

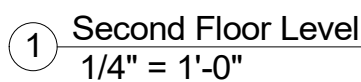


<b><u>WALL ASSEMBLIES</u></b>	
<b>ITEM</b>	<b>DESCRIPTION</b>
	EXTERIOR WALLS 2X6
	INTERIOR WALLS 2X4

DRAWN
BY:
CHECKED BY:
S
A
DATE
02/28/2024
SCAL
1/4" = 1'-0"
SHEET
T
<b>A-1.1</b>



RA  
DESIGN  
&  
ENGINEERING

[illegible]

**SHEET TITLE:**  
**SECOND**  
**FLOOR PLAN**

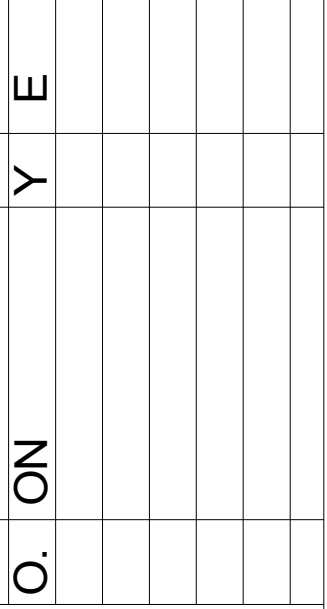
DESIGN BUILD  
CONTRACTOR:

## PROJECT DETAILS: Project Name

## Address

DRAWN
BY:
A
CHECKED BY:
S
A
DATE
02/28/2024
SCALE
1/4"= 1'-0"
SHEET
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# A-2.0

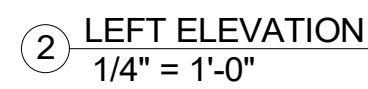
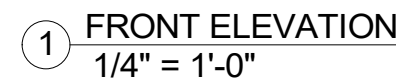


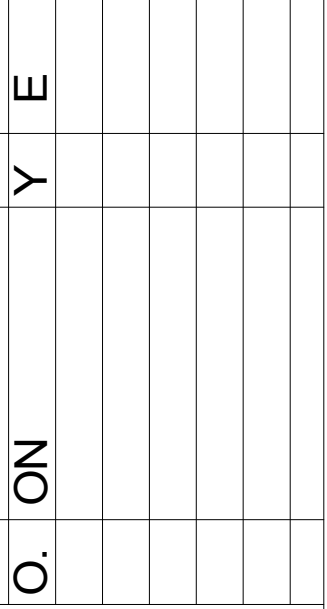
DESIGN BUILT  
CONTRACTOR:

## Address

RAWN
Y:
CHECKED BY:
DATE
02/28/2024
SCAL
1/4"E = 1'-0"
SHEE
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## A-4.0

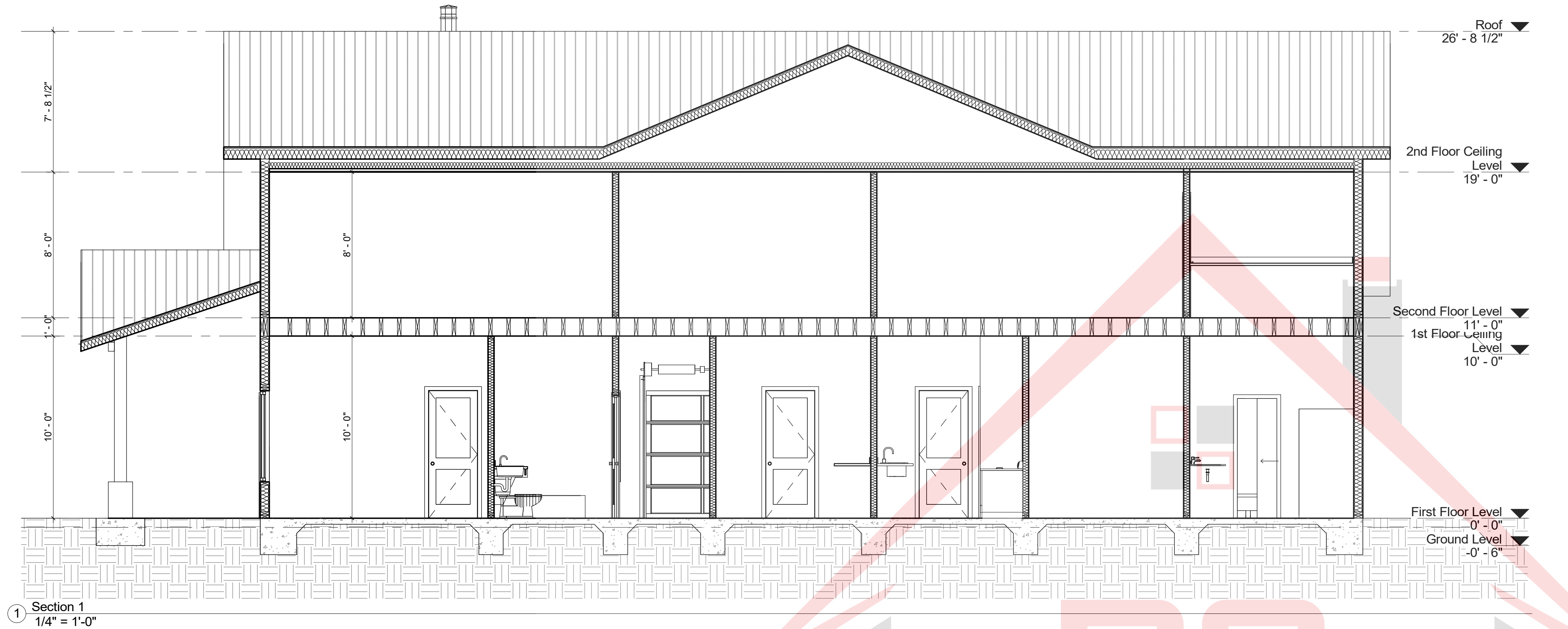




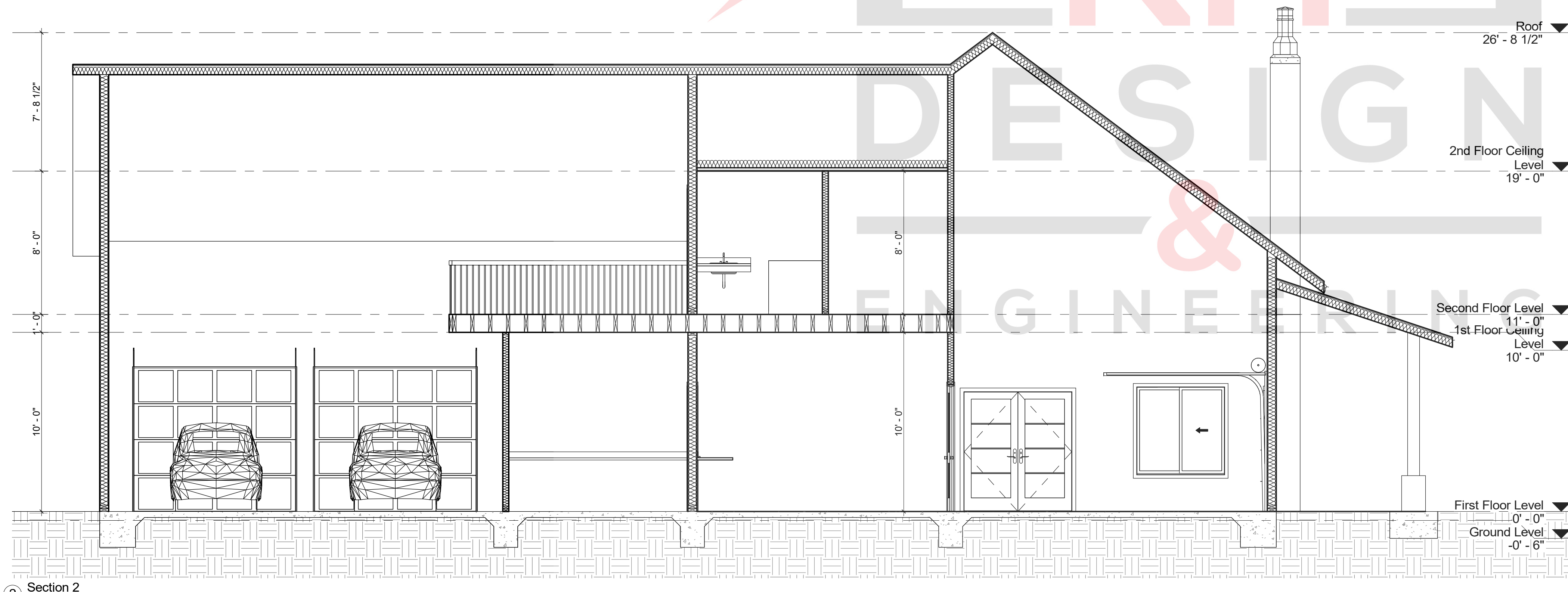
DESIGN BUILD  
CONTRACTOR:

## Address

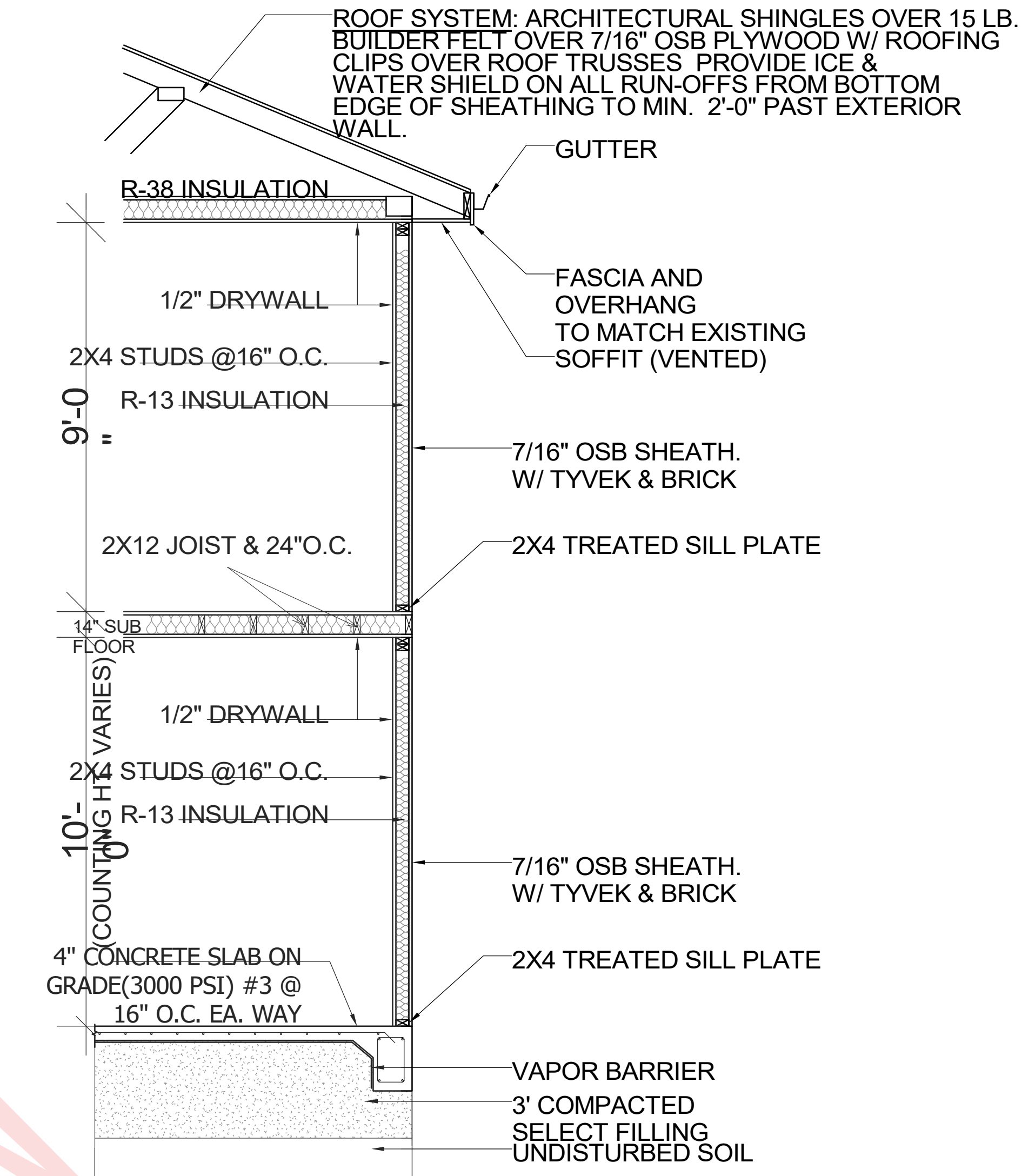
RAWN
Y:
CHECKED BY:
DATE
02/28/2024
SCAL
1/4"E = 1'-0"
SHEE
T
<b>A-5.0</b>



① Section 1  
1/4" = 1'-0"



② Section 2  
1/4" = 1'-0"



④ TYPICAL WALL SECTION-2 Copy 1  
3/8" = 1'-0"



N	DESCRIPTION	B	DATE
		Y	E

SHEET TITLE:  
**BUILDING  
SECTION-1 & 2**

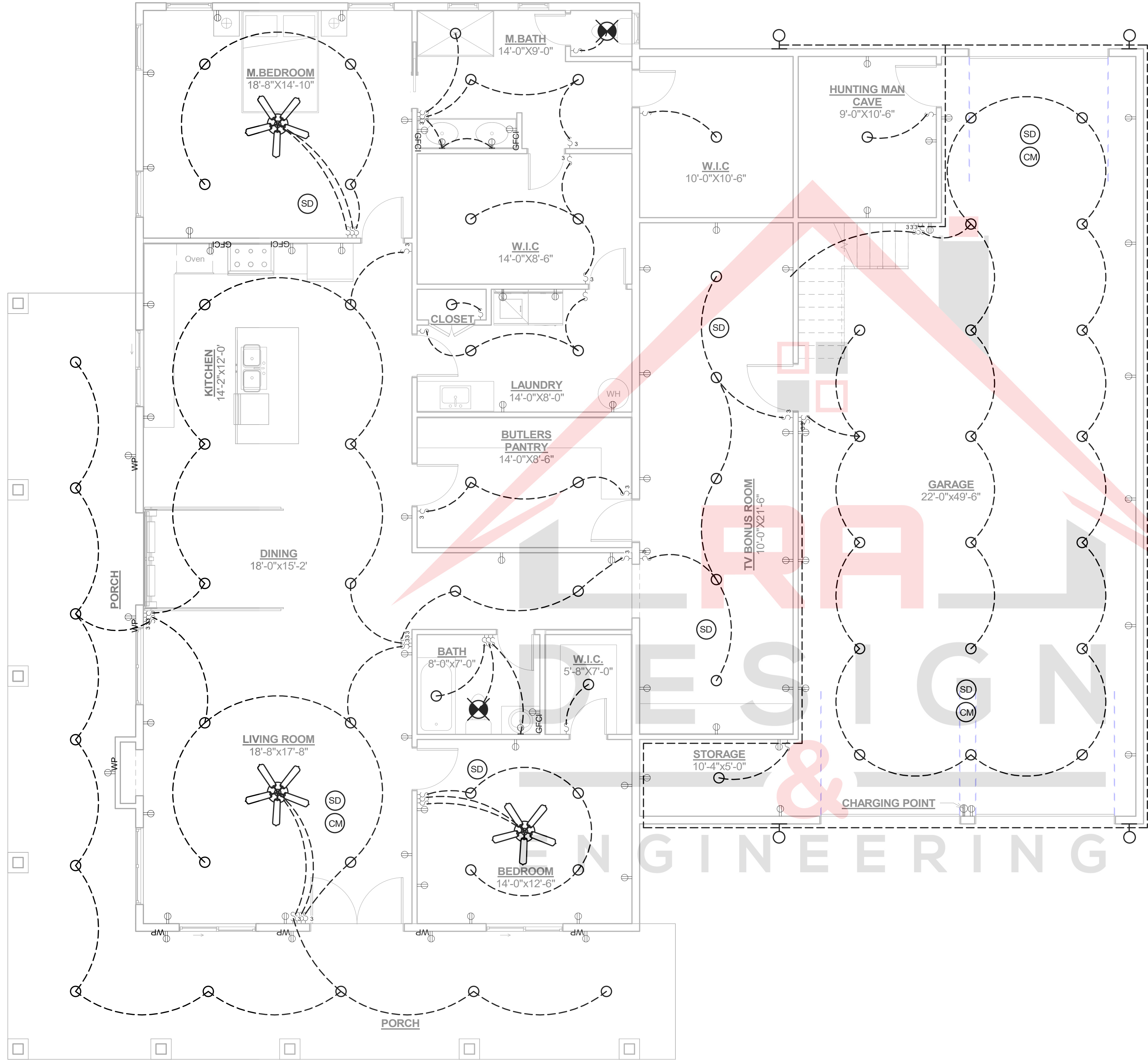
DESIGN BUILD  
CONTRACTOR:

PROJECT  
DETAILS:  
**Project Name**  
Address

DRAWN  
BY:  
CHECKED BY:  
S  
A  
DATE  
02/28/2024  
SCAL  
As indicated  
SHEET

**A-6.0**





1 First Floor Level Electrical  
1/4" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN WITH LIGHT
	TV CONNECTION
	DATA JACK
	TELEPHONE JACK
	GFCI PROTECTED OUTLET
	STANDARD 110V OUTLET
	STANDARD 220V OUTLET
	PROGRAMMABLE THERMOSTAT
	LIGHT SWITCH
	3-WAY LIGHT SWITCH
	CEILING MOUND RADINAT HEATER
	ELECTRICAL PANEL
	WALL MOUNTED LIGHT FIXTURE
	FLOOD LIGHT FIXTURE
	RECESSED CEILING CAN
	PENDANT LIGHT FIXTURE
	VANITY LIGHT
	LED STRIP LIGHT
	FLUORESCENT LIGHT
	EXHAUST FAN
	SMOKE DETECTOR
	CARBON MONOXIDE DETECTOR
	SECURITY CAMERA

PROJECT DETAILS:

Project Name

Address

DESIGN BUILD CONTRACTOR:

SHEET TITLE:

FIRST FLOOR ELECTRICAL PLAN

N

DESCRIPTION

B

DATE

DRAWN BY:

CHECKED BY:

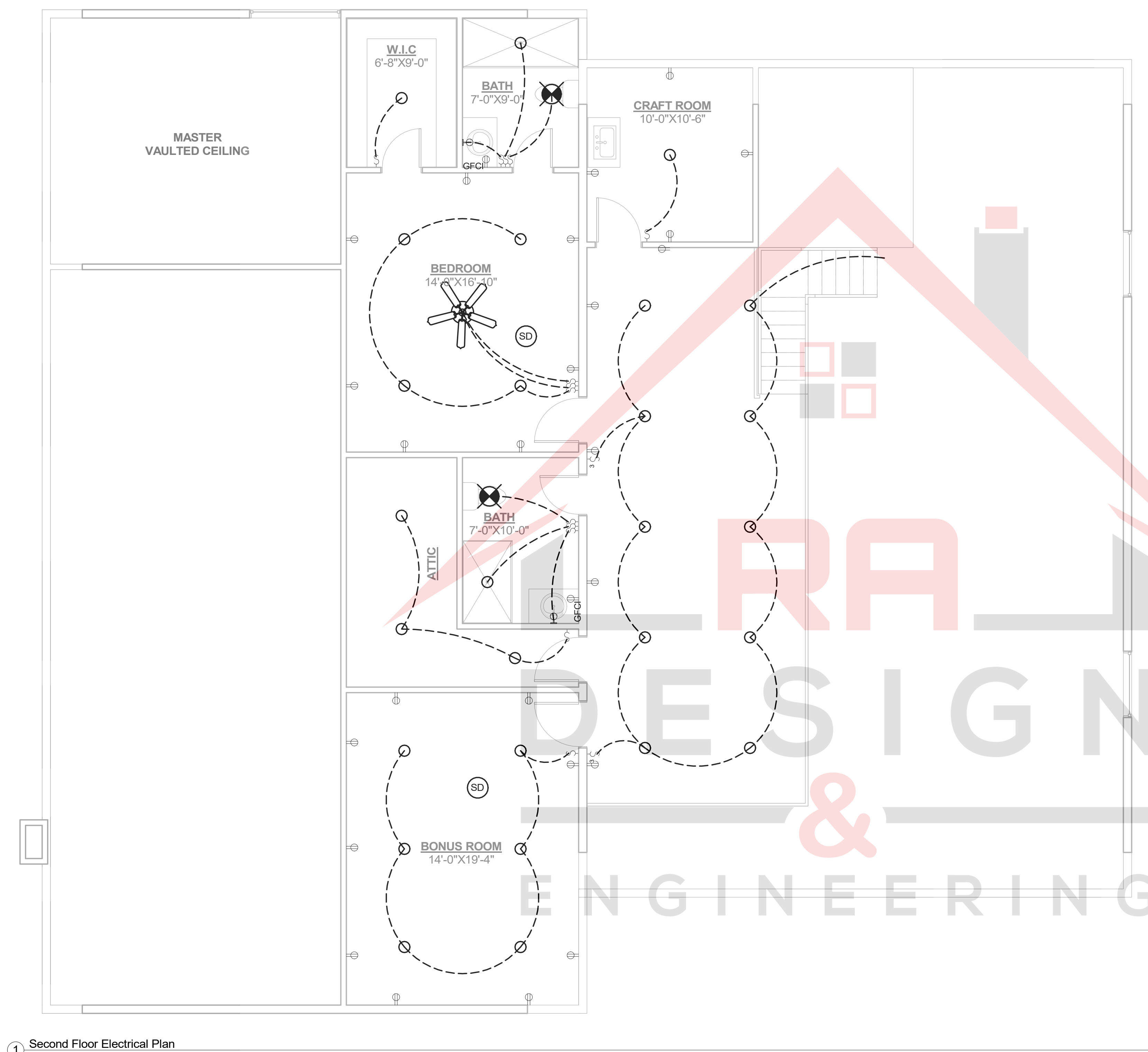
DATE

SCALE

1/4" = 1'-0"


SHEET

E-1.0



1 Second Floor Electrical Plan  
1/4" = 1'-0"

ELECTRICAL LEGEND	
	CEILING FAN WITH LIGHT
	TV CONNECTION
	DATA JACK
	TELEPHONE JACK
	GFCI PROTECTED OUTLET
	STANDARD 110V OUTLET
	STANDARD 220V OUTLET
	PROGRAMMABLE THERMOSTAT
	LIGHT SWITCH
	3-WAY LIGHT SWITCH
	CEILING MOUND RADINAT HEATER
	ELECTRICAL PANEL
	WALL MOUNTED LIGHT FIXTURE
	FLOOD LIGHT FIXTURE
	RECESSED CEILING CAN
	PENDANT LIGHT FIXTURE
	VANITY LIGHT
	LED STRIP LIGHT
	FLUORESCENT LIGHT
	EXHAUST FAN
	SMOKE DETECTOR
	CARBON MONOXIDE DETECTOR
	SECURITY CAMERA



N	DESCRIPTI	B	DATE
O.	ON	Y	E

SHEET TITLE:  
SECOND FLOOR ELECTRICAL PLAN

DESIGN BUILD CONTRACTOR:

PROJECT DETAILS:  
Project Name

Address

DRAWN BY:

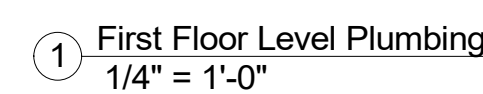
CHECKED BY:

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DATE  
02/28/2024

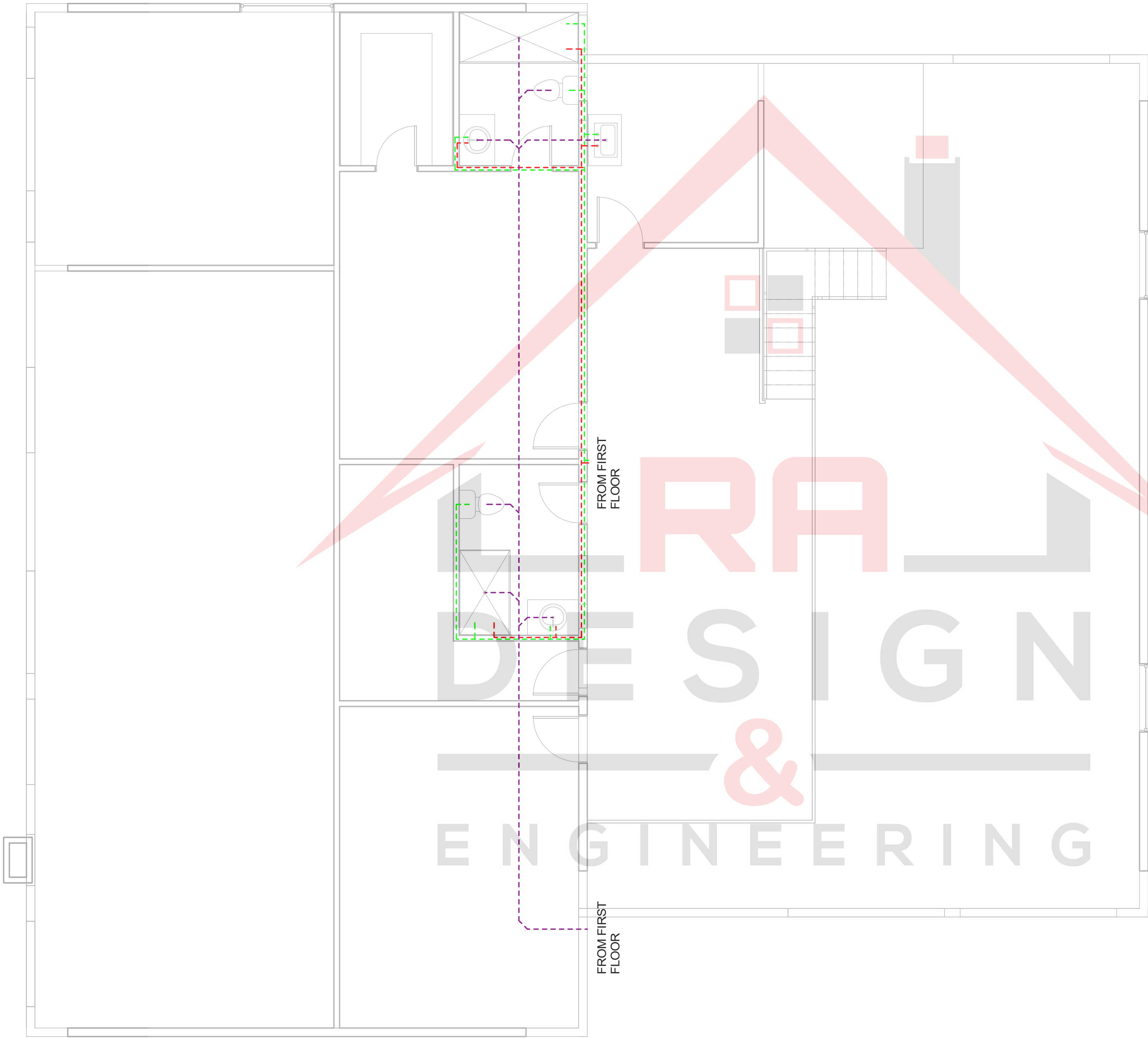
SCAL  
1/4"= 1'-0"

SHEET  
E-2.0



○ PLUMBING LEGEND  
1" = 1'-0"

**P<sup>T</sup>-1.0**



1/2" COLD WATER	
1/2" HOT WATER	
4" WASTE LINE	
TANKLESS WATER HEATER	
HOSE BIB	

PLUMBING LEGEND  
1" = 1'-0"

① Second Floor Plumbing Design  
1/4" = 1'-0"



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SHEET TITLE:  
SECOND  
FLOOR  
PLUMBING

DESIGN BUILD  
CONTRACTOR:

PROJECT  
DETAILS:  
Project Name

Address

DRAWN BY:
CHECKED BY:
S A
DATE 02/28/2024
SCAL
As indicated
SHEE

P-1.1

NOTES AND SCHEDULE:

**F1:** 16"WX12"D CONTINUOUS FOOTING FOR THE 4" MONO. SLAB OR 2X6 STUD WALL . 3#4 LONG WAY BOTTOM BARS CONT AND #4@18"OC BOTTOM BARS TRANSVERSE.

**F2:** 16"WX12"D CONTINUOUS FOOTING FOR THE 2X4 @16"OC STUD WALL ABOVE THE SILL PLATE AT MAIN LEVEL AND 2ND LEVEL. 2X4 SILL PLATE BY NEW SIMPSON STRAP@24"OC OR 5/8"D AND 7" LONG MINIMUM ANCHOR BOLT @32"OC. USE 2-1/2" DIA WASHER FOR THE ANCHOR BOLT.

**F3:** 20"WX12"D CONTINUOUS FOOTING FOR THE 2X4 @16"OC STUD WALL ABOVE THE SILL PLATE AT MAIN LEVEL AND 2ND LEVEL. 2X4 SILL PLATE BY NEW SIMPSON STRAP@24"OC OR 5/8"D AND 7" LONG MINIMUM ANCHOR BOLT @32"OC. USE 2-1/2" DIA WASHER FOR THE ANCHOR BOLT.

**F2X2:** 24"X24"X14" RCC FOOTINGS FOR 6X6 POST.

**P1:** WOOD POST 6X6 TYPICAL. USE ABWZ SIMPSON POST BASE FOR THE LATERAL RESISTANCE. AND USE SIMPSON BCS AT THE POST-BEAM CONNECTION. SEE ARCHITECTURAL FOR THE HEIGHT AND ELEVATION.

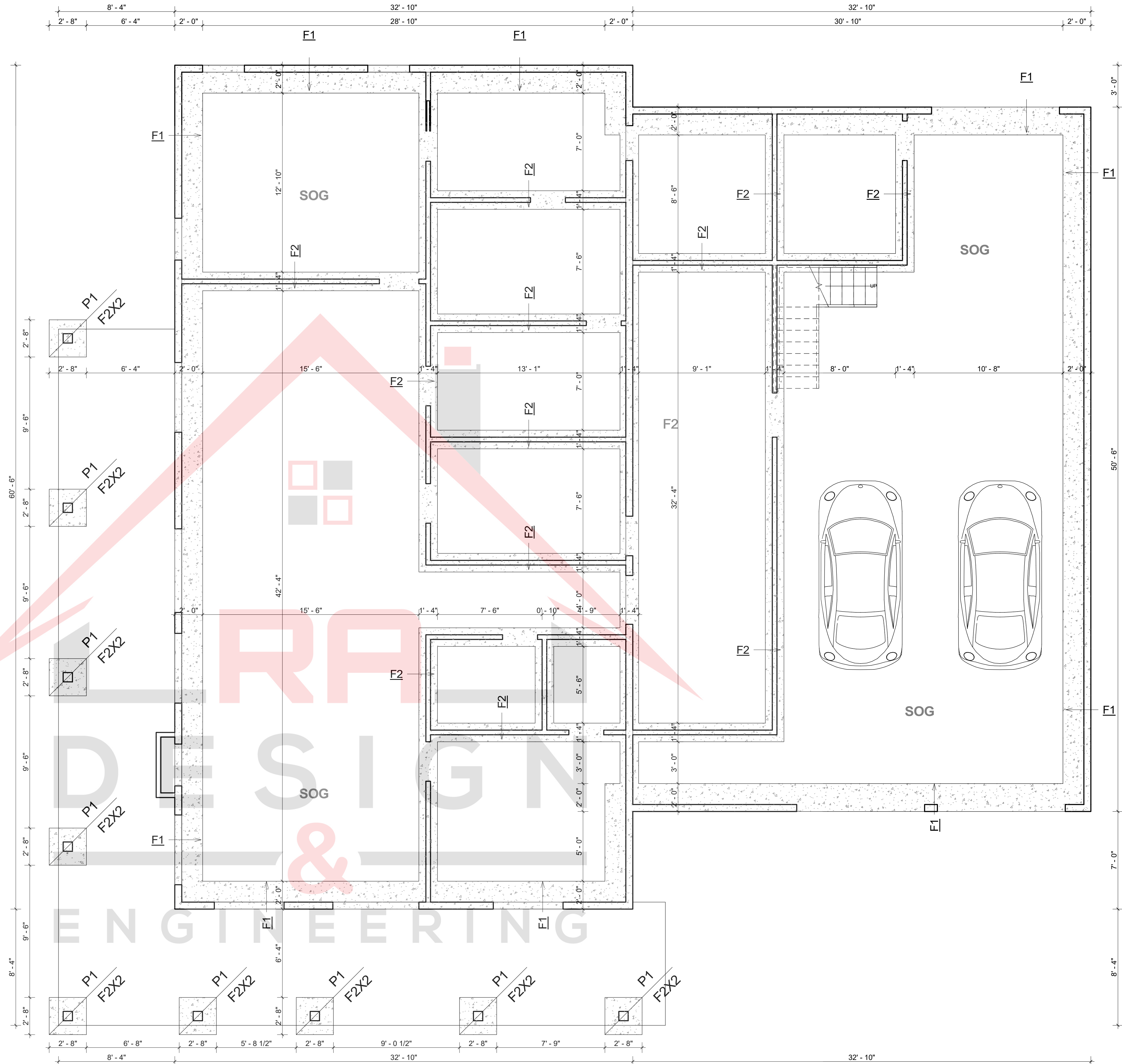
**P2:** 6X6 POSTS.

**BC:** BOX COLUMN, USE 6X6 POSTS AND BOX AROUND AND OR MAKE 4-2X4 AT 4-CORNERS AND 2X4@12"MAX AT INTERMEDIATE STUDS.FIELD VERIFY FOR THE HEIGHT AND ELEVATION AND THE BOX DECORATION.

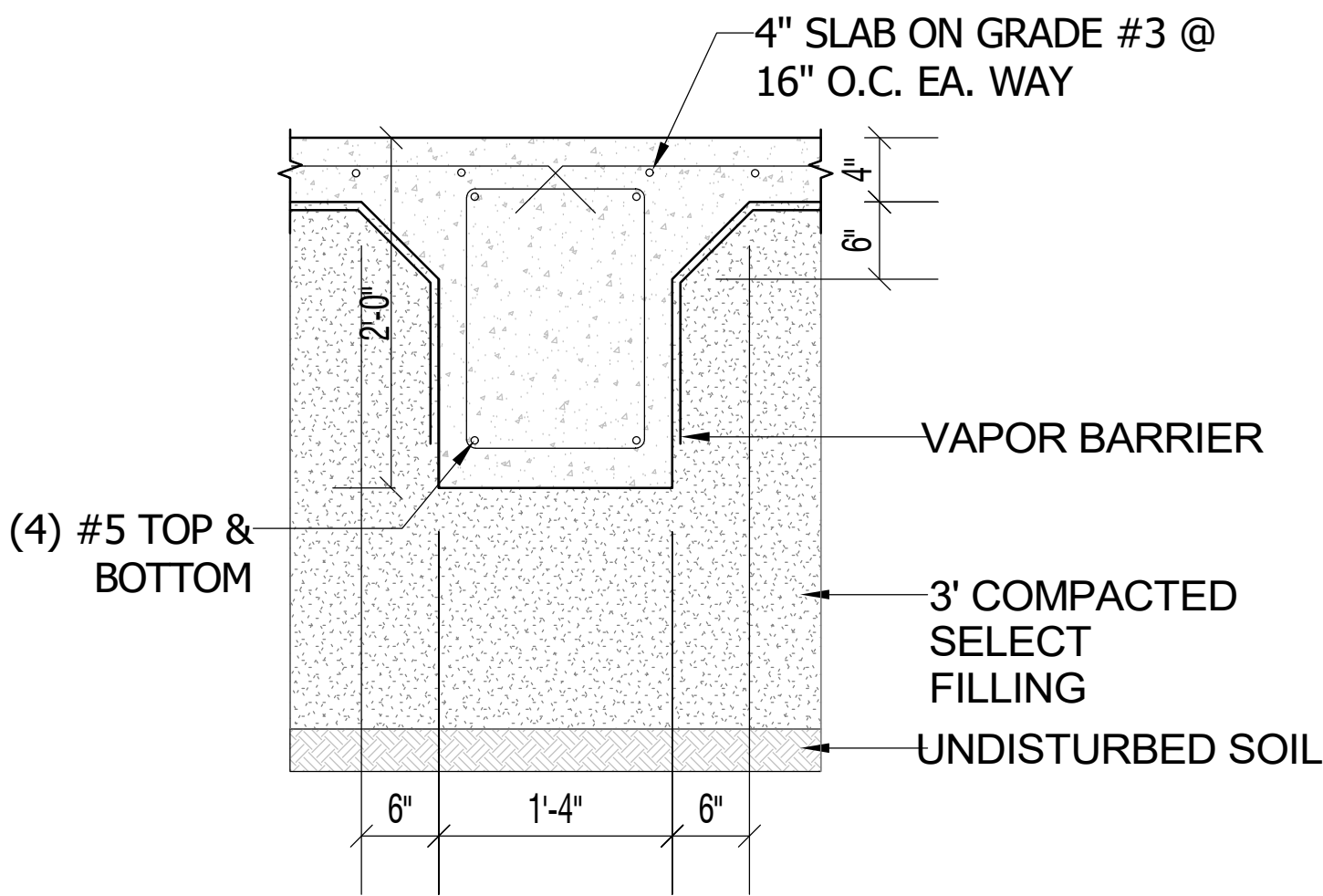
**SOG:** MONOLITHIC 4" SLAB ON GRADE WITH 6X6-W1.4/W1.4 W.W.F WIREMESH, VAPOR RETARDER AND MIN 4" #57 GRAVEL COMPACTED BEFORE POURING. SOG RAISED 3' FROM GRADE PLAN.

SITE DRAINAGE:

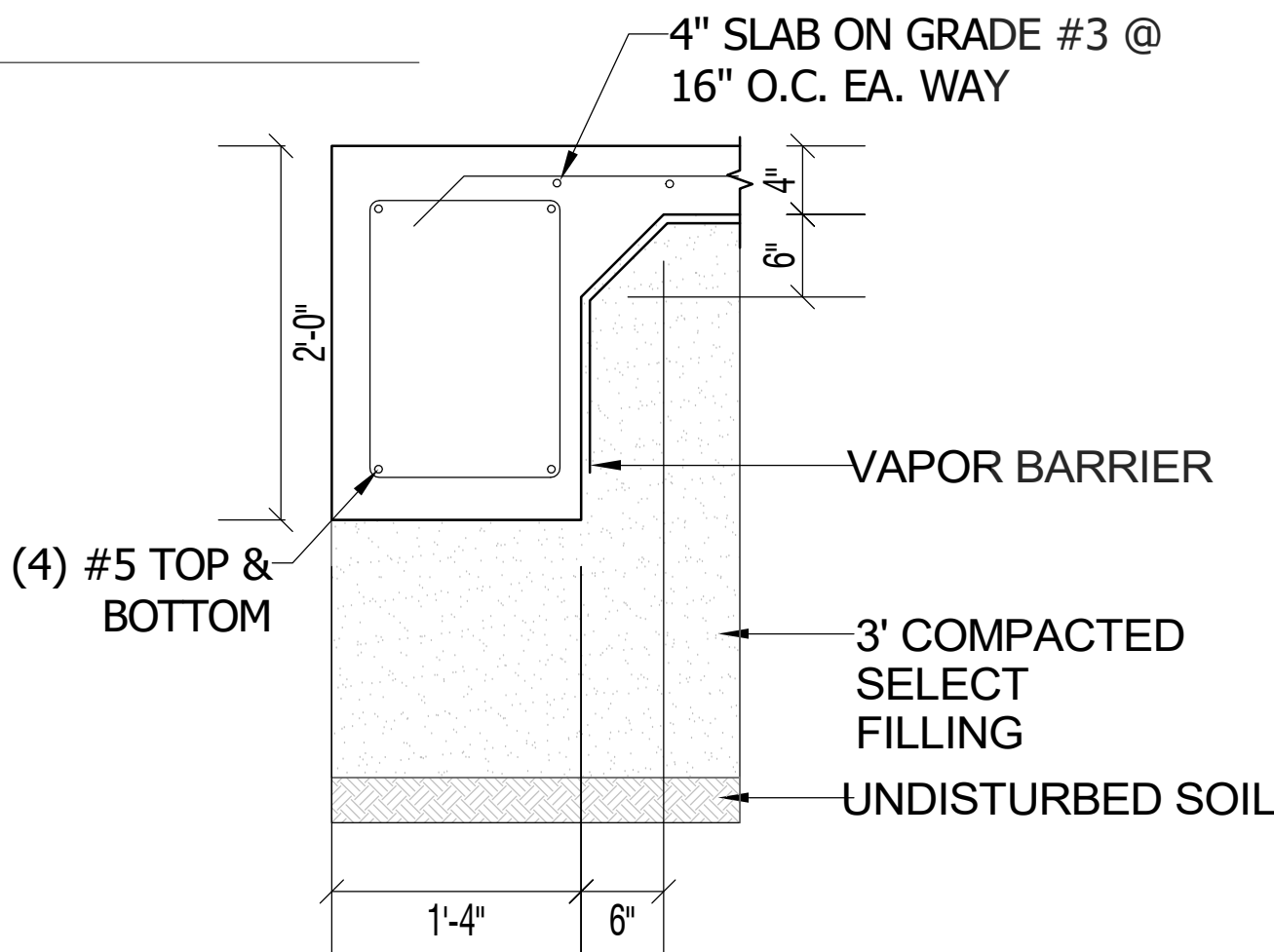
IT IS RECOMMENDED THAT THE DRAINAGE BE WELL DEVELOPED. SURFACE WATER SHOULD BE DIRECTED AWAY FROM THE FOUNDATION SOILS. USE A MINIMUM SLOPE OF 2% WITHIN 10 FEET OF THE FOUNDATION, NO PONDING OF SURFACE WATER SHALL BE ALLOWED NEAR THE STRUCTURE DURING OR AFTER COMPLETION OF THE CONSTRUCTION AND THELANDSCAPING. THE BUILDER SHALL ADVISE THE OWNER OF THE SITE DRAINAGE REQUIREMENTS.



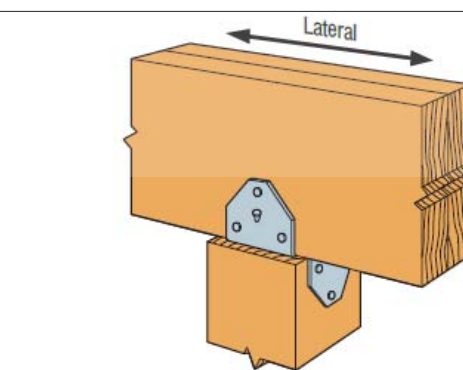
1 Foundation Plan  
1/4" = 1'-0"



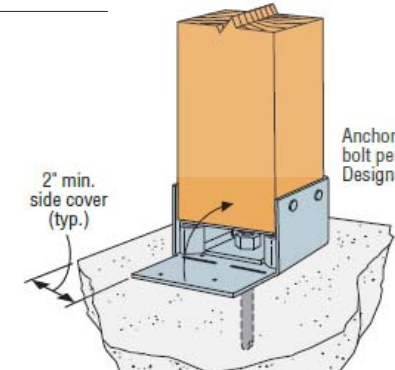
3 Foundation Detail-F2  
1" = 1'-0"



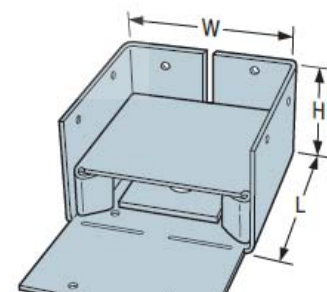
2 Foundation Details-F1  
1" = 1'-0"



Typical BCS Post-Beam Detail for  
P1



Typical ABWZ  
Installation



ABWZ



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SHEET TITLE:  
FOUNDATION  
PLAN &  
DETAILS

DESIGN BUILD  
CONTRACTOR:

PROJECT  
DETAILS:  
Project Name

Address

DRAWN  
BY:  
CHECKED BY:  
S  
A  
DATE  
02/28/2024  
SCAL  
As indicated  
SHEE

S-1.0

N	O	DESCRIPTION	B	DAT
			Y	E

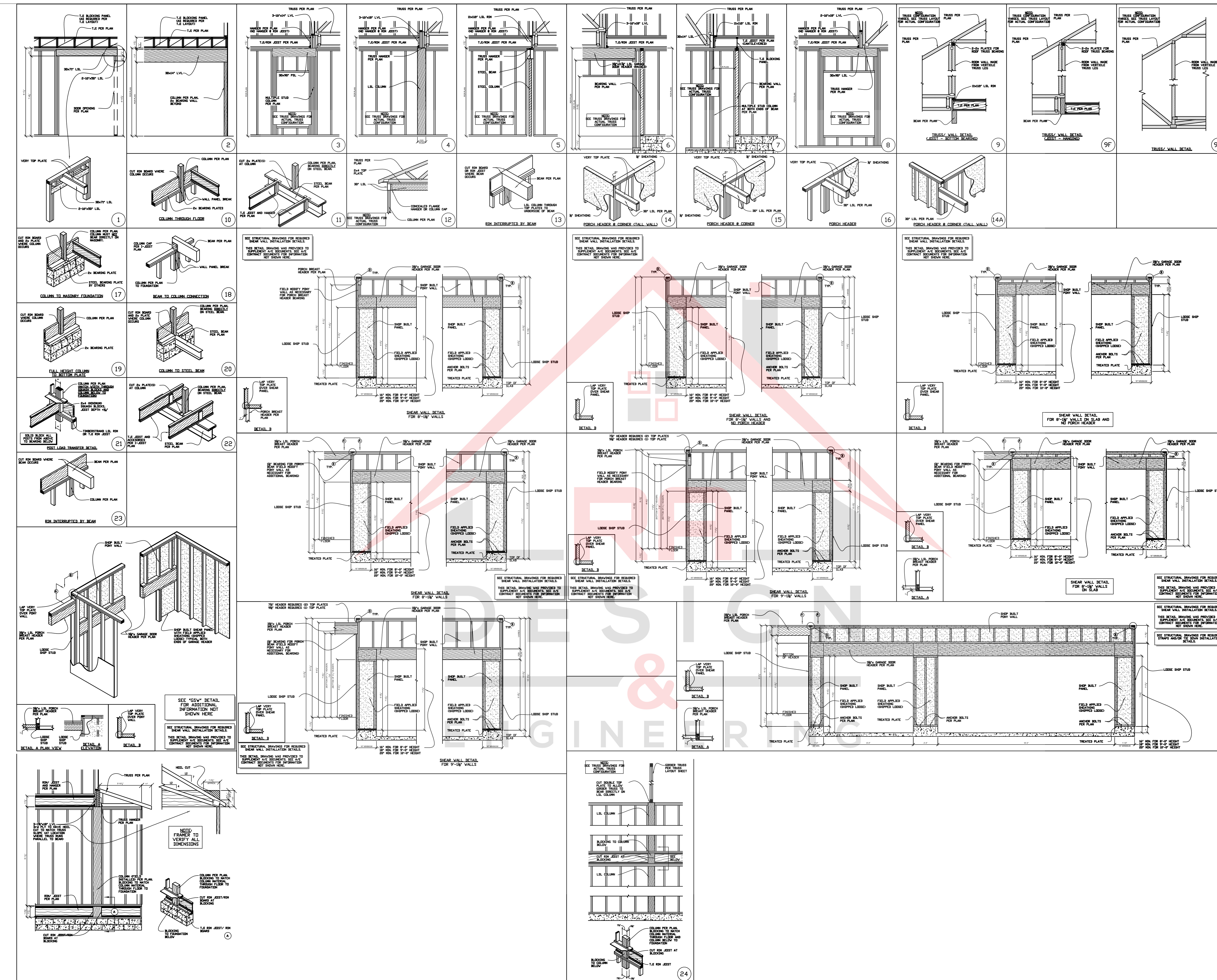
SHEET TITLE:  
TYPICAL  
FRAMING  
DETAILS

DESIGN BUILD  
CONTRACTOR:

PROJECT  
DETAILS:  
**Project Name**  
Address

DRAWN  
BY:  
CHECKED BY:  
S  
A  
DATE  
02/28/2024  
SCALE  
1/4" = 1'-0"  
SHEET

**S-2.0**



1 TYPICAL FRAMING DETAILS  
1/4" = 1'-0"