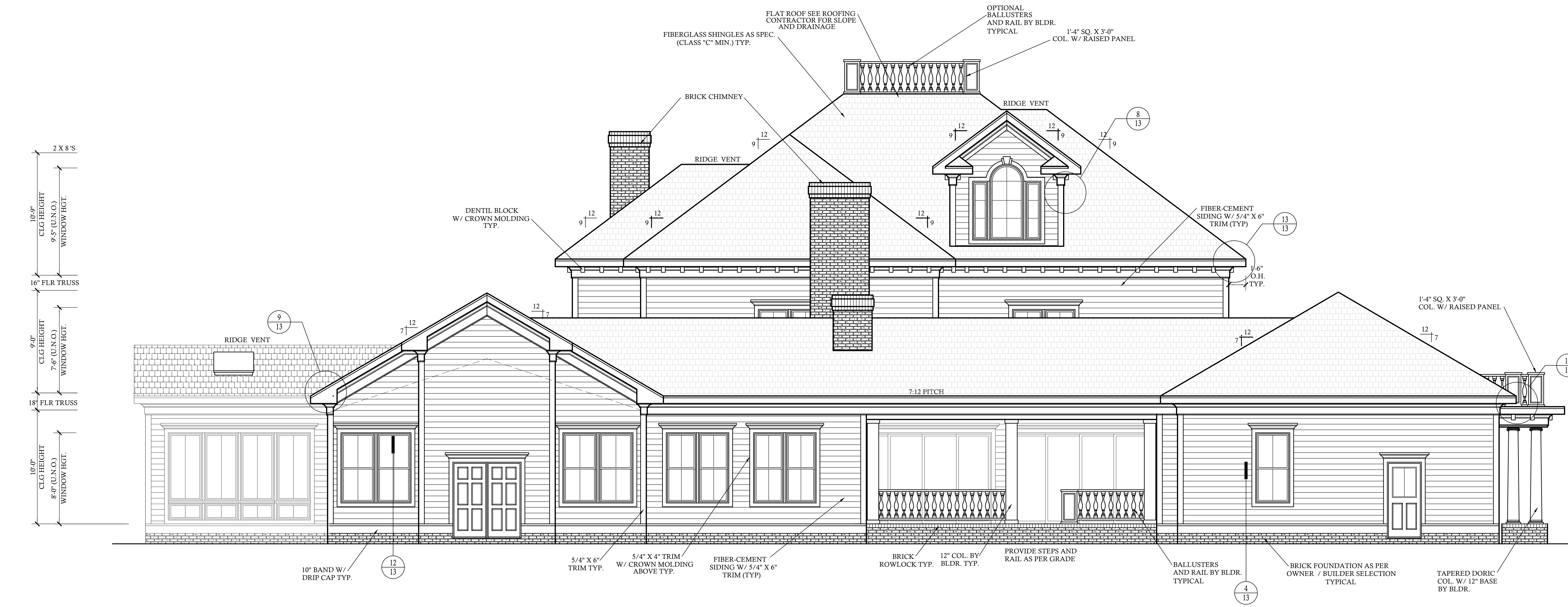


FRONT ELEVATION SCALE: 1/4"=1'-0"



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

LIST OF ABBREVIATIONS

CLG. : CEILING	ABV. : ABOVE
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
M.O. : MASONRY OPENING	TYP. : TYPICAL
SS= 5 SHELVES	
1R/1S = 1 ROD AND 1 SHELF	
2R/2S = 2 RODS AND 2 SHELVES	
SD= SMOKE DETECTOR	
CMD= CARBON MONOXIDE DETECTOR	

GENERAL PLAN NOTES

- SEE CHAPTER 6 OF 2018 NCR FOR WALL CONSTRUCTION.
- TEMPERED GLASS TO BE USED AT ALL SAFETY REQUIRED LOCATIONS ACCORDING TO 2018 NCR SECTION R308.4.
- DWELLING/GARAGE FIRE SEPARATION SHALL PER TABLE 302.6 OF 2018 NCR.
- ALL HABITABLE ROOMS SHALL MEET LIGHT/VENTILATION & EGRESS AS REQUIRED IN 2018 NCR SECTIONS R303.1 AND R310
- ALL ANGLED WALLS ARE 45° UNLESS NOTED OTHERWISE.
- VERIFY ALL WINDOW SIZES, RADIUS, AND DETAILS WITH CHOSEN MANUFACTURE.
- LOCATE DORMER FACE TO ALLOW 4" MIN. BELOW WINDOW FRAME.
- FLOOR PLAN NOTATIONS GOVERN OVER ELEVATION SCALE.
- ALL CABINET DESIGNS/LAYOUTS TO BE VERIFIED WITH OWNER VIA SHOP DRAWINGS FROM CABINET MANUF.
- FLOOR COVERINGS AND FINISHES BY OWNER/BLDR. COORDINATE HEIGHTS DUE TO THICKNESS CHANGES.
- ALL WINDOW GLAZING TO HAVE 0.32 U-FACTOR MIN. SEE TABLE E-4A, E-4B
- FINISHES OF SCREEN PORCH COLUMNS, RAILS, FLOORS, CEILINGS, SCREEN DOOR SYSTEM, AND DOOR TO PORCH BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS
- FINISHES FOR CLOSET SHELVING AND ROD BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS
- FINISHES OF ALL INTERIOR BASE BOARD, CLG. DETAIL / MOLDING, OPENING DETAILS, PASS-THRU, WAINSCOTTING DETAILS BY BLDR. & OWNER, PER CONTRACT SPECIFICATIONS

ACCESSORIES LEGEND

PROVIDE BLOCKING FOR:

TB = TOWEL BAR	MR = MAGAZINE RACK
TP = TOILET PAPER	MC = MEDICINE 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.)
1ST FLOOR: 5972	GARAGE: 1170
2ND FLOOR: 2823	BACK PORCH: 410
TOTAL: 8795	WRAP PORCH: 1818
	PORCHES: 460
	PUMP RM.: 91
	STOOP: 51
	BALCONY: 374
	GREENHOUSE: 100
	TOTAL: 4105 (UNHEATED)
OVERALL DIMENSION	UNFINISHED (SQ. FT.)
WIDTH: 108'-6"	GAME ROOM: 560
DEPTH: 125'-6"	ATTIC STORAGE: 1171

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RALEIGH, NC 27615
WWW.DESIGNTECHINC.COM

REVISIONS:

DATE	NAME

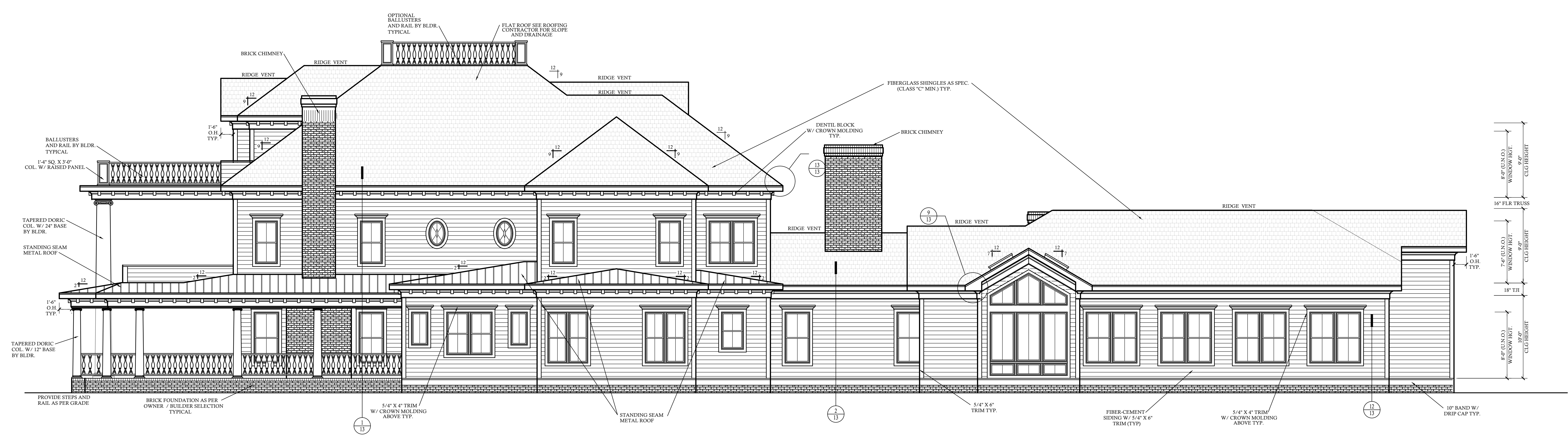
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PLAN NO. 20-10339-DT

BURGIN RESIDENCE

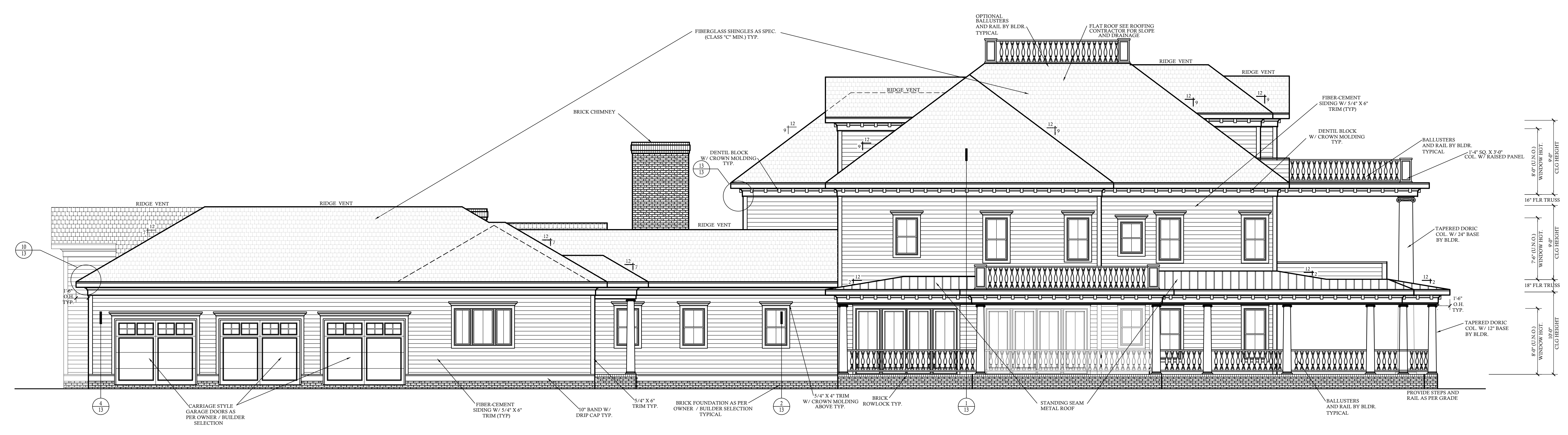
SHEET NO. 1 OF 13

NOTE: SEE ROOF PLAN FOR KNEEWALL HEIGHTS AND LOCATIONS.

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



RIGHT SIDE ELEVATION SCALE: 3/16"=1'-0"

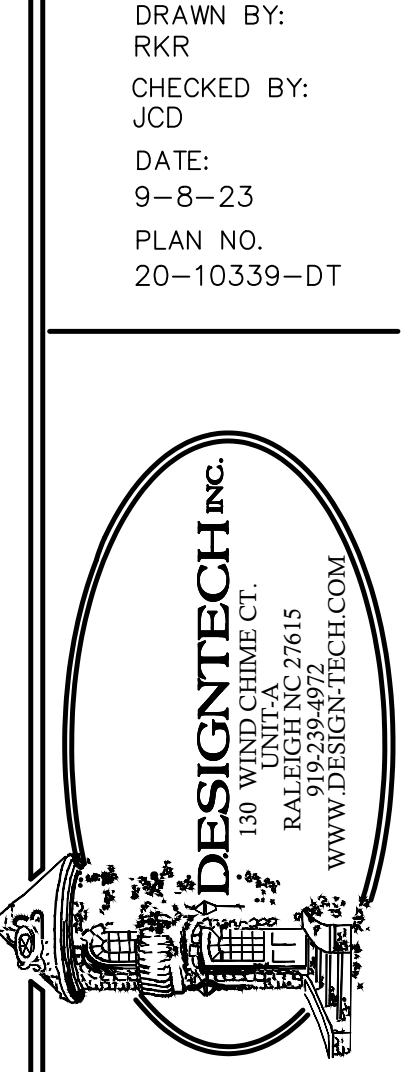


LEFT SIDE ELEVATION SCALE: 3/16"=1'-0"

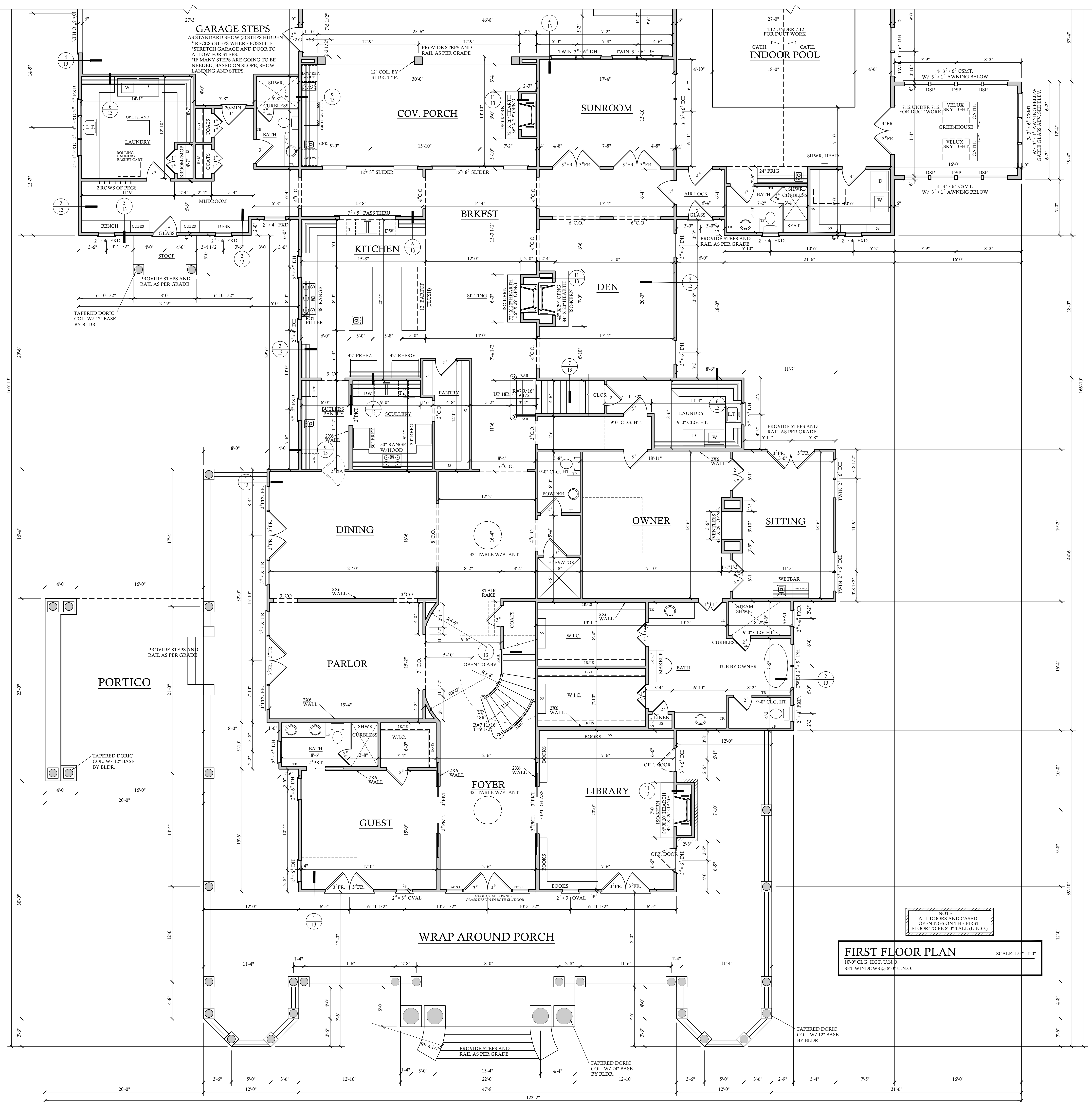
CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MATERIALS BEFORE BEGINNING WORK. ANY ERROR OR OMISSION SHALL BE THE USER'S RESPONSIBILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS BEFORE BEGINNING WORK. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS BEFORE BEGINNING WORK. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS BEFORE BEGINNING WORK.

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 PLAN NO. 20-10339-DT



BURGIN RESIDENCE



GARAGE STEPS
 AS STANDARD SHOW (3) STEPS HIDDEN
 * RECESS STEPS WHERE POSSIBLE
 * STRETCH GARAGE AND DOOR TO ALLOW FOR STEPS
 * IF MANY STEPS ARE GOING TO BE NEEDED, BASED ON SLOPE, SHOW LANDING AND STEPS.

FIRST FLOOR PLAN SCALE: 1/4"=1'-0"
 10'-0" CLG. HGT. U.N.O.
 SET WINDOWS @ 8'-0" U.N.O.

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

CONTRACTOR SHALL VERIFY ALL CONDITIONS
 ANY ERROR OR OMISSION SHALL BE THE
 RESPONSIBILITY OF THE CONTRACTOR. THE
 CONTRACTOR SHALL BE RESPONSIBLE FOR
 OBTAINING ALL NECESSARY PERMITS AND
 SHALL BE RESPONSIBLE FOR OBTAINING ALL
 NECESSARY INSURANCE COVERAGE. THE
 CONTRACTOR SHALL BE RESPONSIBLE FOR
 OBTAINING ALL NECESSARY INSURANCE
 COVERAGE. THE CONTRACTOR SHALL BE
 RESPONSIBLE FOR OBTAINING ALL
 NECESSARY INSURANCE COVERAGE.
 THIS PLAN HAS BEEN PREPARED BY COMPANY WITH
 THE ASSISTANCE OF THE ARCHITECT.

REVISIONS:
 DATE: NAME:

DRAWN BY:
 RKR
 CHECKED BY:
 JCD
 DATE:
 8-8-23
 PLAN NO.
 20-10339-DT



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 130 WINDYBROOK CT.
 WEST HAVEN, CT 06611
 TEL: 203.393.7915
 WWW.DESIGNTECH.COM

BURGIN RESIDENCE

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND MEASUREMENTS BEFORE BEGINNING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE MADE IN THIS DRAWING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND MEASUREMENTS BEFORE BEGINNING ANY WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE MADE IN THIS DRAWING. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.

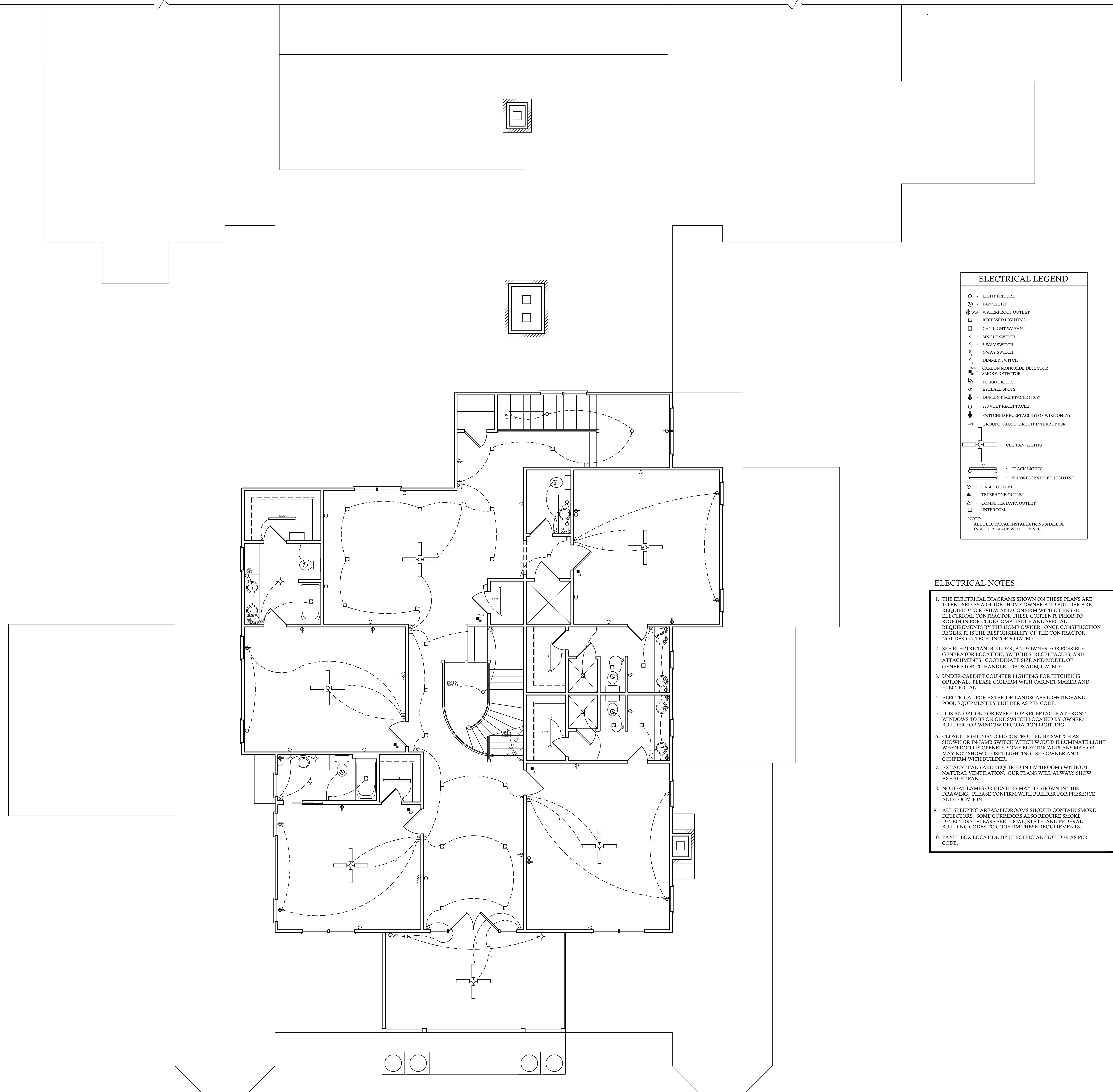
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20-10339-DT



BURGIN RESIDENCE



ELECTRICAL LEGEND

- - LIGHT FIXTURE
- - FAN/LIGHT
- ⊕WP - WATERPROOF OUTLET
- - RECESSED LIGHTING
- ⊕ - CAN LIGHT W/ FAN
- ⊕ - SINGLE SWITCH
- ⊕ - 3-WAY SWITCH
- ⊕ - 4-WAY SWITCH
- ⊕ - DIMMER SWITCH
- ⊕CD - 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
- △ - COMPUTER DATA OUTLET
- - INTERCOM

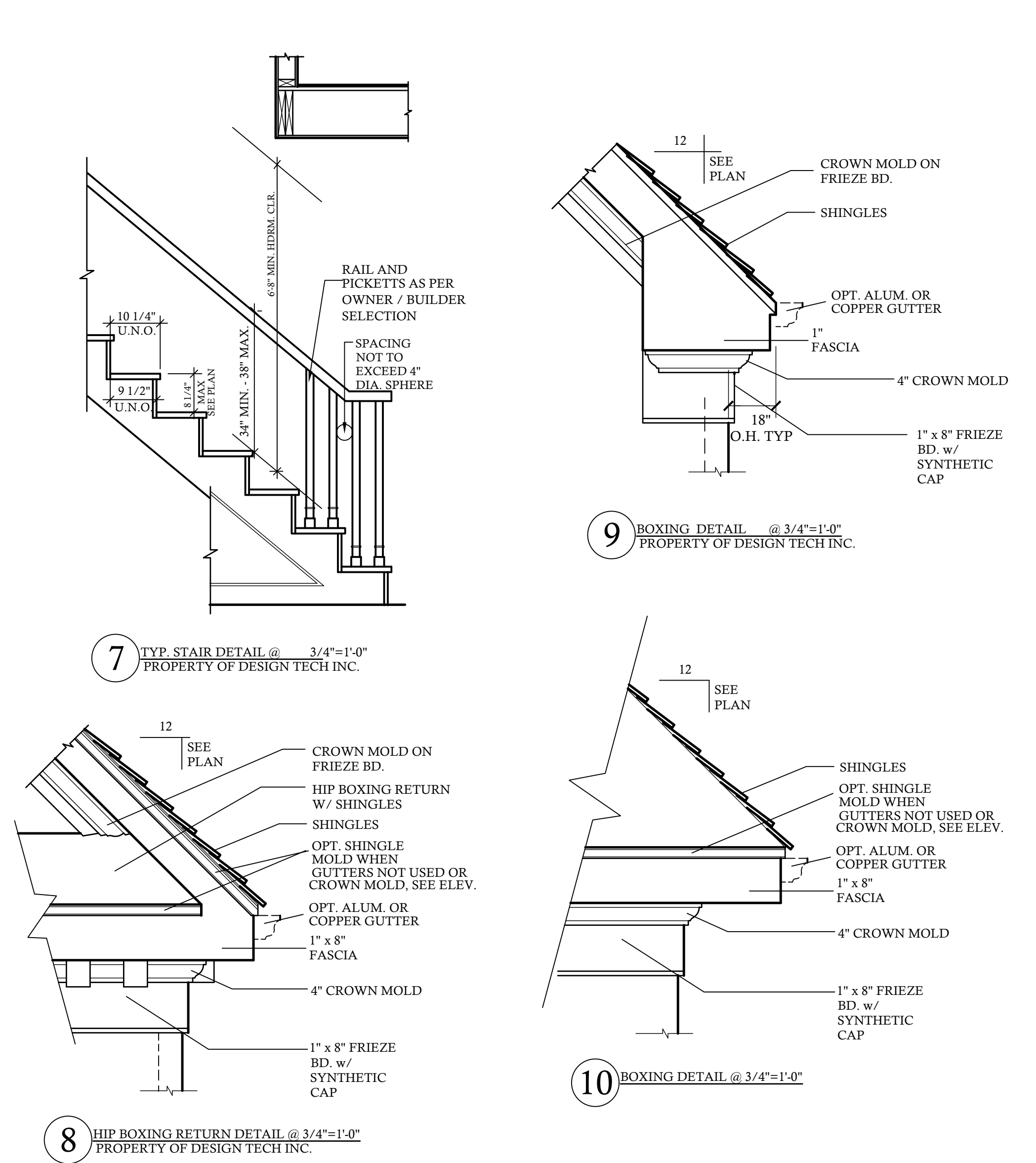
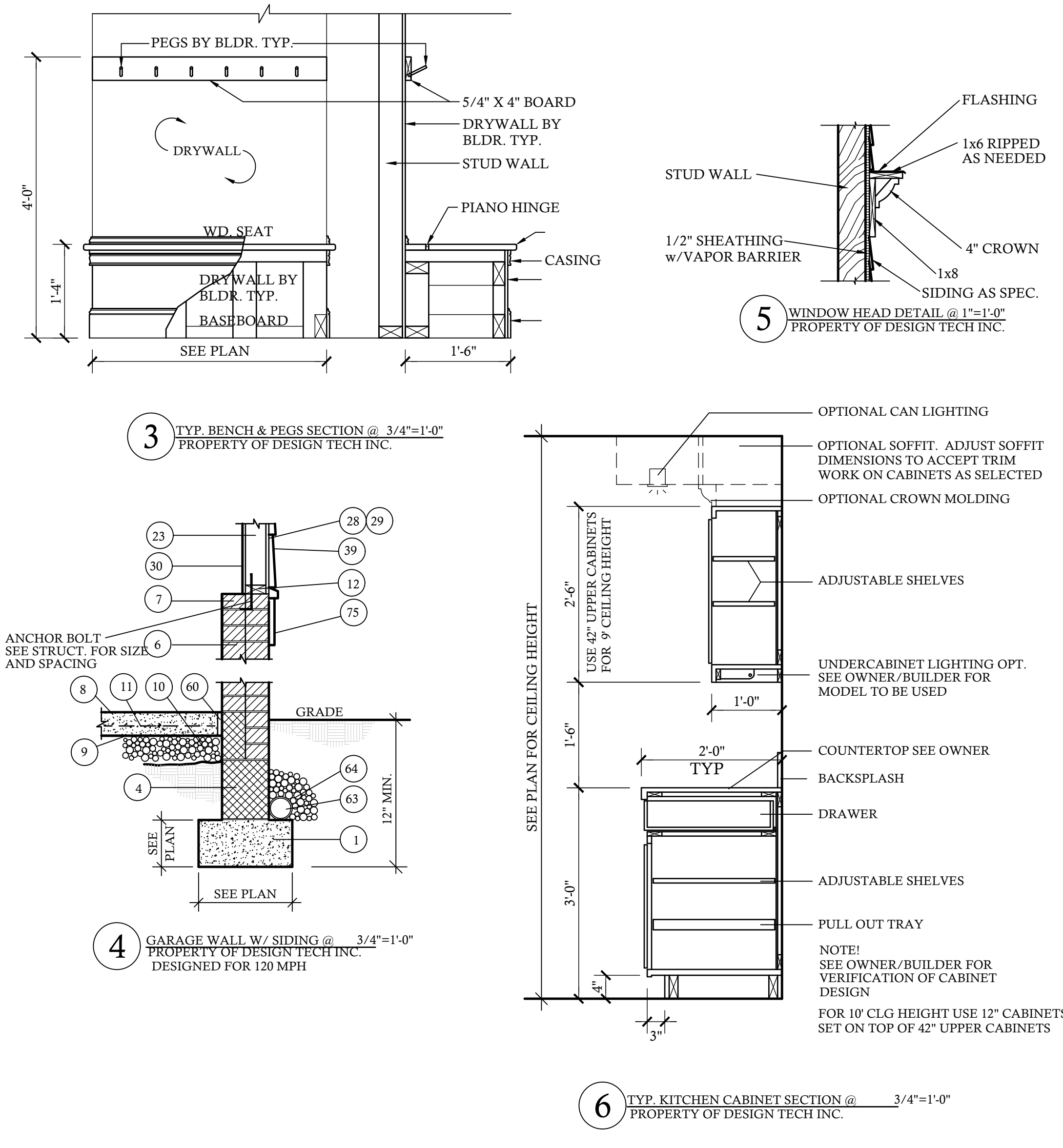
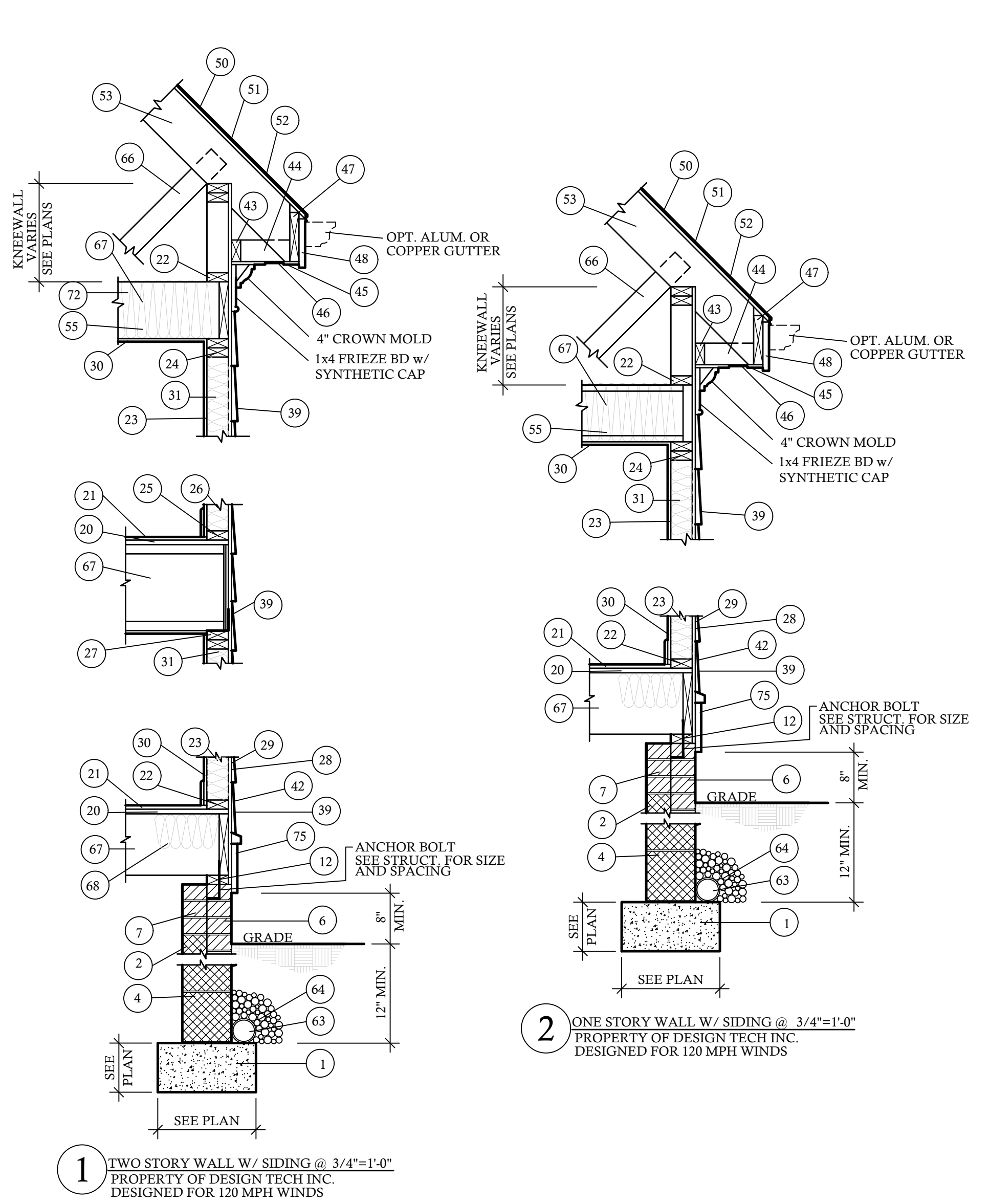
NOTE:
ALL ELECTRICAL INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE NEC.

- ### ELECTRICAL NOTES:
- 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 REGULATION LIGHTING.
 - 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.
 - EXHAUST FANS ARE REQUIRED IN BATHROOMS WITHOUT NATURAL VENTILATION. OUR PLANS WILL ALWAYS SHOW EXHAUST FAN.
 - 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.
 - PANEL BOX LOCATION BY ELECTRICIAN/BUILDER AS PER CODE.

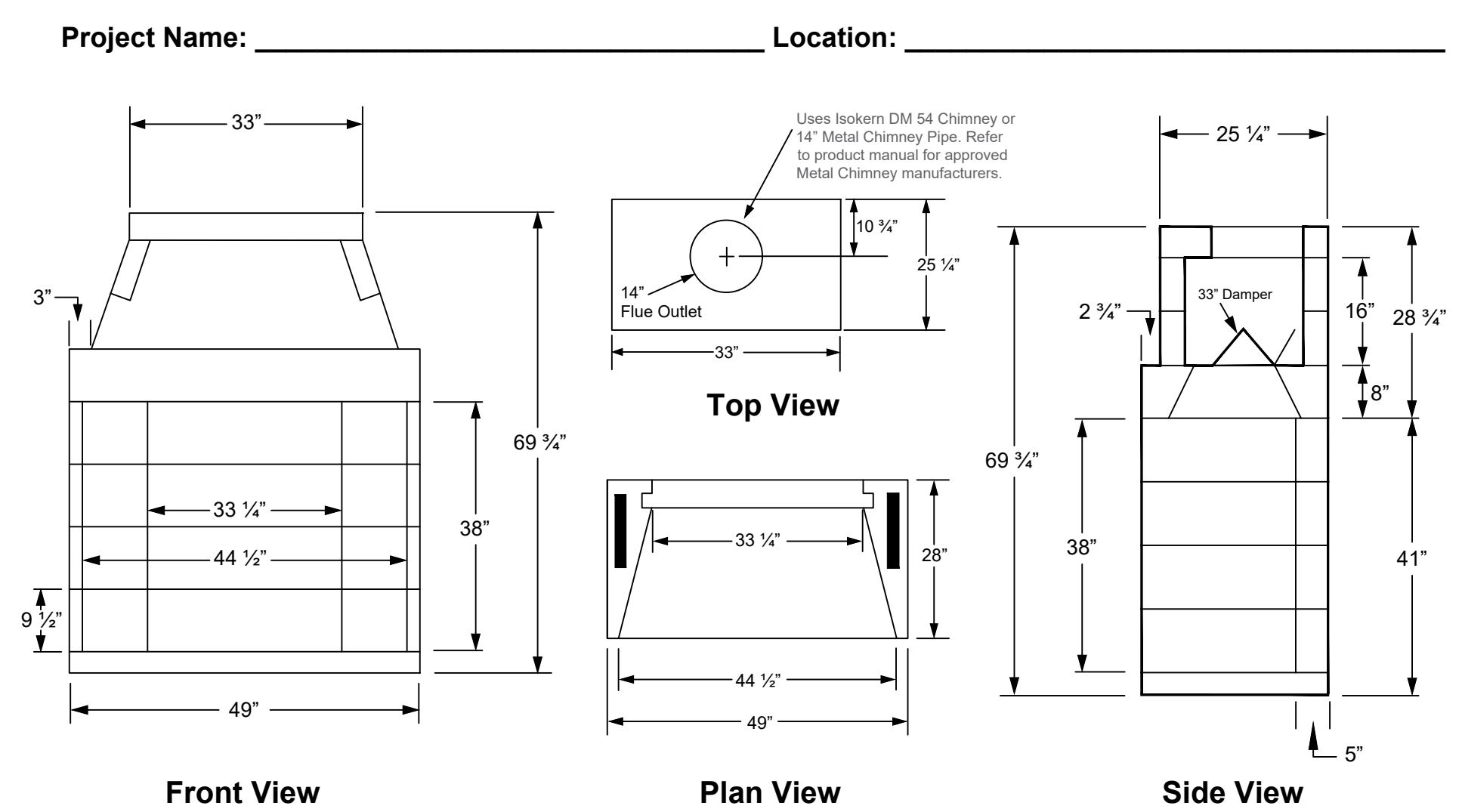
SECOND FLOOR ELECTRICAL

MATERIAL REFERENCE	
1. CONT. POURED CONC. FOOTING	42. 1" FRIEZE BOARD
2. 4" X 4" H.C.M.U.	43. NAILED
3. 4" X 4" H.C.M.U.	44. LUMBER
4. 4" X 4" H.C.M.U.	45. 3/8" EXT. FLYWOOD SOFFIT
5. 1/2" X 1/2" H.C.M.U.	46. SOFFIT VENT
6. BRICK	47. SUB FASCIA
7. SOLID MASONRY CAP	48. 1" X 4" FASCIA
8. CONCRETE SLAB	49. METAL DRIP STRIP
9. 4" CONCRETE BAR	50. SHINGLES AS SPECIFIED
10. 4" STONE BASE	51. 2" X 8" RAFTER
11. 6" X 6" (8) W.W.M.	52. 2" X 4" RATED SHEATHING
12. 2" X 4" TREATED SILL PLATE	53. 2" X 8" RAFTER
13. 2" X 4" TREATED SILL PLATE	54. 2" X 4" RATED SHEATHING
14. 2" X 4" JOIST	55. 3/8" BATT INSULATION MIN.
15. 2" X 4" BAND	56. C.M.U. PERK
16. 2" X 4" JOIST	57. TREATED 2" X 6" SHIM PLATE
17. 2" X 4" BAND	58. GUTTER SIZE PER PLAN
18. 2" X 4" JOIST	59. 2" X 4" TREATED SILL BOARD
19. 2" X 4" BAND	60. 1/2" EXPANSION JOINT
20. A.P.A. RATED UNDELEMENT	61. 1/2" RIGID INSULATION (R 5 MIN)
21. 2" X 4" STUD WALL	62. WATERPROOFING
22. 2" X 4" STUD WALL	63. 4" PERFORATED DRAIN TILE (SLOPE TO DRAIN)
23. 2" X 4" STUD WALL	64. CERESITE STONE W/ INFILTRATION BARRIER ABOVE
24. 2" X 4" STUD WALL	65. CONCRETE WASH
25. 2" X 4" STUD WALL	66. 2" X 4" RAFTER THE BACKS PER ENG. SPECS. AT MIN EVERY THIRD RAFTER.
26. 2" X 4" STUD WALL	67. SEE STRUCTURAL SHEETS FOR JOIST DIRECTION & SIZES
27. 2" X 4" STUD WALL	68. 8-19 BATT INSULATION (MIN)
28. 2" X 4" STUD WALL	69. POURED CONC. FND. WALL
29. 2" X 4" STUD WALL	70. OPT. TRIM OR BLDG.
30. 2" X 4" STUD WALL	71. STONE VENER
31. 2" X 4" STUD WALL	72. TRUSSES PER MANUFACTURER
32. BRICK VENER	73. FRUCCO DRIP CAP
33. WALL TR	74. STUCCO ON CMU OR CONCRETE WALL
34. WEIR FIELD 1/4" O.C. (REQ.)	75. BAND W/ DRIP CAP
35. FLASHING AS REQ. PER CODE	76. STUCCO RAFTER
36. SELF-FLUSHING GALV. METAL LATH	77. 2" X 4" TREATED SILL PLATE
37. METAL HEAD	78. 2" X 4" JOIST
38. STUCCO RAFTER	79. 2" X 4" BAND
39. SIDING AS SPECIFIED	80. 60 MIL. OR THRU WALL FLASHING
40. TPL 2" X BLOCKING	
41. WOOD FILLER	

	BRICK
	CONC. MASONRY UNIT
	CONCRETE
	STEEL
	EARTH
	BATT INSULATION
	RIGID INSULATION
	STUCCO
	WOOD
	STONE
	GRAVEL BED
	WELDED WIRE MESH
	DETAIL NUMBER SHEET NUMBER
	DRIFT ELEV. LETTER SHEET NUMBER
	SECTION NUMBER SHEET NUMBER
	ROOF PITCH RATIO
	ROOM NUMBER



Isokern Magnum 42" Fireplace



FIREPLACE OPTIONS

Hearth Height: _____

Brick Type: _____

Brick Color: _____

Brick Pattern: _____

Damper: _____

Chimney Type: _____

Offset: _____

Other Options: _____

Spark Arrestor/Termination: _____

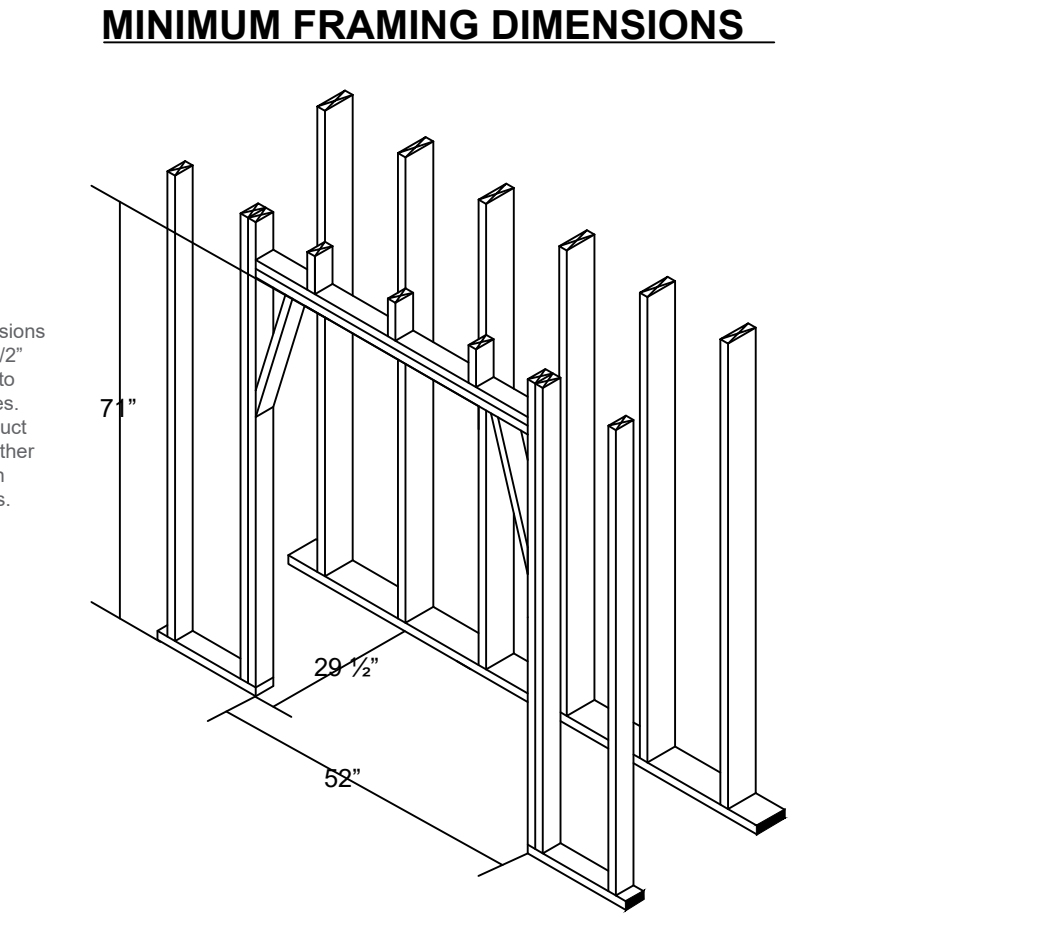
Enervex RSHT Chimney Fan: _____

Decorative Termination: _____

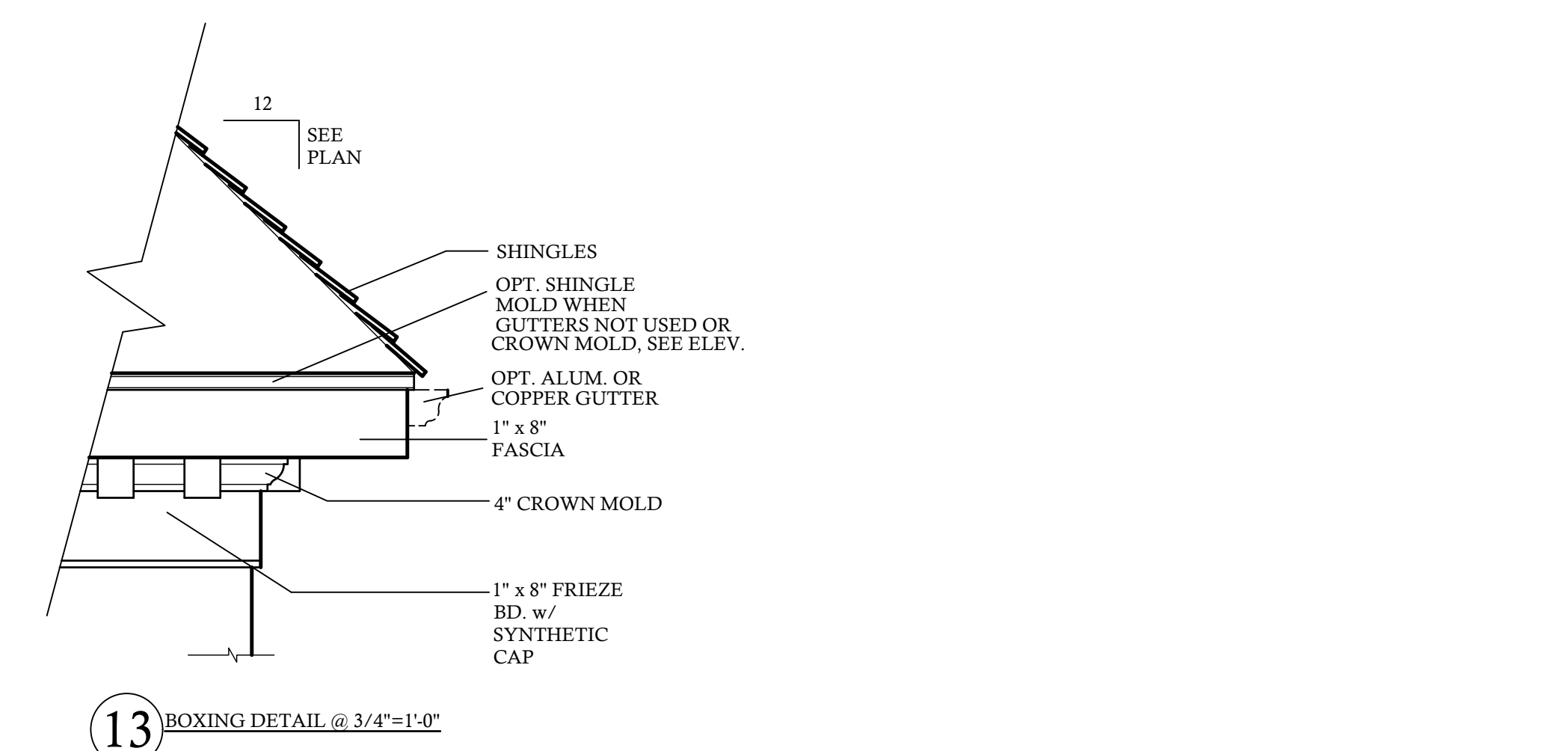
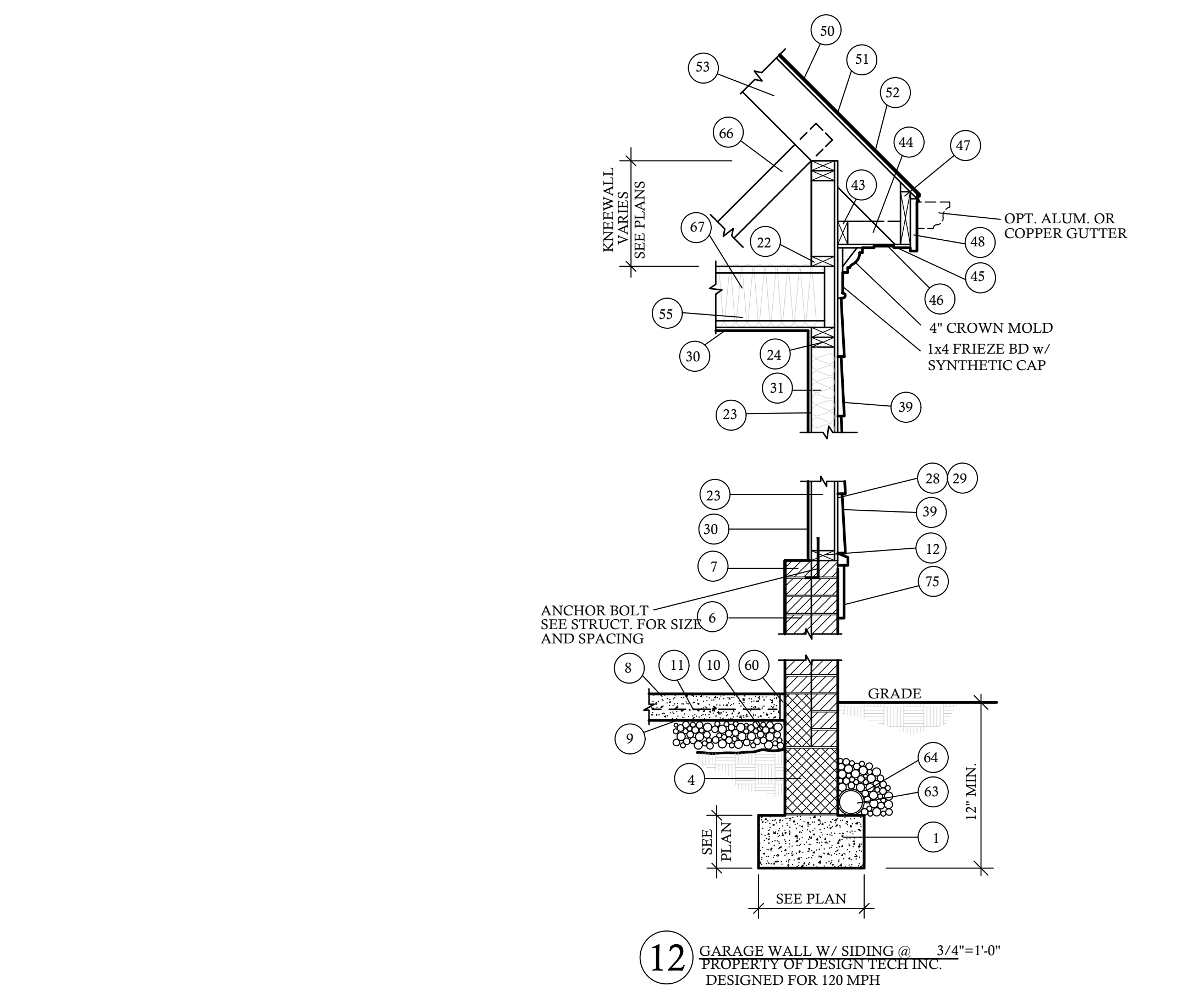
Gas Log Set: _____

Wood Grate: _____

Notes: _____



The total weight for the Magnum 42" fireplace is approximately 1420 lbs. This dry weight includes fireplace pumice components only, additional weight from mortar, damper, firebrick and chimney not included.

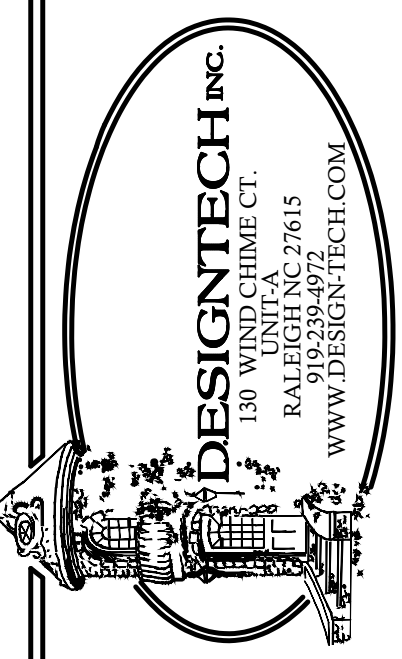


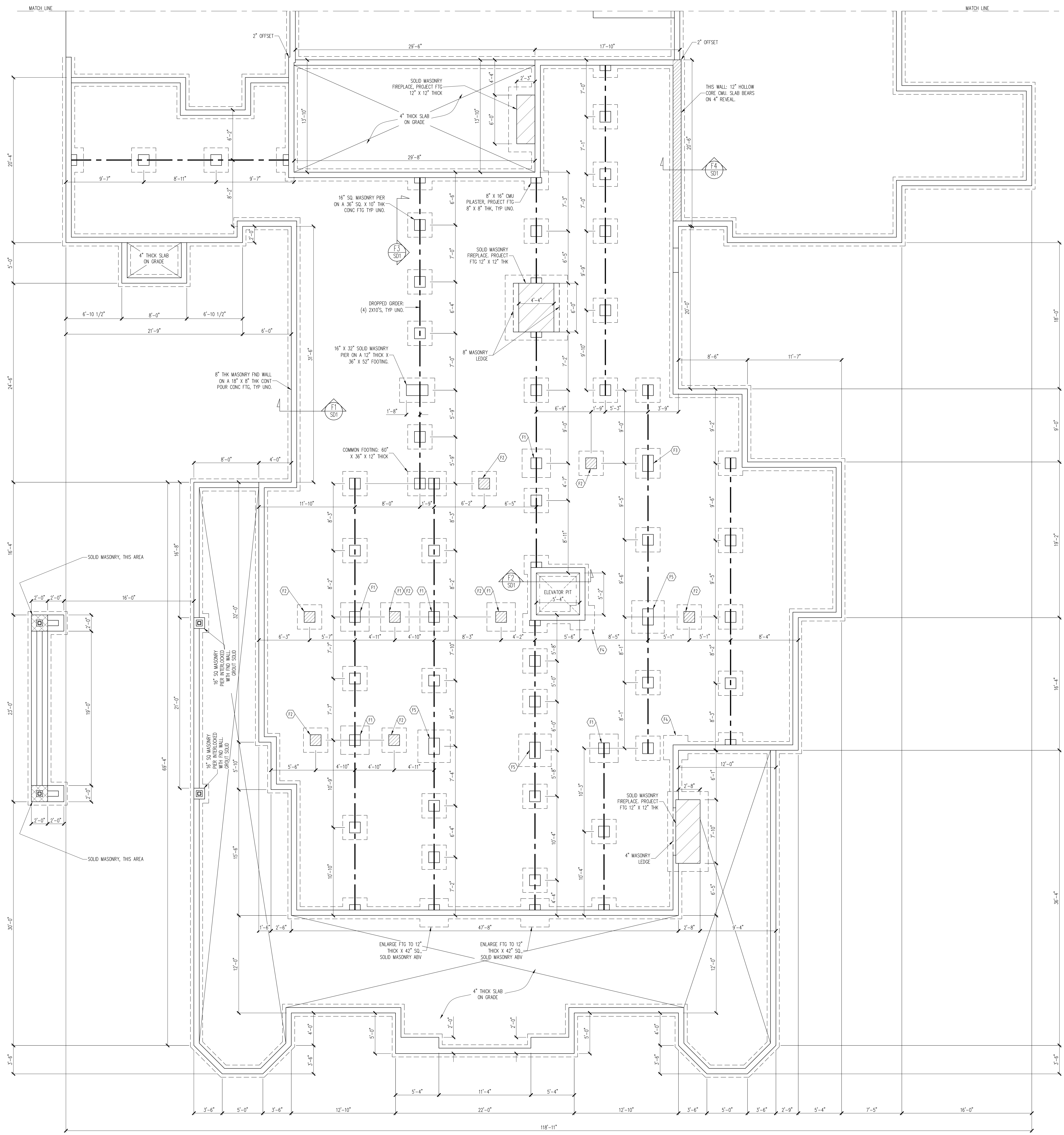
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REVISIONS:

DATE	NAME

DRAWN BY: RKR
 CHECKED BY: JCD
 DATE: 9-8-23
 PLAN NO. 20-10339-DT





CONSTRUCTION SPECIFICATIONS
INSTANT REFERENCES

REFER TO THE CONSTRUCTION SPECIFICATIONS SECTIONS FOR THE FOLLOWING INFORMATION:

PART 1.01: CURRENT GOVERNING CODE

PART 14: STUD SUPPORT FOR BEAMS

PART 16.02: GENERAL WALL BRACING NOTES

PART 17: KING STUDS FOR EXTERIOR WALLS

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

FOUNDATION SCHEDULE

F1 16" SQ. MASONRY PIER ON A 42" SQ X 12" THICK FOOTING WITH (5) #4 X 34" REBAR @ 48" O.C., BOTH DIRECTIONS, 3" CLR FROM BOTTOM OF FOOTING. GROUT PIER SOLID.

F2 FLUSH PIER SET AT FND WALL HGT

F3 16" X 24" MASONRY PIER ON A 48" X 36" X 12" THICK FOOTING. GROUT PIER SOLID.

F4 ENLARGE FOOTING TO 36" SQ X 12" THICK, SOLID MASONRY ABOVE.

F5 16" X 24" SOLID MASONRY PIER ON A 12" THICK X 48" SQ FTG WITH (5) #4 X 40" REBAR @ 8" O.C., BOTH DIRECTIONS, 3" CLR FROM BOTTOM.

NOTES:

-HEIGHT AND BACKFILL LIMITATIONS FOR FOUNDATION WALLS ARE TO BE GOVERNED BY THE NCSBC, LATEST EDITION

REINFORCEMENT AND GROUTING SHALL BE DETERMINED BY FINAL SITE CONDITIONS.

-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.

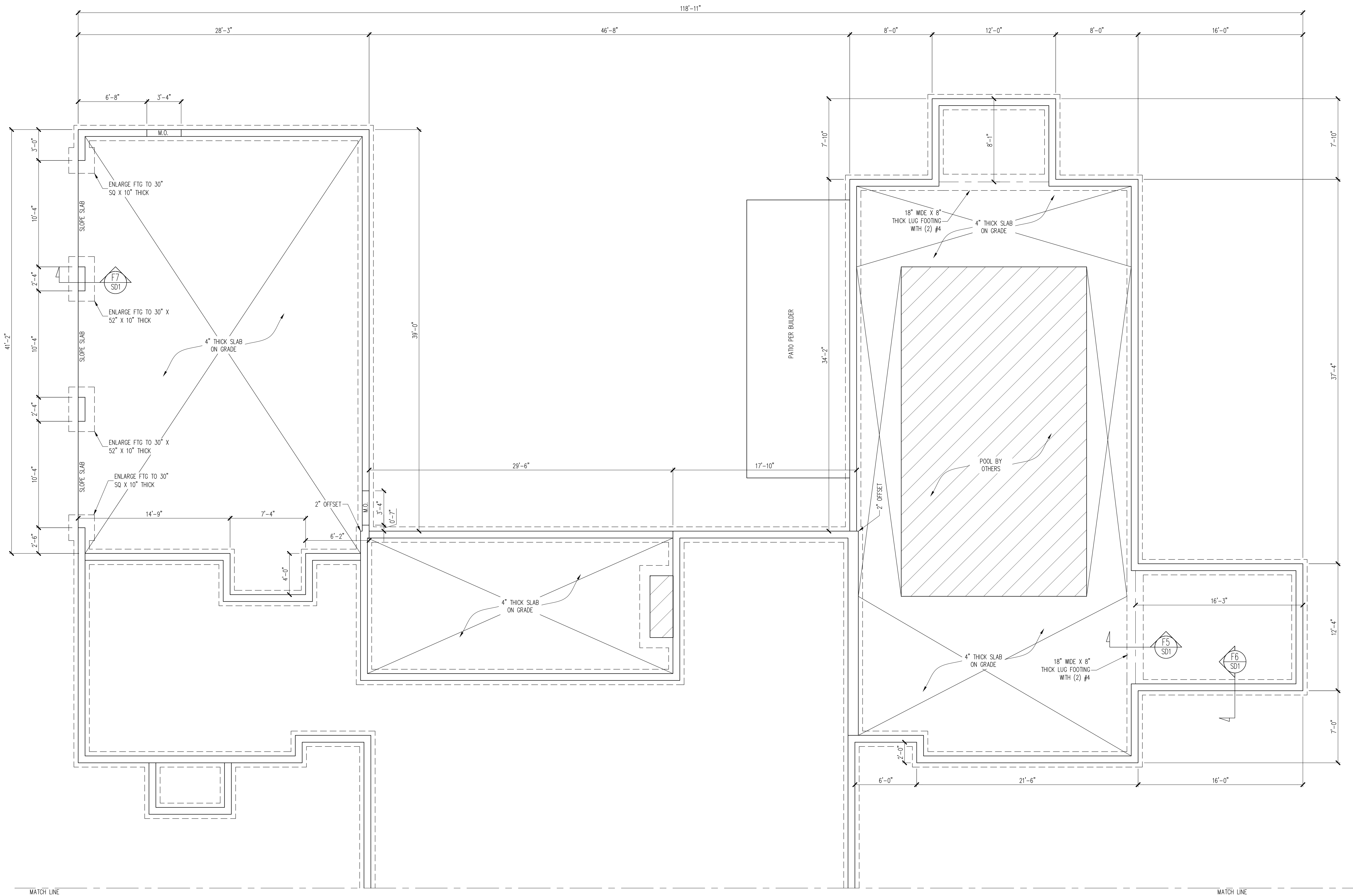
FOUNDATION PLAN
 1/4" = 1'-0"

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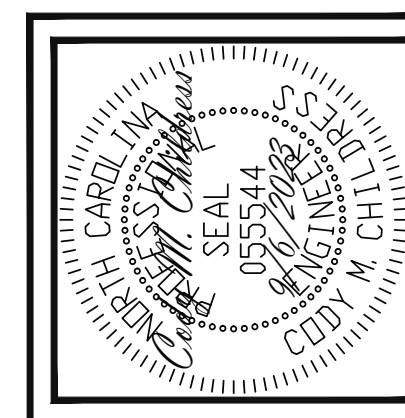


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 Raleigh, North Carolina 27609
 Phone (919) 844-1661

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STRUCTURAL ADDENDUM	REV # REF PROJ #
SCOPE: 2552 NATHAN MATHEWS RD	ANGIER, NC
LOC:	
ENG: CMC	DATE: 9/6/2023
PROJECT NO. 23-15-018	
SHEET NO. S1	
1 of 11	



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DESIGN TECH, INC	DATE
STRUCTURAL ADDENDUM	REV # REF PROJ #
SCOPE: 2552 NATHAN MATHEWS RD	ANGIER, NC

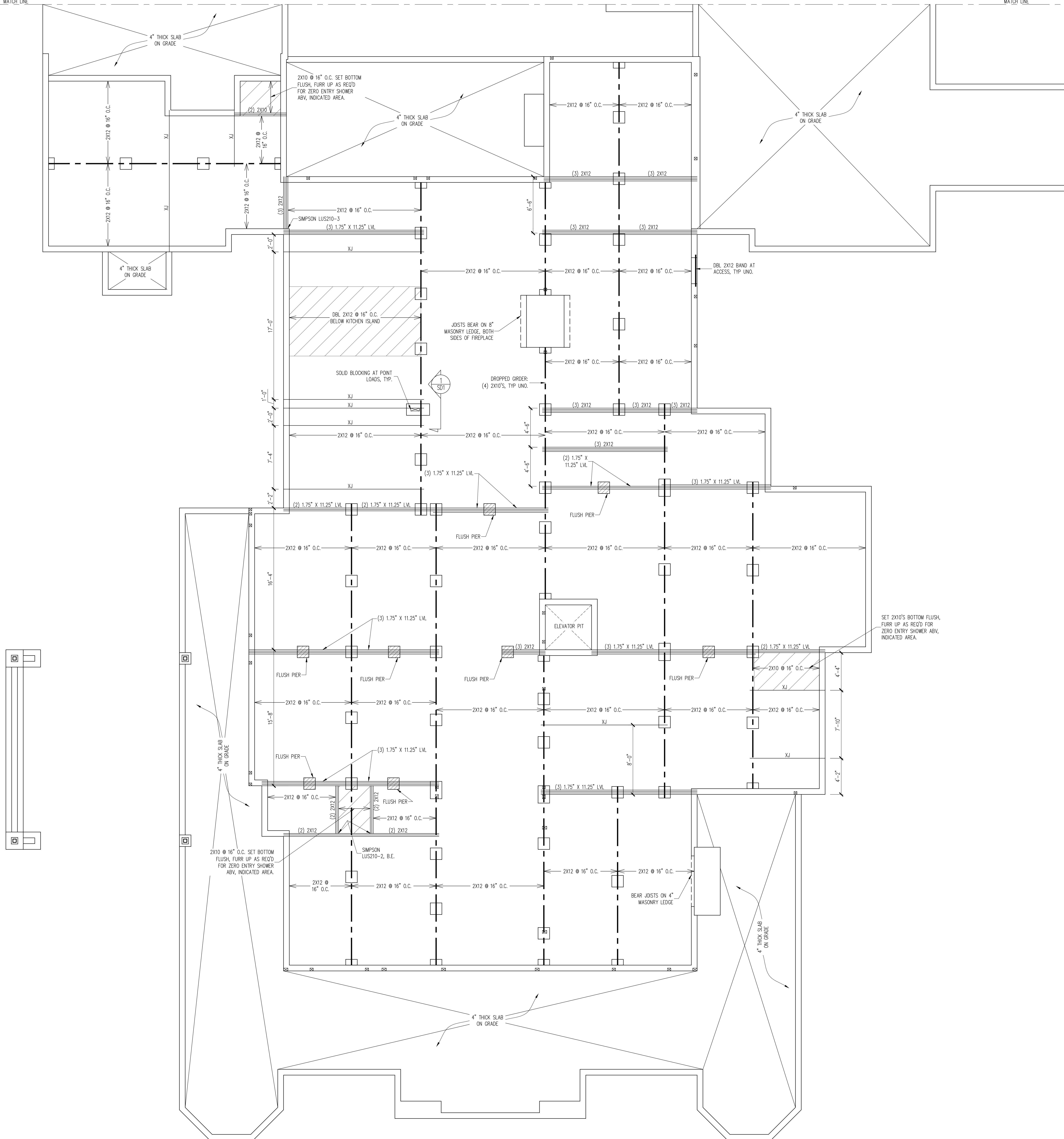
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 DATE: 9/6/2023

PROJECT NO.
 23-15-018

SHEET NO.
 S2
 2 of 11

MATCH LINE

MATCH LINE



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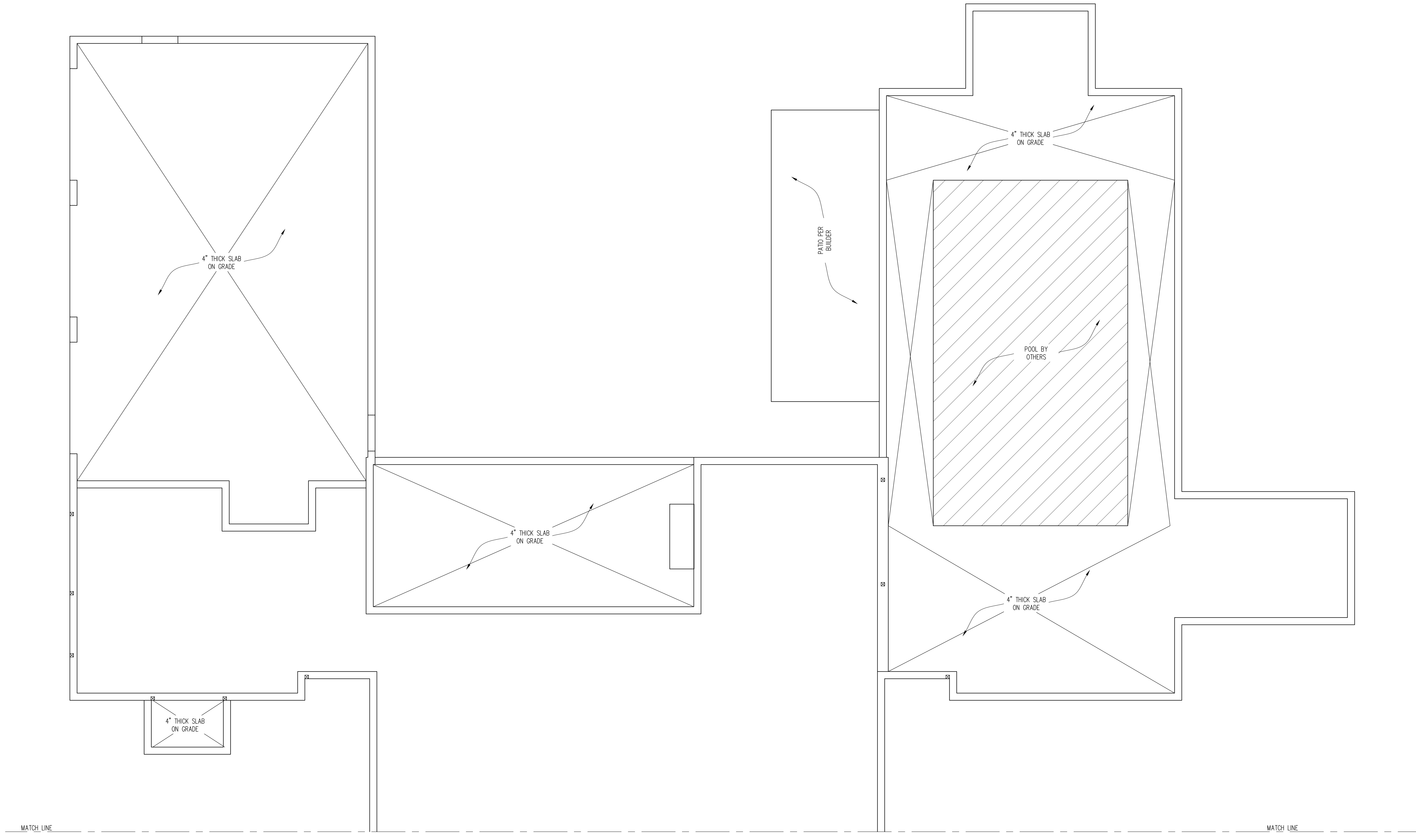
DESIGN TECH, INC.	DATE
STRUCTURAL ADDENDUM	REV # REF PROJ #
SCOPE: 2552 NATHAN MATHEWS RD	ANGIER, NC

ENG: CMC
 DATE: 9/6/2023

PROJECT NO.
 23-15-018

SHEET NO.
 S3

3 of 11



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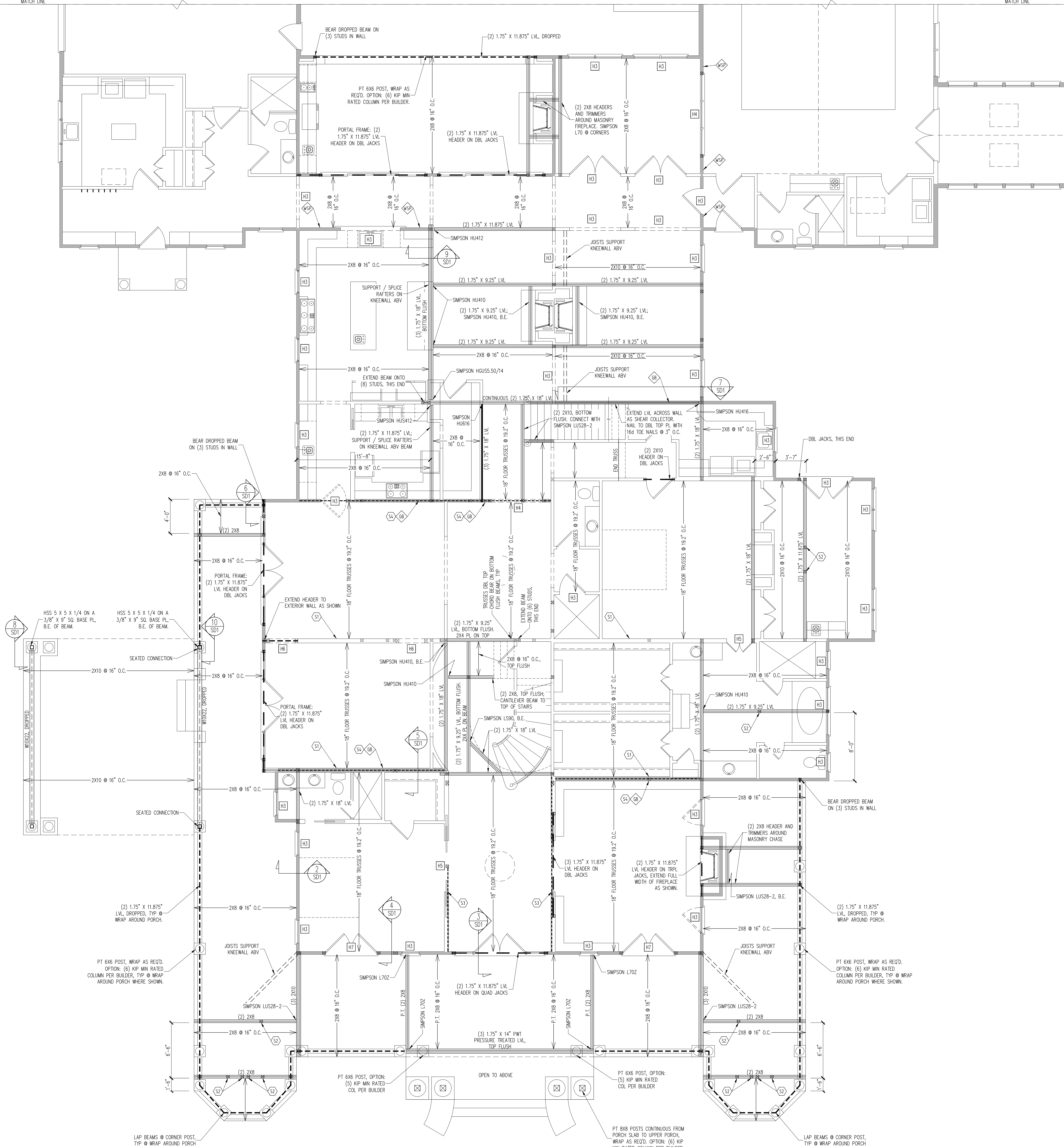
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 License No. C-3870
 318 W Millbrook Rd. Unit 201
 Raleigh, North Carolina 27609
 Phone (919) 844-1661

DESIGN TECH, INC	DATE
STRUCTURAL ADDENDUM	REV #
2552 NATHAN MATHEWS RD	REF PROJ #
ANGIER, NC	DATE

ENG: CMC
 DATE: 9/6/2023

PROJECT NO.
 23-15-018

SHEET NO.
 S4
 4 of 11



WALL BRACING

SHADED WALLS:
 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.
 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 R602.10.2 OF THE 2018 NDSBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL, OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS (BUILDER PERMITTED TO SUBSTITUTE "WSP" FOR ANY "GB" WALL)

NOTES:
 PROVIDED CONTINUOUS SHEATHING = 700' MIN.
 REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

FRAMING SCHEDULE

- FIRST FLOOR ONLY
- S1 2X6 STUDS @ 16" O.C., THIS WALL
 - S2 STIFF KNEE ABOVE
 - S3 LADDER TYPE TRUSS ABV WALL
 - S4 FULL HGT BLOCKING BETWEEN TRUSSES ABV INTERIOR BRACED WALL

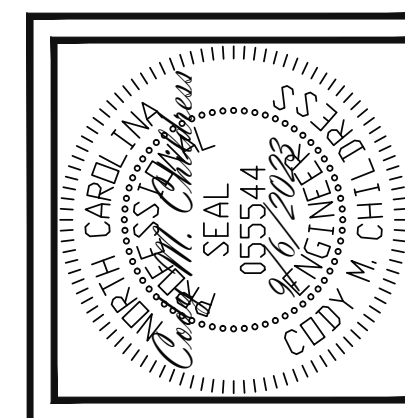
HEADER SCHEDULE

- 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
- H6 (3) 2X10'S ON DBL JACKS
- H7 (2) 1.75" X 9.25" LVL'S ON TRPL 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.

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

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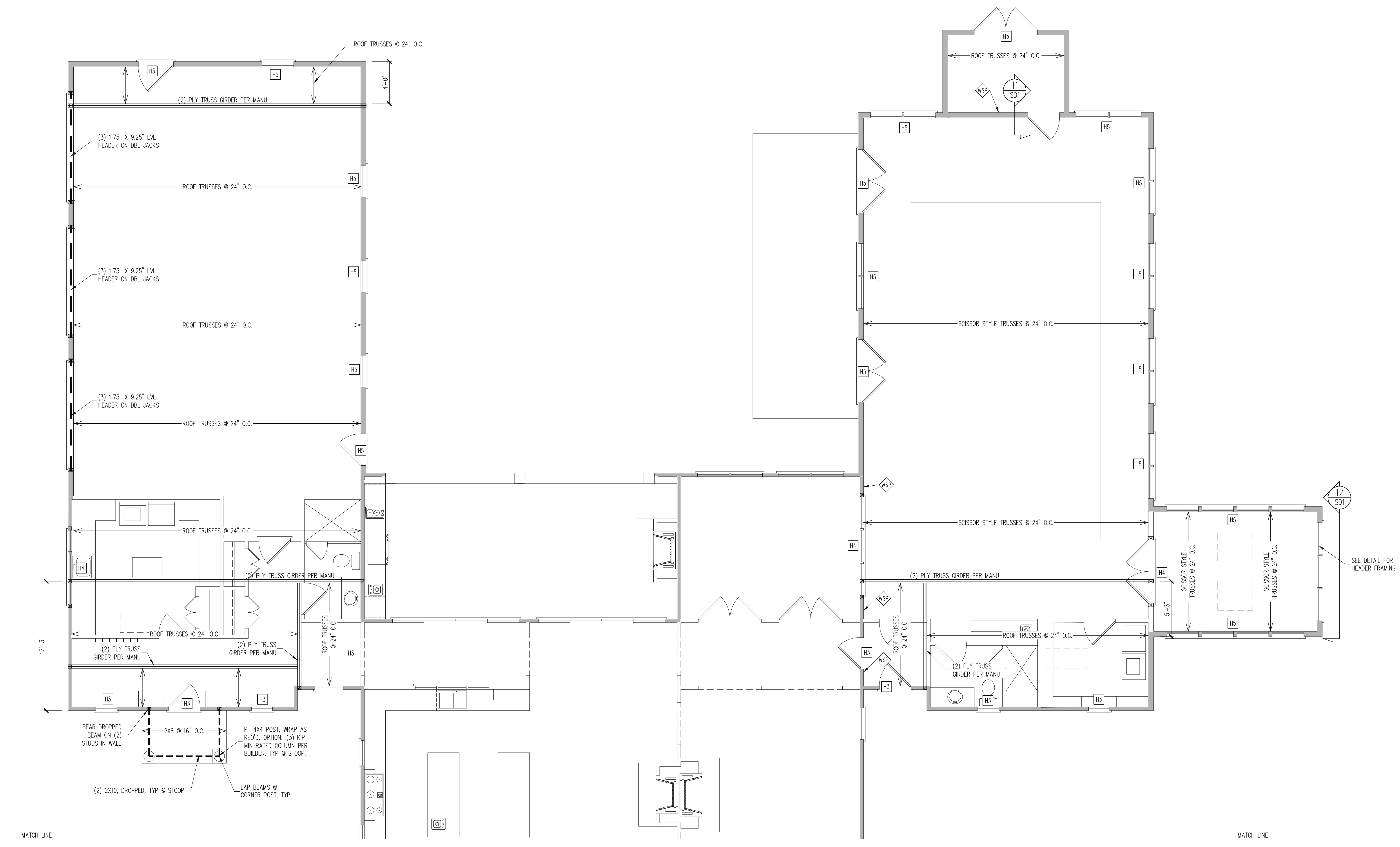
Engineering Tech Associates, P.A.
 STRUCTURAL ENGINEERS
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 318 W Millbrook Rd. Unit 201
 Raleigh, North Carolina 27609
 Phone (919) 844-1661

DESIGN TECH, INC	DATE
STRUCTURAL ADDENDUM	REV # REF PROJ #
SCOPE:	2552 NATHAN MATHEWS RD
LOC:	ANGIER, NC

ENG:	CMC
DATE:	9/6/2023

PROJECT NO.	23-15-018
SHEET NO.	S5

1ST FLOOR FRAMING PLAN
 WALLS AND CEILING - 1/4" = 1'-0"



WALL BRACING

SHADED WALLS:

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.

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 602.10.2 OF THE 2018 NCBBC. (FASTENERS @ 7" O.C.) BOTH SIDES OF WALL, OR (FASTENERS @ 4" O.C.) ONE SIDE OF WALL AT STAIRS (BUILDER PERMITTED TO SUBSTITUTE "WSP" FOR ANY "GB" WALL).

NOTES:
PROVIDED CONTINUOUS SHEATHING = 700' MIN.

REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

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
H6	(2) 2X10'S ON DBL JACKS
H7	(2) 1.75" X 9.25" LVL'S ON TRPL 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.

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

1ST FLOOR FRAMING PLAN
WALLS AND CEILING: 1/4" = 1'-0"

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SCOPE: 2552 NATHAN MATHEWS RD	ANGIER, NC
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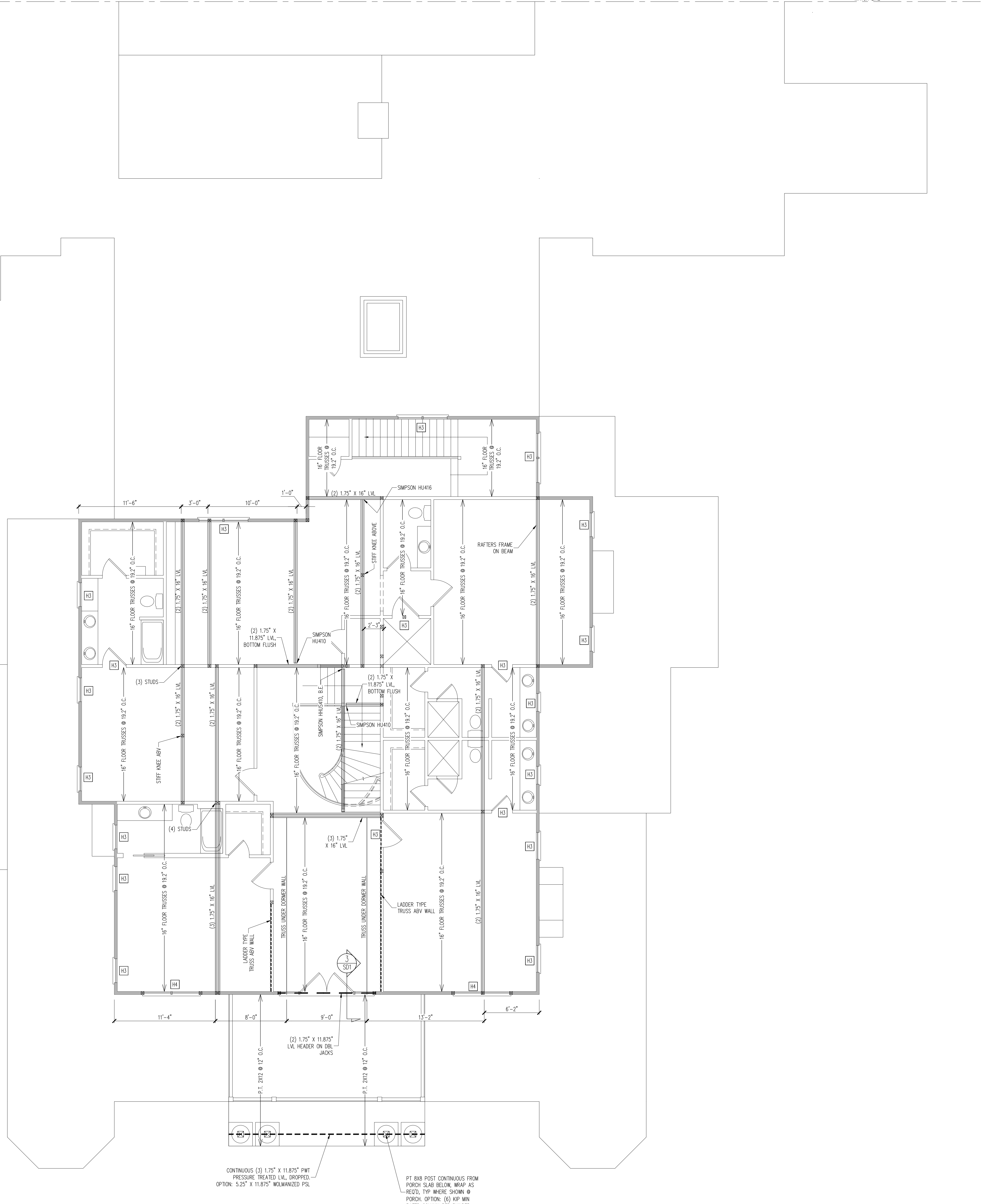
ENG: CMC
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S6

MATCH LINE

MATCH LINE



CONTINUOUS (3) 1.75\"/>

PT. 8X8 POST CONTINUOUS FROM PORCH SLAB BELOW. WRAP AS REQ'D. TYP. WHERE SHOWN @ PORCH. OPTION: (6) KIP MIN. RATED COLUMN PER BUILDER.

WALL BRACING

SHADED WALLS:

ALL EXTERIOR STUD WALLS, EXTERIOR SIDE, ARE TO BE CONTINUOUSLY SHEATHED WITH 7/16 APA RATED OSB NAILED TO STUDS WITH 8d NAILS @ 6\"/>

NOTES:

PROVIDED CONTINUOUS SHEATHING = 245' MIN.

REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

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\"/>

NOTES:

(A) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPENING 38\"/>

(B) TYPICAL FOR INTERIOR NON LOAD BEARING WALLS ONLY, ROUGH OPNG 38\"/>

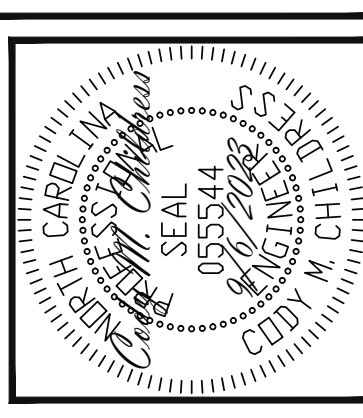
(C) TYPICAL FOR ALL CONDITIONS NOT LISTED IN (A) OR (B) UNQ.

NOTES:

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

2ND FLOOR FRAMING PLAN
WALLS AND CEILING 1/4\"/>

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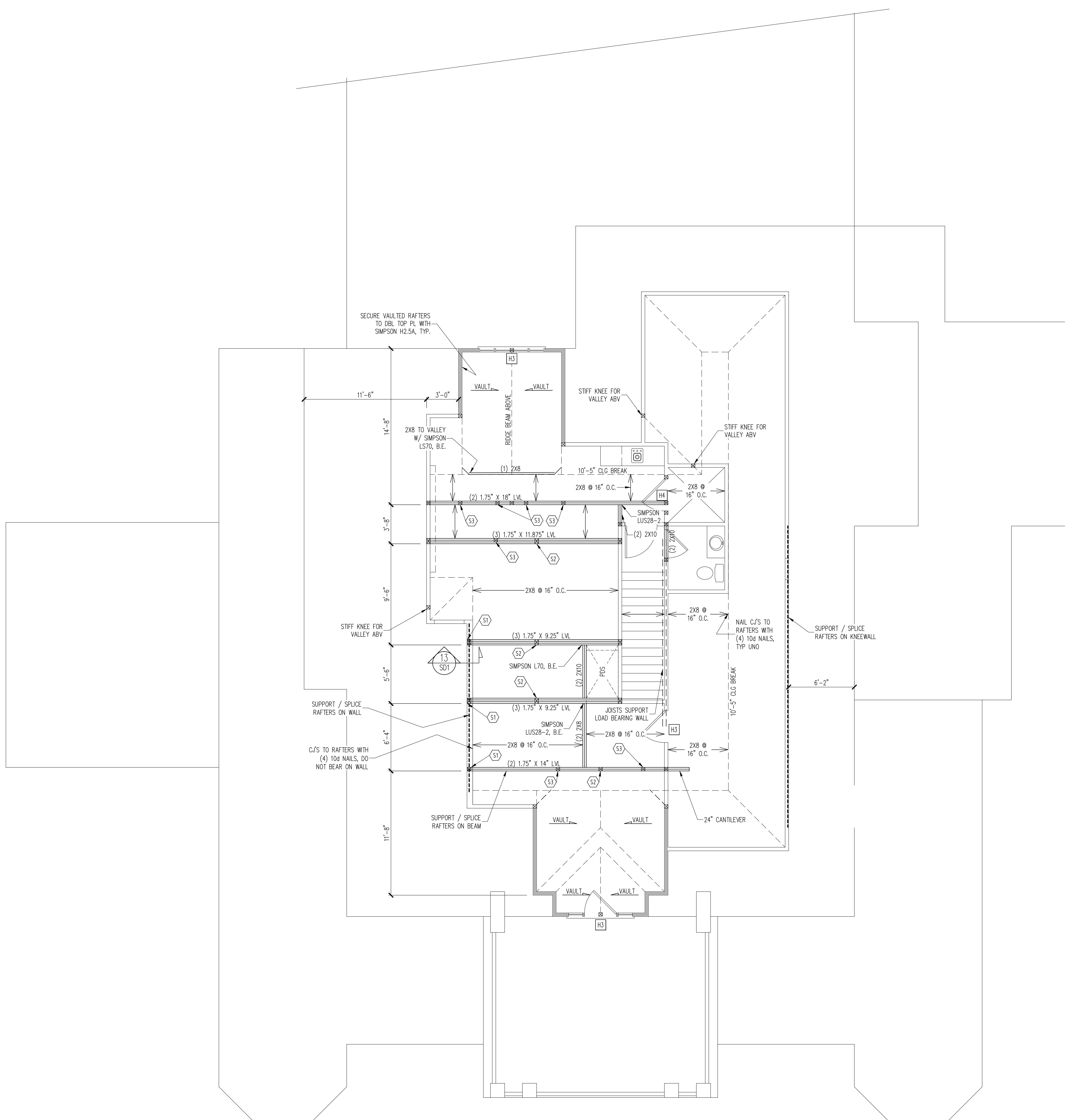
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ENG: CMC
DATE: 9/6/2023

PROJECT NO.
23-15-018

SHEET NO.
S7



WALL BRACING

SHADED WALLS:

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.

NOTES:
PROVIDED CONTINUOUS SHEATHING = 5/8" MIN.

REFERENCE PART 16.02 OF CONSTRUCTION SPECIFICATIONS FOR GENERAL WIND BRACING INFORMATION.

FRAMING SCHEDULE
ATTIC ONLY

S1 BEVEL LVL TO FIT BELOW TOP OF RAFTERS
S2 STUDS TO RIDGE BEAM ABOVE
S3 STIFF KNEE ABOVE

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

(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.

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

WALK UP ATTIC FRAMING PLAN
WALLS AND CEILING: 1/4" = 1'-0"

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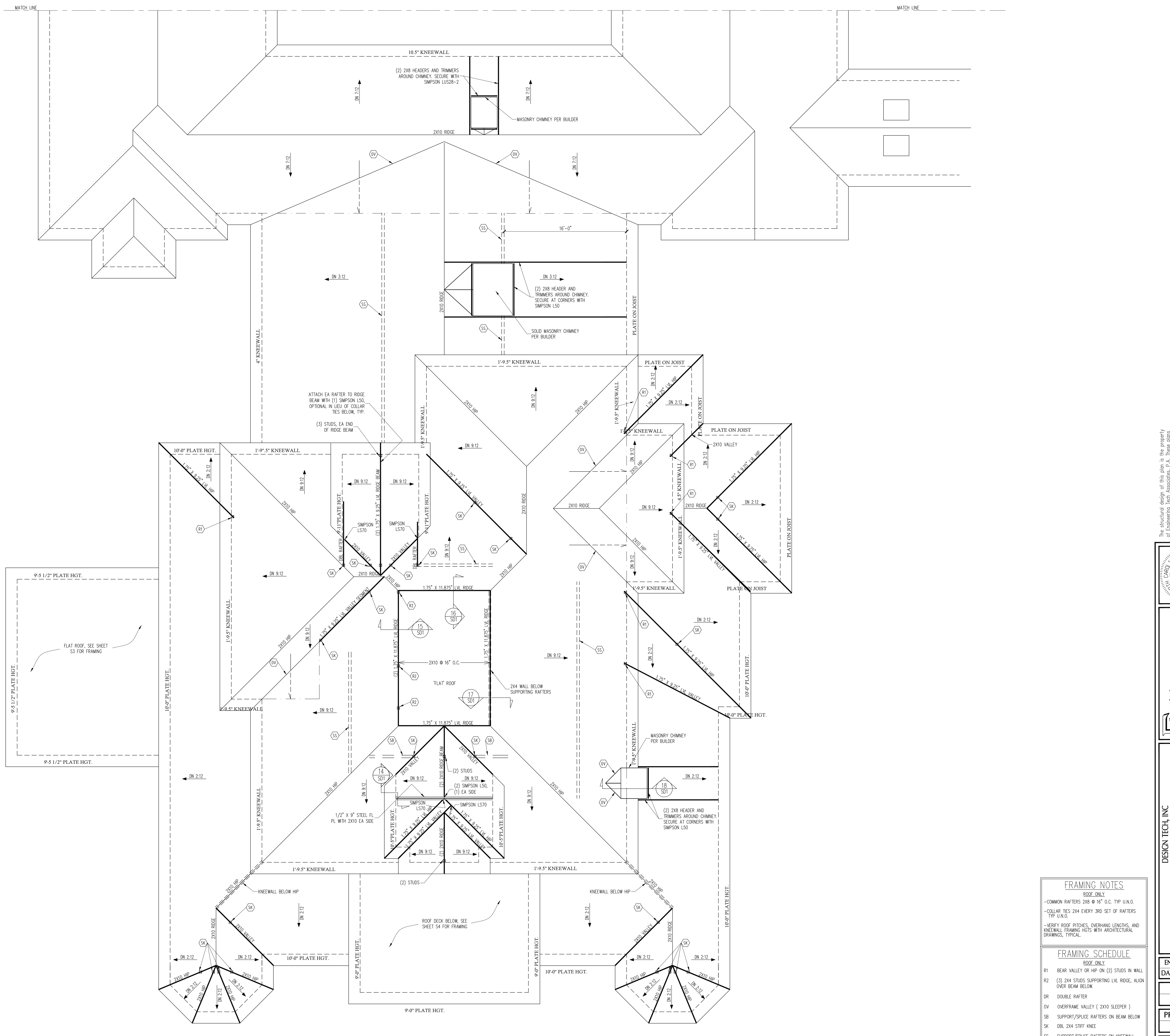
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SHEET NO.
S8
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FRAMING NOTES
 ROOF ONLY
 -COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O.
 -COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS TYP U.N.O.
 -VERIFY ROOF PITCHES, OVERHANG LENGTHS, AND KNEEWALL FRAMING HGTS WITH ARCHITECTURAL DRAWINGS, TYPICAL.

FRAMING SCHEDULE	
ROOF ONLY	
R1	BEAR VALLEY OR HIP ON (2) STUDS IN WALL
R2	(3) 2X4 STUDS SUPPORTING LIV. RIDGE, ALIGN OVER BEAM BELOW.
DR	DOUBLE RAFTER
OV	OVERFRAME VALLEY (2X10 SLEEPER)
SB	SUPPORT/SPLICE RAFTERS ON BEAM BELOW
SK	DBL 2X4 STIFF KNEE
SS	SUPPORT/SPLICE RAFTERS ON KNEEWALL BELOW

ROOF FRAMING PLAN
 1/4" = 1'-0"

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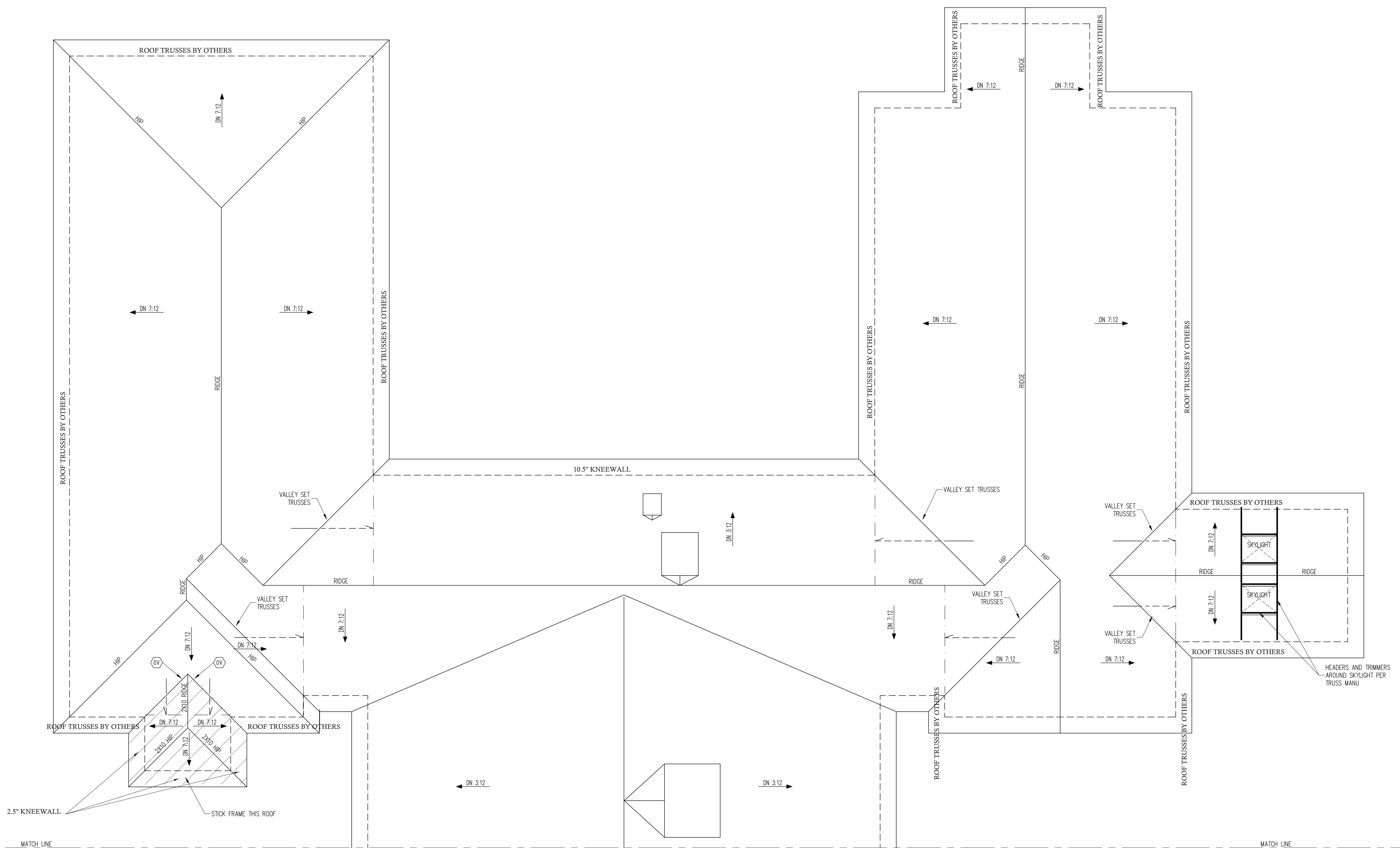


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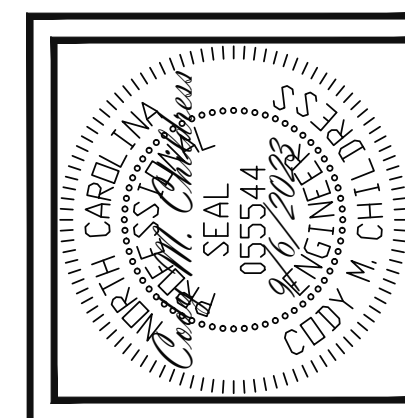
FRAMING NOTES
 ROOF ONLY
 -COMMON RAFTERS 2X8 @ 16" O.C. TYP U.N.O.
 -COLLAR TIES 2X4 EVERY 3RD SET OF RAFTERS
 TYP U.N.O.
 -ROOF PITCHES 12:12 TYP U.N.O.
 -VERIFY ROOF PITCHES, OVERHANG LENGTHS, AND
 KNEEWALL FRAMING HGTS WITH ARCHITECTURAL
 DRAWINGS, TYPICAL.

FRAMING SCHEDULE
 ROOF ONLY

AN	SUPPORT BRICK VENEER WITH ANGLE ATTACHED TO MODIFIED STUD WALL
BR	SUPPORT BRICK VENEER PER SECT.703.7 OF THE NRC, LATEST EDITION.
DR	DOUBLE RAFTER
OV	OVERFRAME VALLEY (2X10 SLEEPER)
SB	SUPPORT/SPLICE RAFTERS ON BEAM BELOW
SK	DBL 2X4 STIFF KNEE
SS	SUPPORT/SPLICE RAFTERS ON KNEEWALL BELOW

ROOF FRAMING PLAN
 1/4" = 1'-0"

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