

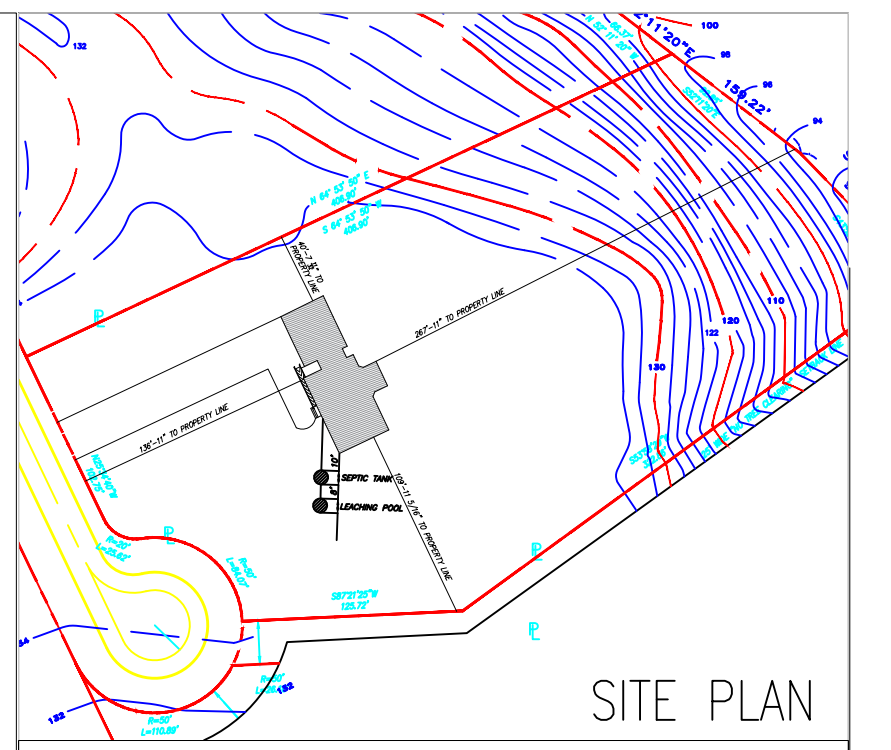
# CONSTRUCTION DESIGN SPRING 2019

## PROJECT 1

### RESIDENTIAL CONSTRUCTION DRAWINGS

MARY VILLANUEVA

PROFESSOR LOPICCOLO



SITE PLAN



FRONT ELEVATION

NOTES:



SHEET TITLE

PROJECT

REF:

PROJECT NO.:

DATE:

FILE:

DRAWN BY:

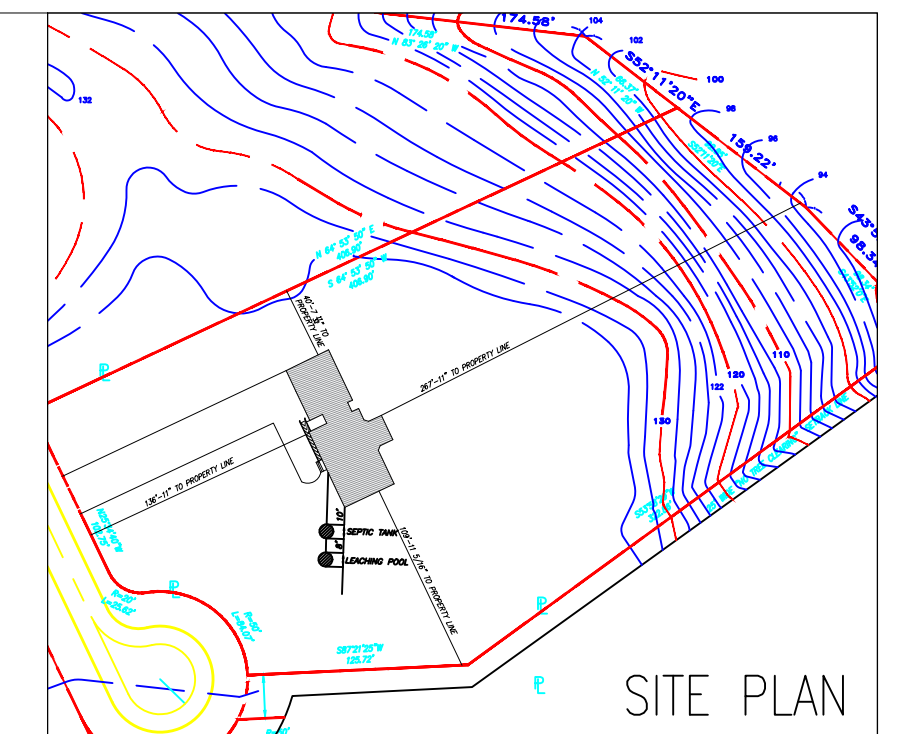
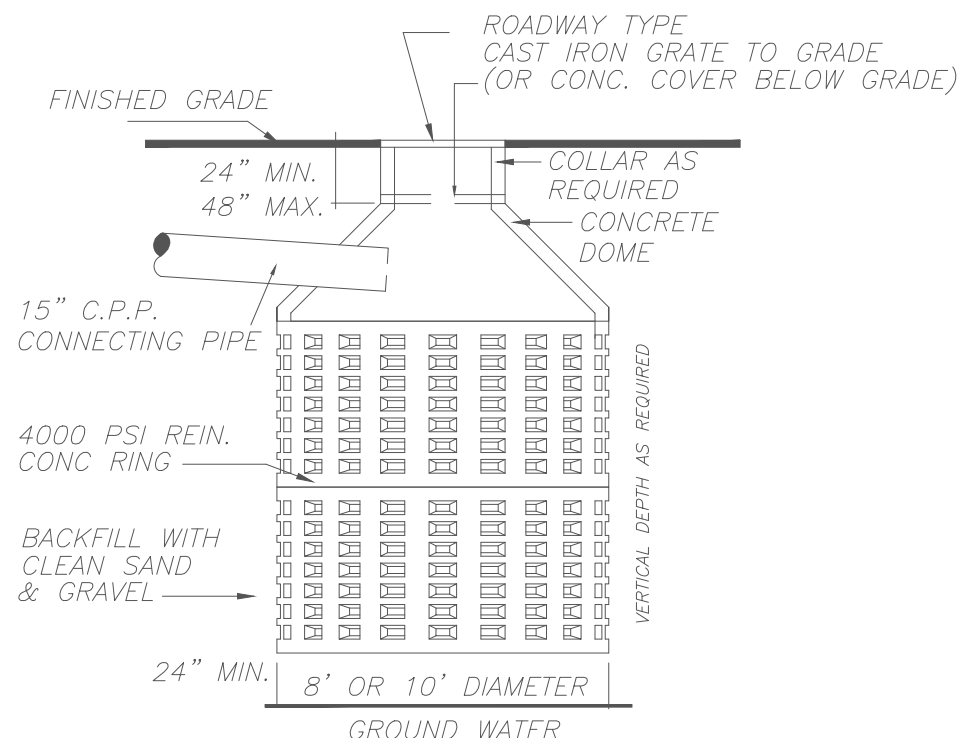
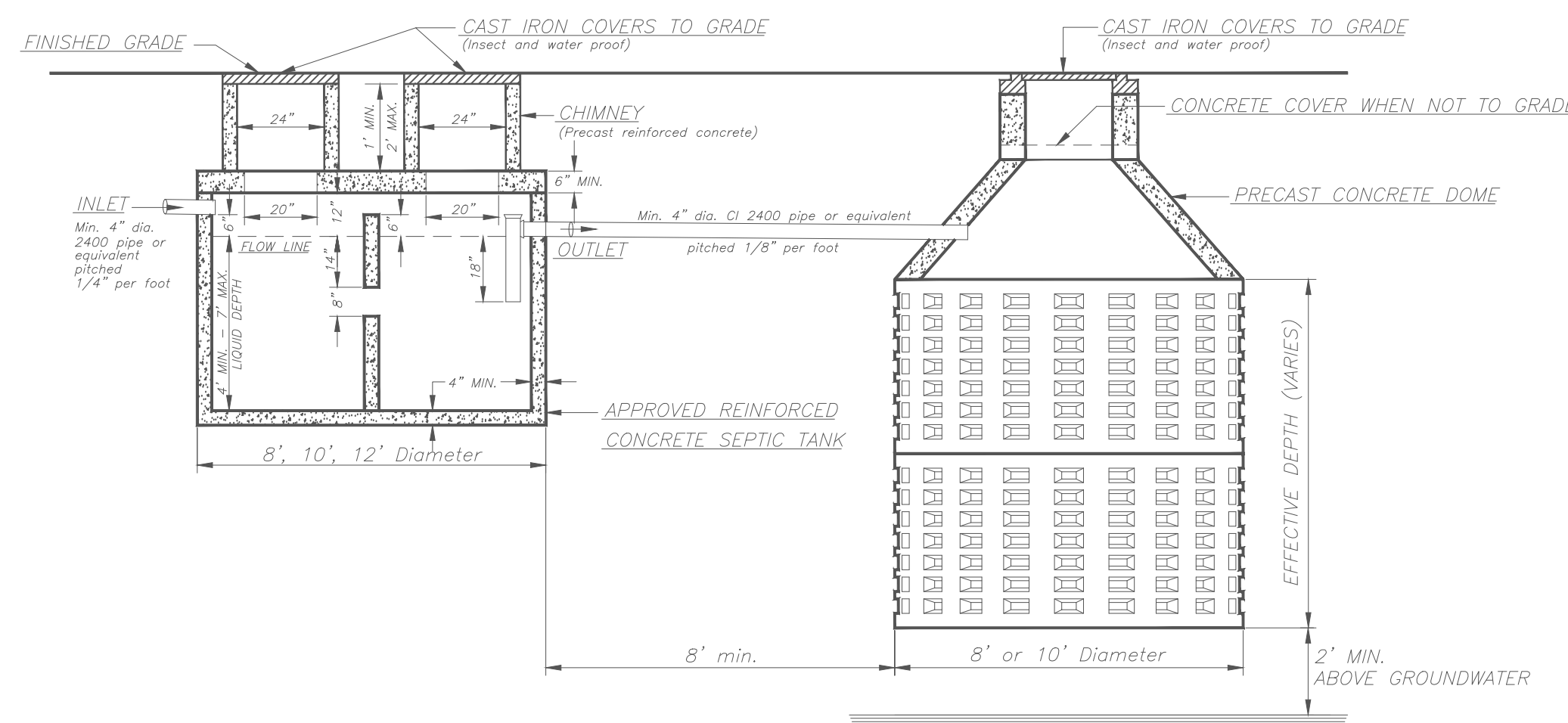
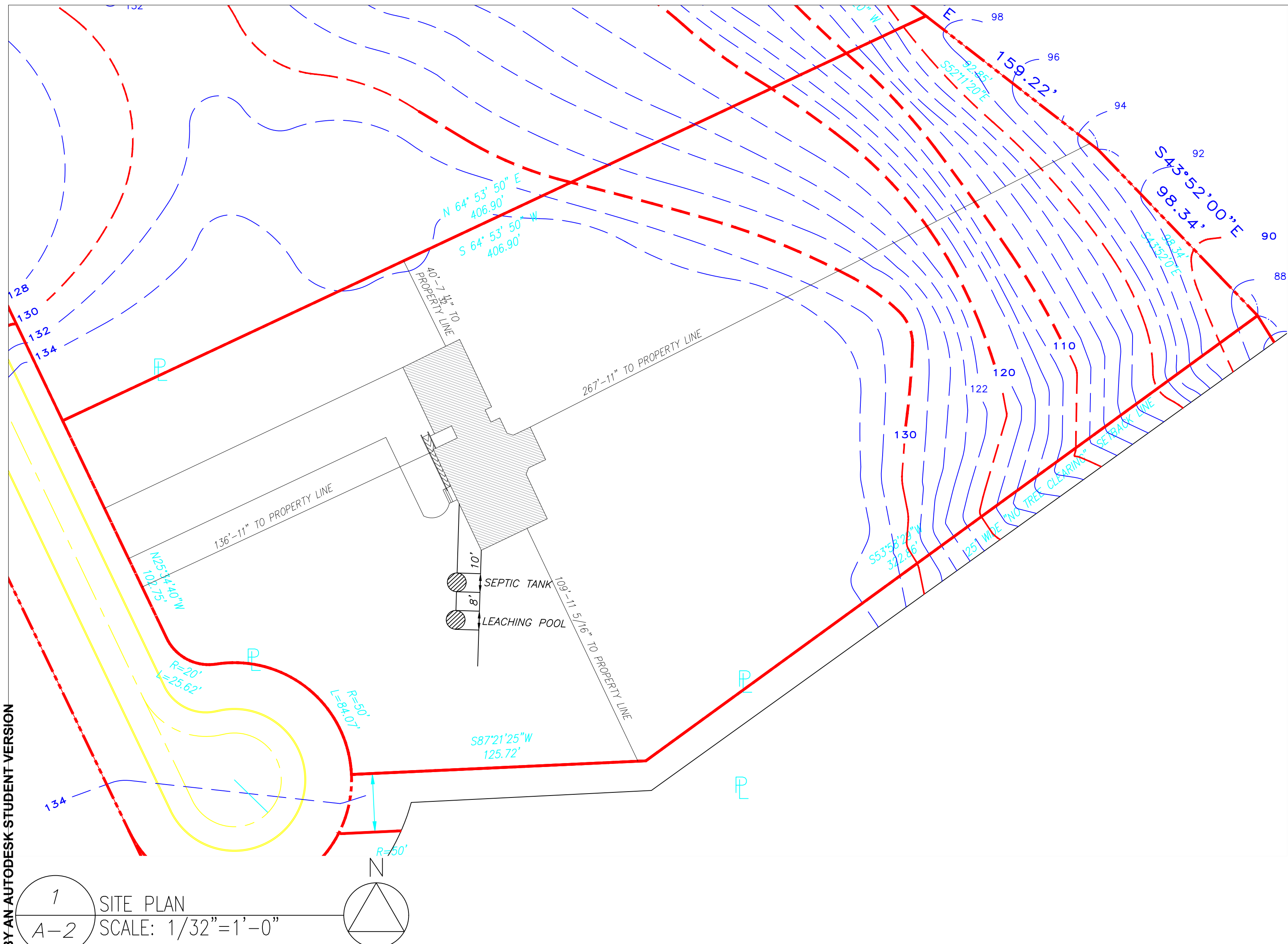
CHK'D BY:

DRAWING NO.

# A-1

**TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

GROUND SNOW LOAD <sup>i</sup>	WIND SPEED <sup>d</sup> (mph)	SEISMIC DESIGN CATEGORY <sup>e</sup>	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>
			Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>		
25	130	C	SEVERE	3 FT	MOD/HEAVY	YES	SEE TOWN



NOTES:

2 SEWAGE SYSTEM  
A-2 SCALE: 1/32"=1'-0"

DOOR SCHEDULE

NO.	MANUF.	SIZE	TYPE	R.O.	NOTES
A	CLOPAY	8'-0" x 11'-3 5/32"	GARAGE DOOR	8'-1/4" x 11'-5 13/32"	
B	THERMA-TRU	3'-0"x7'-2"	FRONT DOOR	3'-1/4"x7'-2 1/4"	
C	THERMA-TRU	3'-0"x7'-2"	GARAGE FIRE DOOR	3'-1/4"x7'-2 1/4"	3/4 HR FIRE DOOR W/ SELF-CLOSING HINGE
D	THERMA-TRU	3'-0"x7'-0"	STANDARD DOOR	3'-1/4"x7'-2 1/4"	
E	THERMA-TRU	1'-6"x7'-0"	PANTRY DOOR	1'-6 1/4"x7'-1/4"	
F	THERMA-TRU	3'-0"x7'-0"	DOUBLE BIFOLD DOOR	3'-1/4"x7'-2 1/4"	
G	NATIONWIDE LIFTS	3'-0"x7'-0"	LU/LA SLIDING DOOR	3'-1/4"x7'-2 1/4"	AUTOMATIC SLIDING DOOR
H	THERMA-TRU	3'-0"x7'-2"	REAR DOOR	3'-1/4"x7'-2 1/4"	

WINDOW SCHEDULE

NUMBER	MANUF./ SERIES	TYPE	R.O.	NOTES
①	ANDERSEN 200-SERIES	DOUBLE HUNG	3'-0"x5'-0"	PROVIDE APPROPRIATE HARDWARE REQ'D FOR COMPLETE INSTALLATION
②	ANDERSEN 200-SERIES	HOPPER	3'-11 1/4"x1'-11 5/8"	PROVIDE APPROPRIATE HARDWARE REQ'D FOR COMPLETE INSTALLATION
③	ANDERSEN 400-SERIES	AWNING	3'-0 1/2"x2'-0 5/8"	PROVIDE APPROPRIATE HARDWARE REQ'D FOR COMPLETE INSTALLATION
④	ANDERSEN 200-SERIES	DOUBLE HOPPER	3'-11 1/4"x1'-11 5/8"	PROVIDE APPROPRIATE HARDWARE REQ'D FOR COMPLETE INSTALLATION

FINISH SCHEDULE

ROOM	WALLS	TRIM	FLOOR	BASE	CEILING	CLG. HT.	NOTES
DINING ROOM	PAINT	WHITE PAINT	HARDWOOD	WHITE PAINT	WHITE PAINT	10'-0"	
KITCHEN	PAINT	WHITE PAINT	TILE	WHITE PAINT	WHITE PAINT	10'-0"	
LIVING ROOM	PAINT	WHITE PAINT	HARDWOOD	WHITE PAINT	WHITE PAINT	10'-0"	
MAST. BEDRM	PAINT	WHITE PAINT	HARDWOOD	WHITE PAINT	WHITE PAINT	10'-0"	
BEDROOM 1	PAINT	WHITE PAINT	CARPET	WHITE PAINT	WHITE PAINT	10'-0"	
BEDROOM 2	PAINT	WHITE PAINT	CARPET	WHITE PAINT	WHITE PAINT	10'-0"	
BEDROOM 3	PAINT	WHITE PAINT	CARPET	WHITE PAINT	WHITE PAINT	10'-0"	
BATHROOMS	PAINT	WHITE PAINT	TILE	WHITE PAINT	WHITE PAINT	10'-0"	
LAUNDRY RM.	PAINT	WHITE PAINT	TILE	WHITE PAINT	WHITE PAINT	10'-0"	

DOOR INFORMATION

- ROUGH OPENINGS - ALL INTERIOR DOOR ROUGH OPENINGS ARE 2" LARGER THAN DOOR SIZE (HEIGHT AND WIDTH). ALL EXTERIOR DOOR ROUGH OPENINGS ARE AS PER DOOR MANUFACTURER - VERIFY IN FIELD.
- ANY GLASS IN DOORS, WINDOWS OR SIDELIGHTS WITHIN 18" OF THE FLOOR SHALL BE TEMPERED.



PROJECT:  
RESIDENTIAL CONSTRUCTION

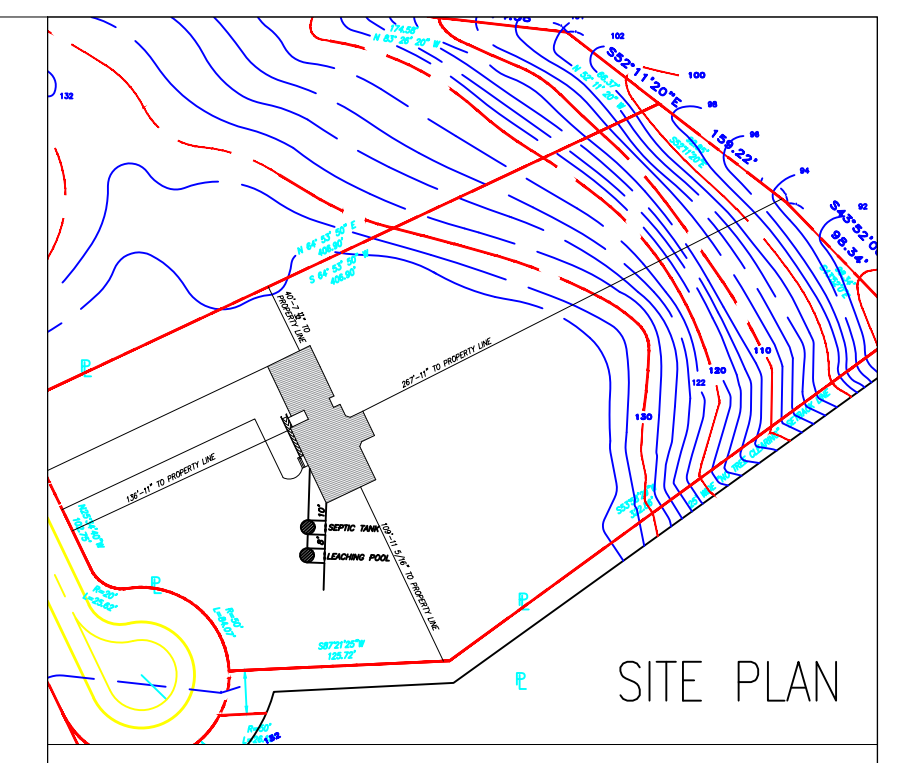
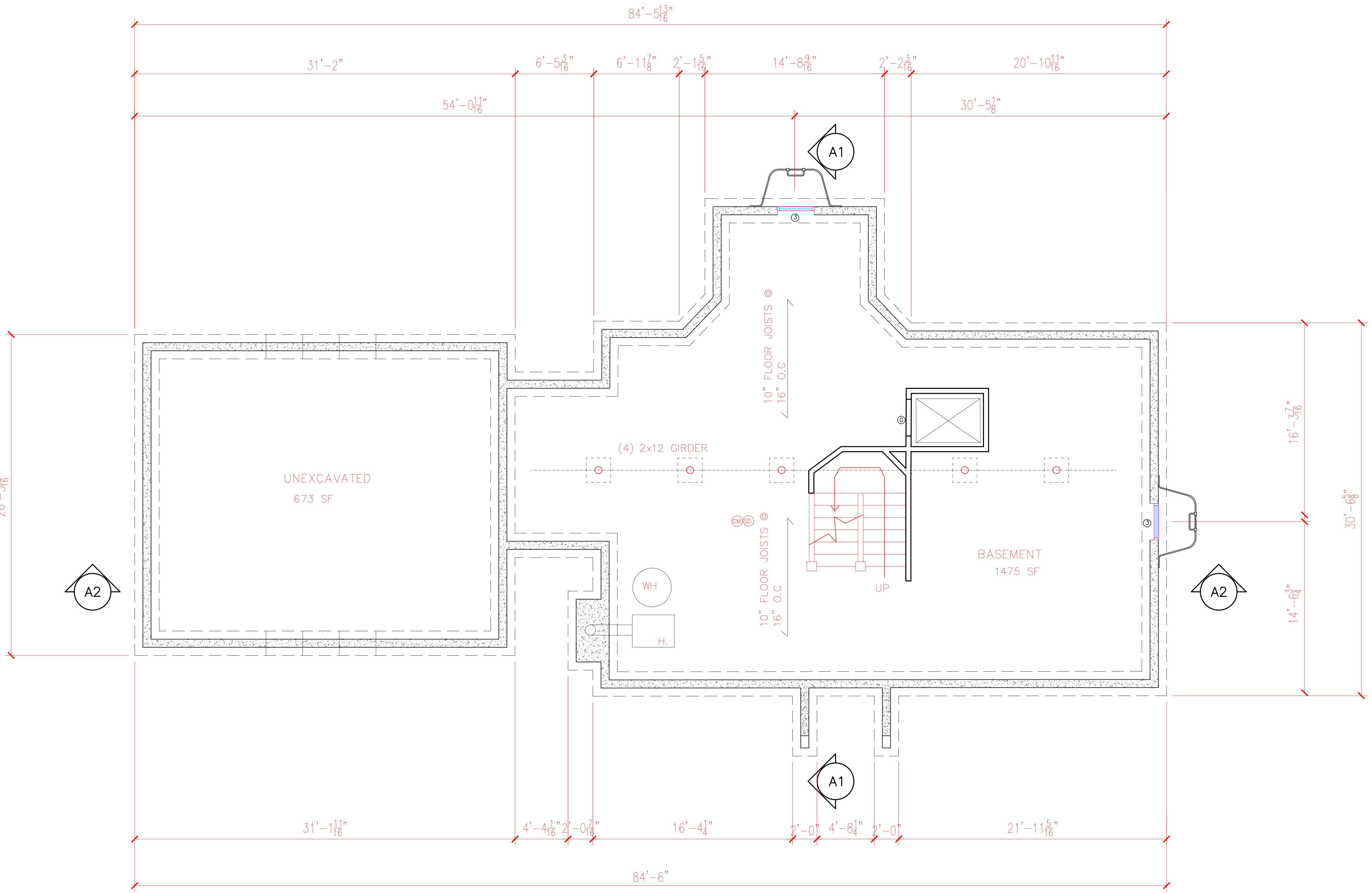
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PROJECT NO: 1  
DATE: MARCH 25, 2019  
FILE:

DRAWN BY: MARY VILLANUEVA

CHK'D BY: PROFESSOR LOPICCOLO

DRAWING NO.

A-2



NOTES:



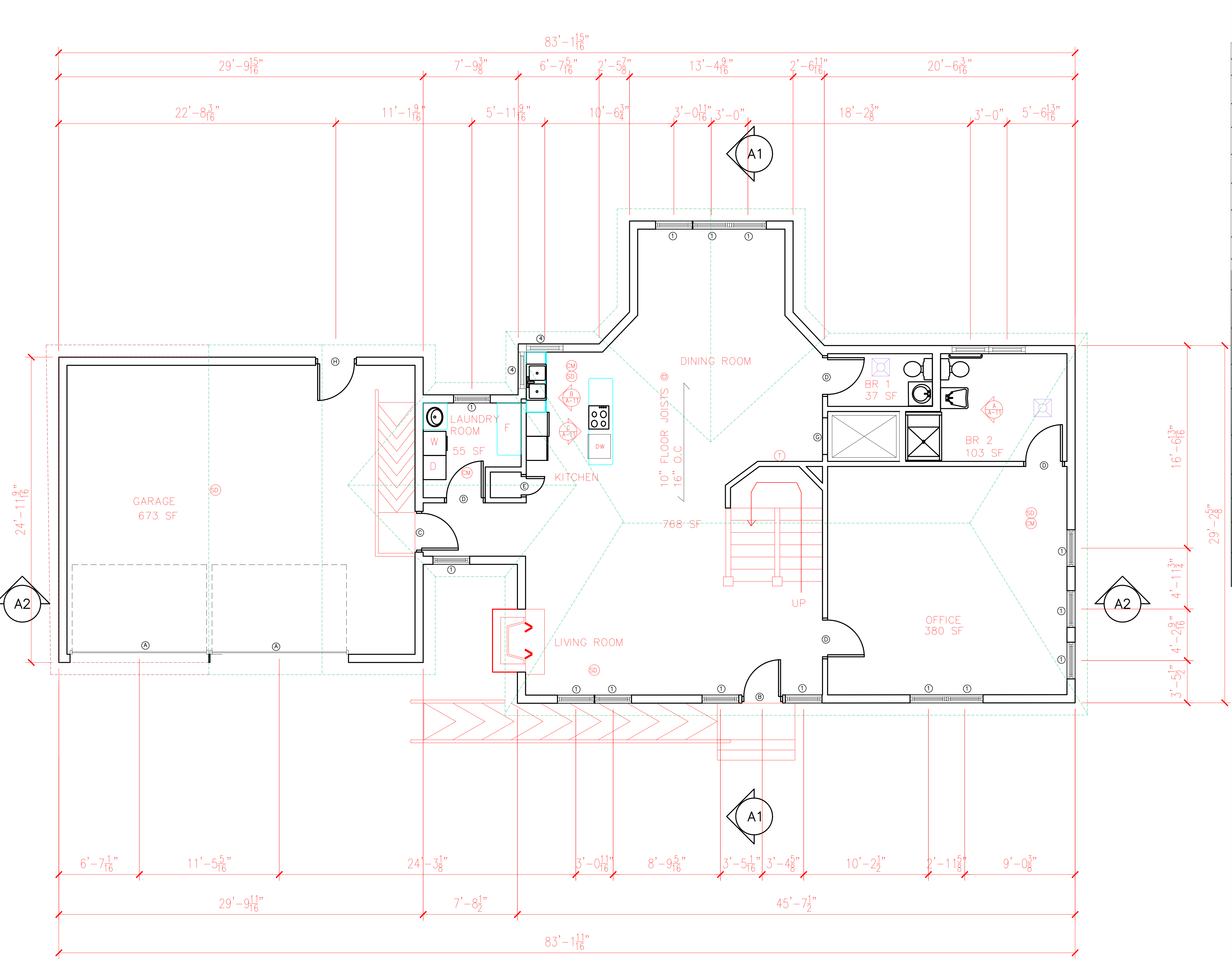
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REF:  
PROJECT NO: 1  
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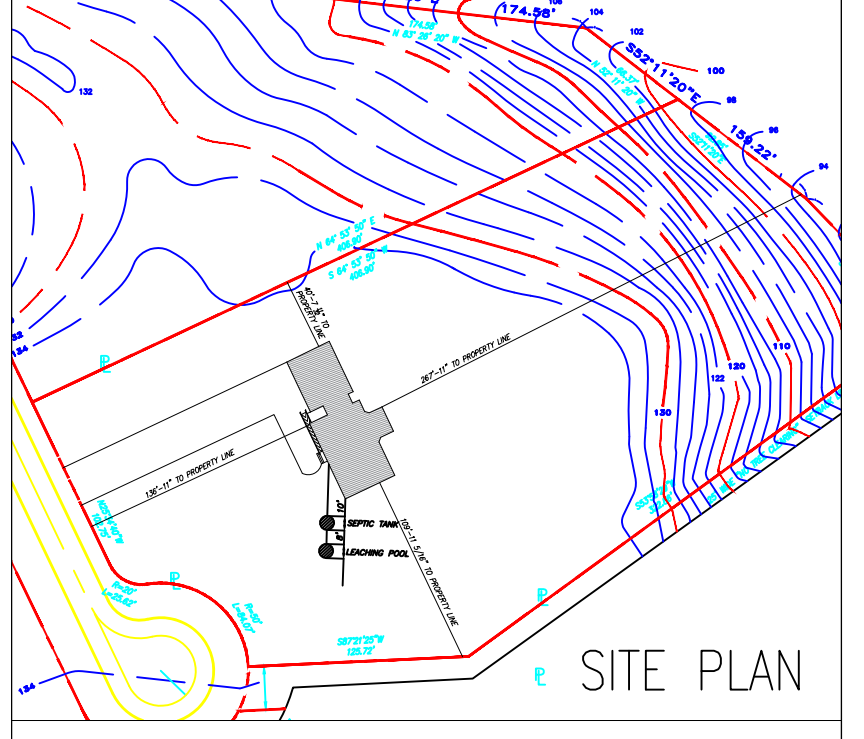
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CHK'D BY: PROFESSOR LOPICCOLO  
DRAWING NO.

# A-3

1 FOUNDATION PLAN  
A-3 SCALE: 1/4"=1'-0"



FIXTURE KEY	
	EXHAUST FAN
	WATER CLOSET
	KITCHEN SINK
	WASHER
	DRYER
	ADA SINK
	REFRIGERATOR
	BATHROOM SINK
	BATH TUB
	SHOWER WITH SEAT
	DISH WASHER
	RANGE/OVEN
	BASEMENT WINDOW
	SOLID CORE DOOR
	CLOSET BIFOLD DOOR
	WINDOW
	WATER HEATER
	HEATING UNIT



NOTES:



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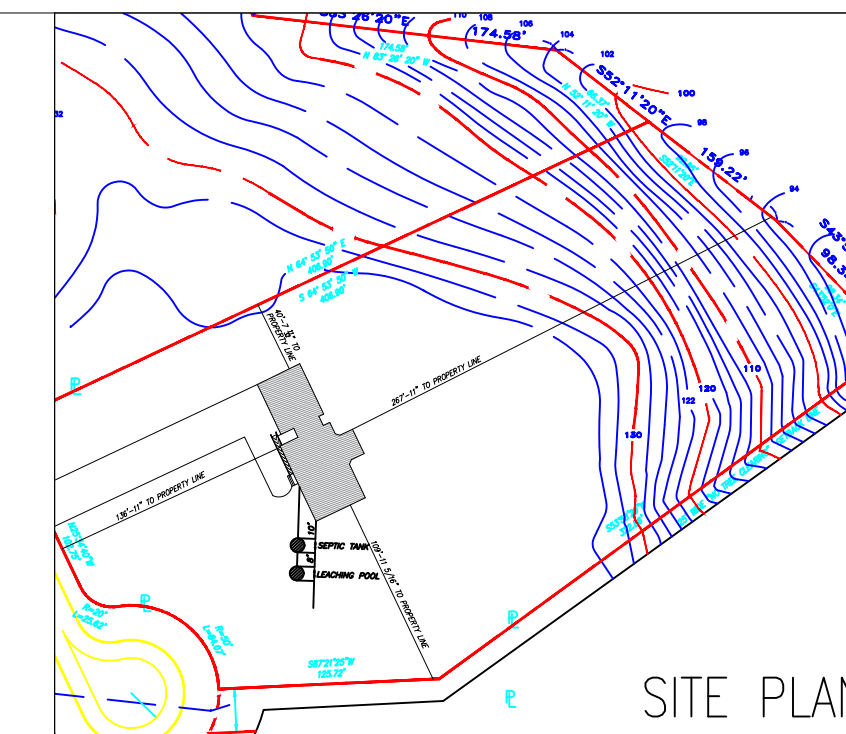
DRAWN BY: MARY VILLANUEVA

CHK'D BY: PROFESSOR LOPICCOLO

DRAWING NO.

**A-4**

1  
A-4 FIRST FLOOR PLAN  
SCALE: 1/4"=1'-0"



SITE PLAN



FRONT ELEVATION

NOTES:



PROJECT:  
RESIDENTIAL CONSTRUCTION

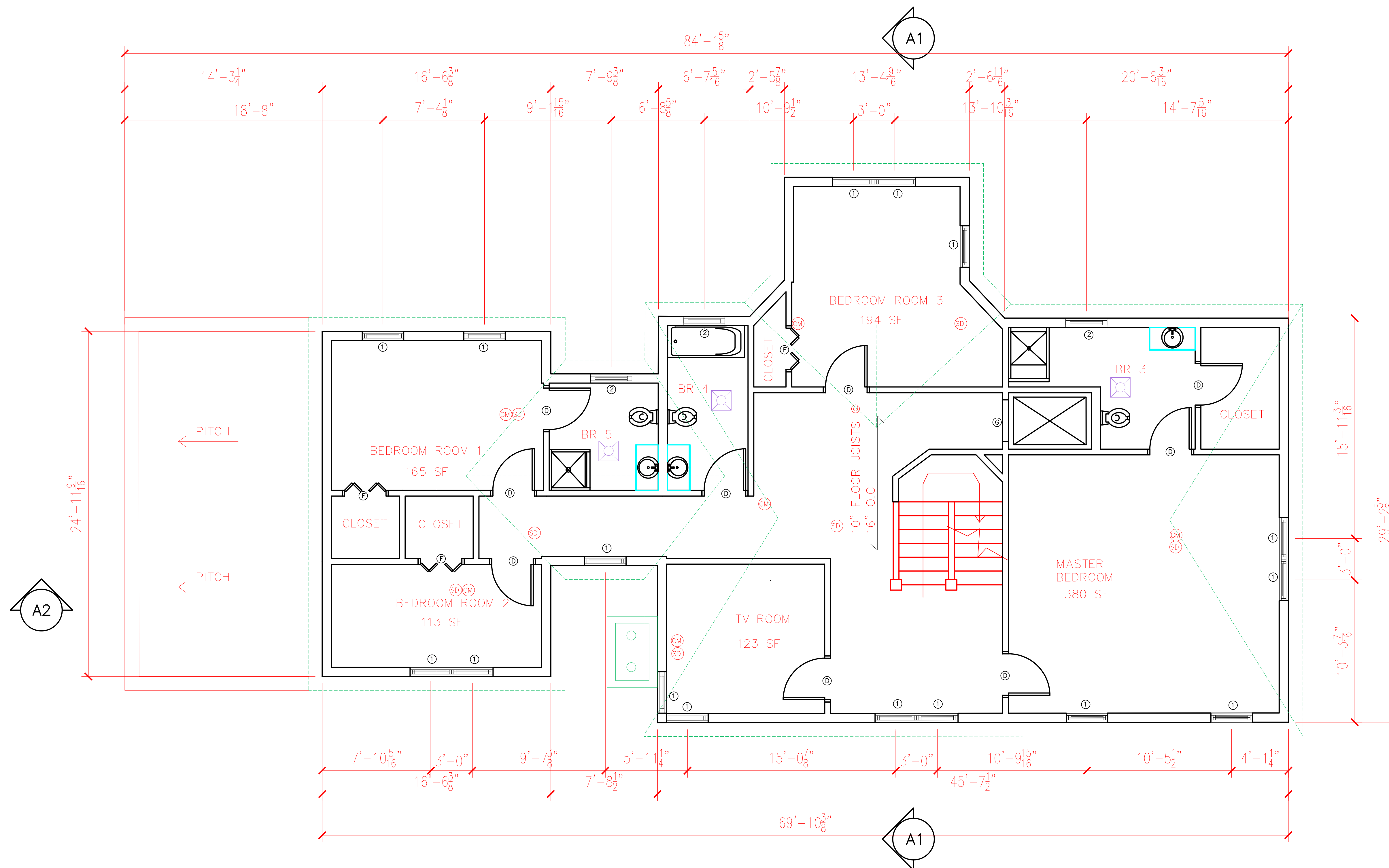
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DATE: MARCH 25, 2019  
FILE:

DRAWN BY: MARY VILLANUEVA

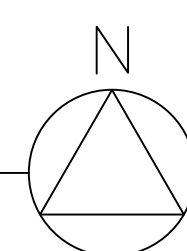
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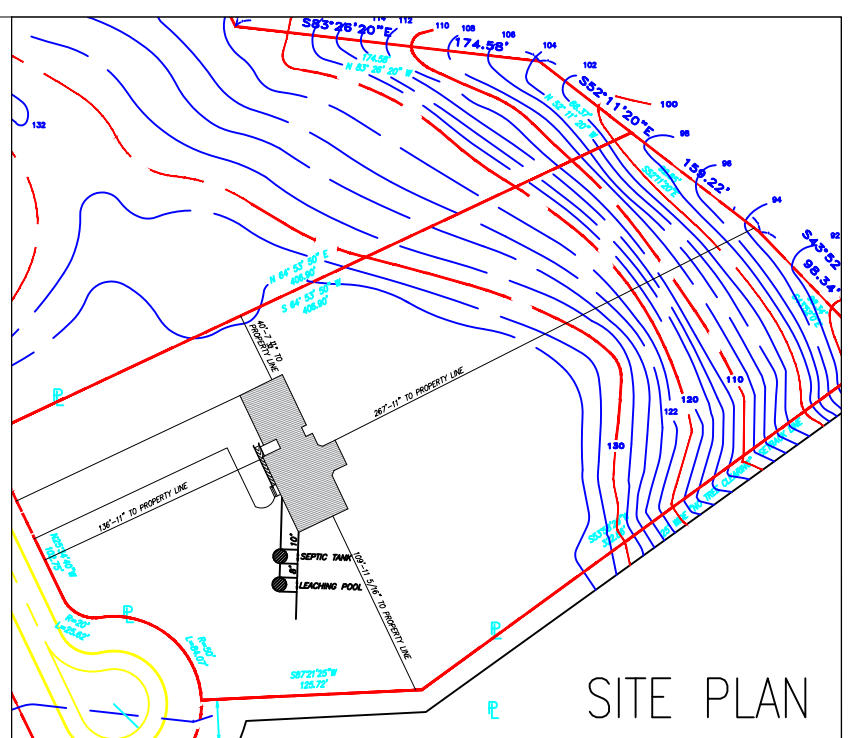
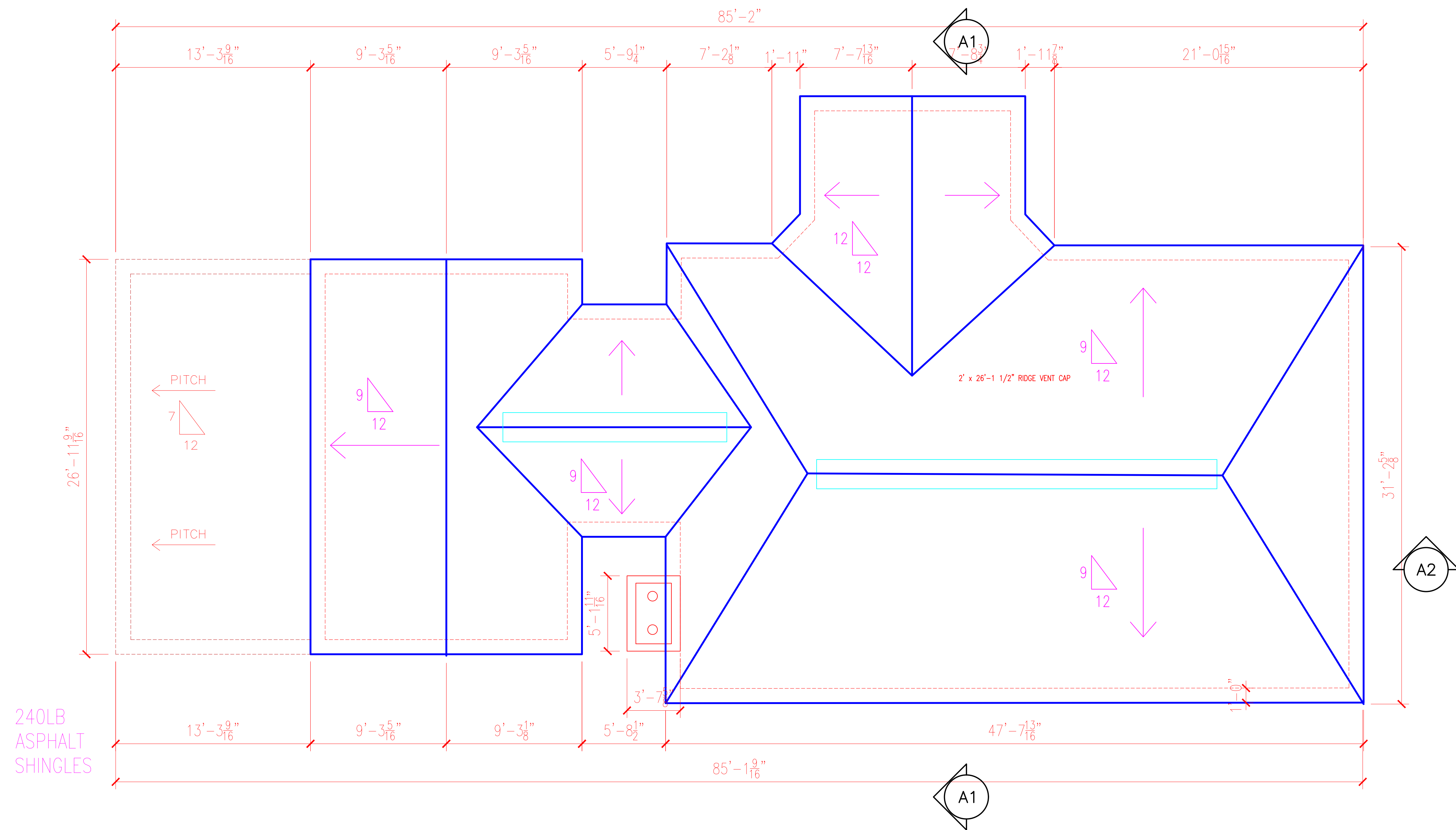
A-5



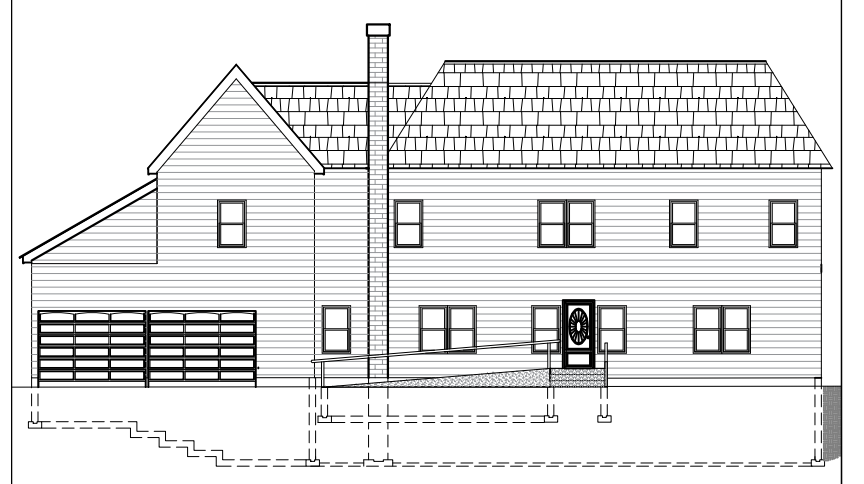
1  
A-5 SECOND FLOOR PLAN  
SCALE: 1/4"=1'-0"



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SITE PLAN



FRONT ELEVATION

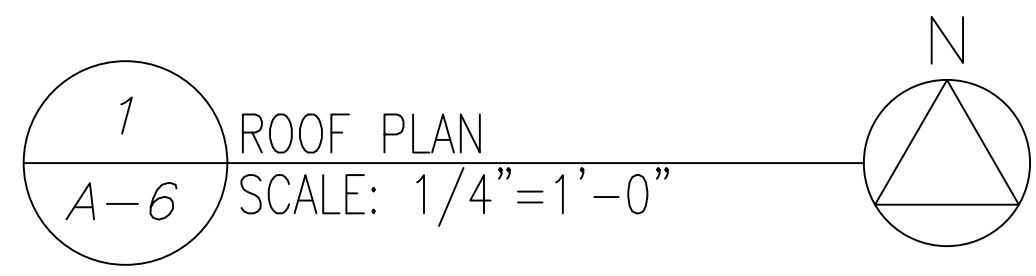
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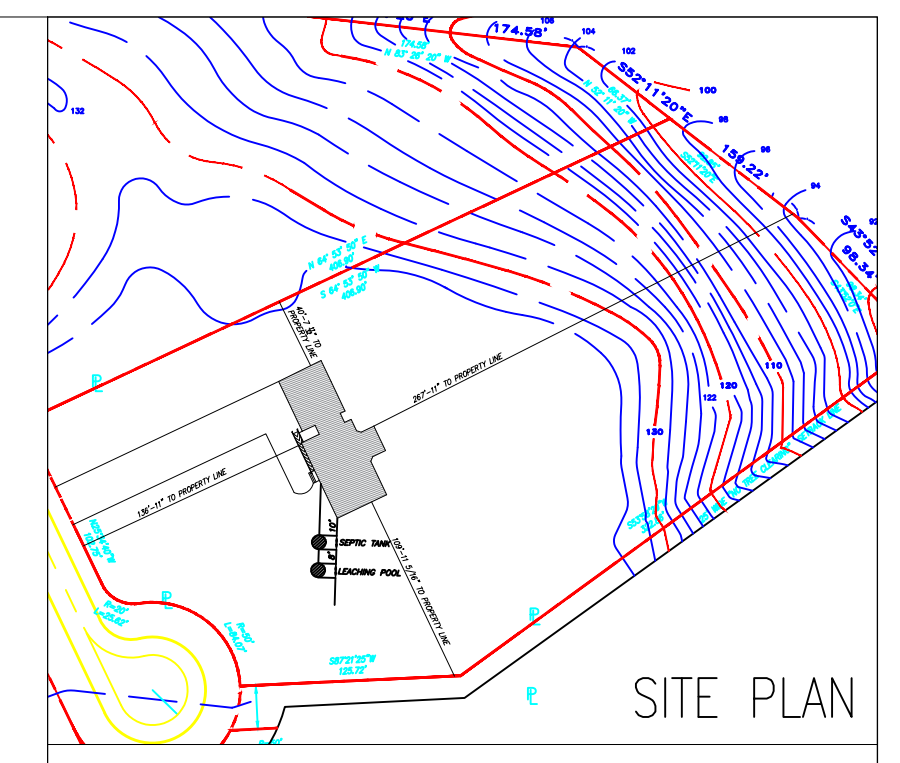
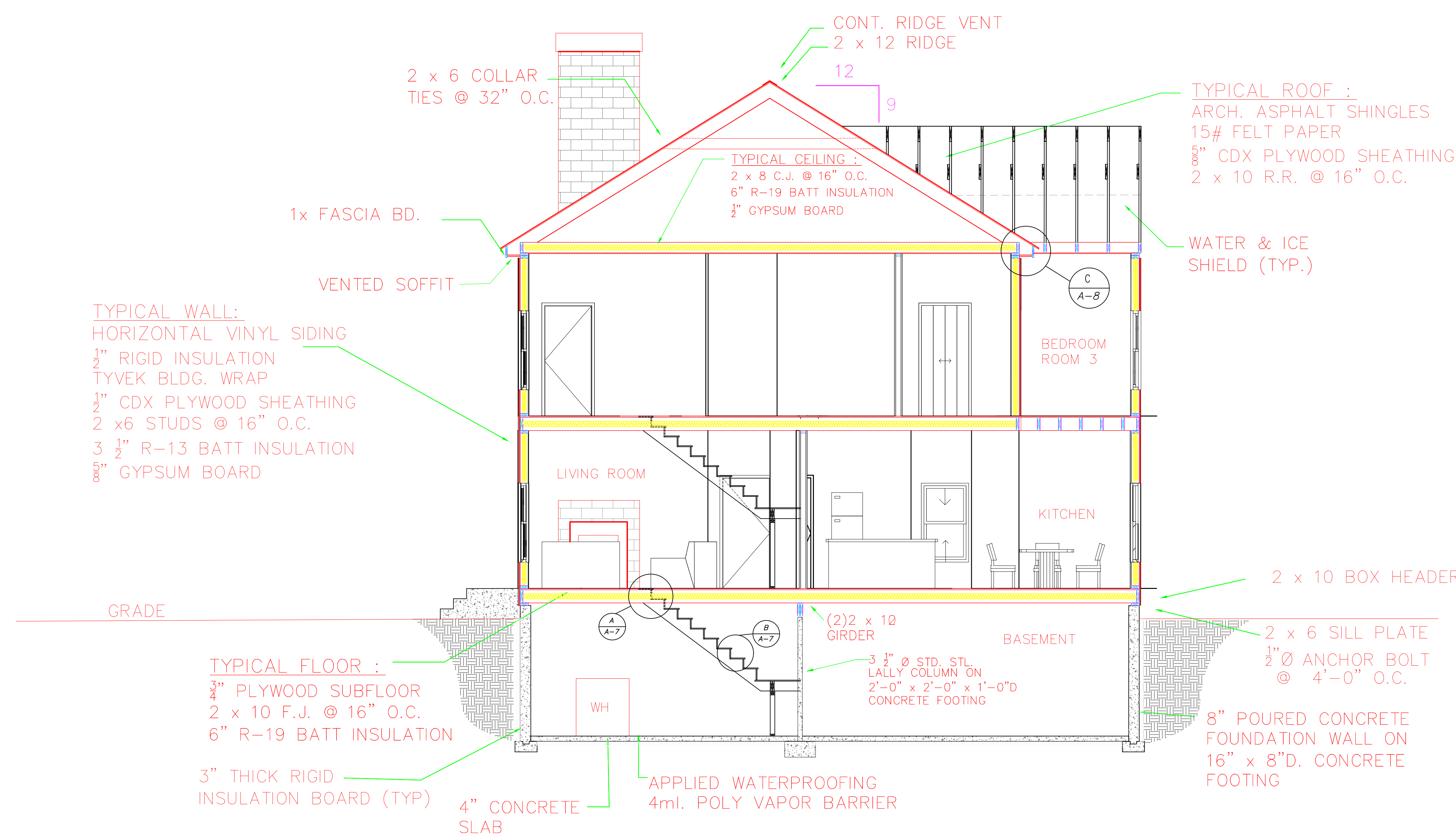
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PROJECT NO: 1  
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FILE:

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**A-6**



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NOTES:



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PROJECT NO: 1

DATE: MARCH 25, 2019

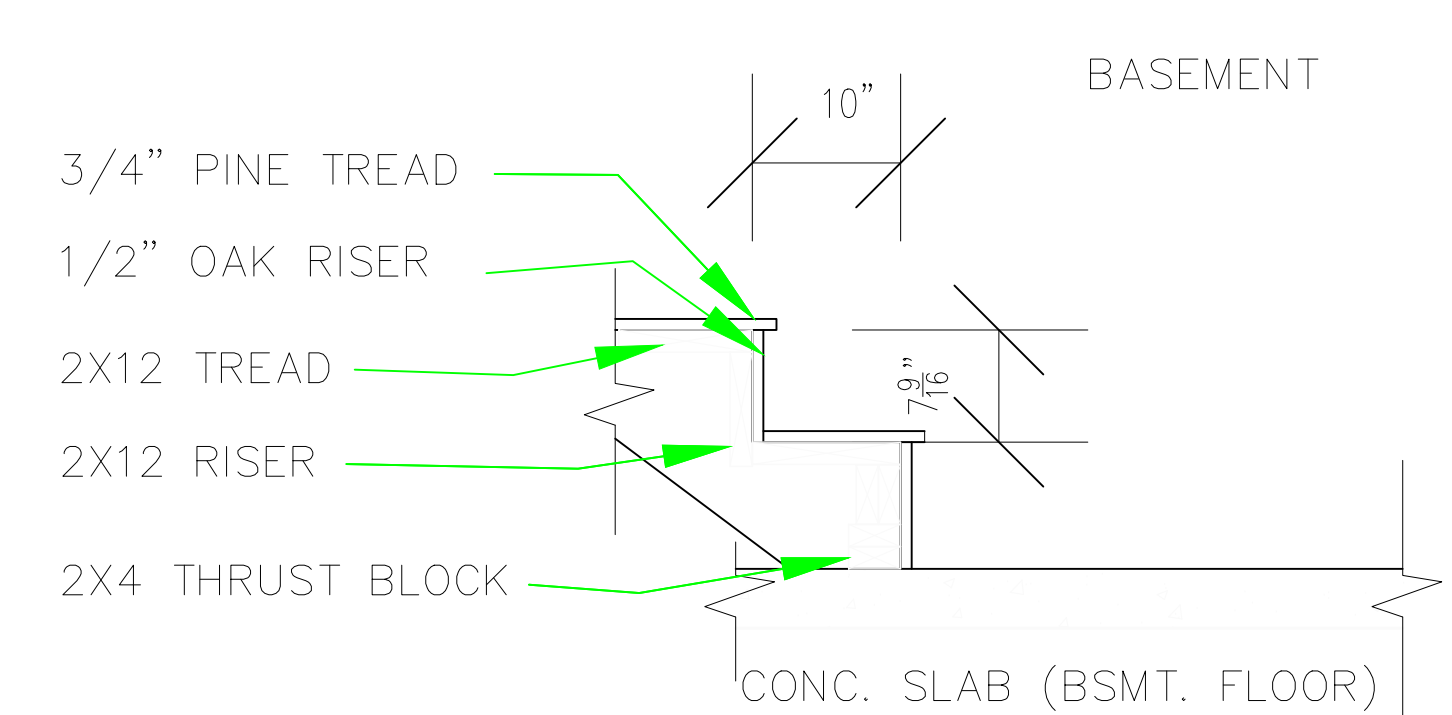
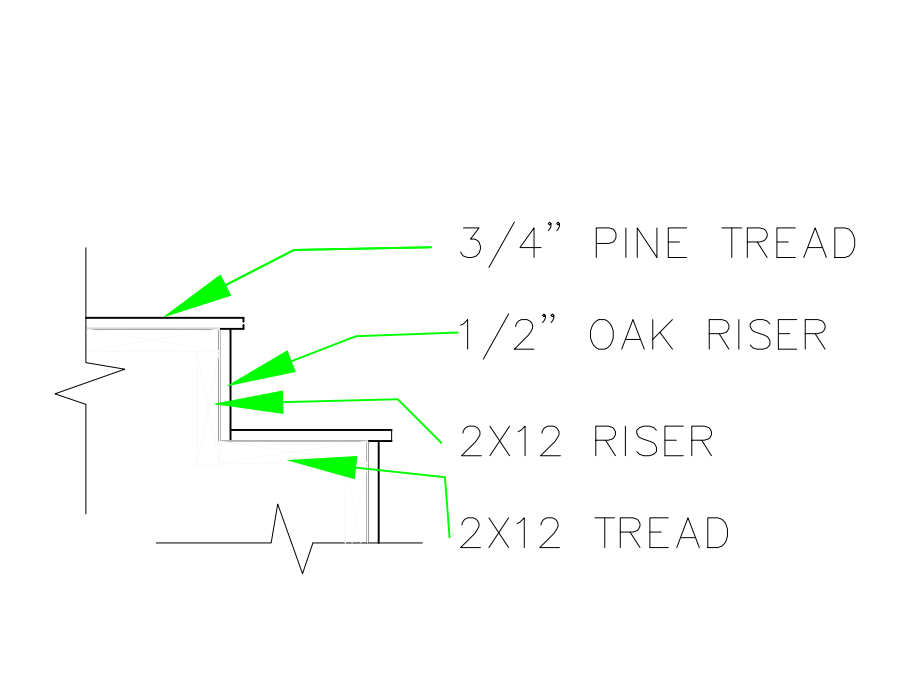
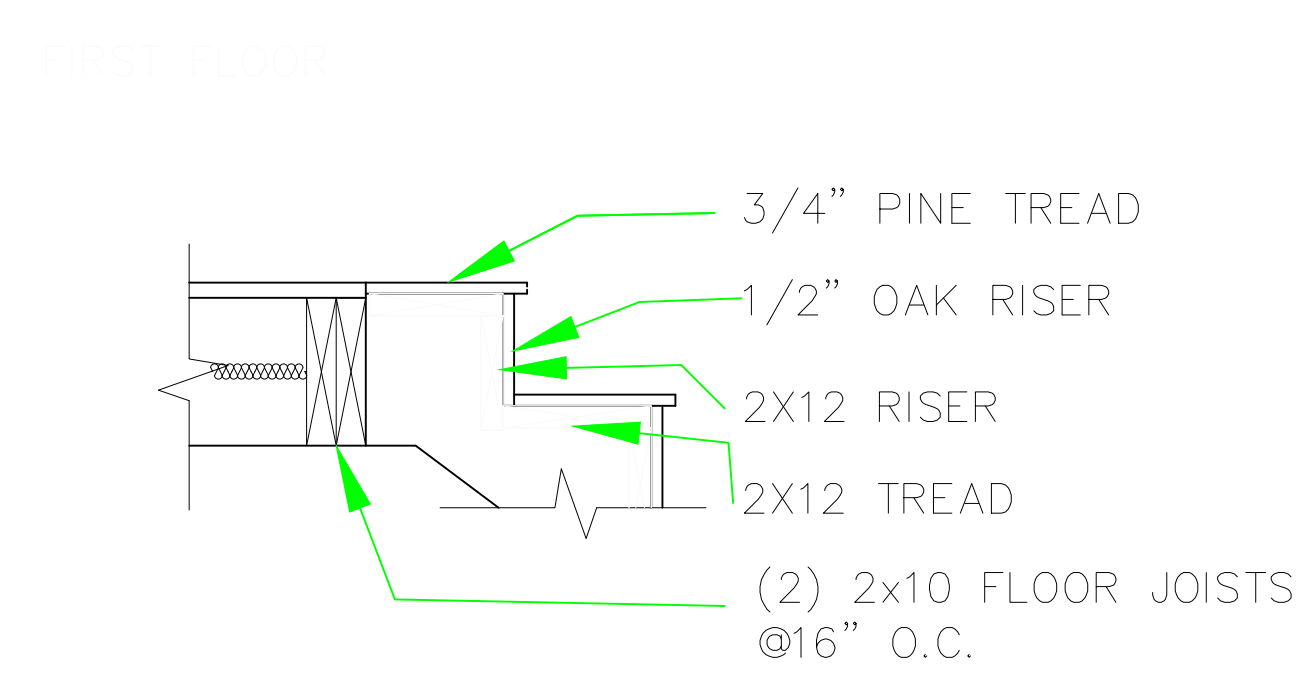
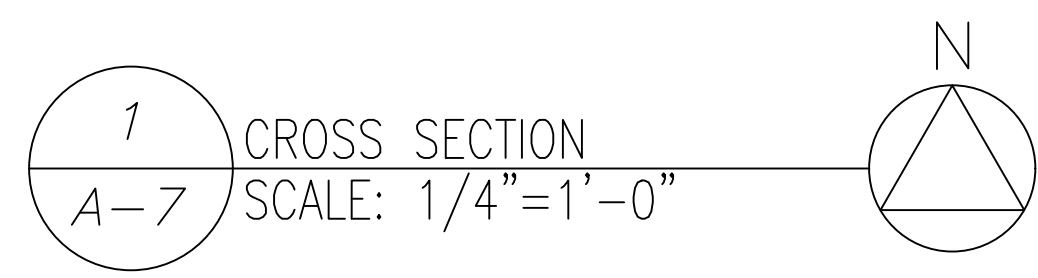
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DRAWN BY: MARY VILLANUEVA

CHK'D BY: PROFESSOR LOPICCOLO

DRAWING NO.

**A-7**



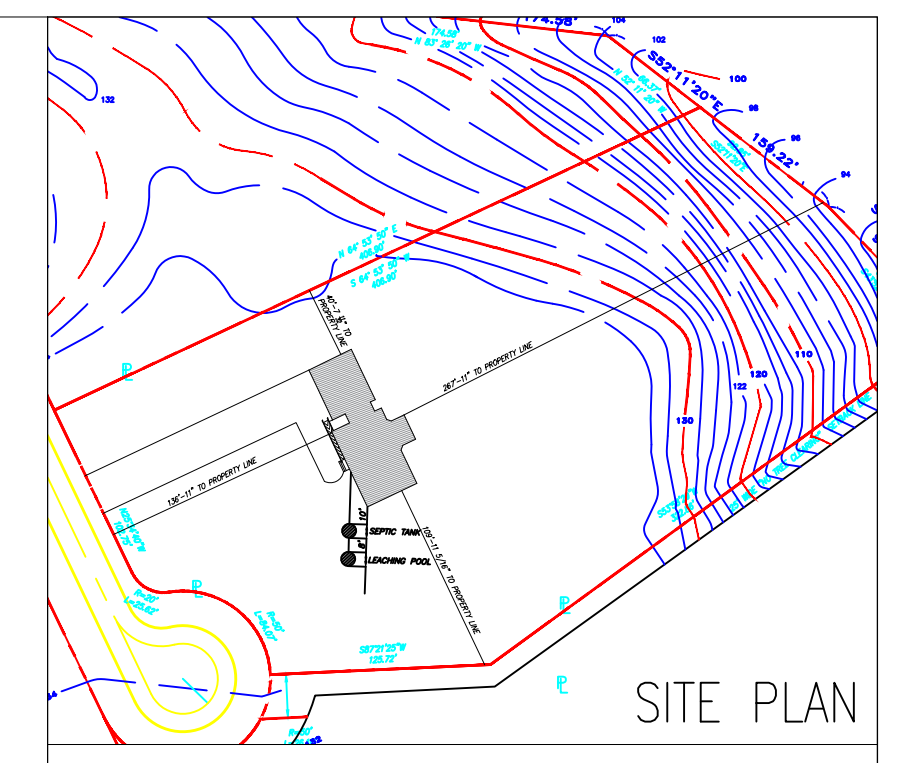
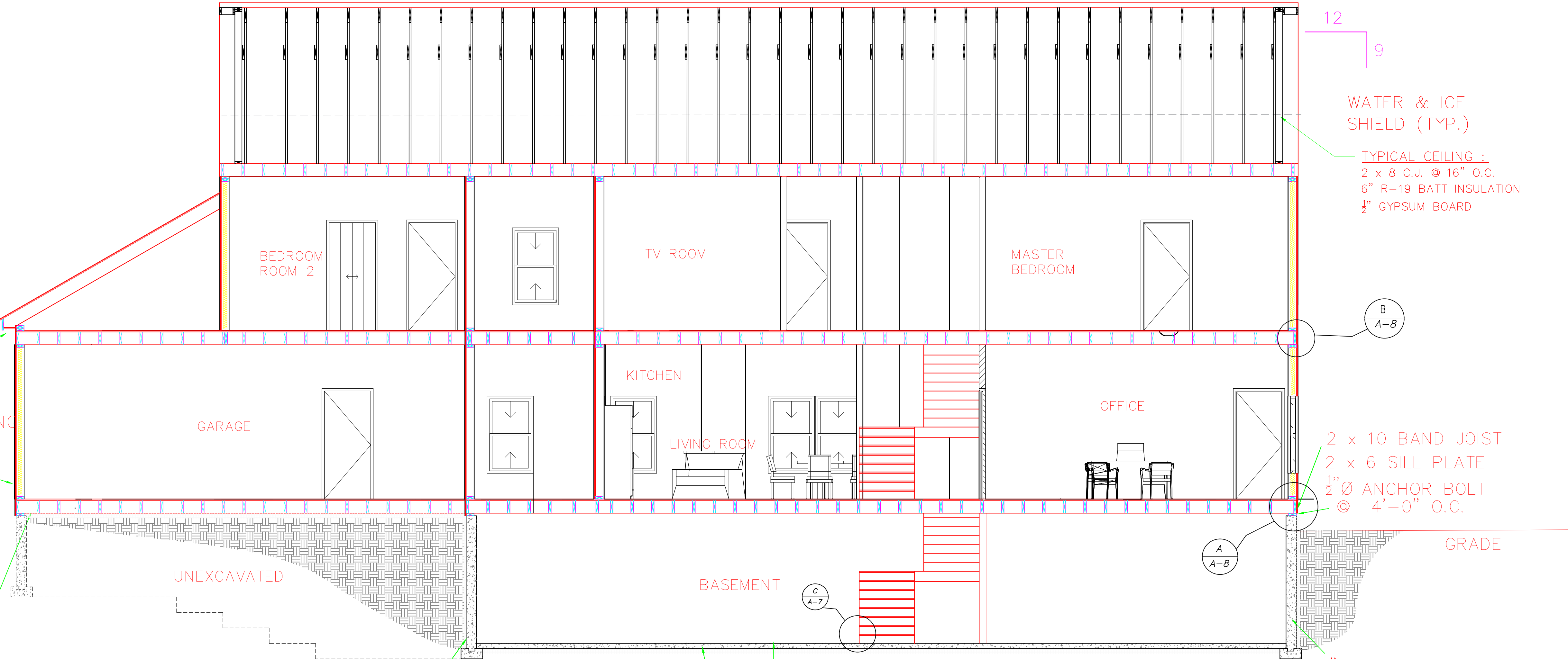
TYPICAL ROOF :  
 ARCH. ASPHALT SHINGLES  
 15# FELT PAPER  
 5/8" CDX PLYWOOD SHEATHING  
 2 x 10 R.R. @ 24" O.C.

WATER & ICE SHIELD (TYP.)

TYPICAL CEILING :  
 2 x 8 C.J. @ 16" O.C.  
 6" R-19 BATT INSULATION  
 1/2" GYPSUM BOARD

TYPICAL WALL:  
 HORIZONTAL VINYL SIDING  
 1/2" RIGID INSULATION  
 TYVEK BLDG. WRAP  
 1/2" CDX PLYWOOD SHEATHING  
 2 x 6 STUDS @ 16" O.C.  
 3 1/2" R-13 BATT INSULATION  
 5/8" GYPSUM BOARD

TYPICAL FLOOR :  
 3/4" PLYWOOD SUBFLOOR  
 2 x 10 F.J. @ 16" O.C.  
 6" R-19 BATT INSULATION



NOTES:



PROJECT:  
 RESIDENTIAL CONSTRUCTION

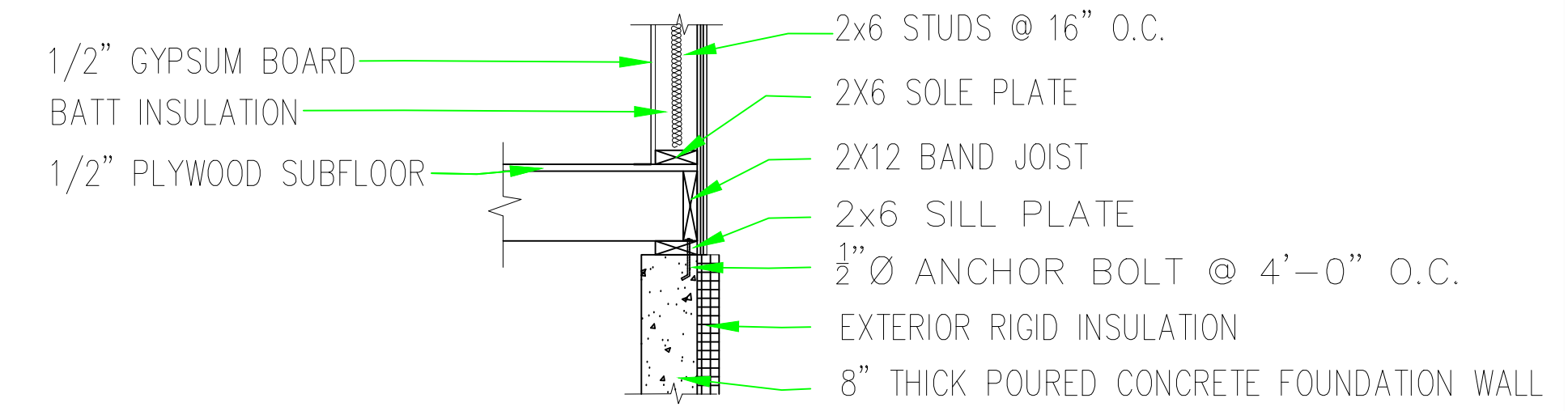
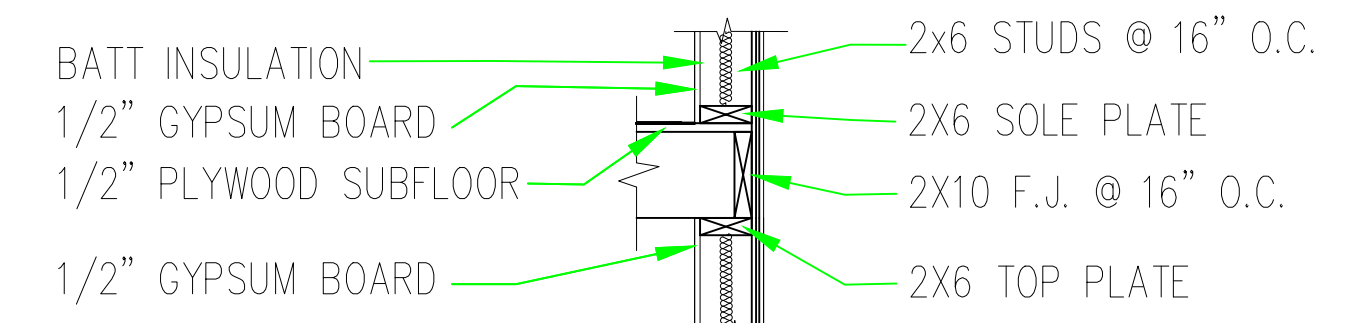
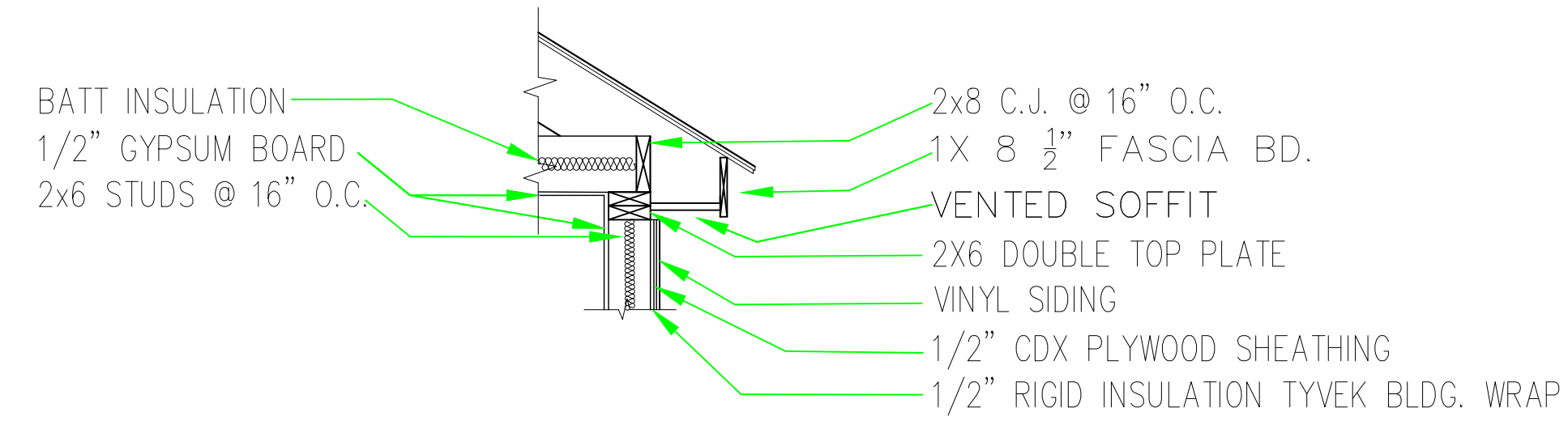
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 DATE: MARCH 25, 2019  
 FILE:

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DRAWING NO.

1 LONGITUDINAL SECTION  
 A-8 SCALE: 1/4"=1'-0"



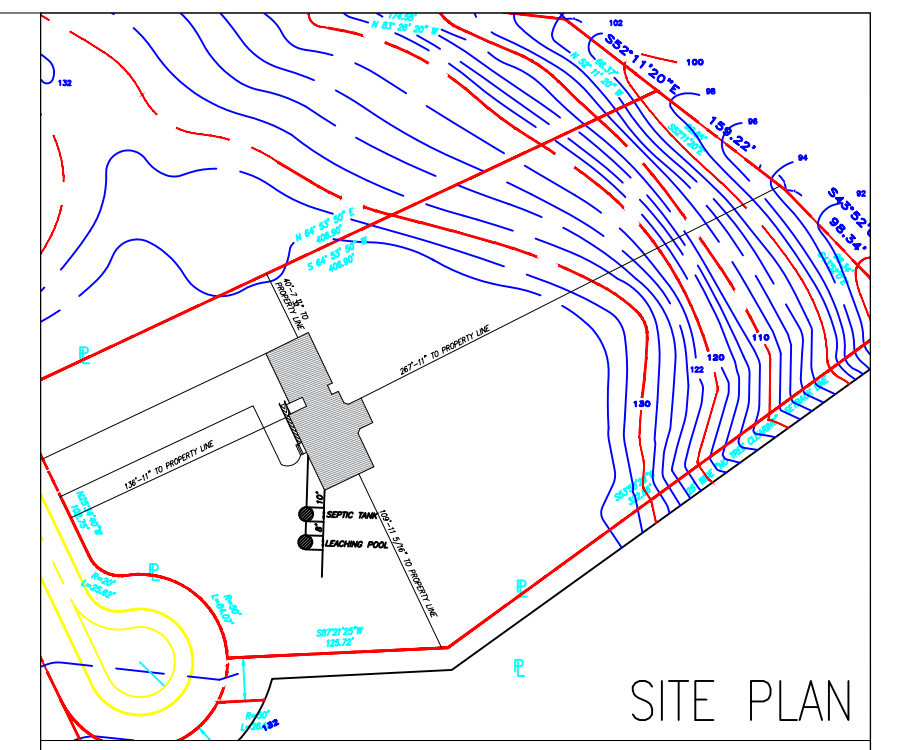
A FOUNDATION TO FIRST FLOOR DETAIL  
 A-8 SCALE: NTS

B FIRST FLOOR TO SECOND FLOOR DETAIL  
 A-8 SCALE: NTS

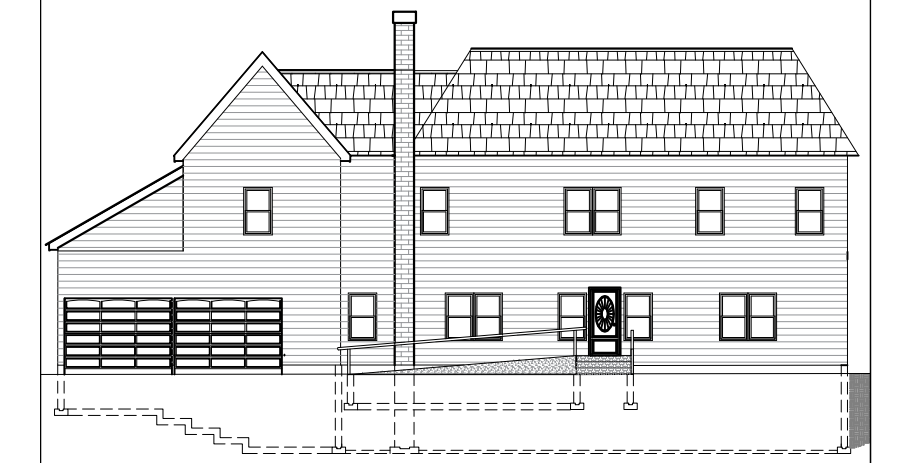
C SECOND FLOOR TO ROOF DETAIL  
 A-8 SCALE: NTS

A-8





SITE PLAN

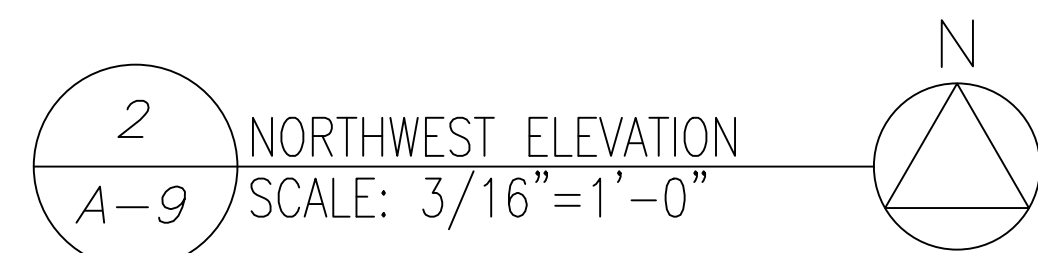
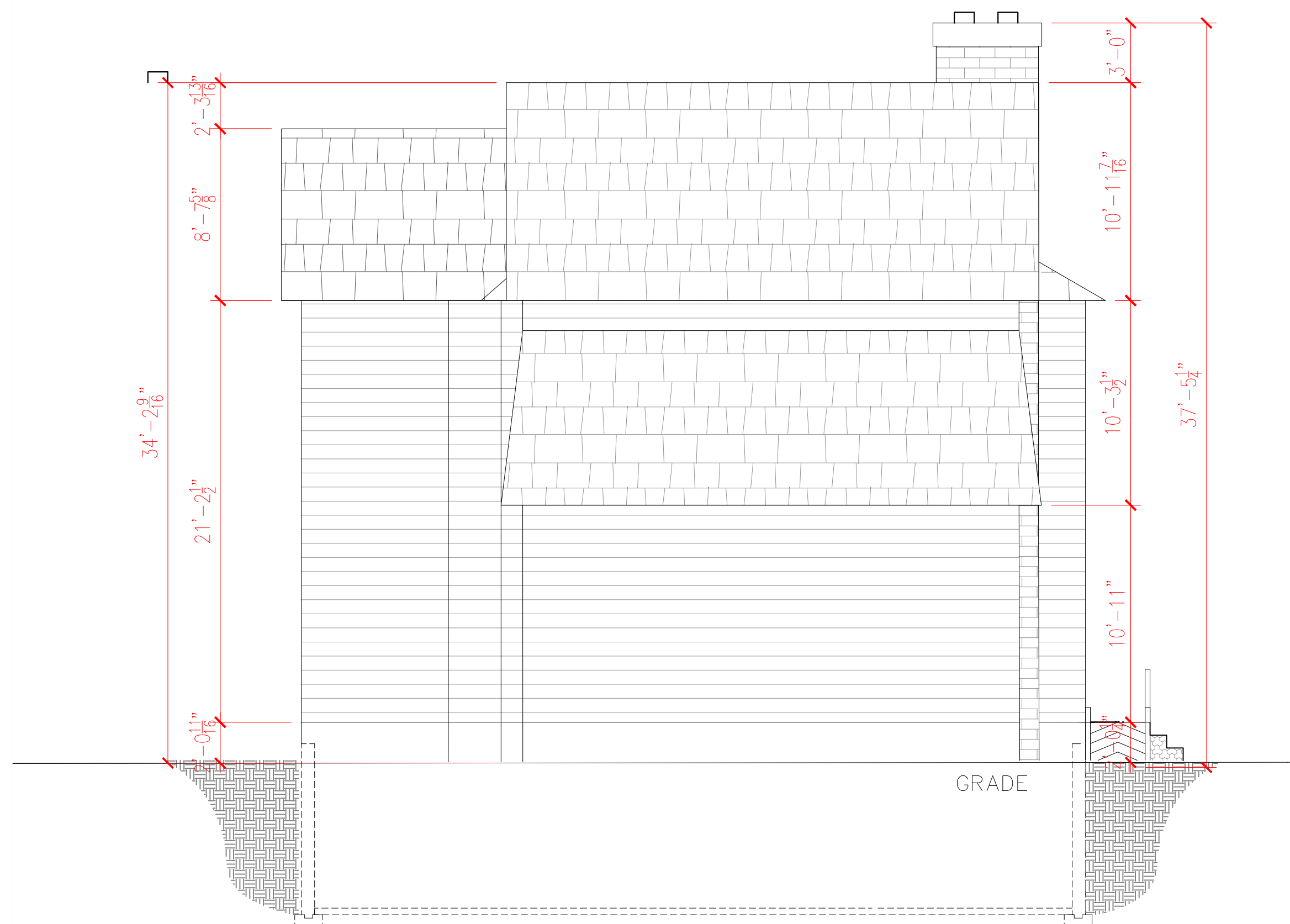
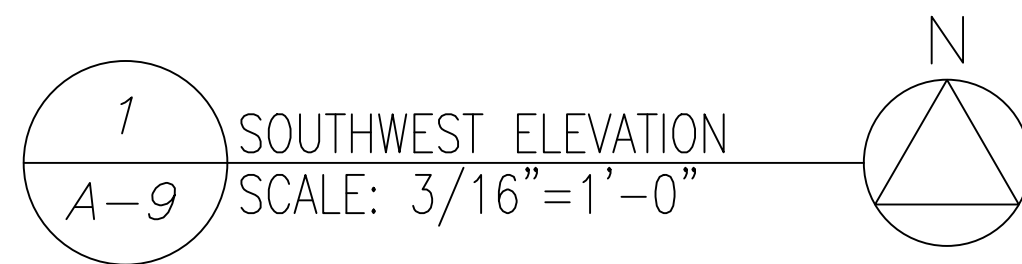


FRONT ELEVATION

NOTES:

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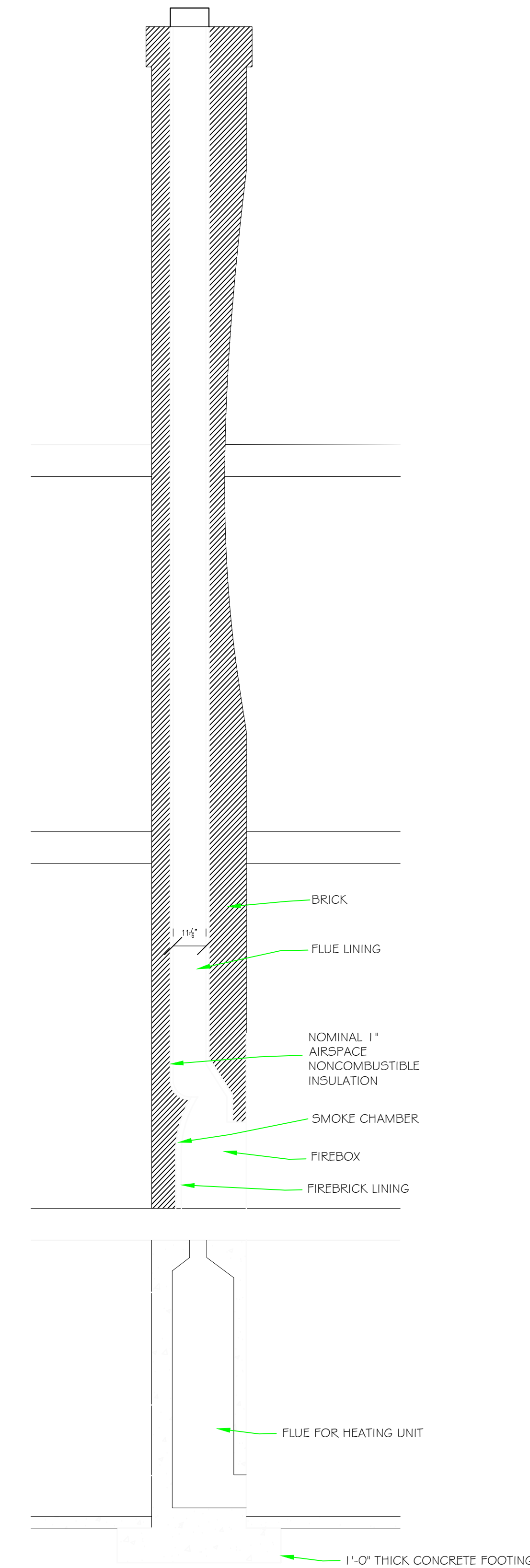
A-9



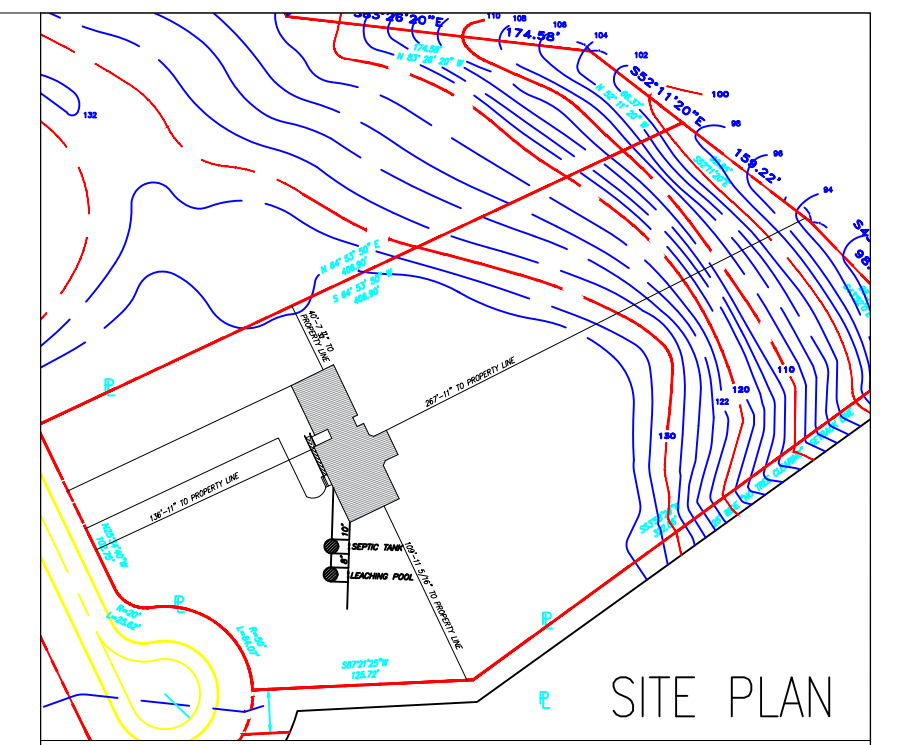
1  
A-10  
NORTHEAST ELEVATION  
SCALE: 3/16"=1'-0"



2  
A-10  
SOUTHEAST ELEVATION  
SCALE: 3/16"=1'-0"



3  
A-10  
FIREPLACE & CHIMNEY DETAIL  
SCALE: 3/8"=1'-0"



FRONT ELEVATION

NOTES:



PROJECT:  
RESIDENTIAL CONSTRUCTION

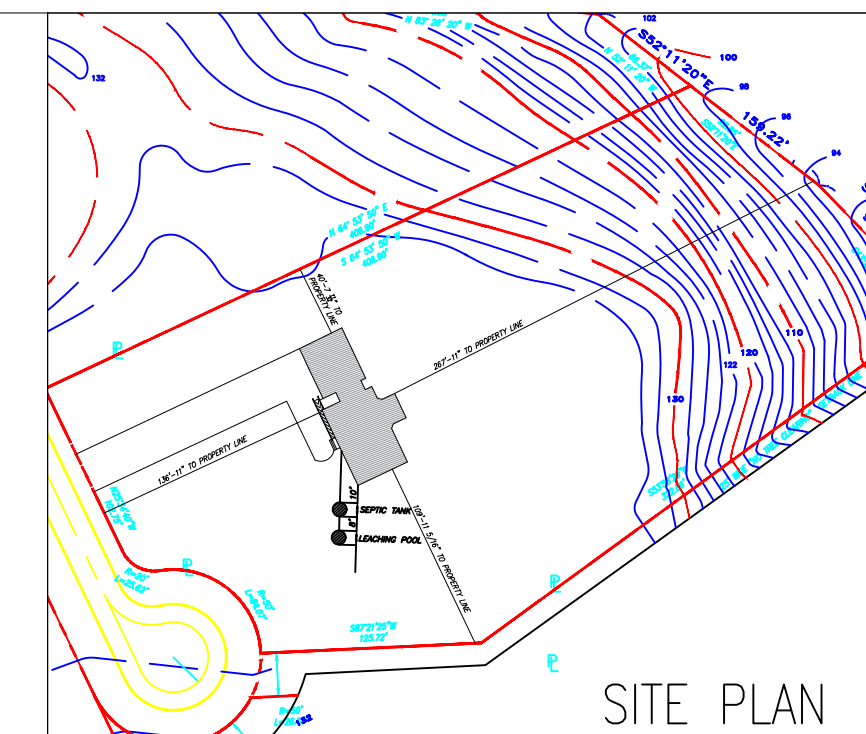
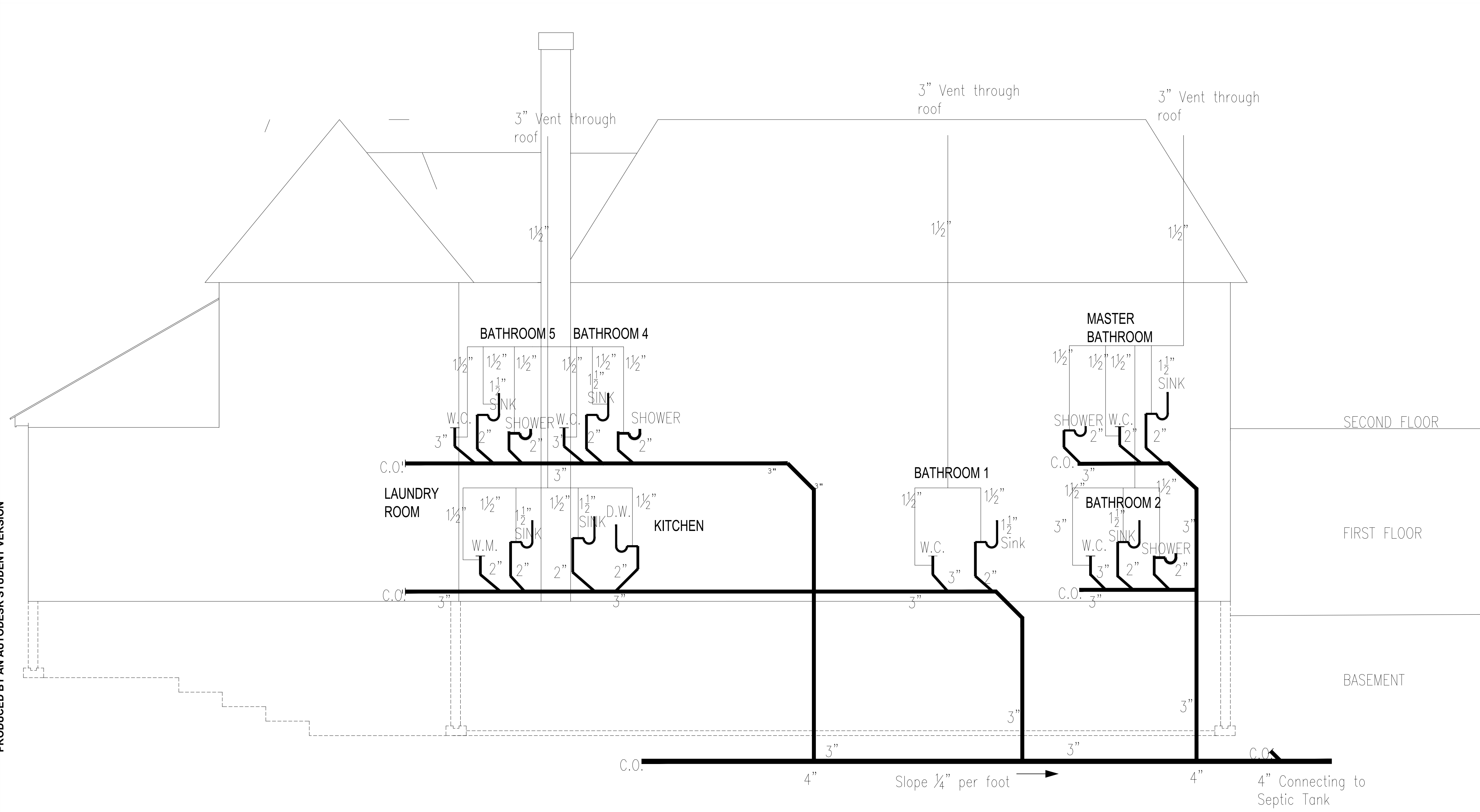
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DRAWING NO.

A-10



SITE PLAN



FRONT ELEVATION

NOTES:



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REF:  
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FILE:

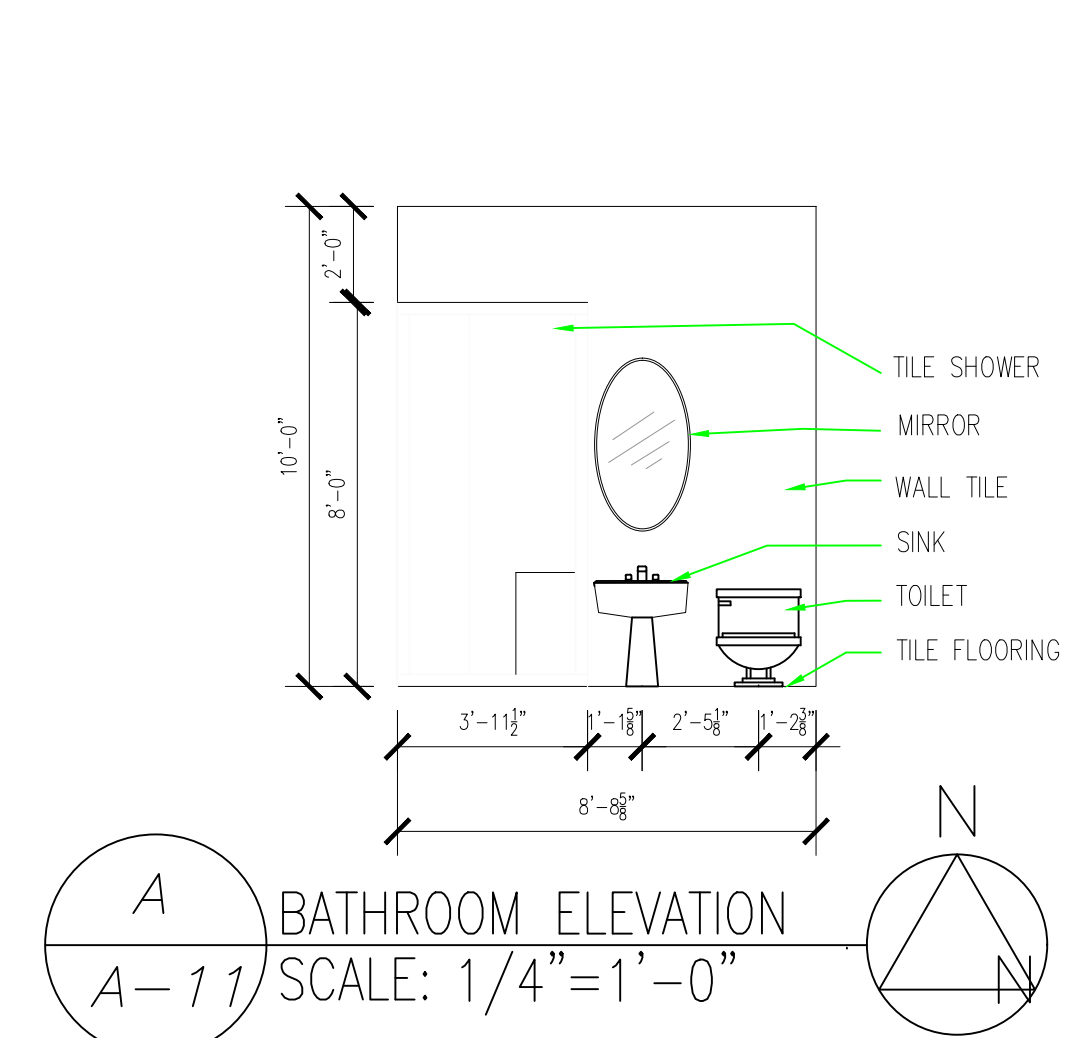
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DRAWING NO.

A-11

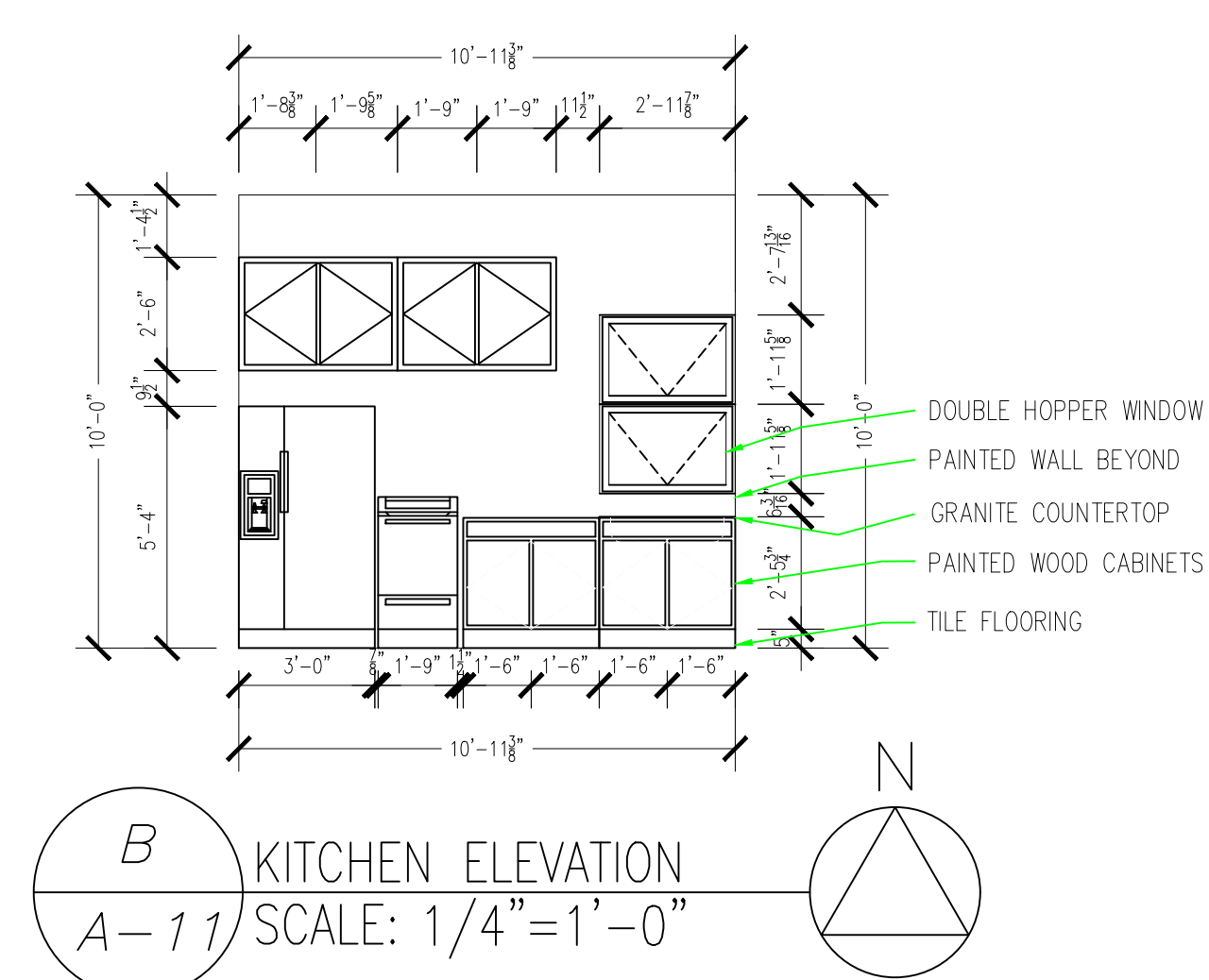
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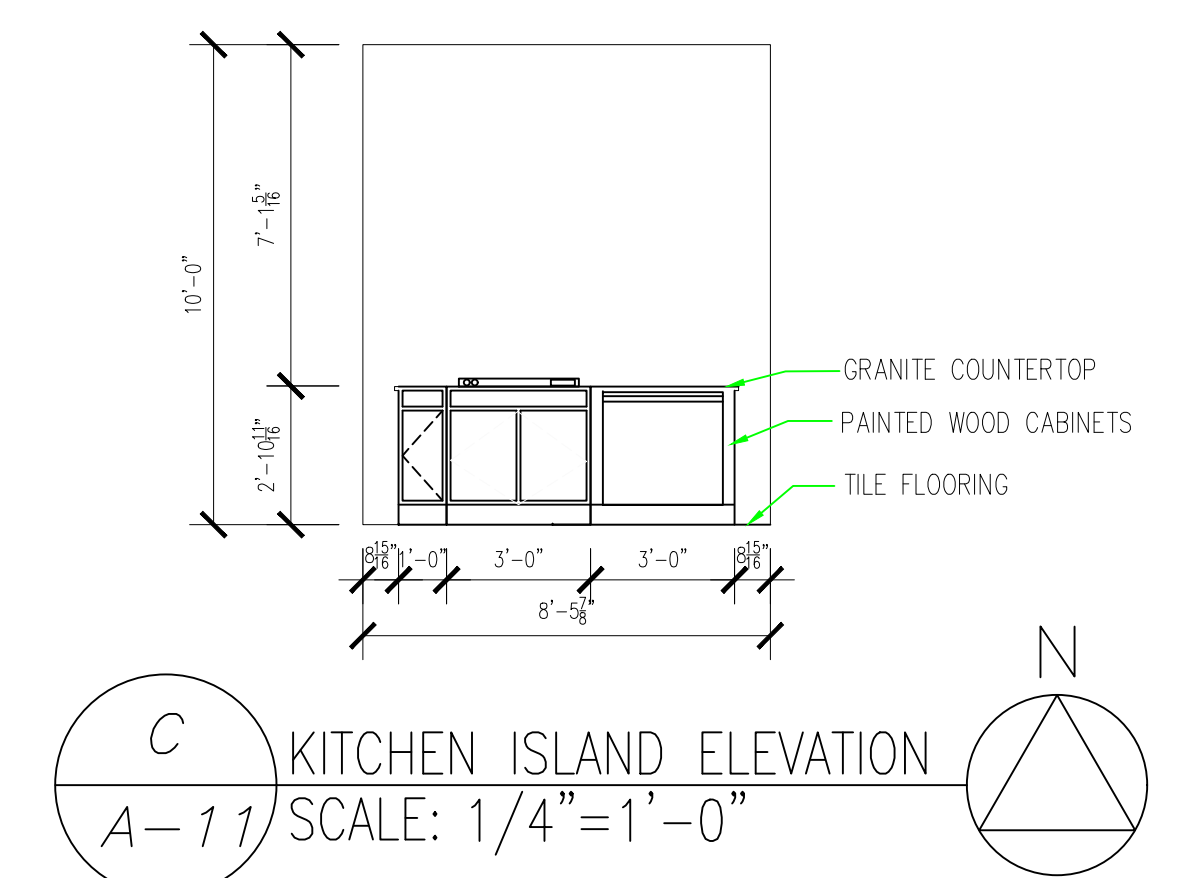
1 PLUMBING DIAGRAM  
A-11 SCALE: 1/4"=1'-0"



A BATHROOM ELEVATION  
A-11 SCALE: 1/4"=1'-0"



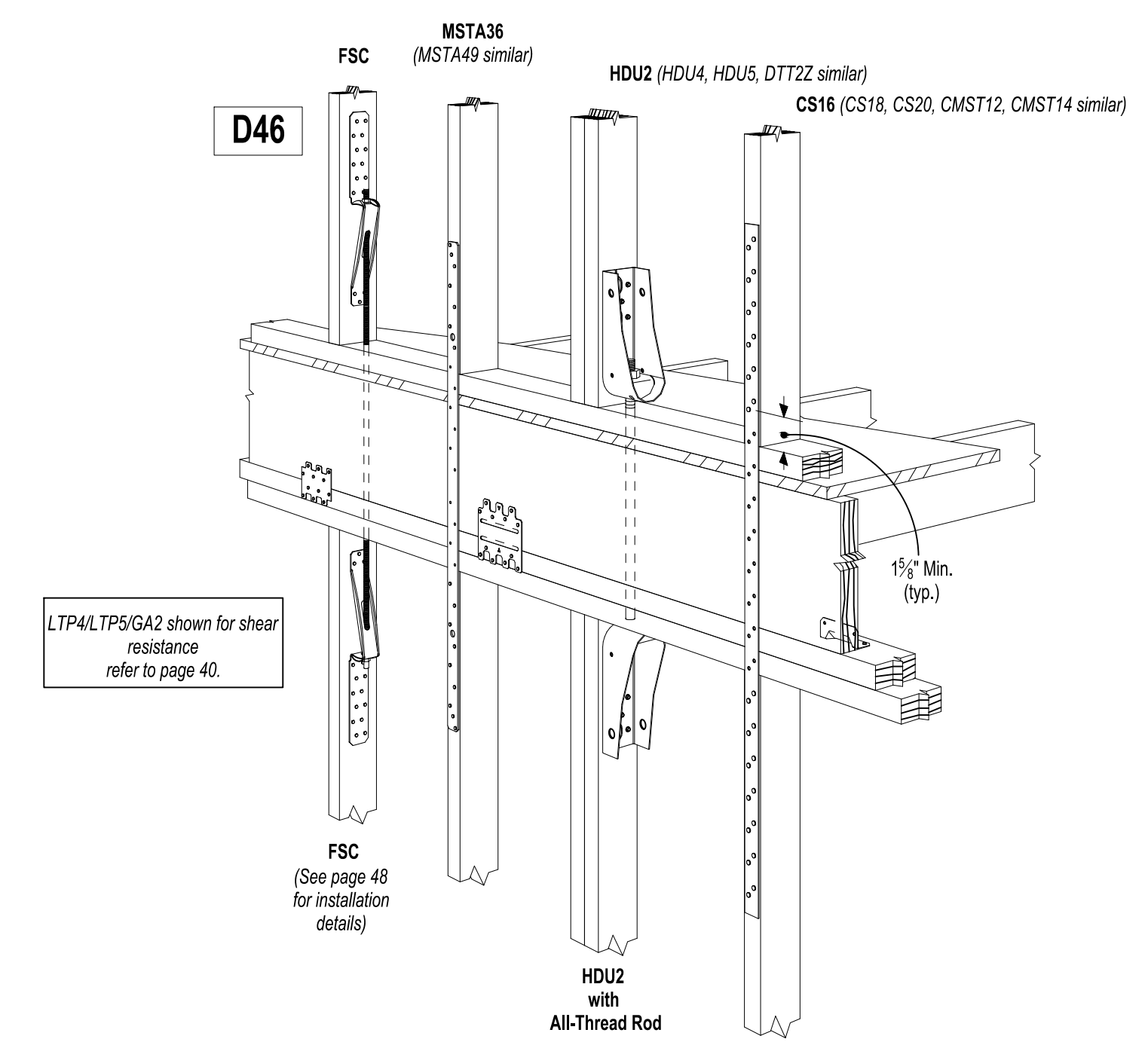
B KITCHEN ELEVATION  
A-11 SCALE: 1/4"=1'-0"



C KITCHEN ISLAND ELEVATION  
A-11 SCALE: 1/4"=1'-0"

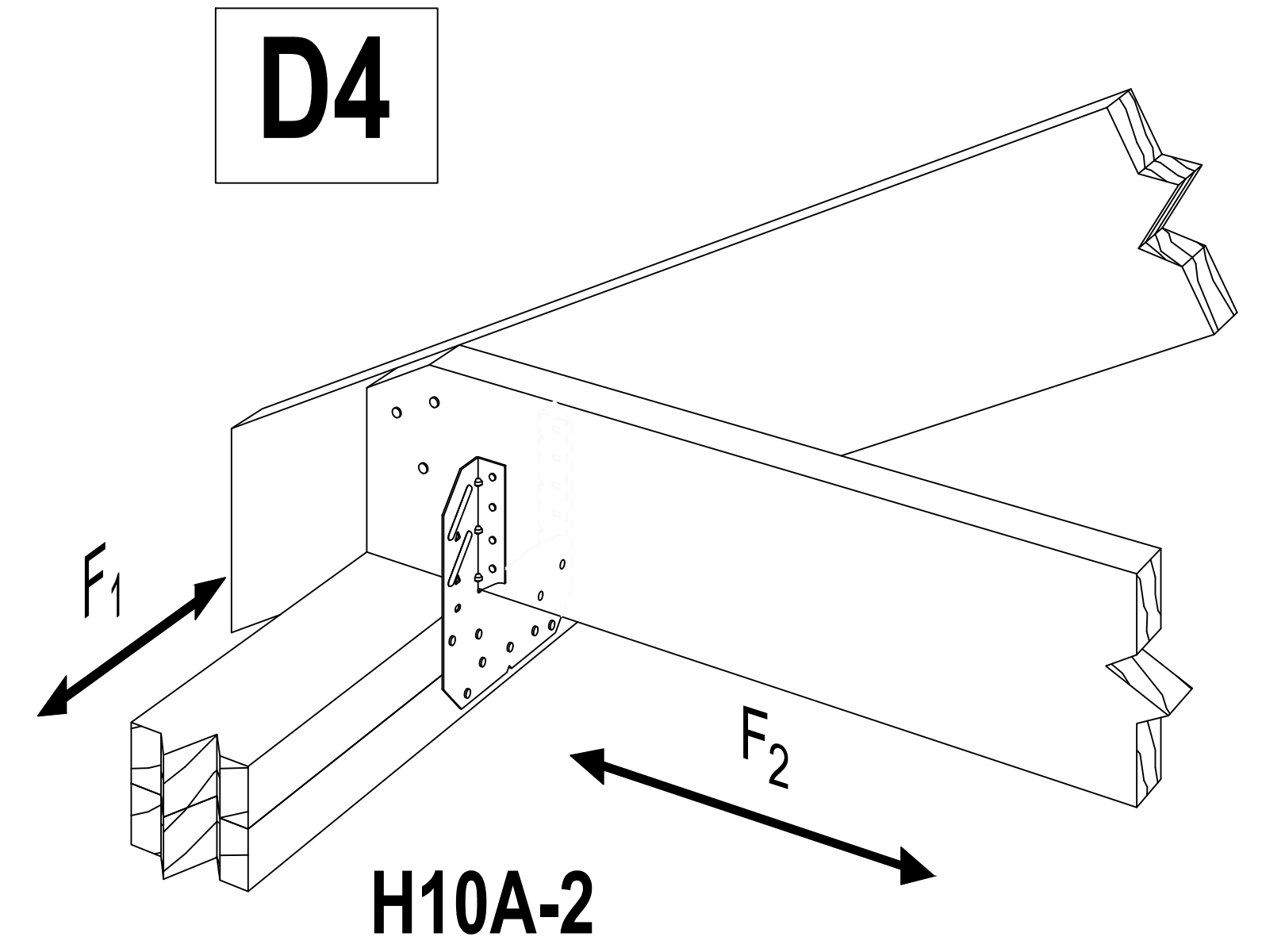
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PRODUCED BY AN AUTODESK STUDENT VERSION



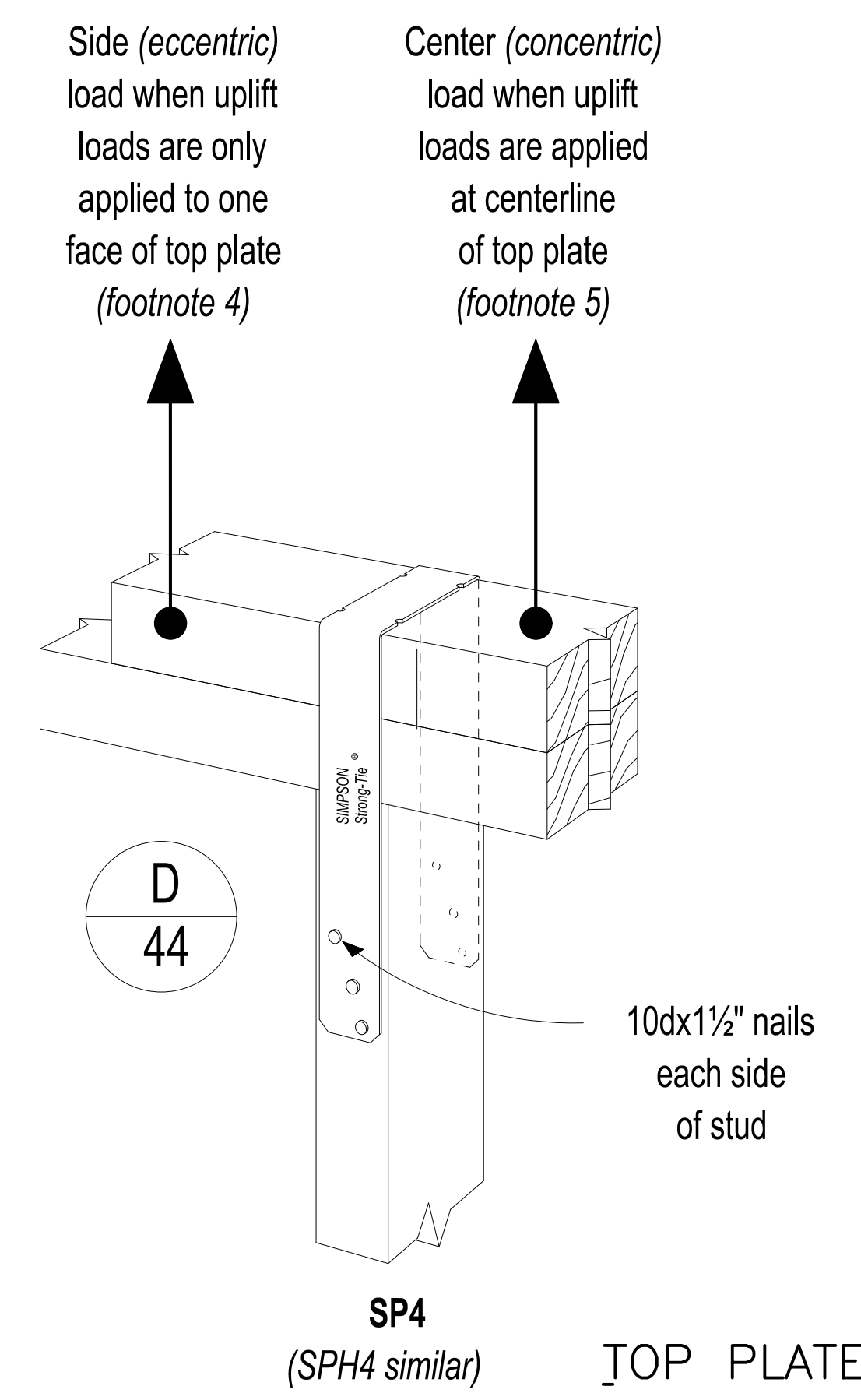
STUD TO STUD WITH HIGH WIND CONECTORS DETAIL

A  
A-12 STRUCTURAL DETAIL  
SCALE: NTS



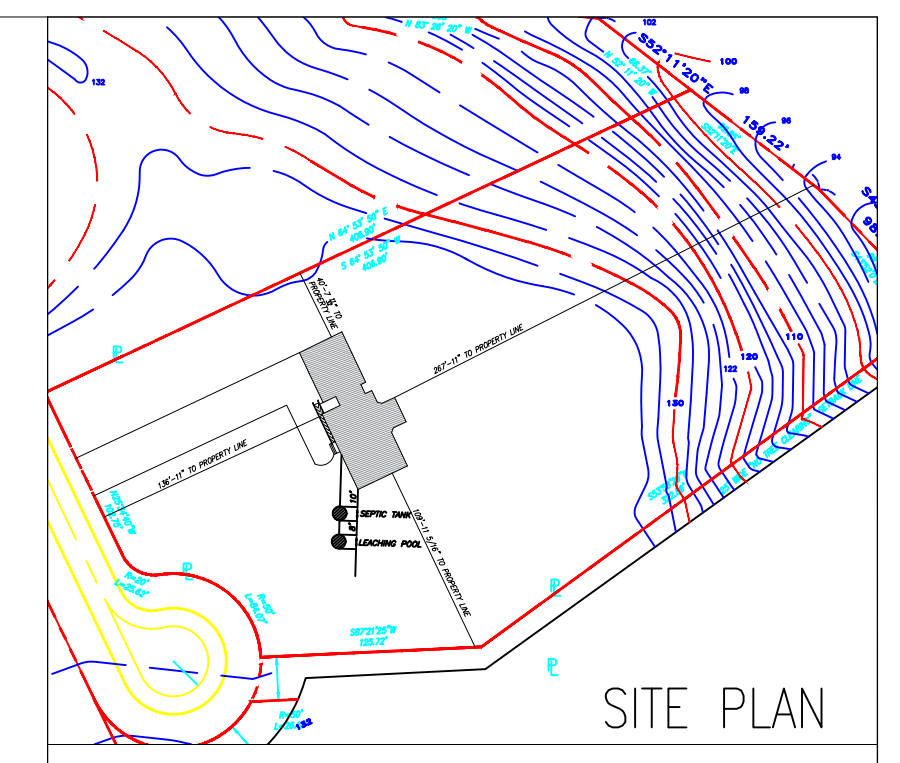
RAFTER TO DOUBLE TOP PLATE WITH HIGH WIND CONECTOR DETAIL

B  
A-12 STRUCTURAL DETAIL  
SCALE: NTS



TOP PLATE

C  
A-12 STRUCTURAL DETAIL  
SCALE: NTS

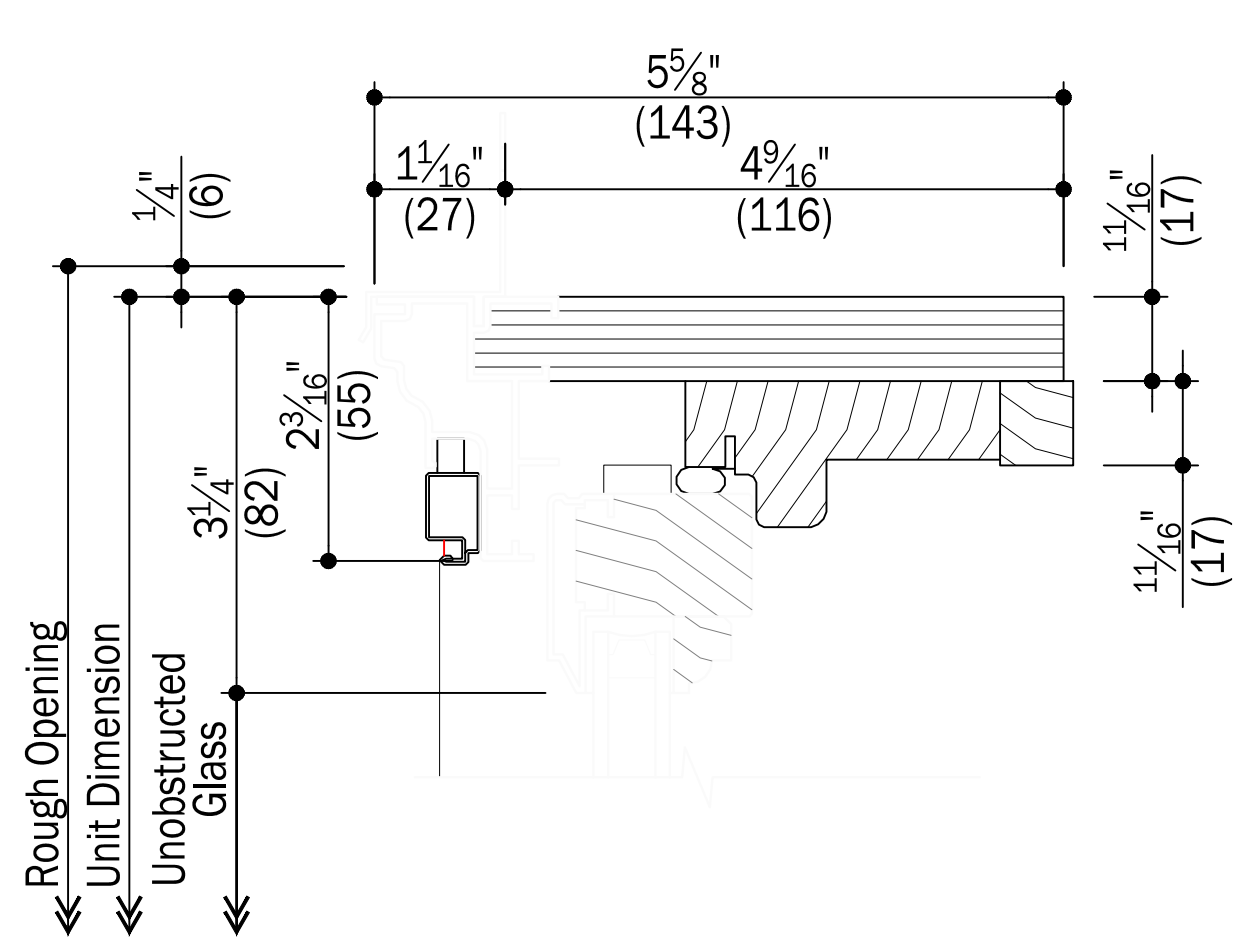


SITE PLAN

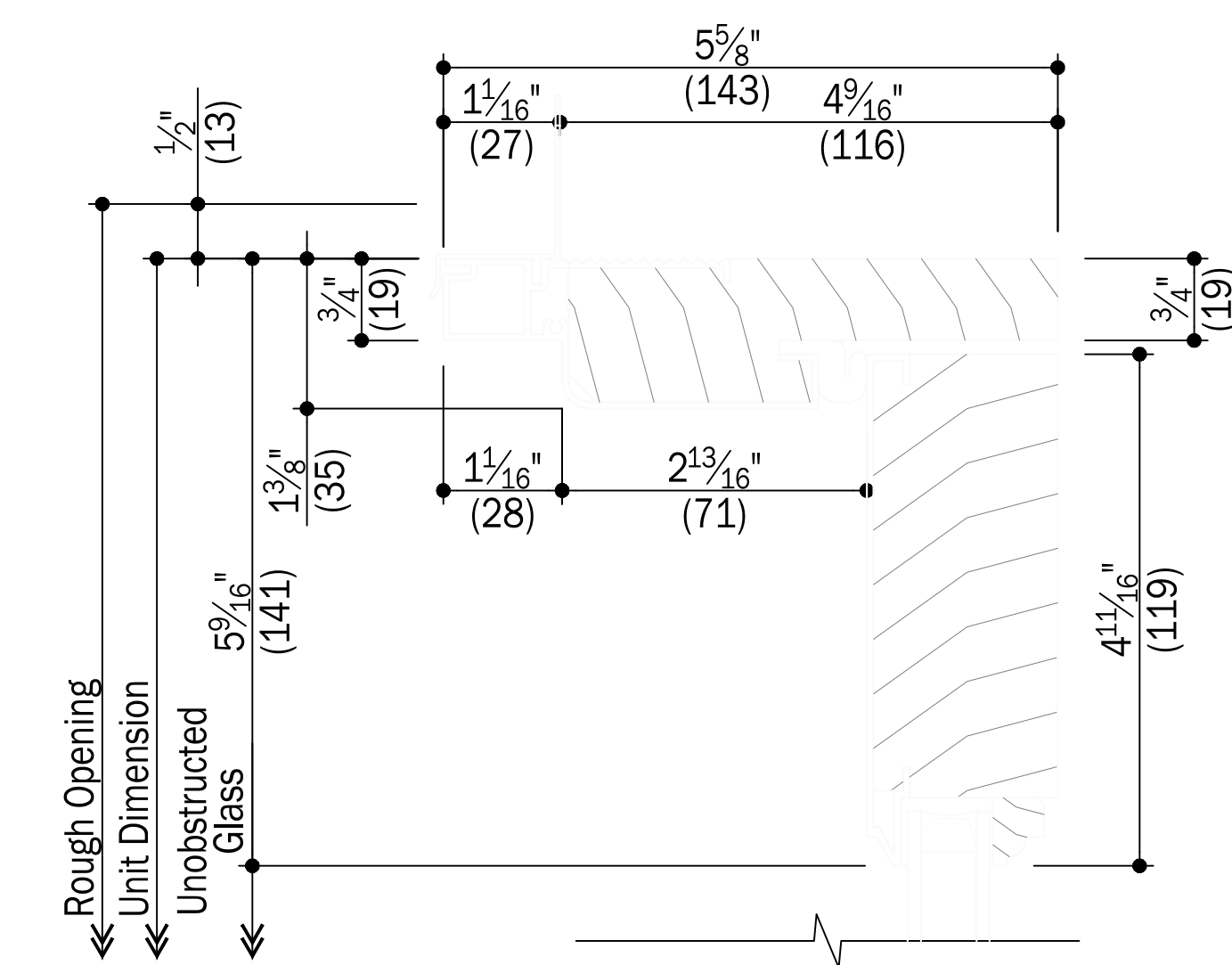


FRONT ELEVATION

NOTES:



D  
A-12 DOUBLE HUNG WINDOW  
SCALE: NTS



E  
A-12 HINGE INSWING STANDARD DOOR  
SCALE: NTS

Andersen Windows, Inc. reserves the right to change drawing specifications without notice

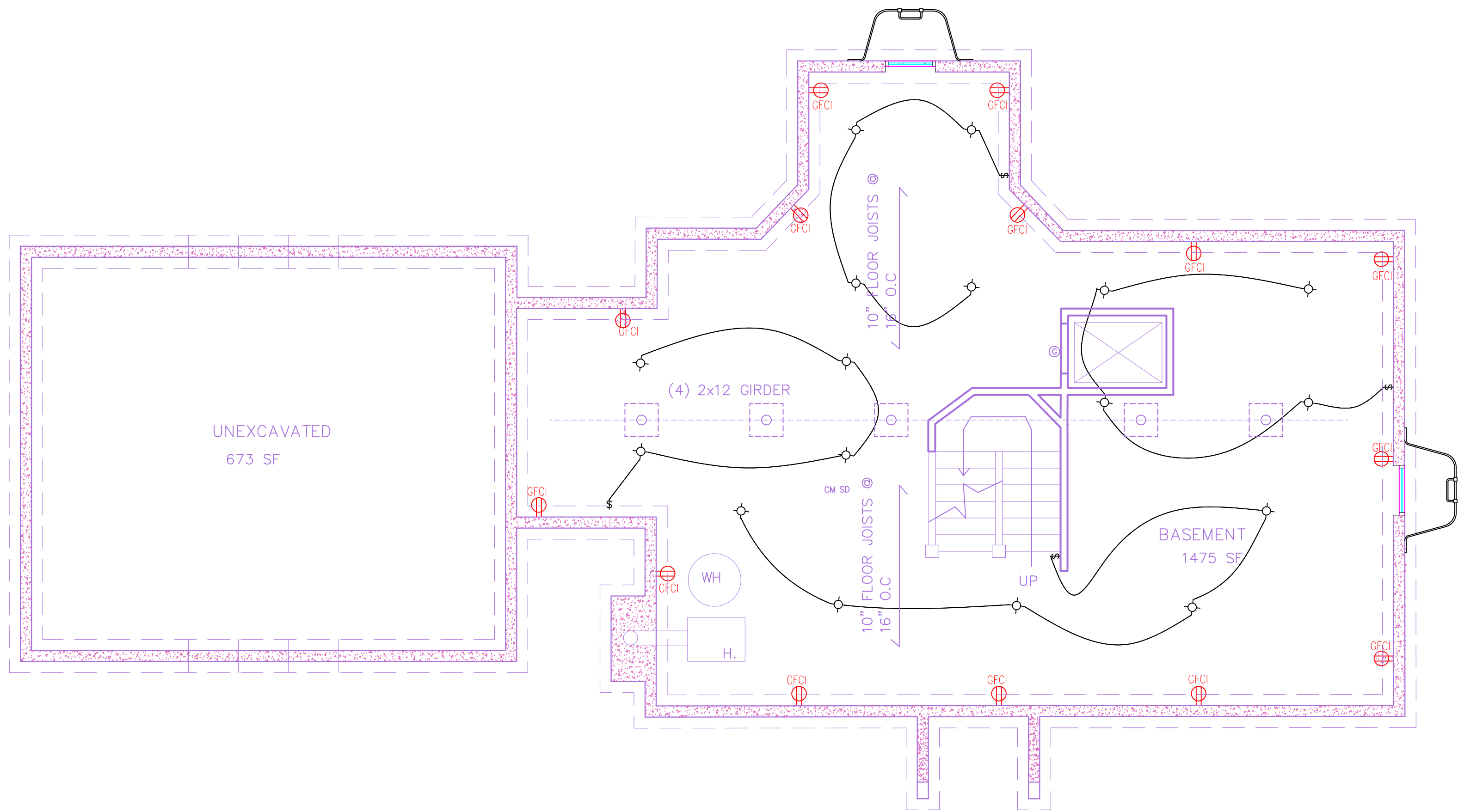


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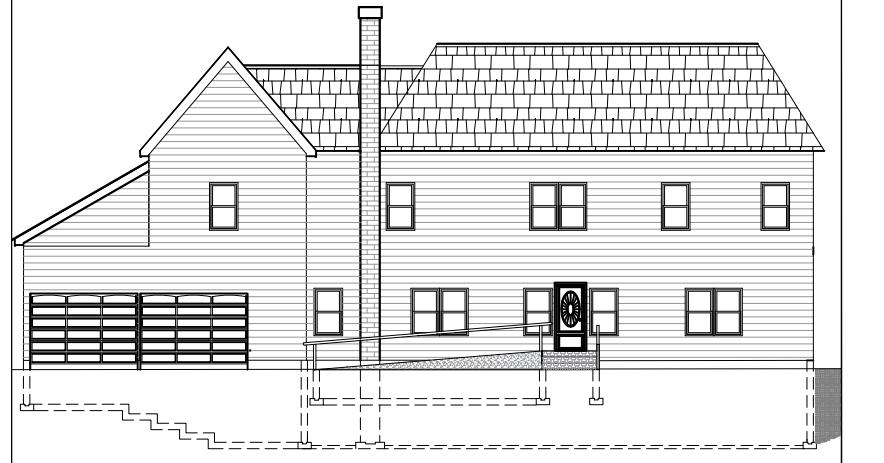
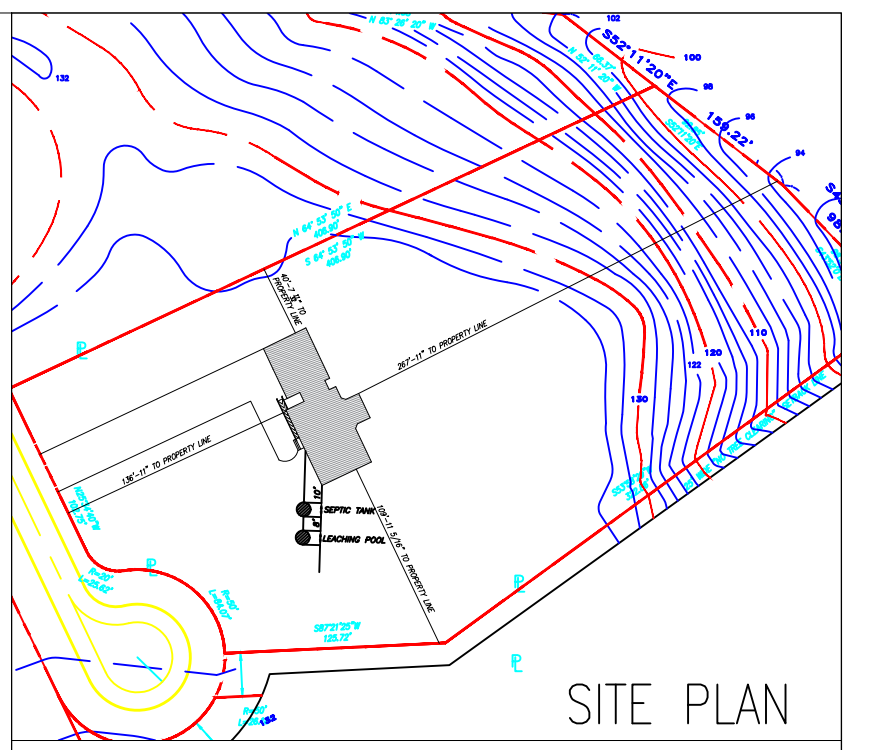
DRAWING NO.

A-12



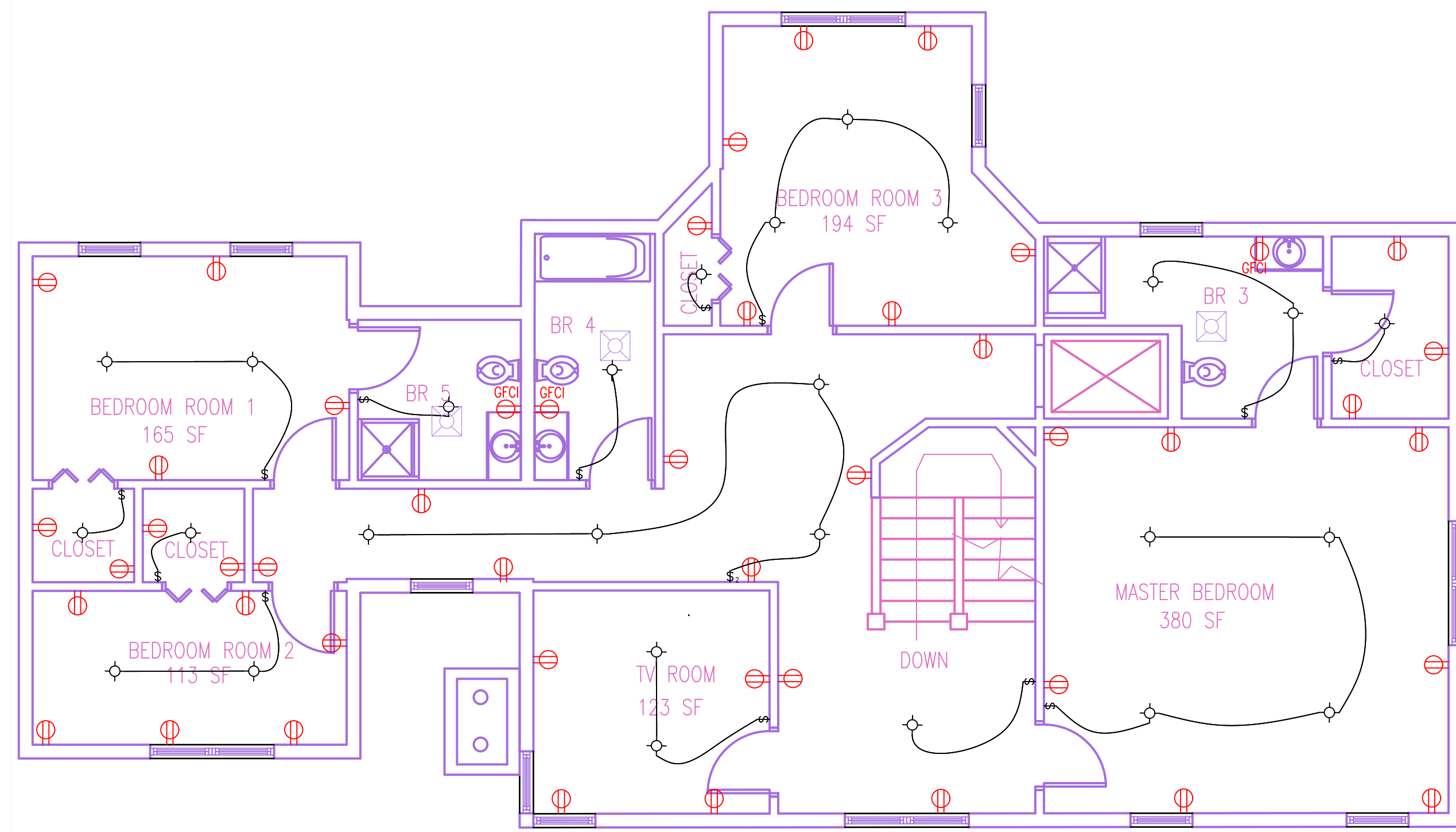
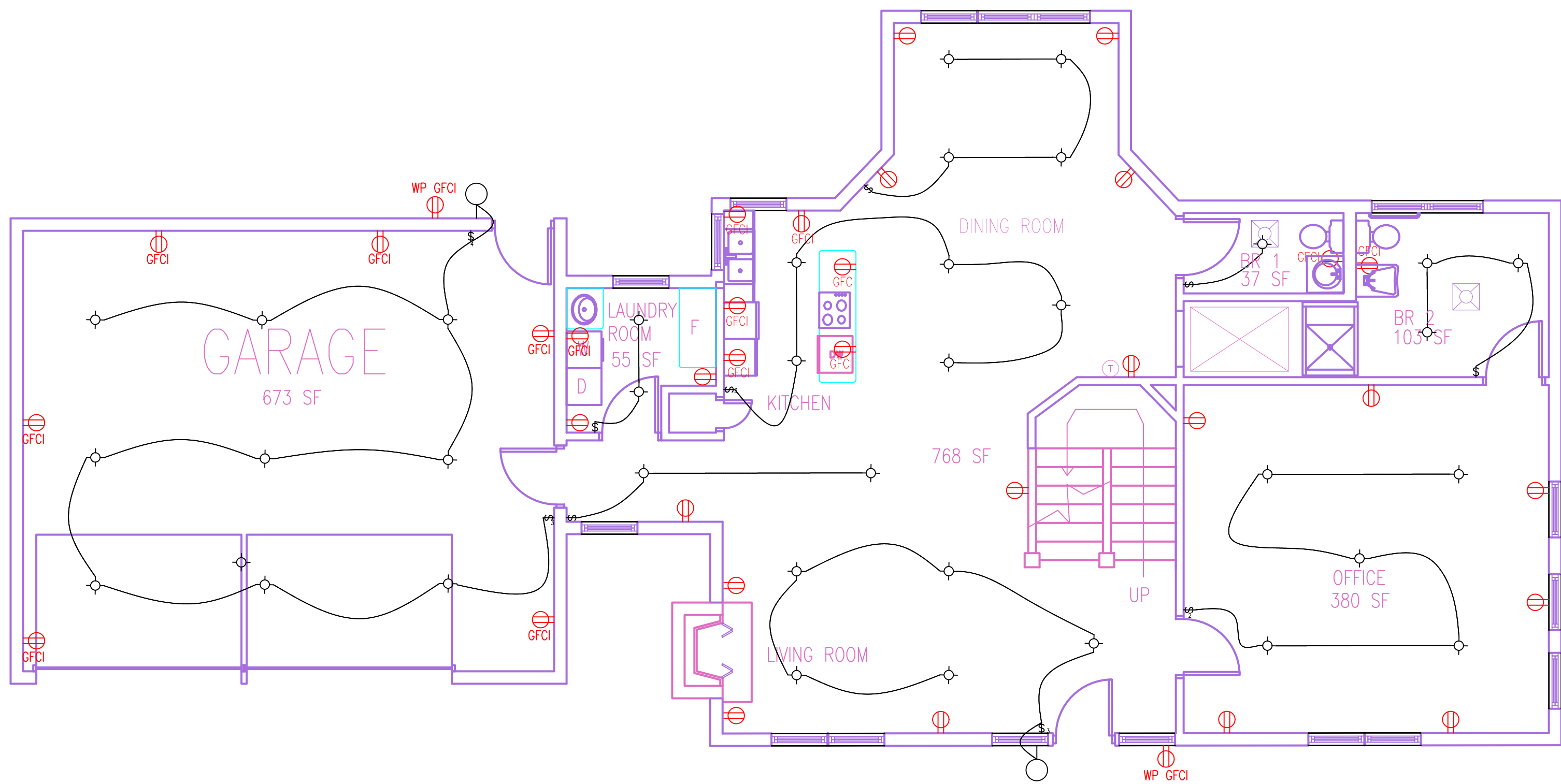
### ELECTRICAL SCHEDULE

	SMOKE DETECTOR
	CARBON MONOXIDE DETECTOR
	RECESSED LIGHT FIXTURE
	GFCI SWITCH
	THERMOSTAT
	HOME RUN
	CONTROL PANEL
	DUPLEX SWITCH
	SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	OUTSIDE LIGHT FIXTURE
	ROMEX CABLE



NOTES:

1  
ELECTRICAL PLAN  
FOUNDATION  
A-13 SCALE: 3/16"=1'-0"



2  
ELECTRICAL PLAN  
FIRST FLOOR  
A-13 SCALE: 3/16"=1'-0"

3  
ELECTRICAL PLAN  
SECOND FLOOR  
A-13 SCALE: 3/16"=1'-0"



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CHK'D BY: PROFESSOR LOPICCOLO

DRAWING NO.

# A-13