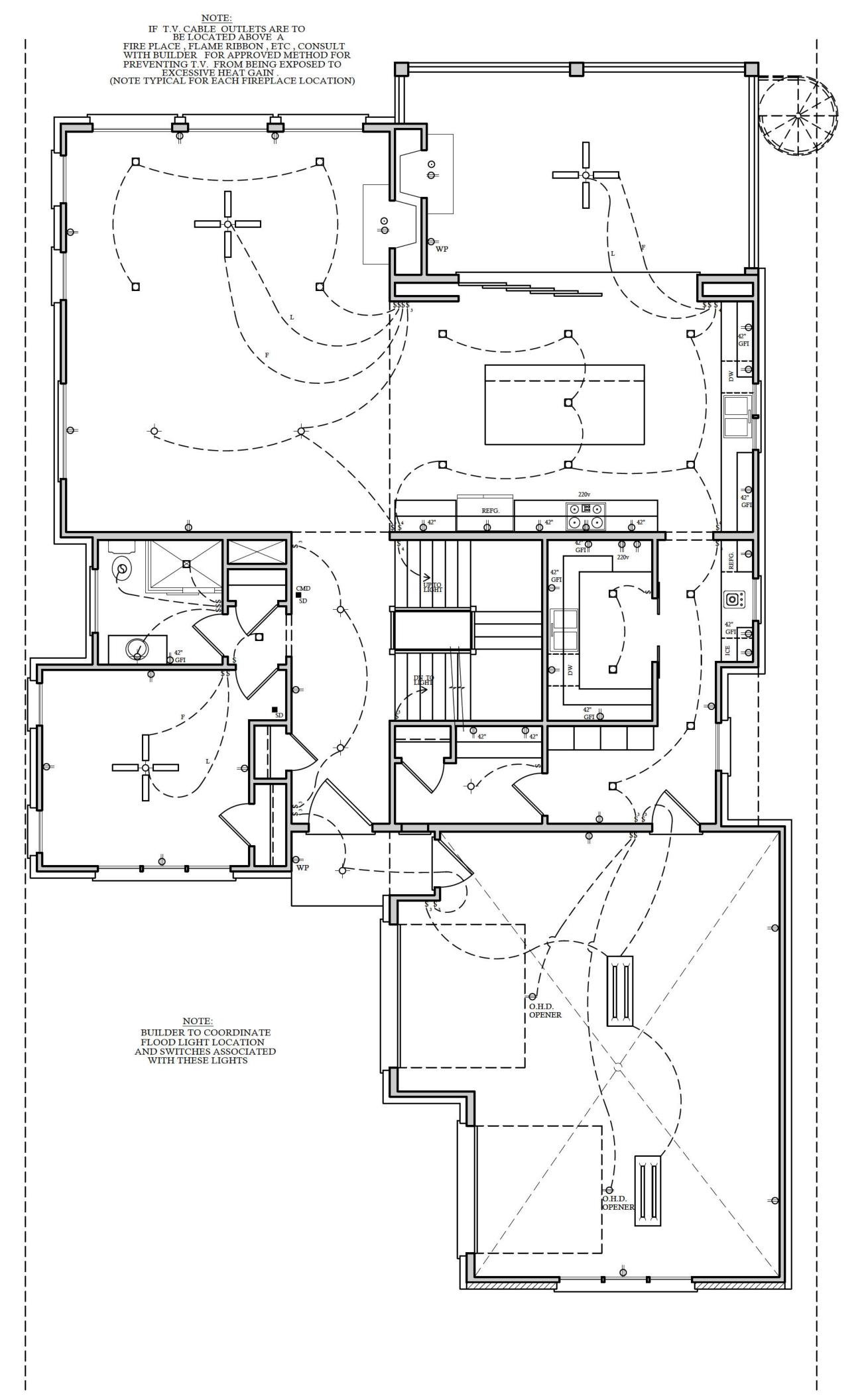
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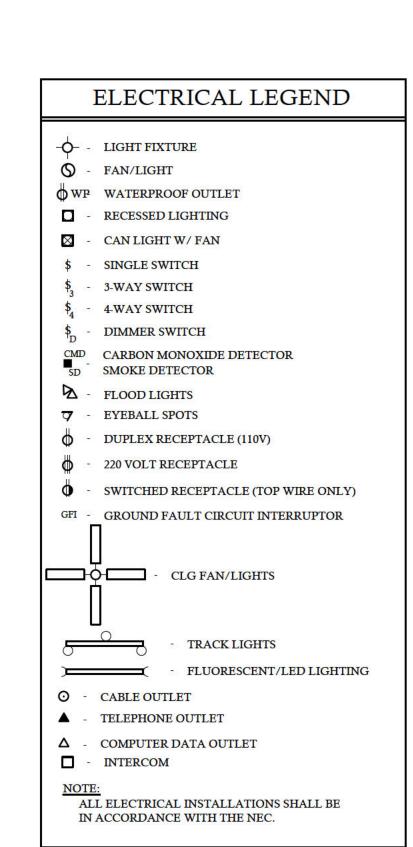
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7-30-24

PLAN NO.

20-4905-DT



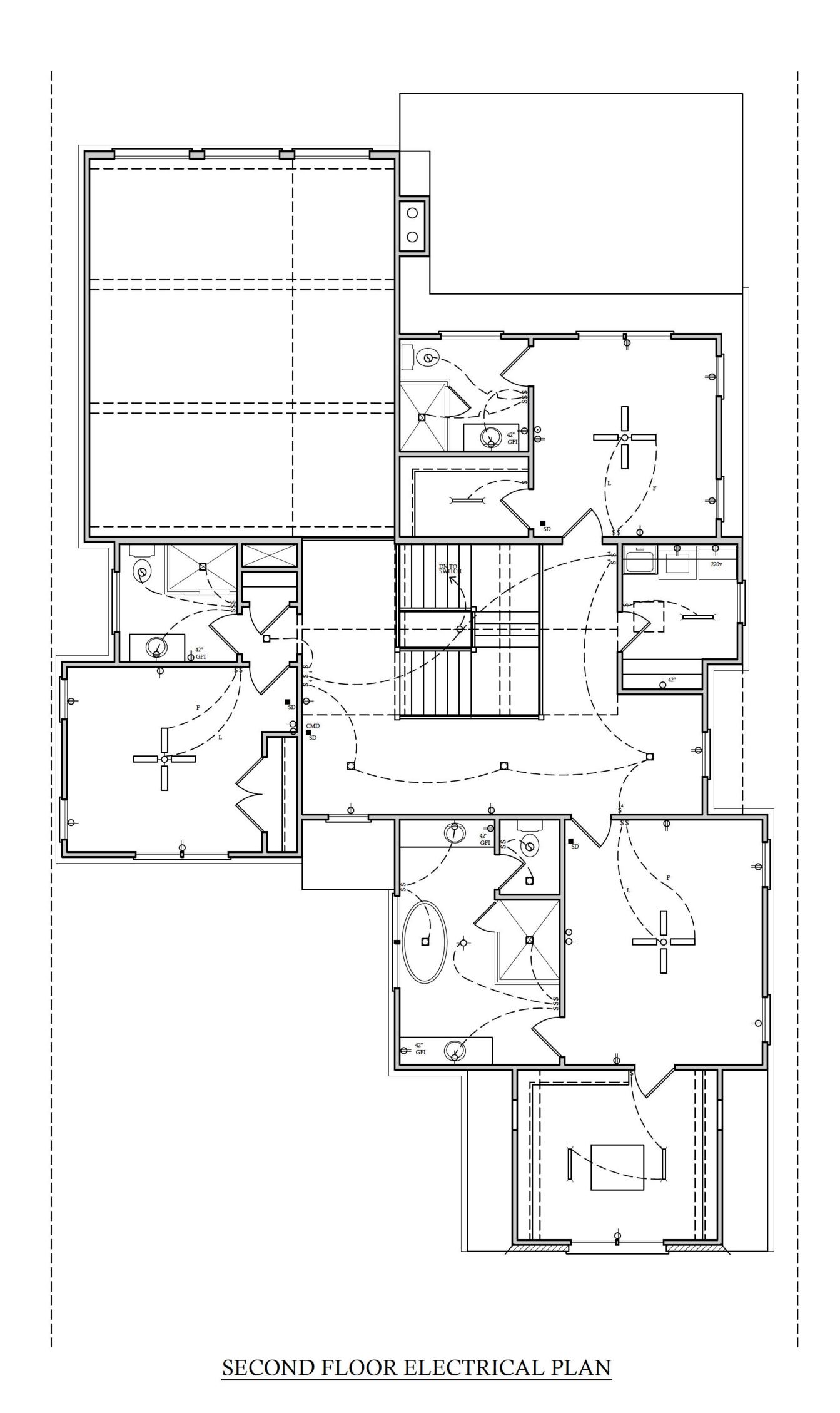


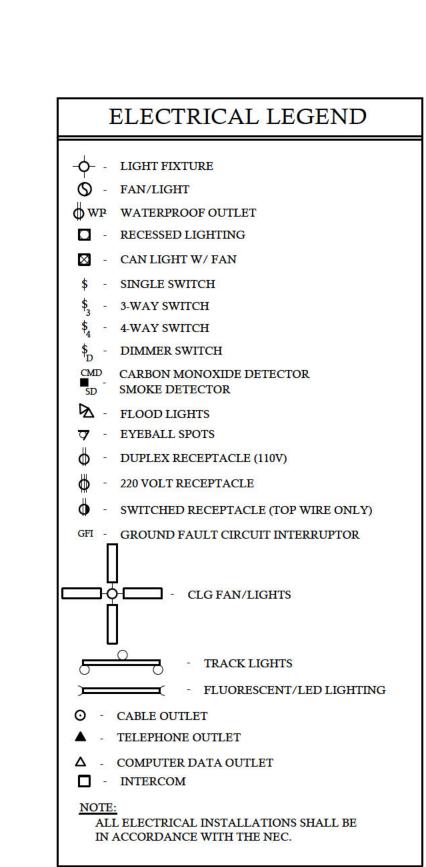
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