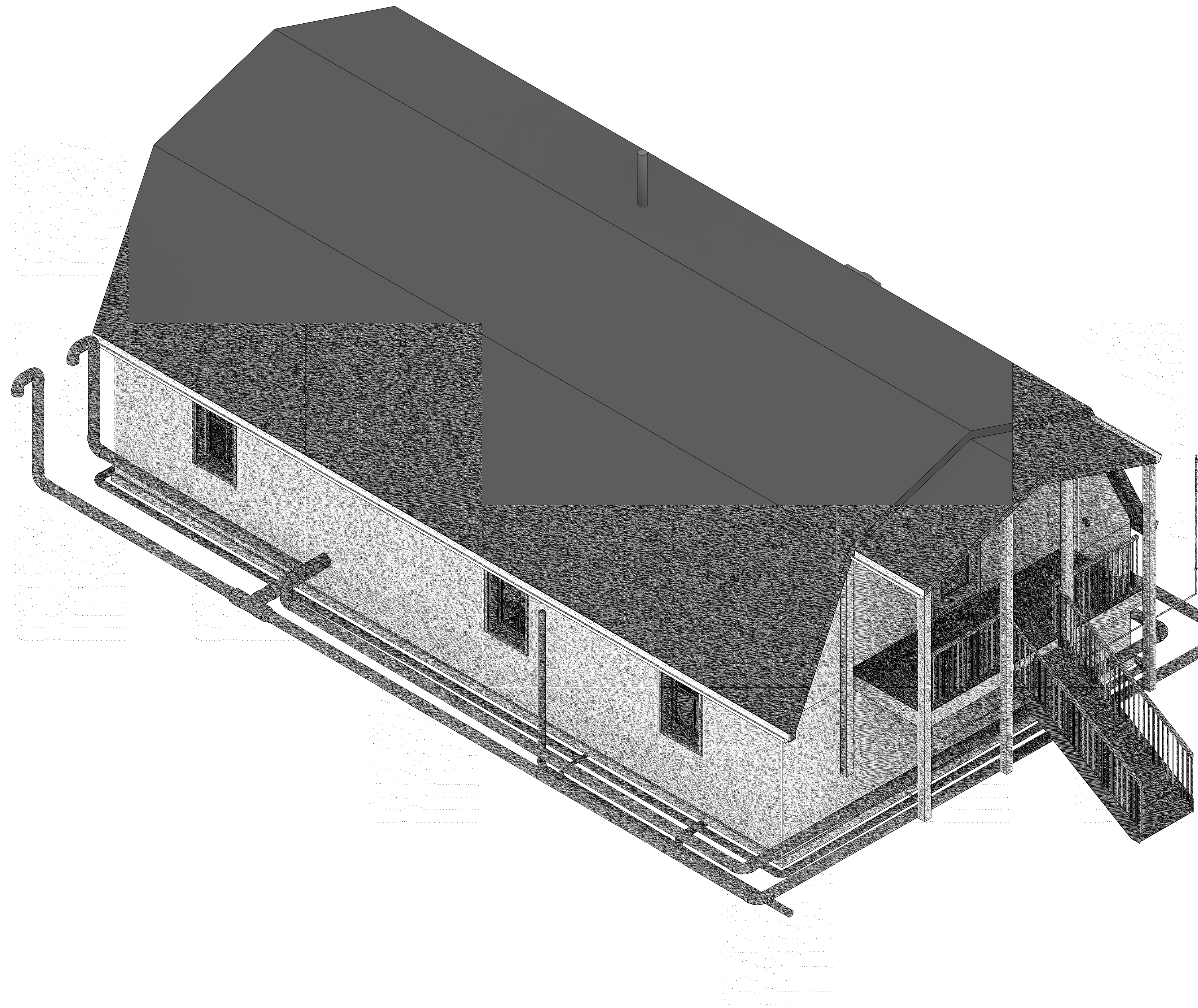


Client Name

Project Name

Organization Name



Sheet Index	
Sheet Number	Sheet Name
General	
G100	Cover
Civil	
C101	Site Plan
C901	Site Isometric
Structural	
S101	Structural Plans
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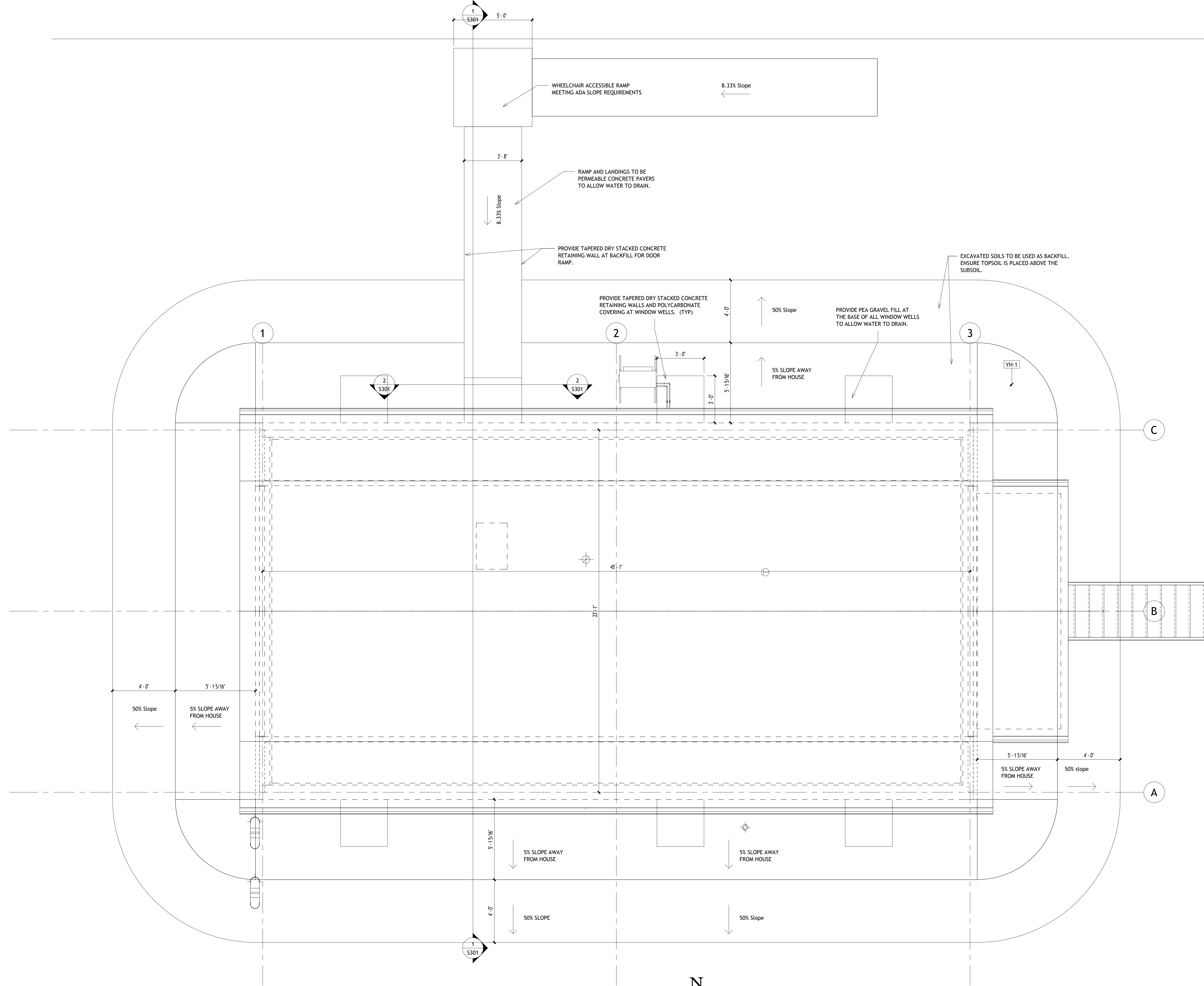
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Project Number
Issue Date





1 Site Plan
3/8" = 1'-0"

0 1.5 3.0
3/8" = 1'-0" 2'

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No.	Description	Date

Client Name

Project Name

Site Plan

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
C101	
Scale	3/8" = 1'-0"

Toposolid Schedule			
Family	Description	Area	Volume
FILL	EXCAVATED FILL DIRT	1599 SF	4312.89 CF



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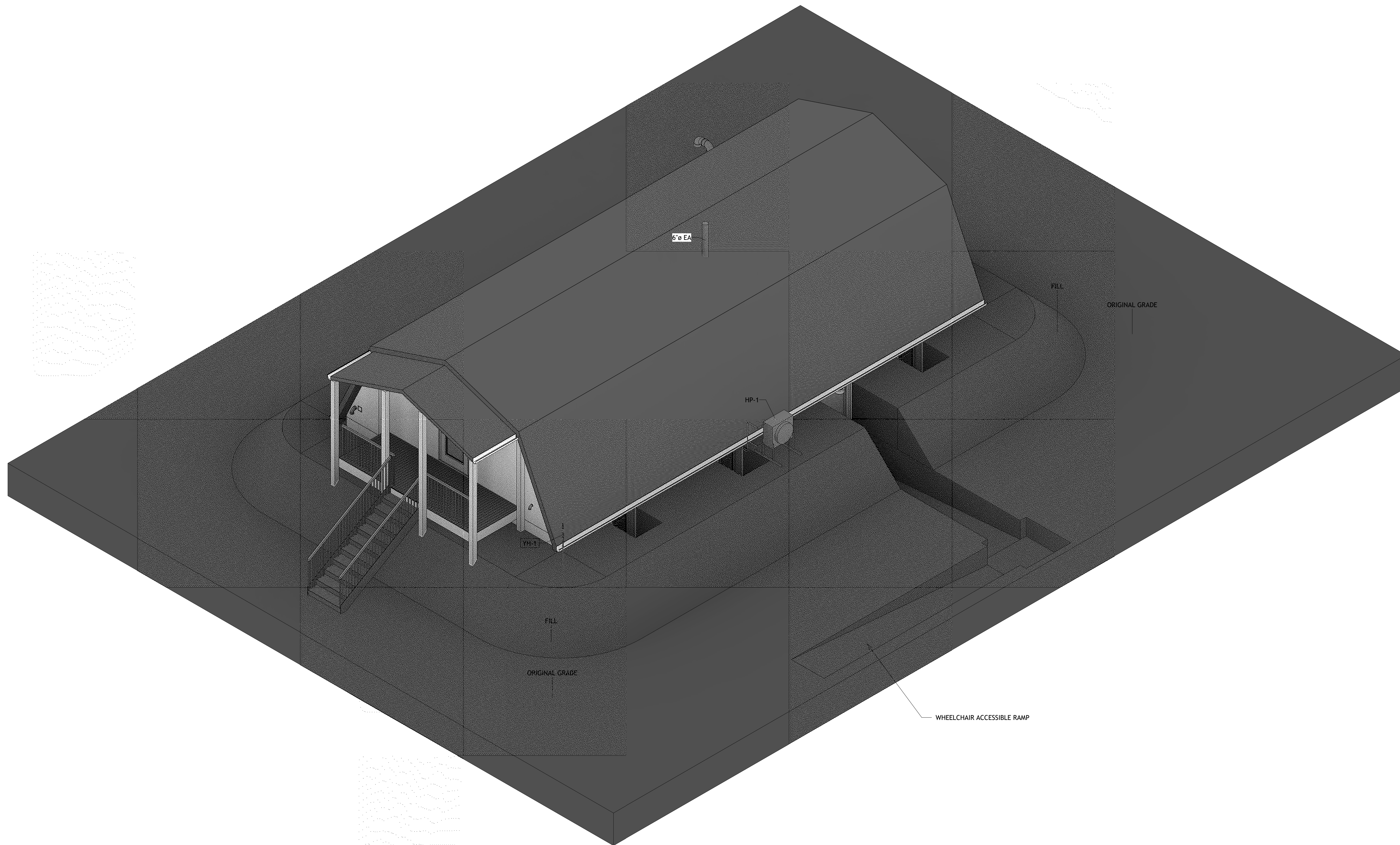
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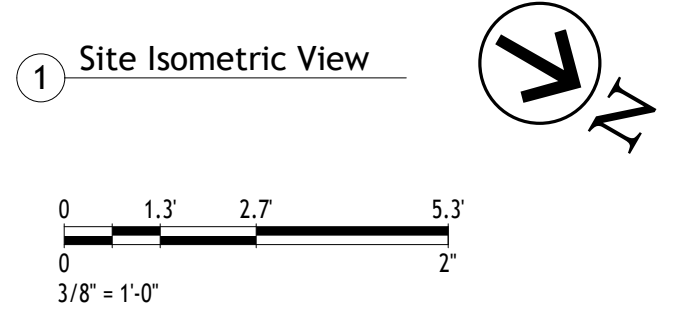
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No.	Description	Date

Client Name
Project Name
Site Isometric



Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
C901	
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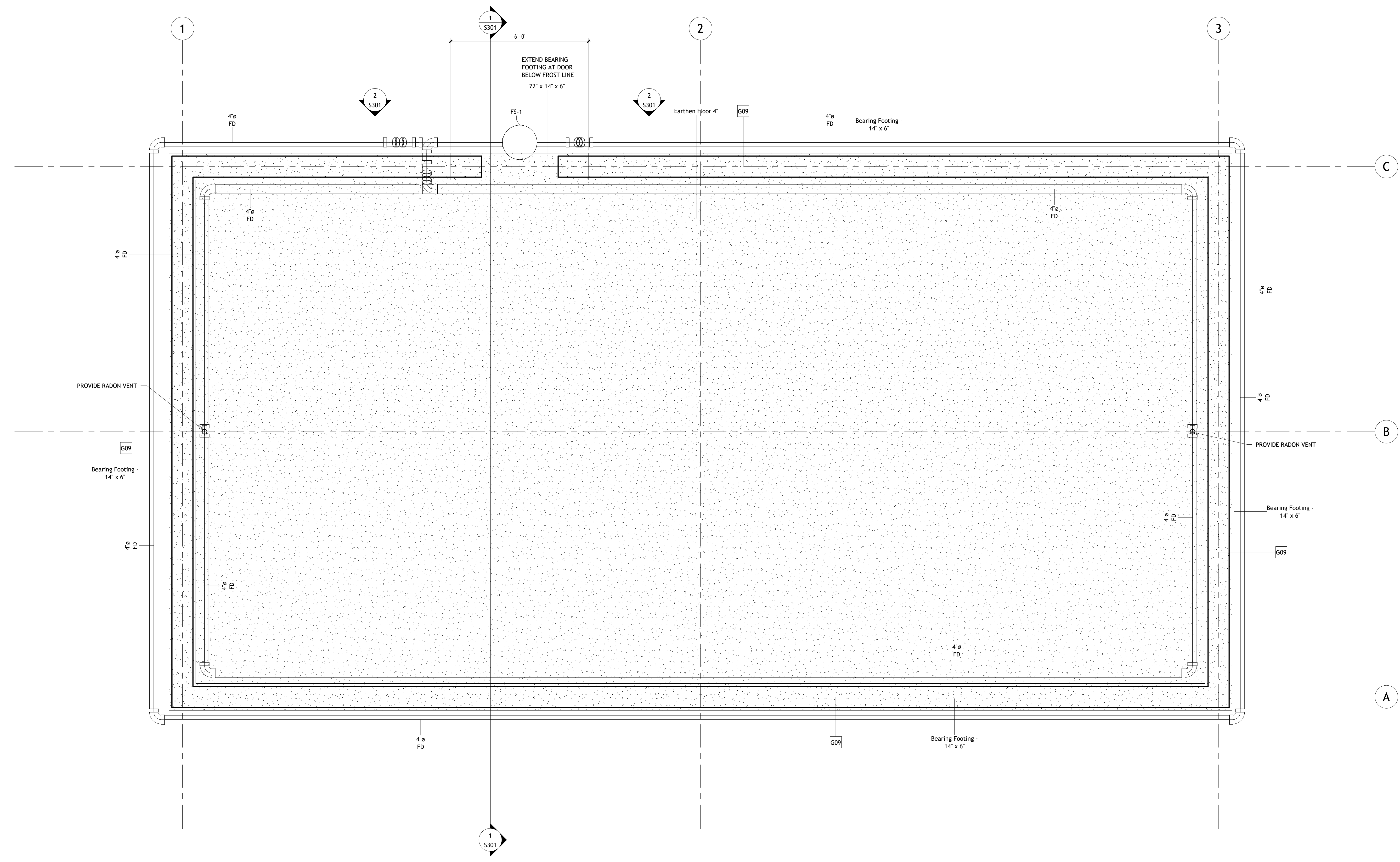
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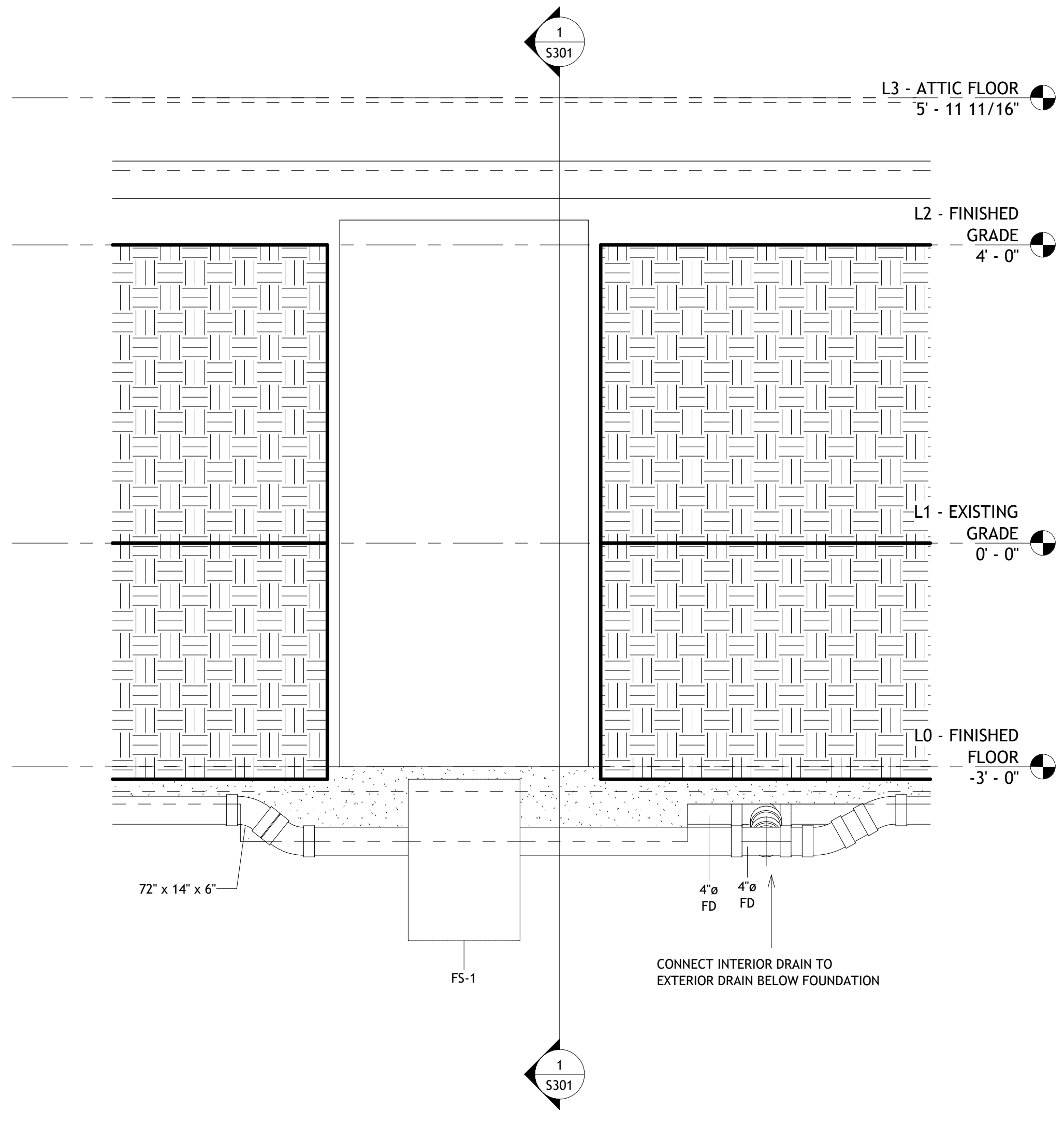
No.	Description	Date

Client Name
Project Name
Structural Plans

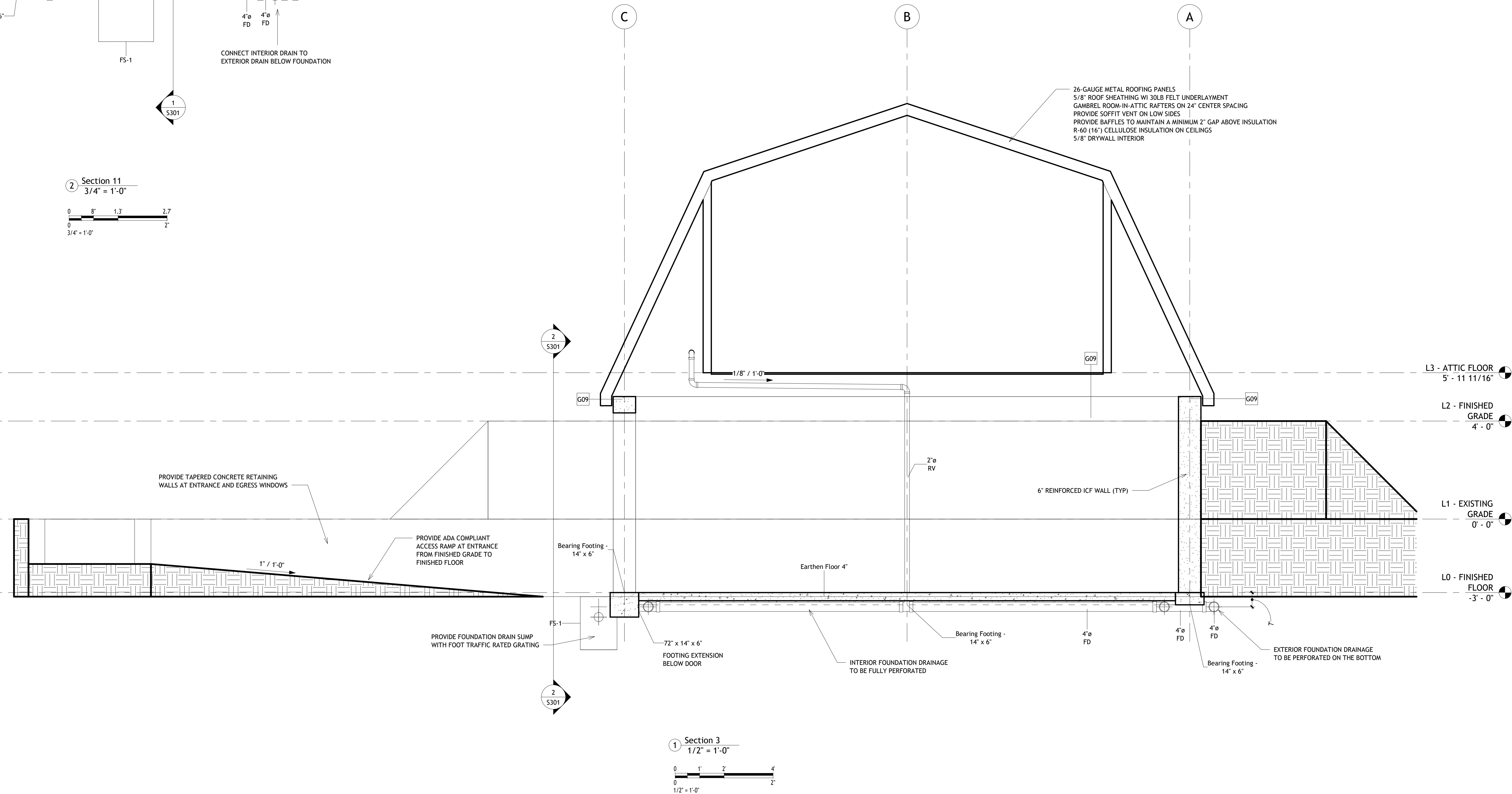
Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
<h1>S101</h1>	
Scale	1/2" = 1'-0"

1 First Floor Structural Framing Plan
1/2" = 1'-0"

NOTES:
1. INSTALL PRESSURE TREATED
LUMBER AND CAPILLARY BREAK
WHERE WOOD FRAMING CONTACTS
CONCRETE.



Section 11
3/4" = 1'-0"
0 8" 1' 3" 2' 7"
0 3/4" 1'-0" 2'



Section 3
1/2" = 1'-0"
0 1' 2' 4'
0 1/2" 1'-0" 2'

No.	Description	Date

Client Name
Project Name
Structural Building Sections

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
S301	
Scale	As indicated

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No.	Description	Date

Client Name

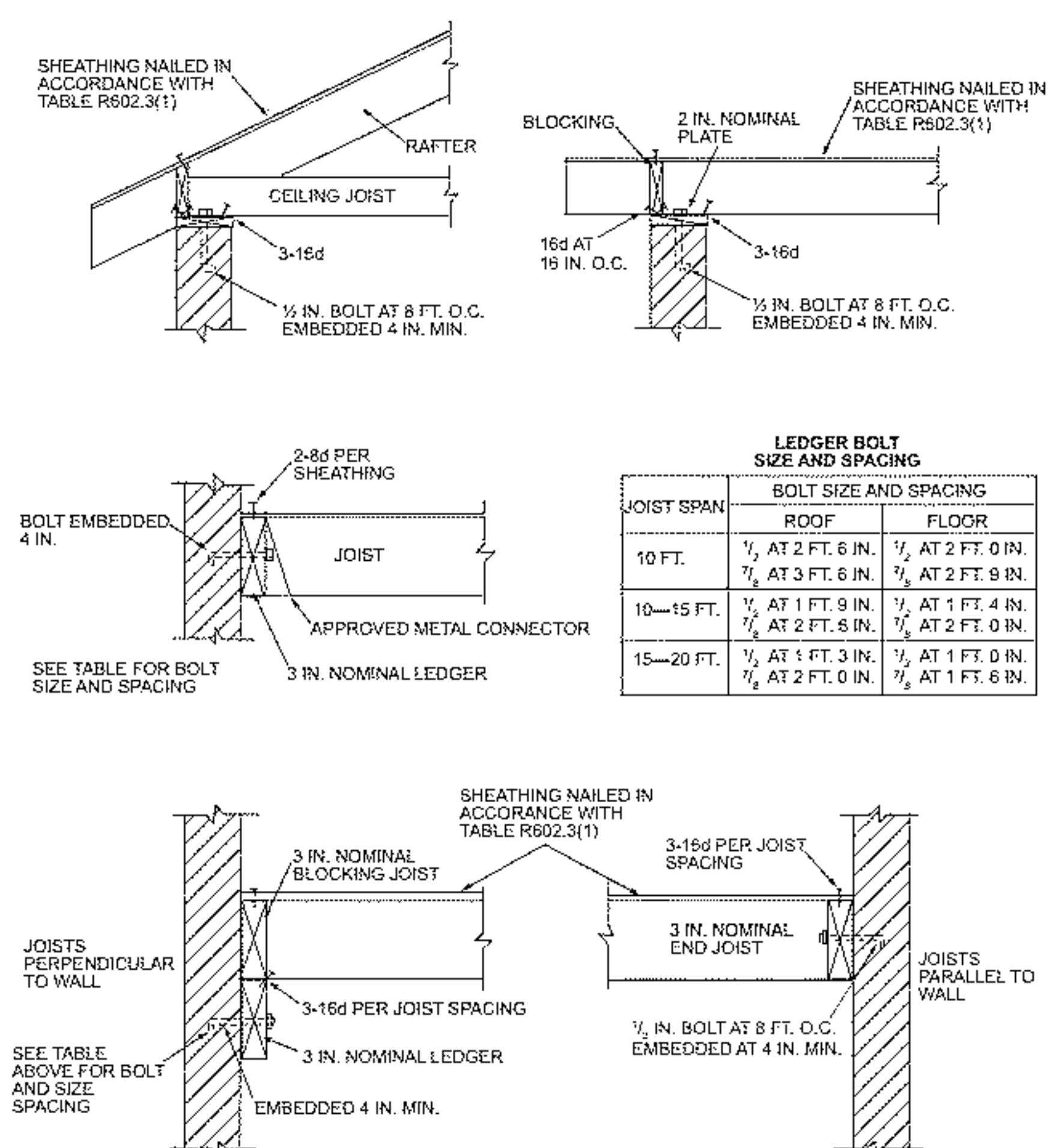
Project Name

Strucutral Details

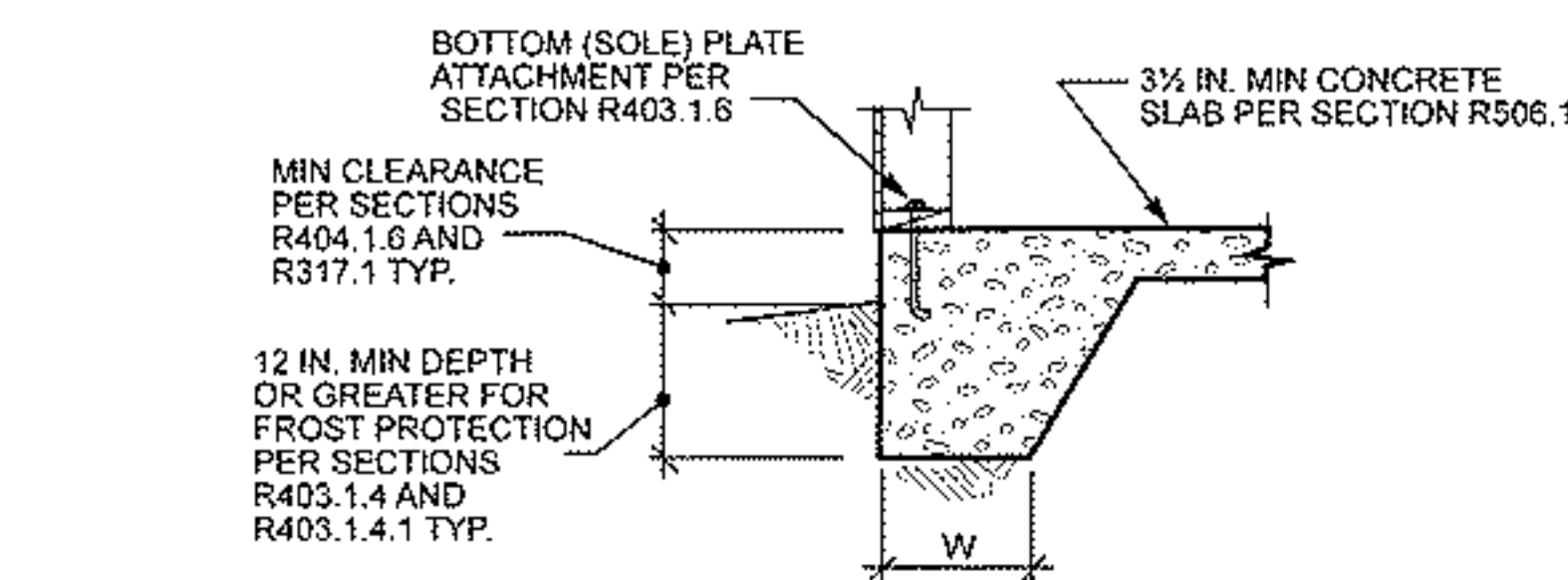
Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
S501	
Scale	12" = 1'-0"

R606.11 Anchorage.

Masonry walls shall be anchored to floor and roof systems in accordance with the details shown in Figure R606.11(1), R606.11(2) or R606.11(3). Footings shall be permitted to be considered as points of lateral support.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa.
Note: Where bolts are located in hollow masonry, the cells in the courses receiving the bolt shall be grouted solid.
FIGURE R606.11(1)
ANCHORAGE REQUIREMENTS FOR MASONRY WALLS LOCATED IN SEISMIC DESIGN CATEGORY A, B OR C AND WHERE WIND LOADS ARE LESS THAN 30 PSF



2 Monolithic Slab-on-Ground with Turned-Down Footing
12" = 1'-0"

1 Masonry Wall Anchorage Requirements
NTS

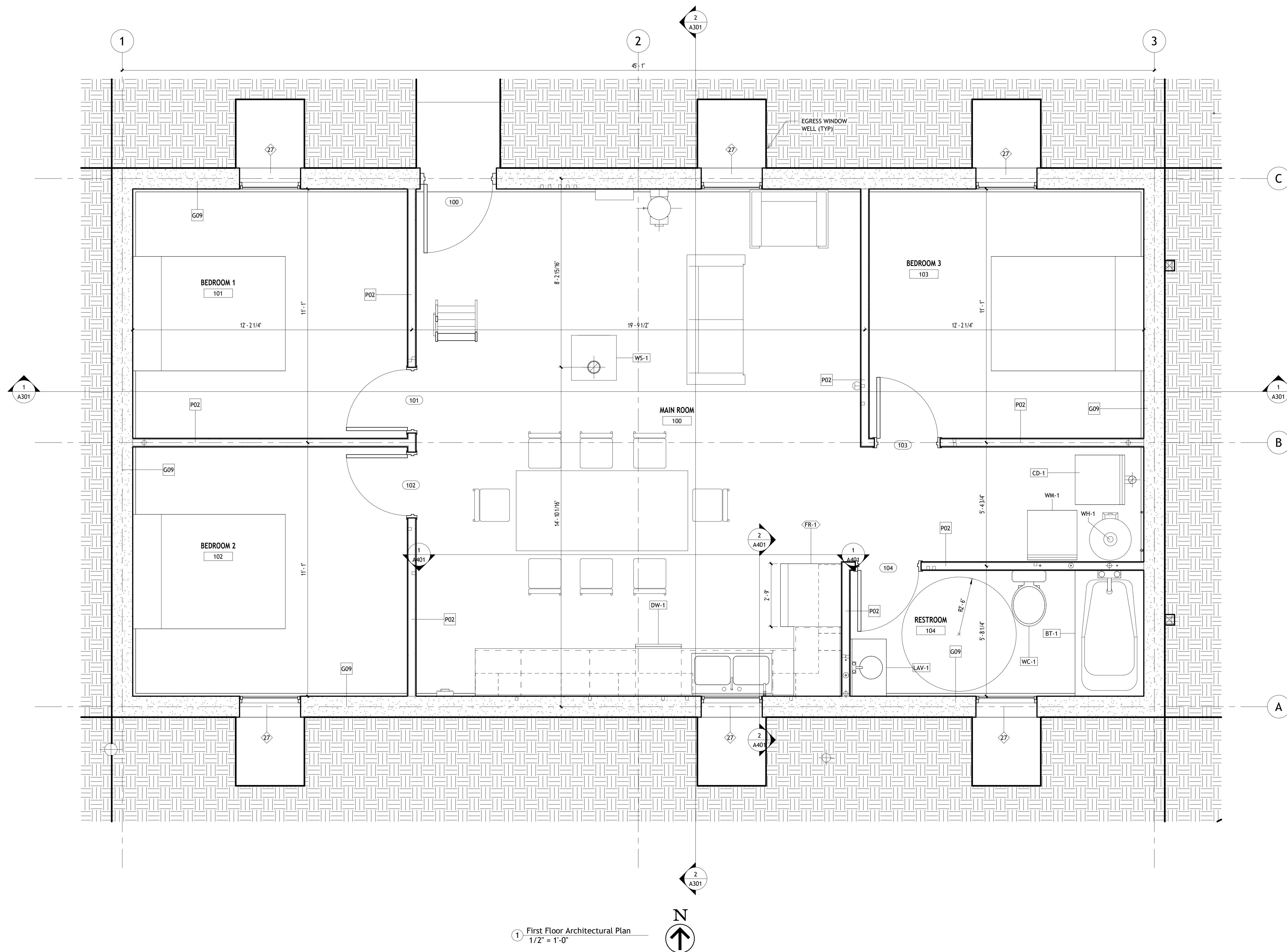
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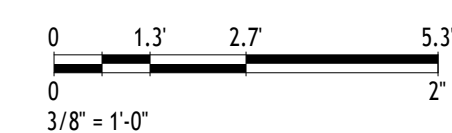
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1 First Floor Architectural Plan
1/2" = 1'-0"



No.	Description	Date

Client Name

Project Name

Architectural Floor Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
A101	
Scale	1/2" = 1'-0"

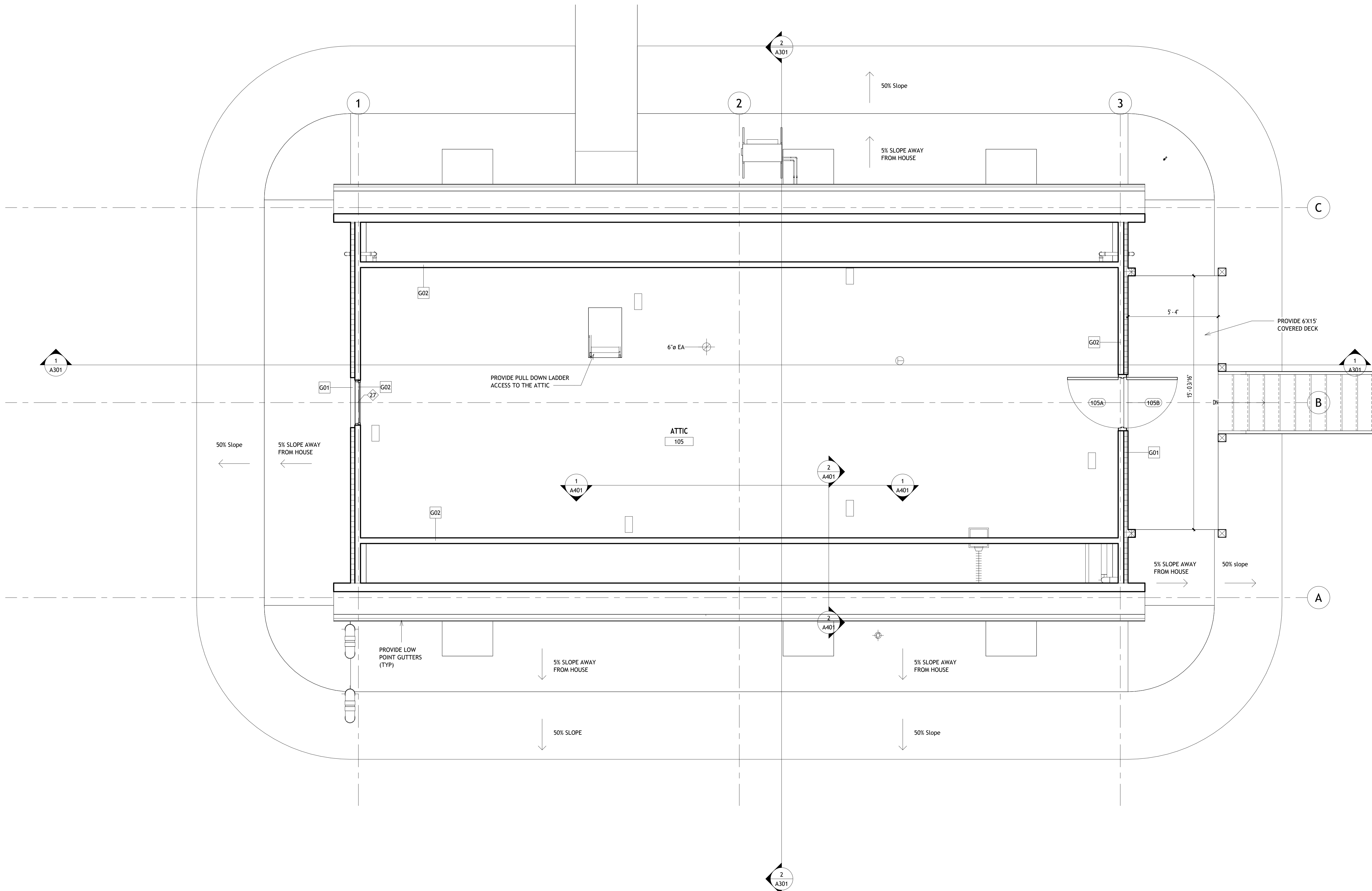
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No.	Description	Date

Client Name

Project Name

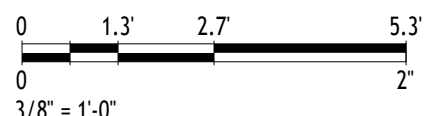
Architectural Floor Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

A102

Scale 3/8" = 1'-0"

1 Second Floor Architectural Plan
3/8" = 1'-0"



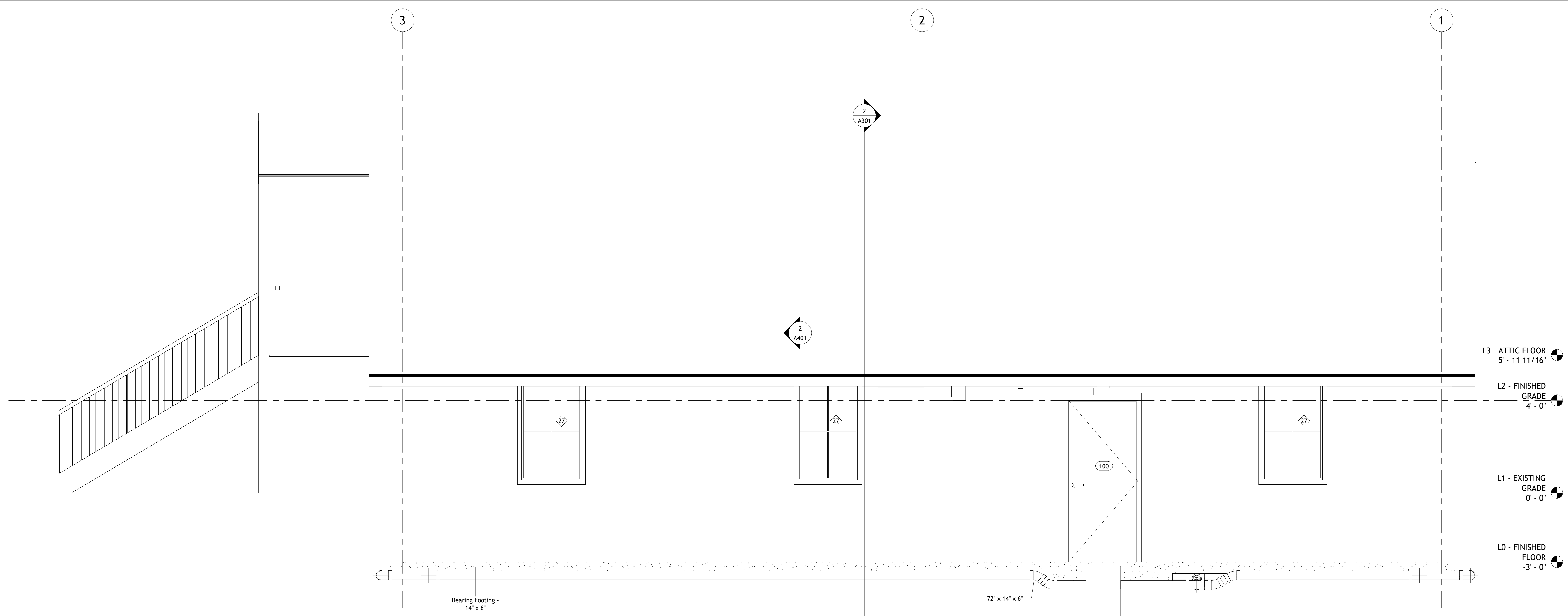
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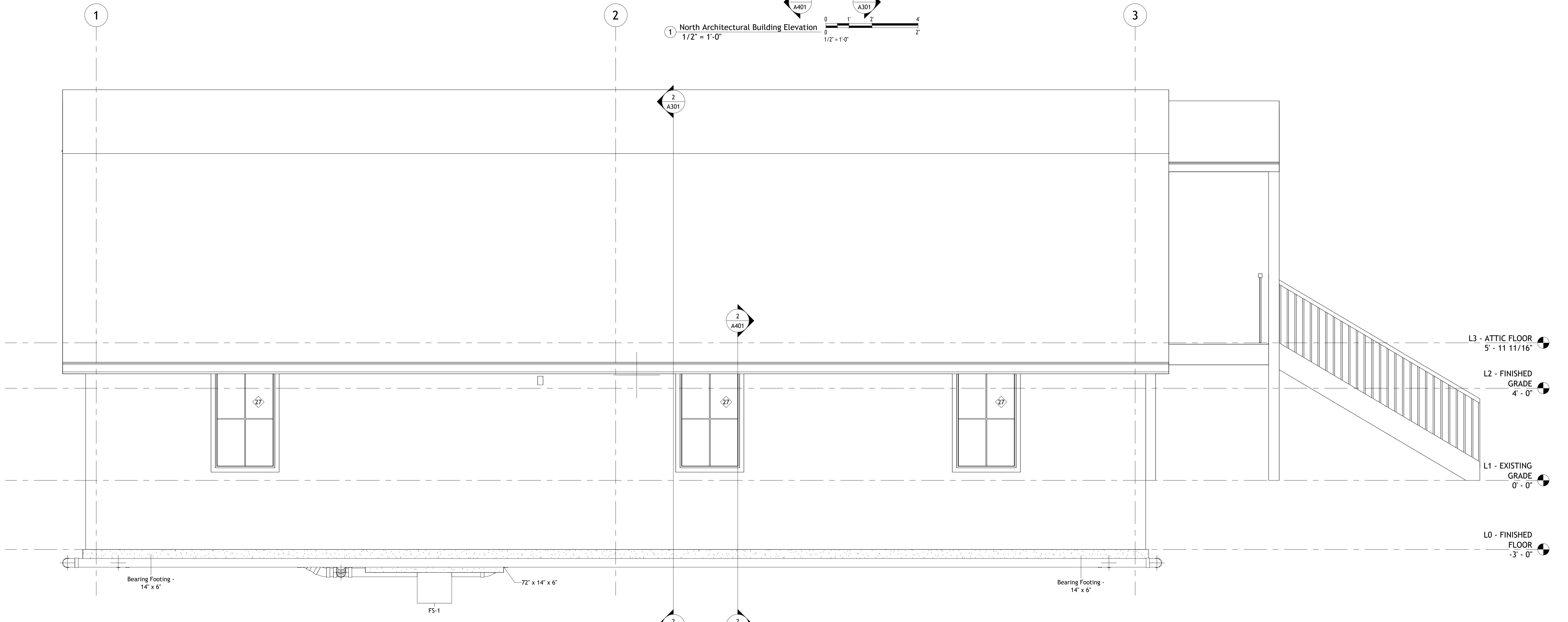
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① North Architectural Building Elevation
1/2" = 1'-0"



② South Architectural Building Elevation
1/2" = 1'-0"

No.	Description	Date

Client Name

Project Name

Architectural Building Elevations

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
A201	
Scale	1/2" = 1'-0"

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No.	Description	Date

Client Name

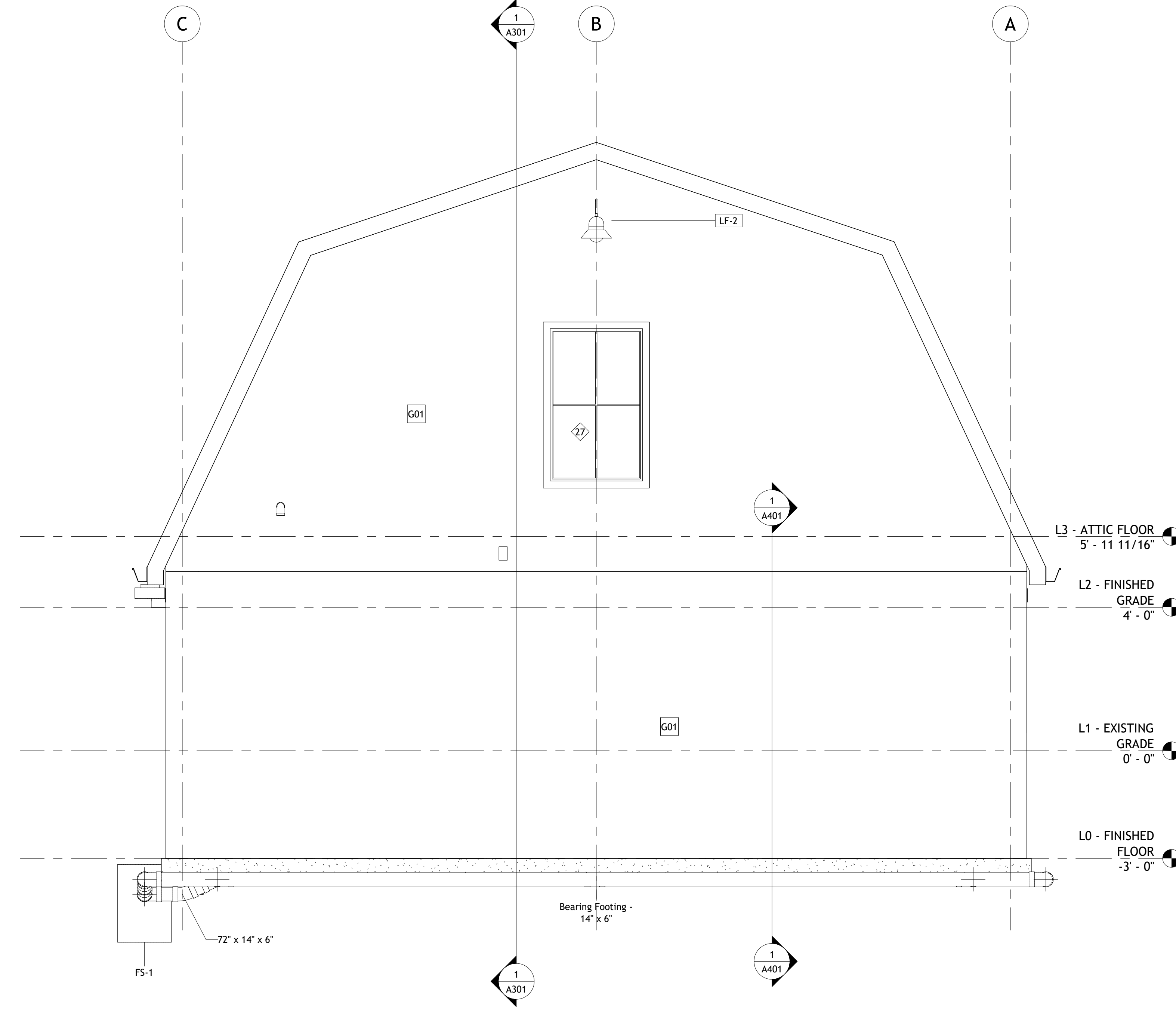
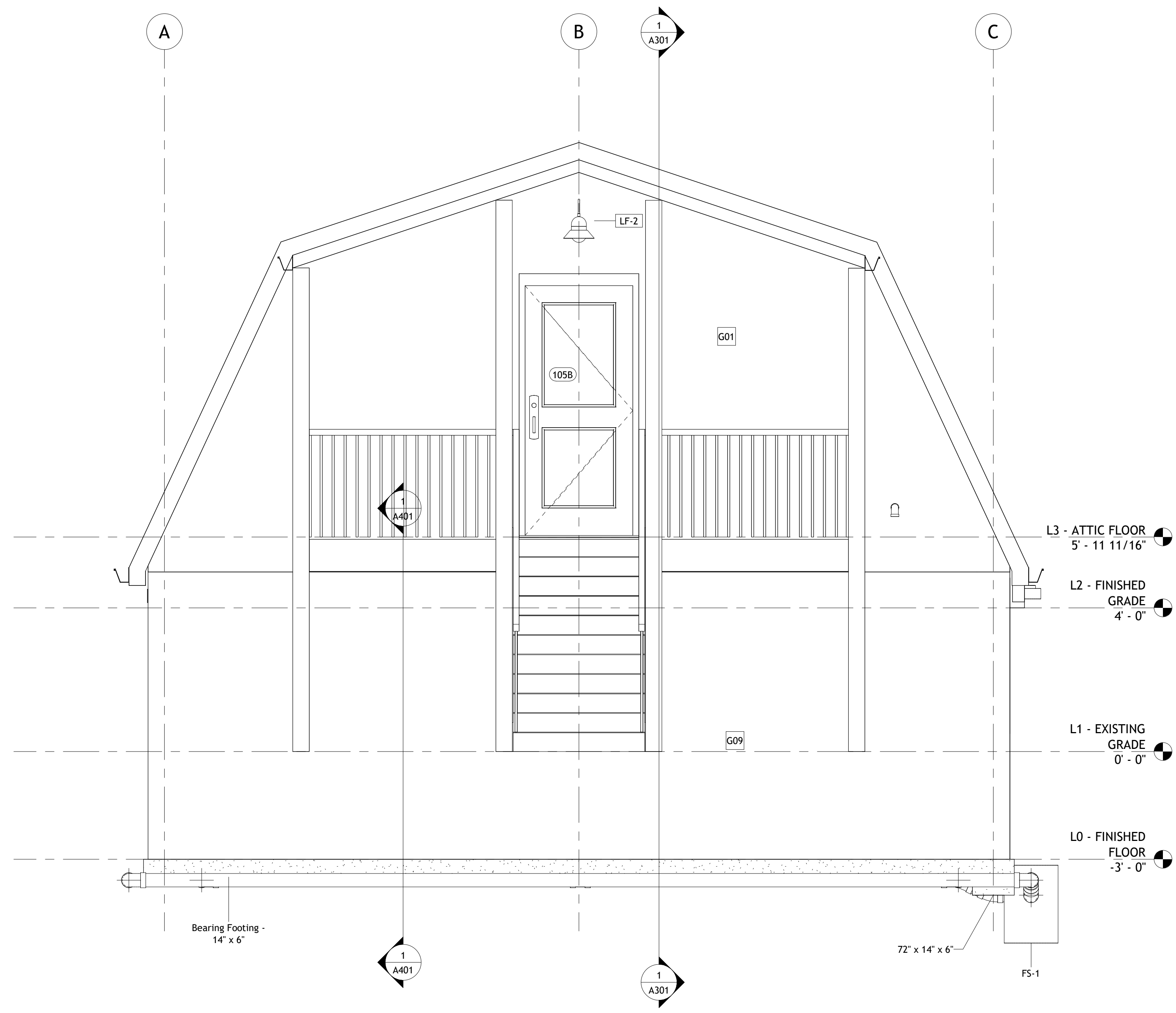
Project Name

Architectural
Building Elevations

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

A202

Scale 1/2" = 1'-0"



1 East Architectural Building Elevation
1/2" = 1'-0"
0 1.3 2.7 5.3
3/8" = 1'-0" 2'

2 West Architectural Building Elevation
1/2" = 1'-0"
0 1 2 4
1/2" = 1'-0" 2'

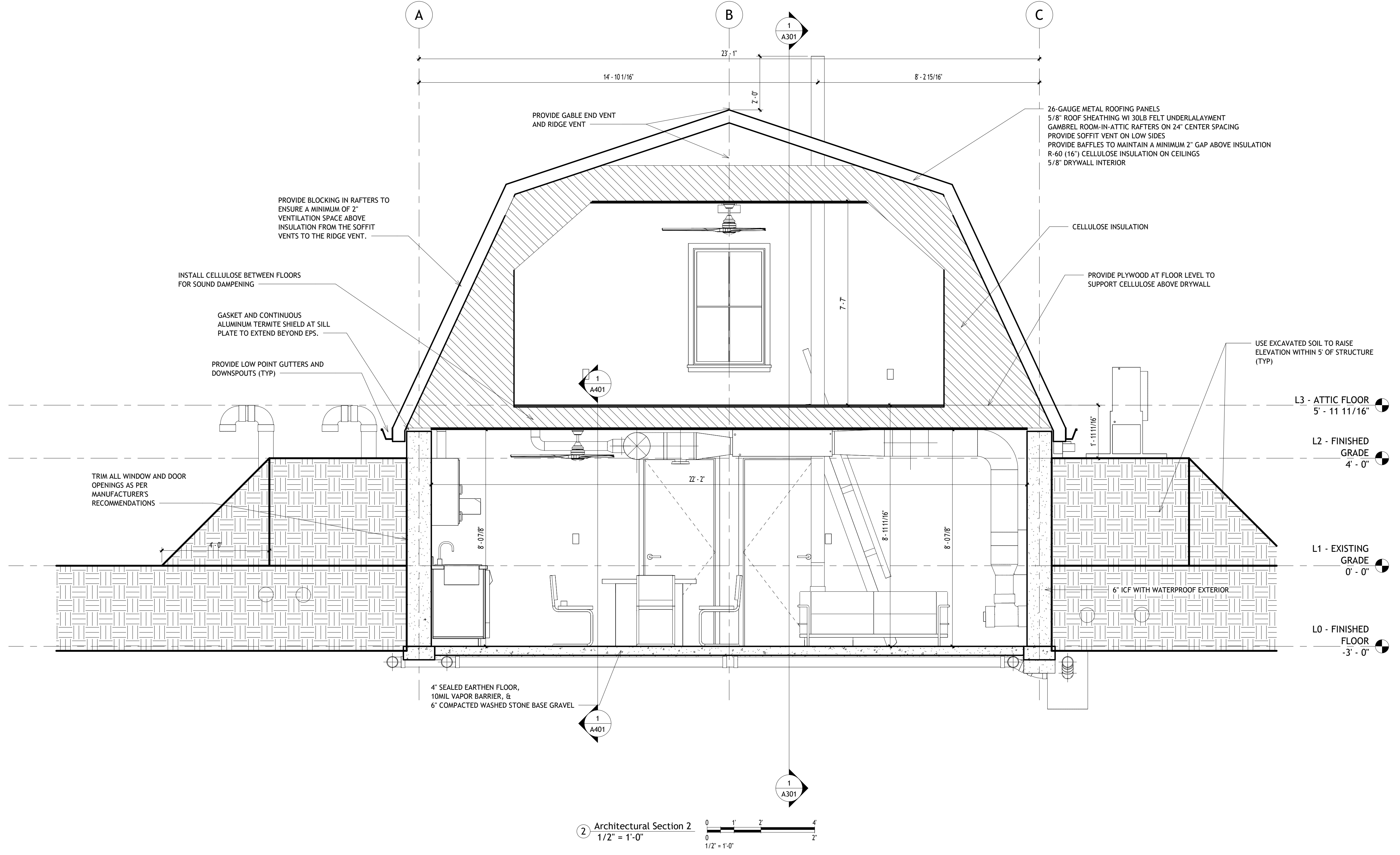
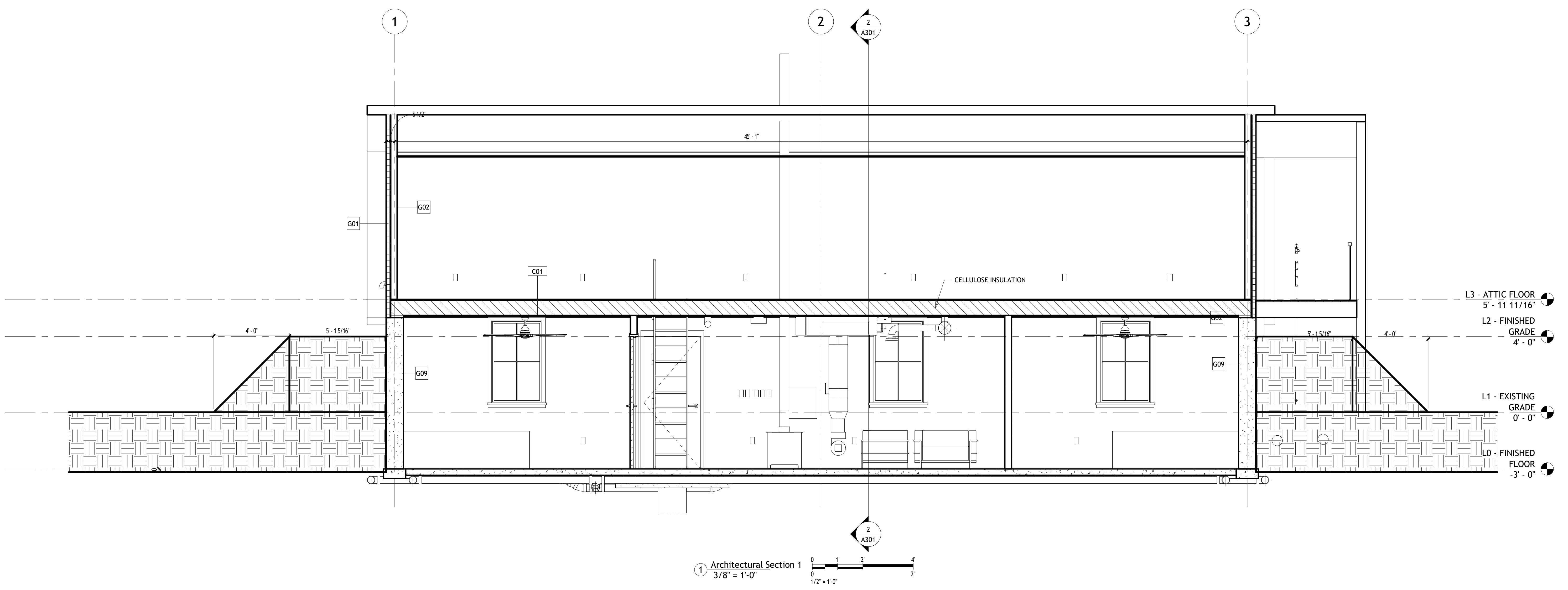
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No.	Description	Date

Client Name	
Project Name	
Architectural Building Sections	
Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
A301	
Scale	As indicated

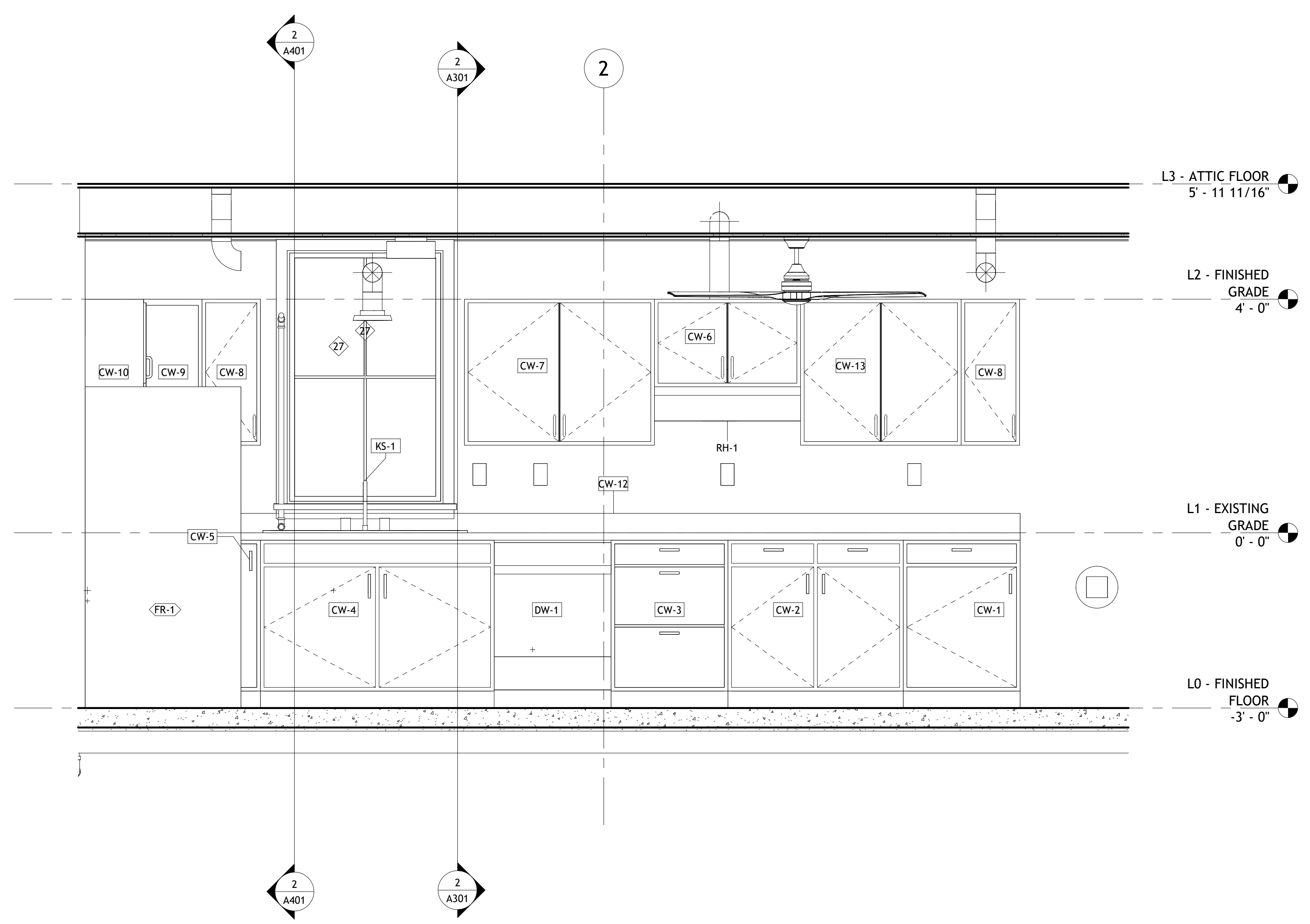
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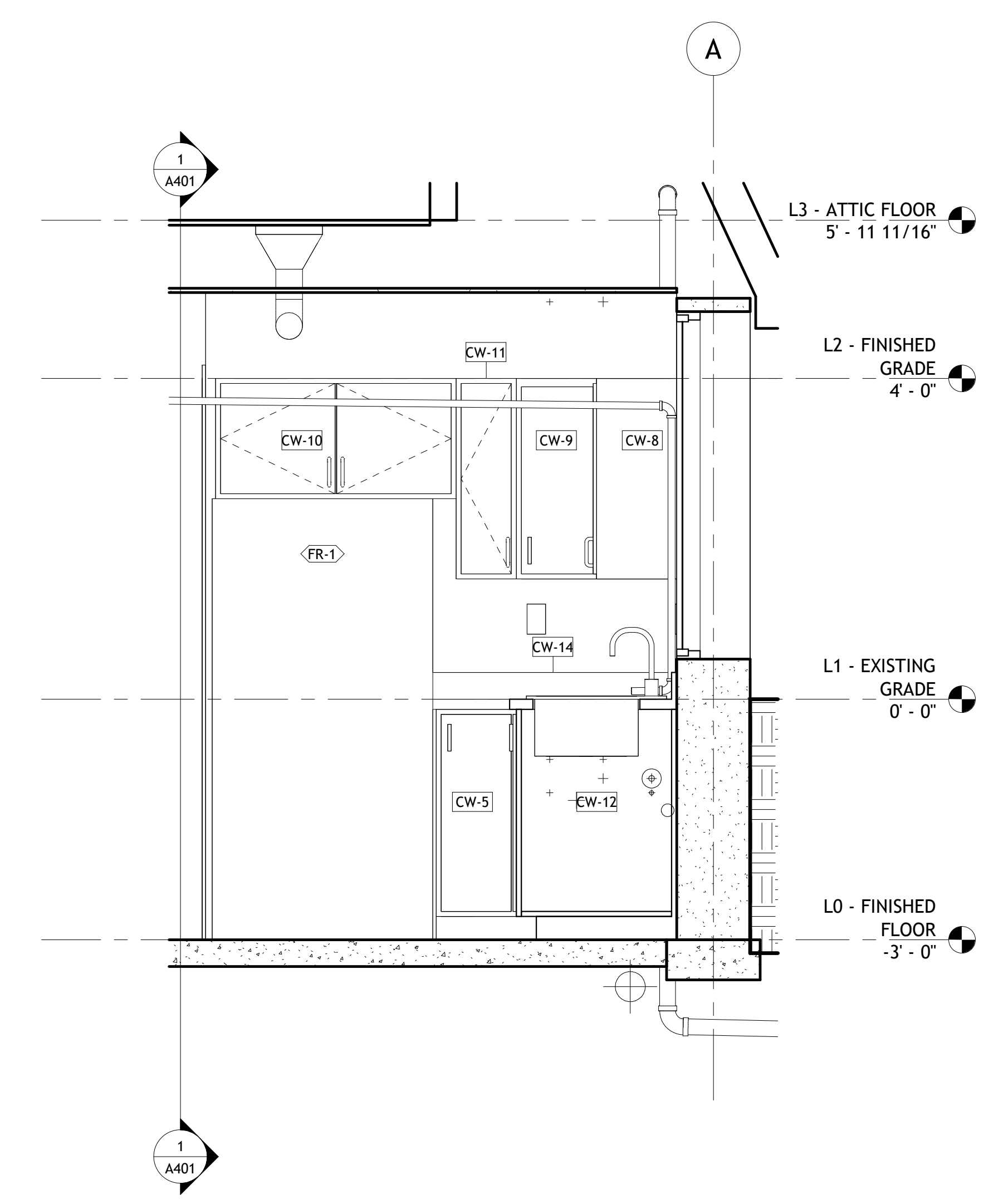
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1 Architectural Section 3
3/4" = 1'-0"



2 Architectural Section 4
3/4" = 1'-0"

No.	Description	Date

Client Name

Project Name

Architectural
Enlarged Views

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
A401	
Scale	3/4" = 1'-0"

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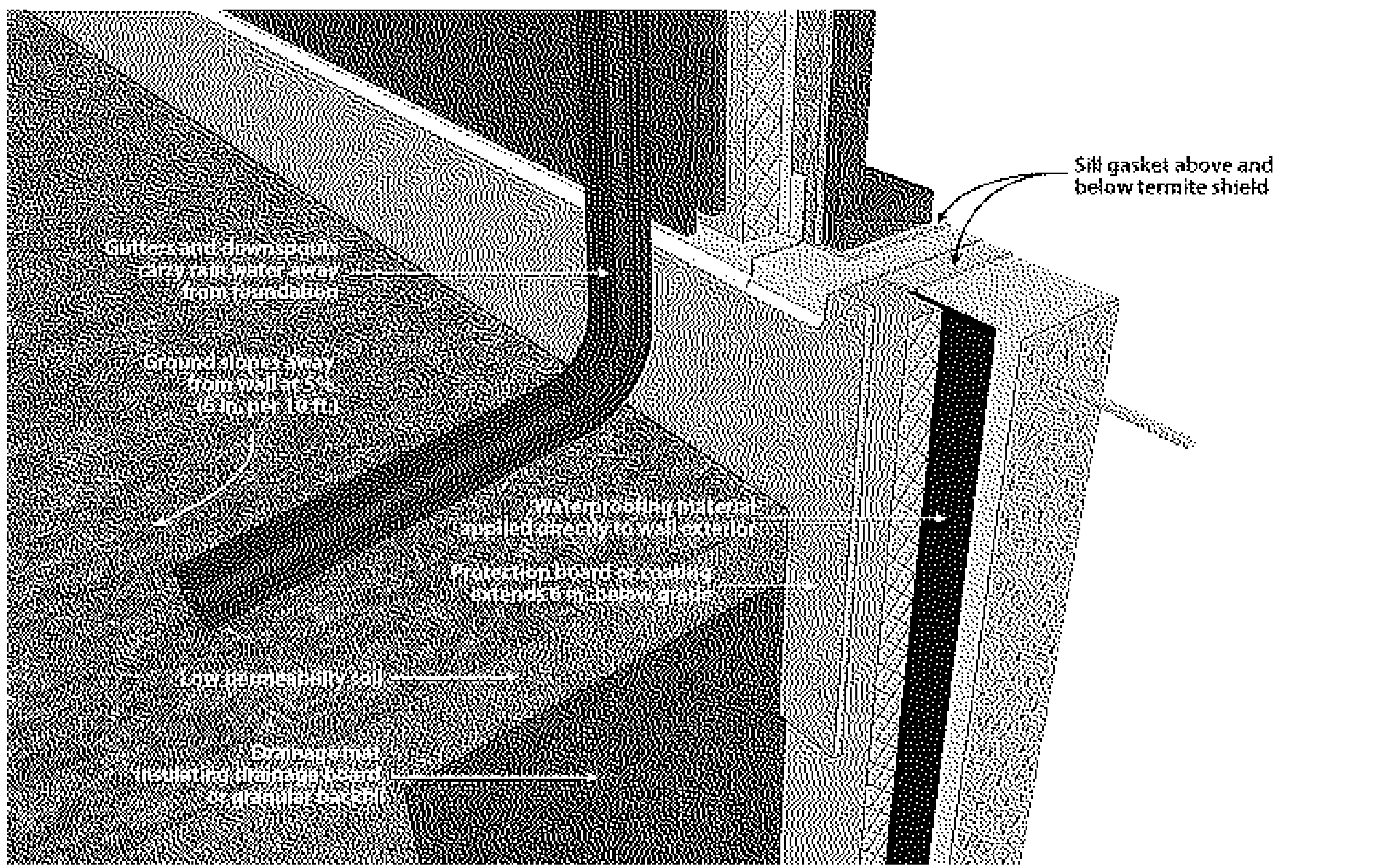
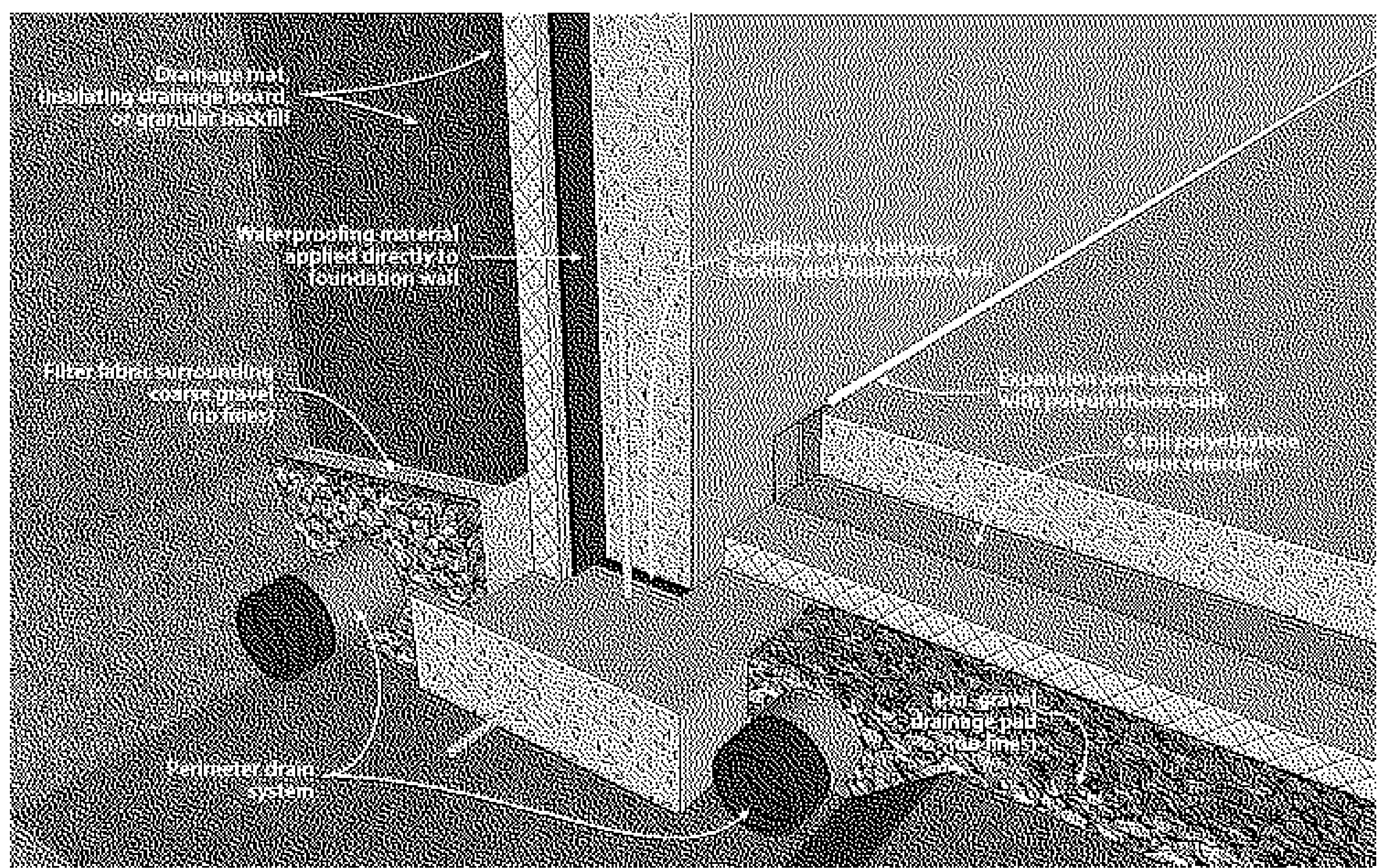
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1 Foundation Drainage Detail
NTS



2 Underground Wall Drainage Detail
NTS

No.	Description	Date

Client Name

Project Name

Architectural
Details

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

A501

Scale 12" = 1'-0"

Room Schedule			
Number	Name	Area	Volume
100	MAIN ROOM	488 SF	3936.68 CF
101	BEDROOM 1	131 SF	1055.53 CF
102	BEDROOM 2	131 SF	1055.53 CF
103	BEDROOM 3	131 SF	1055.53 CF
104	RESTROOM	71 SF	569.81 CF
105	ATTIC	717 SF	5402.42 CF
		1668 SF	13075.51 CF

Ceiling Schedule				
Type Mark	Description	Area	Type	Comments
C01	Gypsum Wall Board (GWB) Finish	979 SF	5/8" GWB	
C01	Gypsum Wall Board (GWB) Finish	717 SF	5/8" GWB	

Floor Schedule			
Description	Area	Volume	Comments
Earthen Floor, 4" thick, Interior Function	963 SF	320.84 CF	
Wood Joists with Wood Finish, Interior Function	722 SF	45.14 CF	
Exterior Wood Deck	81 SF	72.17 CF	

Equipment Schedule				
Type Mark	Description	Manufacturer	Model	Comments
WS-1	WOOD STOVE			STOVE TO INCLUDE COOK TOP

Roof Schedule			
Description	Area	Volume	Comments
Generic Roof, 5.5" thick	97 SF	32.43 CF	Metal Roofing with Underlayment & Sheathing
Generic Roof, 5.5" thick	1848 SF	830.43 CF	Metal Roofing with Underlayment & Sheathing

Foundation Schedule						
Family and Type	Width	Foundation Thickness	Length	Area	Volume	Comments
Wall Foundation: Bearing Footing - 14" x 6"	1' - 2"	0' - 6"	22' - 2"	28 SF	14.15 CF	
Wall Foundation: Bearing Footing - 14" x 6"	1' - 2"	0' - 6"	46' - 0"	53 SF	26.30 CF	
Wall Foundation: Bearing Footing - 14" x 6"	1' - 2"	0' - 6"	45' - 1"	53 SF	26.30 CF	
Wall Foundation: Bearing Footing - 14" x 6"	1' - 2"	0' - 6"	23' - 1"	26 SF	12.78 CF	
Footings-Rectangular: 72" x 14" x 6"	1' - 2"	0' - 6"	6' - 0"	7 SF	3.50 CF	
Grand total: 5				166 SF	83.03 CF	

Window Schedule								
Type Mark	Size		Type	Material	Finish	Level	Head Height	Comments
	Width	Height						
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L0 - FINISHED FLOOR	7' - 10"	
Z7	2' - 8"	4' - 4"	SINGLE HUNG	PVC	FACTORY	L3 - ATTIC FLOOR	5' - 10"	

Room Finish Schedule								
Room Number	Room Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Level	Ceiling Height	Comments
101	BEDROOM 1	SEALED EARTH	WHITEWASH	WHITEWASH	WHITEWASH	L0 - FINISHED FLOOR	8' - 0 7/8"	
100	MAIN ROOM	SEALED EARTH	WHITEWASH	WHITEWASH	WHITEWASH	L0 - FINISHED FLOOR	8' - 0 7/8"	
103	BEDROOM 3	SEALED EARTH	WHITEWASH	WHITEWASH	WHITEWASH	L0 - FINISHED FLOOR	8' - 0 7/8"	
104	RESTROOM	SEALED EARTH	WHITEWASH	WHITEWASH	WHITEWASH	L0 - FINISHED FLOOR	8' - 0 7/8"	
102	BEDROOM 2	SEALED EARTH	WHITEWASH	WHITEWASH	WHITEWASH	L0 - FINISHED FLOOR	8' - 0 7/8"	
105	ATTIC	PLYWOOD	WHITEWASH	WHITEWASH	WHITEWASH	L3 - ATTIC FLOOR	7' - 6 3/8"	

Wall Schedule							
Type Mark	Family and Type	Area	Length	Width	Unconnected Height	Volume	Type Comments
G01	Basic Wall: Generic - 3" EIFS	184 SF	24' - 0"	0' - 3"	27' - 8 15/32"	46.05 CF	3" R10 EPS
G01	Basic Wall: Generic - 3" EIFS	173 SF	24' - 0"	0' - 3"	27' - 8 15/32"	43.36 CF	3" R10 EPS
	Basic Wall: Generic - 3" EIFS: 2	358 SF	48' - 0"			89.41 CF	
G02	Basic Wall: Generic - 4"	163 SF	23' - 1"	0' - 4"	19' - 9 5/16"	54.41 CF	3" R13 EXTERIOR STUD WALL WITH SHEATHING AND WEATHER BARRIER
G02	Basic Wall: Generic - 4"	150 SF	23' - 1"	0' - 4"	14' - 5 1/2"	50.12 CF	3" R13 EXTERIOR STUD WALL WITH SHEATHING AND WEATHER BARRIER
G02	Basic Wall: Generic - 4"	349 SF	45' - 2"	0' - 4"	3' - 3 23/32"	110.83 CF	3" R13 EXTERIOR STUD WALL WITH SHEATHING AND WEATHER BARRIER
G02	Basic Wall: Generic - 4"	348 SF	45' - 2"	0' - 4"	2' - 10 9/16"	110.70 CF	3" R13 EXTERIOR STUD WALL WITH SHEATHING AND WEATHER BARRIER
	Basic Wall: Generic - 4": 4	1010 SF	136' - 6"			326.07 CF	
G09	Basic Wall: Generic - 11"	309 SF	45' - 1"	0' - 11"	8' - 0"	283.15 CF	6" CONCRETE ICF
G09	Basic Wall: Generic - 11"	185 SF	23' - 1"	0' - 11"	8' - 0"	169.28 CF	6" CONCRETE ICF
G09	Basic Wall: Generic - 11"	326 SF	45' - 1"	0' - 11"	8' - 0"	298.83 CF	6" CONCRETE ICF
G09	Basic Wall: Generic - 11"	177 SF	23' - 1"	0' - 11"	8' - 0"	162.56 CF	6" CONCRETE ICF
	Basic Wall: Generic - 11": 4	997 SF	136' - 4"			913.81 CF	
P02	Basic Wall: Interior - 4 1/2" Partition	138 SF	23' - 1"	0' - 4 1/2"	7' - 0"	51.79 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
P02	Basic Wall: Interior - 4 1/2" Partition	97 SF	12' - 7 3/4"	0' - 4 1/2"	7' - 0"	36.33 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
P02	Basic Wall: Interior - 4 1/2" Partition	88 SF	11' - 6 1/2"	0' - 4 1/2"	7' - 0"	32.99 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
P02	Basic Wall: Interior - 4 1/2" Partition	79 SF	12' - 7 3/4"	0' - 4 1/2"	7' - 0"	39.80 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
P02	Basic Wall: Interior - 4 1/2" Partition	86 SF	13' - 5 3/4"	0' - 4 1/2"	7' - 0"	32.33 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
P02	Basic Wall: Interior - 4 1/2" Partition	44 SF	6' - 1 3/4"	0' - 4 1/2"	7' - 0"	16.65 CF	STUD WALL W/ DRYWALL & SOUND BATT INSULATION
	Basic Wall: Interior - 4 1/2" Partition: 6	533 SF	79' - 6 1/2"			199.88 CF	
	Grand total: 16	2898 SF	400' - 4 1/2"			1529.17 CF	

Door Schedule											
Mark	Size			Material	Finish	Under Cut	Frame			Hardware From Room: Number	Comments
	Width	Height	Thickness				Material	Type	Finish		
100	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	FACTORY	N	METAL	EXTERIOR	FACTORY	100	EXTERIOR DOOR
101	2' - 8"	7' - 0"	0' - 1 3/4"	WOOD	FACTORY	Y	WOOD	INTERIOR	FACTORY	101	STANDARD INTERIOR DOOR (UNDERCUT BY 1")
102	2' - 8"	7' - 0"	0' - 1 3/4"	WOOD	FACTORY	Y	WOOD	INTERIOR	FACTORY	102	STANDARD INTERIOR DOOR (UNDERCUT BY 1")
103	2' - 8"	7' - 0"	0' - 1 3/4"	WOOD	FACTORY	Y	WOOD	INTERIOR	FACTORY	103	STANDARD INTERIOR DOOR (UNDERCUT BY 1")
104	2' - 8"	7' - 0"	0' - 1 3/4"	WOOD	FACTORY	Y	WOOD	INTERIOR	FACTORY	104	STANDARD INTERIOR DOOR (UNDERCUT BY 1")
105A	3' - 0"	7' - 0"	0' - 1 3/4"	METAL	FACTORY	N	METAL	EXTERIOR	FACTORY	105	EXTERIOR DOOR
105B	3' - 0"	7' - 0"	0' - 1 3/4"	ALUMINUM	FACTORY	N	ALUMINUM	EXTERIOR	FACTORY	105	STORM DOOR

Casework Schedule											
Type Mark	Family and Type	Description	Elevation from Level	Level	Manufacturer	Model	Width	Depth	Height	Count	Comments
CW-1	Base Cabinet-Single Door & Drawer: 24"		0' - 0"	L0 - FINISHED FLOOR			2' - 0"	2' - 0"	2' - 10 1/2"	1	
CW-2	Base Cabinet-Double Door & 2 Drawer: 36"		0' - 0"	L0 - FINISHED FLOOR			3' - 0"	2' - 0"	2' - 10 1/2"	1	
CW-3	Base Cabinet-3 Drawers: 24"		0' - 0"	L0 - FINISHED FLOOR			2' - 0"	2' - 0"	2' - 10 1/2"	1	
CW-4	Base Cabinet-Double Door Sink Unit: 48"		0' - 0"	L0 - FINISHED FLOOR			4' - 0"	2' - 0"	2' - 10 1/2"	1	
CW-5	Base Cabinet-Corner Unit-Square: 36"		0' - 0"	L0 - FINISHED FLOOR			3' - 0"	2' - 0"	2' - 10 1/2"	1	
CW-6	Upper Cabinet-Double Door-Short-Wall: 30"		5' - 6"	L0 - FINISHED FLOOR			2' - 6"	1' - 0"	1' - 6"	1	
CW-7	Upper Cabinet-Double Door-Wall: 39"		4' - 6"	L0 - FINISHED FLOOR			3' - 3"	1' - 0"	2' - 6"	1	
CW-8	Upper Cabinet-Single Door-Wall: 12"		4' - 6"	L0 - FINISHED FLOOR			1' - 0"	1' - 0"	2' - 6"	2	
CW-9	Upper Cabinet-Corner Unit Square-Wall: 12" Depth		4' - 6"	L0 - FINISHED FLOOR			1' - 0"	1' - 0"	2' - 6"	1	
CW-10	Upper Cabinet-Double Door-Short-Wall: 36"		5' - 6"	L0 - FINISHED FLOOR			3' - 0"	1' - 0"	1' - 6"	1	
CW-11	Upper Cabinet-Single Door-Wall: 9"		4' - 6"	L0 - FINISHED FLOOR			0' - 9"	1' - 0"	2' - 6"	1	
CW-12	Counter Top w Sink: 24" Depth		0' - 0"	L0 - FINISHED FLOOR				2' - 1"	3' - 0"	1	14'-0"
CW-13	Upper Cabinet-Double Door-Wall: 33"		4' - 6"	L0 - FINISHED FLOOR			2' - 9"	1' - 0"	2' - 6"	1	
CW-14	Counter Top: 24" Depth		0' - 0"	L0 - FINISHED FLOOR				2' - 1"	3' - 0"	1	3'-1"



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No.	Description	Date

Client Name

Project Name

Architectural Schedules

Project Number Project Number

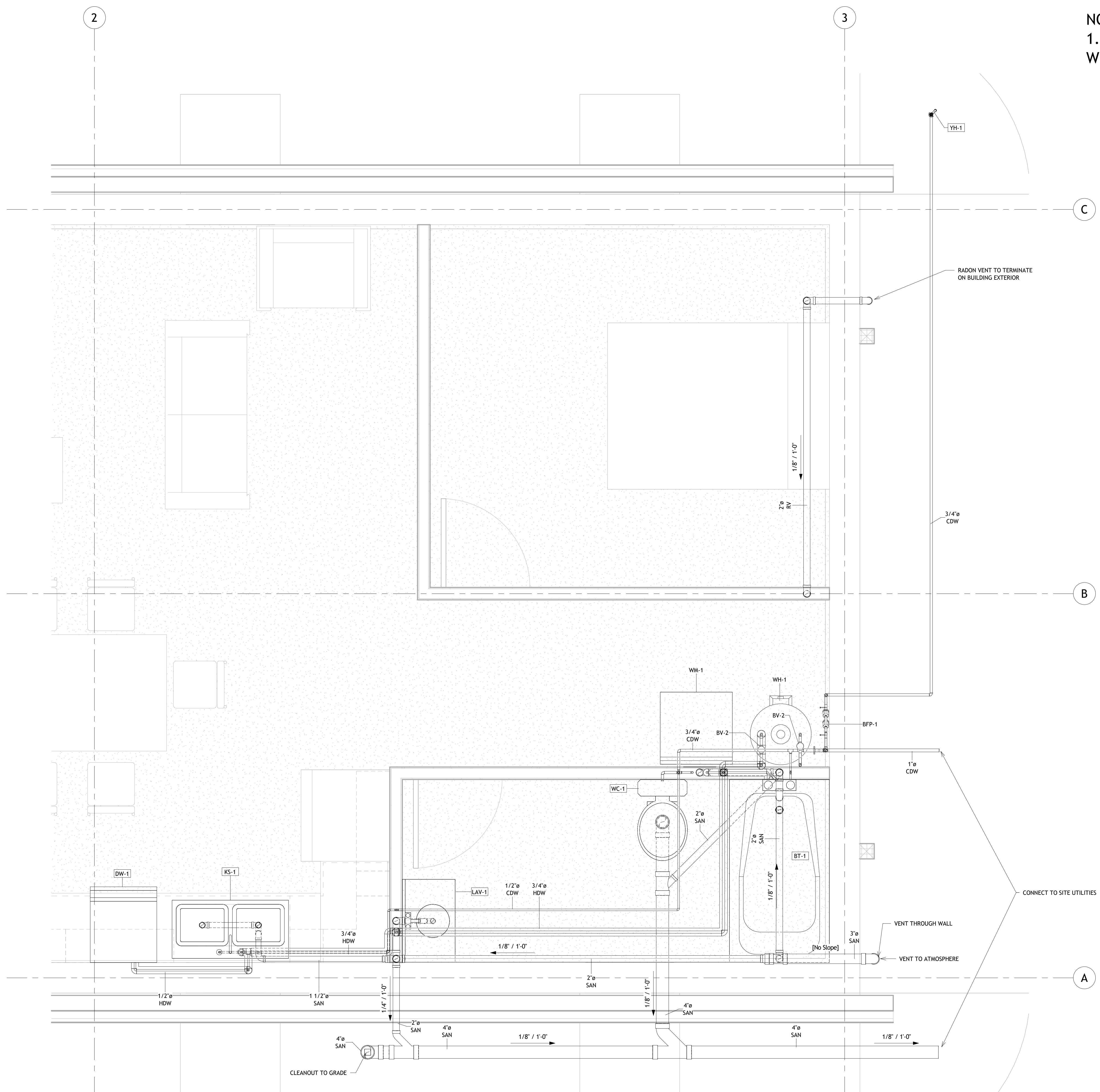
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Drawn By Author

Checked By Checker

A601

Scale



NOTES:
1. PLUMBING TO BE EXPOSED WHERE FEASIBLE.



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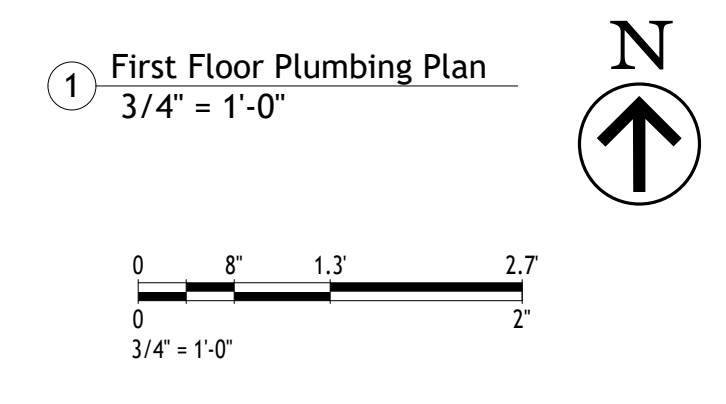
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No.	Description	Date

Client Name
Project Name
Plumbing Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
P101	
Scale	3/4" = 1'-0"



Pipe Accessory Schedule				
Type Mark	Family	Type	System Abbreviation	Count
BFP-1	Backflow Preventer - 0.5-2 Inch	3/4"	CDW	1
BV-1	Globe Valve - 0.375-2 Inch - Threaded	1"	CDW	1
BV-2	Globe Valve - 0.375-2 Inch - Threaded	3/4"	CDW	1
BV-2	Globe Valve - 0.375-2 Inch - Threaded	3/4"	HDW	1

Plumbing Fixture Schedule				
Type Mark	Family and Type	Manufacturer	Model	Count
BT-1	Bath Tub - Maestro: 66"x36" - Private			
DW-1	Dishwasher: 28"x24"			
KS-1	Sink - Kitchen - Double: 42"x21" - Private			
LAV-1	Lavatory - Vanity: 30"x18" - Private			
WB-1	Plumbing Fixture-Datex-Quadro-WMOB: Copper Sweat Connector	Gatex Company	38530	
WC-1	Water Closet - Flush Tank: Private - 1.6 gpf			
YH-1	Hydrant_5910_RSmith: Depth Of Bury (4 Ft)	Jay R. Smith Mfg. Co.	5910	

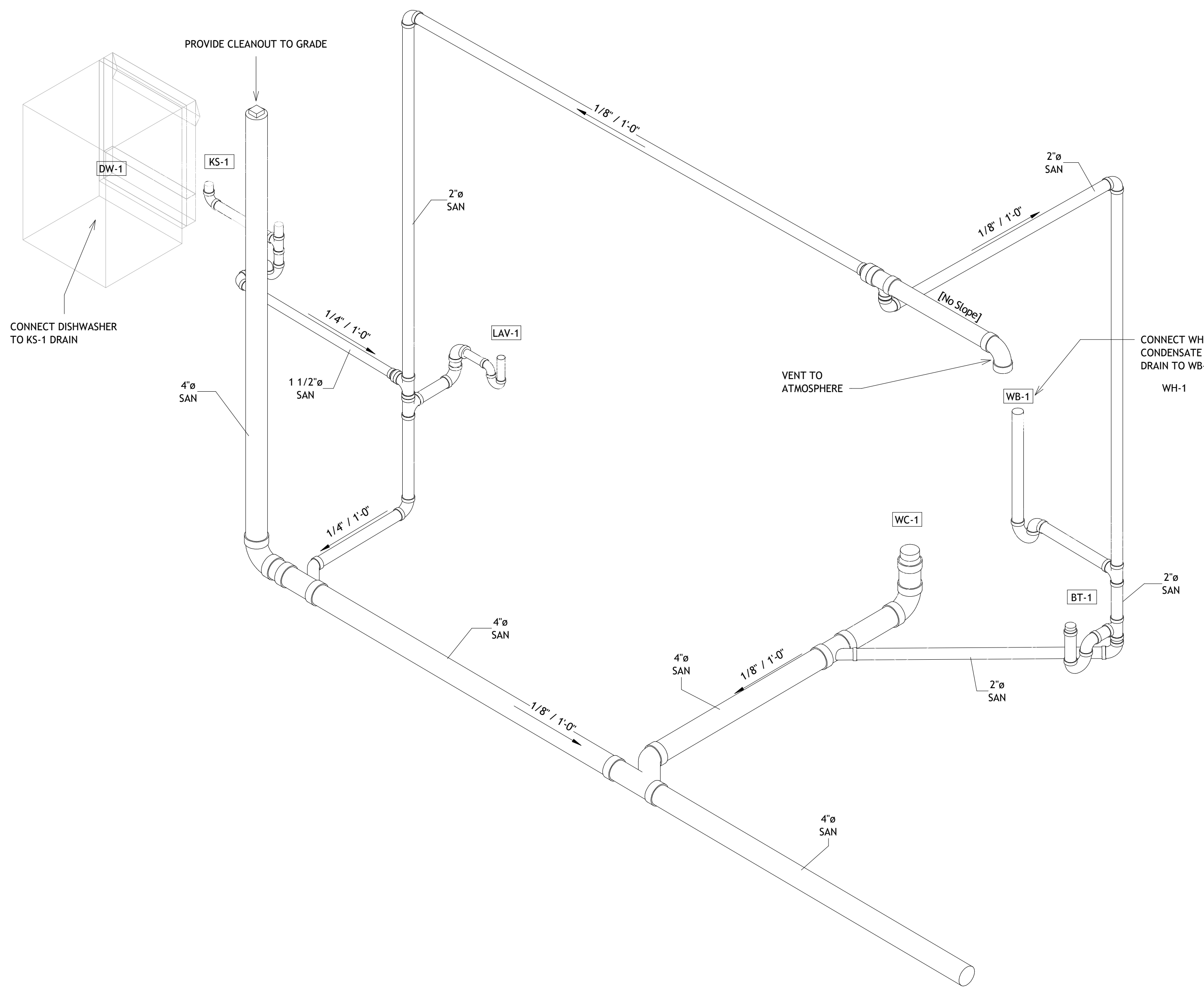
Pipe Insulation Schedule						
System Abbreviation	Pipe Size	Family	Type	Insulation Thickness	Count	Length
HDW	1/2"	Pipe Insulation	Foam	1"	12	14' - 7 1/32"
HDW	1/2"x1/2"	Pipe Insulation	Foam	1"	7	0' - 0"
HDW	1/2"x1/2"x1/2"	Pipe Insulation	Foam	1"	2	0' - 0"
HDW	3/4"	Pipe Insulation	Foam	1"	13	29' - 4 3/16"
HDW	3/4"x1/2"	Pipe Insulation	Foam	1"	3	0' - 0"
HDW	3/4"x3/4"	Pipe Insulation	Foam	1"	10	0' - 0"
HDW	3/4"x3/4"x3/4"	Pipe Insulation	Foam	1"	2	0' - 0"
Grand total: 49						43' - 11 1/4"

Pipe Fitting Schedule				
System Abbreviation	Family	Size	Count	
CDW	Elbow - Generic	1"x1"	2	
CDW	Tee - Generic	1"x1"x1"	1	
CDW	Transition - Generic	1"x3/4"	2	
CDW	Elbow - Generic	1/2"x1/2"	9	
CDW	Tee - Generic	1/2"x1/2"x1/2"	2	
CDW	Transition - Generic	3/4"x1/2"	5	
CDW	Elbow - Generic	3/4"x3/4"	10	
CDW	Tee - Generic	3/4"x3/4"x3/4"	3	
FD	Bend - PVC - Sch 40 - DWV	4"x4"	13	
FD	Tee Reducing Sanitary - PVC - Sch 40 - DWV	4"x4"x2"	2	
FD	Tee Sanitary - PVC - Sch 40 - DWV	4"x4"x4"	2	
HDW	Elbow - Generic	1/2"x1/2"	7	
HDW	Tee - Generic	1/2"x1/2"x1/2"	2	
HDW	Transition - Generic	3/4"x1/2"	3	
HDW	Elbow - Generic	3/4"x3/4"	9	
HDW	Tee - Generic	3/4"x3/4"x3/4"	2	
LIQ	Elbow - Generic	1/2"x1/2"	8	
LIQ	Transition - Generic	5/8"x1/2"	1	
RA	Bend - PVC - Sch 40 - DWV	6"x6"	12	
RA	Plug - PVC - Sch 40 - DWV	8"	2	
RA	Reducer - PVC - Sch 40 - DWV	8"x6"	3	
RA	Tee Reducing Sanitary - PVC - Sch 40 - DWV	8"x8"x6"	2	
RA	Wye 45 Deg Reducing - PVC - Sch 40 - DWV	8"x8"x6"	1	
RA	Tee Sanitary - PVC - Sch 40 - DWV	8"x8"x8"	2	
RV	Bend - PVC - Sch 40 - DWV	2"x2"	8	
SAN	Bend - PVC - Sch 40 - DWV	1 1/2"x1 1/2"	2	
SAN	Trap P - PVC - Sch 40 - DWV	1 1/2"x1 1/2"	1	
SAN	Tee Sanitary - PVC - Sch 40 - DWV	1 1/2"x1 1/2"x1 1/2"	1	
SAN	Trap P - PVC - Sch 40 - DWV	1 1/4"x1 1/4"	1	
SAN	Reducer - PVC - Sch 40 - DWV	2"x1 1/2"	2	
SAN	Bend - PVC - Sch 40 - DWV	2"x2"	7	
SAN	Trap P - PVC - Sch 40 - DWV	2"x2"	2	
SAN	Tee Sanitary - PVC - Sch 40 - DWV	2"x2"x2"	4	
SAN	Reducer - PVC - Sch 40 - DWV	3"x2"	1	
SAN	Bend - PVC - Sch 40 - DWV	3"x3"	1	
SAN	Tee Reducing Sanitary - PVC - Sch 40 - DWV	3"x3"x2"	1	
SAN	Bend - PVC - Sch 40 - DWV	3/4"x3/4"	4	
SAN	Plug - PVC - Sch 40 - DWV	4"	1	
SAN	Reducer - PVC - Sch 40 - DWV	4"x3"	1	
SAN	Bend - PVC - Sch 40 - DWV	4"x4"	2	
SAN	Wye 45 Deg Reducing - PVC - Sch 40 - DWV	4"x4"x2"	1	
SAN	Wye Combination with 8th Bend - PVC - Sch 40 - DWV	4"x4"x2"	1	
SAN	Wye Combination with 8th Bend - PVC - Sch 40 - DWV	4"x4"x4"	1	
VAP	Elbow - Generic	1/2"x1/2"	8	
VAP	Transition - Generic	5/8"x1/2"	1	

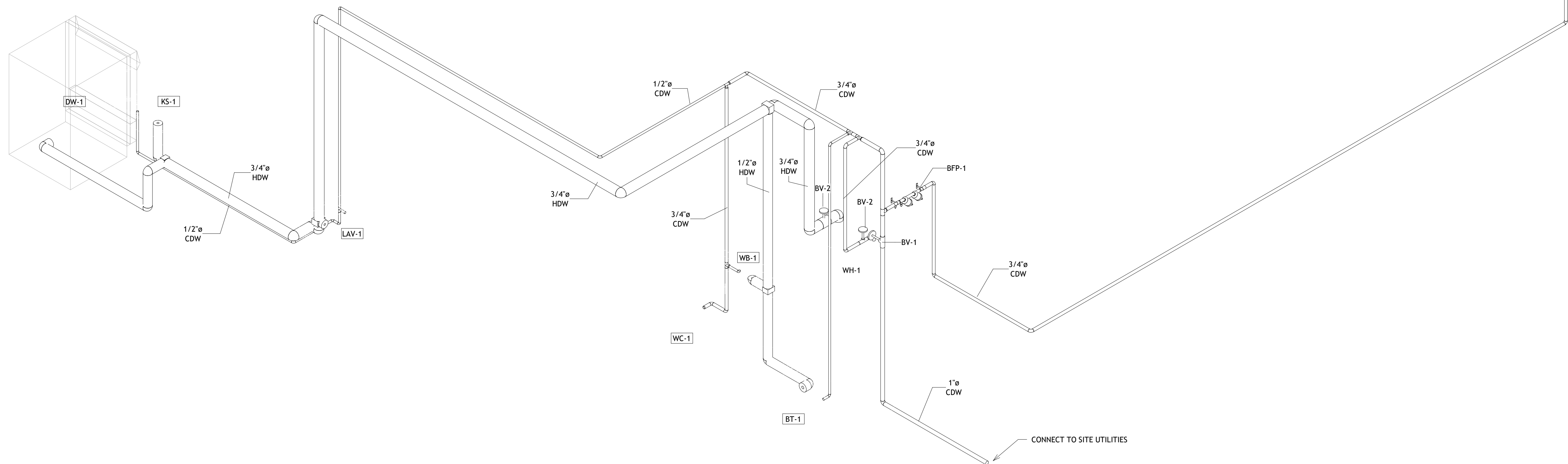
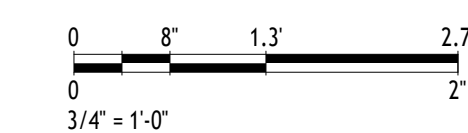
Plumbing Equipment Schedule					
Mark	Description	Volt	Phase	Frequency	Comments
WH-1	Residential Washing Machine	120	1	60	
FS-1	18 Dia x 22 D Foundation Sump Pit				Include Foot Traffic Rated Grating
WH-1	50 Gallon Heat Pump Water Heater	120	1	60	

Pipe Schedule						
System Abbreviation	Size	Description	Insulation Thickness	Insulation Type	Length	System Type
CDW	1"	PEX	0"		10' - 5 1/32"	Domestic Cold Water
CDW	1/2"	PEX	0"		33' - 9 21/32"	Domestic Cold Water
CDW	3/4"	PEX	0"		39' - 1 9/32"	Domestic Cold Water
FD	4"	Corrugated Slotted HDPE	0"		259' - 4 5/16"	Foundation Drainage
HDW	1/2"	PEX	1"	Foam	14' - 7 1/32"	Domestic Hot Water
HDW	3/4"	PEX	1"	Foam	29' - 4 3/16"	Domestic Hot Water
LIQ	1/2"	Copper Tubing	0"		13' - 2 9/16"	Refrigerant Liquid
RA	6"	SCH 10 PVC DWV	0"		204' - 7 19/32"	Return Air
RA	8"	SCH 10 PVC DWV	0"		44' - 1 9/32"	Return Air
RV	2"	SCH 10 PVC DWV	0"		37' - 5 7/32"	Radon Vent
SAN	1 1/2"	SCH 40 PVC DWV	0"		5' - 9"	Sanitary
SAN	1 1/4"	SCH 40 PVC DWV	0"		0' - 10 7/16"	Sanitary
SAN	2"	SCH 40 PVC DWV	0"		44' - 8 3/8"	Sanitary
SAN	3"	SCH 40 PVC DWV	0"		2' - 2 3/4"	Sanitary
SAN	3/4"	SCH 40 PVC DWV	0"		17' - 1 15/16"	Sanitary
SAN	4"	SCH 40 PVC DWV	0"		28' - 7 13/16"	Sanitary
VAP	1/2"	Copper Tubing	0"		15' - 0 1/2"	Refrigerant Vapor
Grand total: 161						760' - 5"

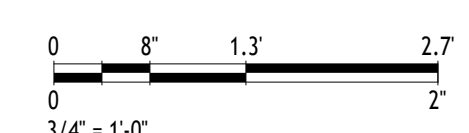
Piping System Schedule		
Abbreviation	Description	System Classification
CDW	Cold Domestic Water	Domestic Cold Water
FD	Foundation Drainage	Other
HDW	Hot Domestic Water	Domestic Hot Water
LIQ	Liquid Refrigerant	Other
RA	Return Air	Other
RV	Radon Vent	Other
SAN	Sanitary Sewer	Sanitary
VAP	Vapor Refrigerant	Other



1 Sanitary Sewer Isometric View



2 Domestic Water Isometric View



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No.	Description	Date

Client Name

Project Name

Plumbing Schedules

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

P601

Scale

NOTES:
 1. HVAC TO BE EXPOSED WHERE FEASIBLE.



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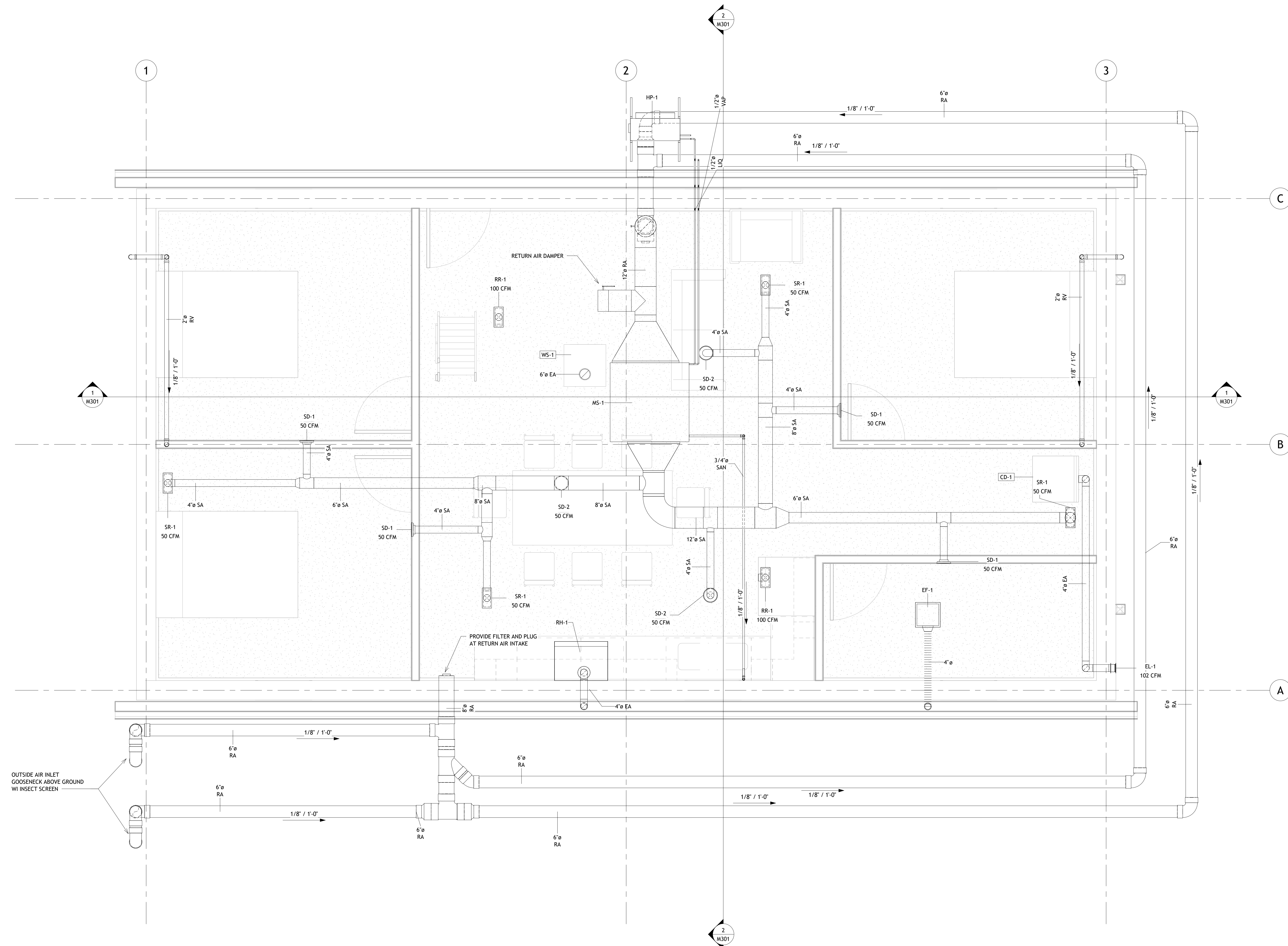
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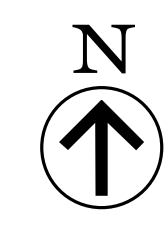
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1 First Floor Mechanical Plan
 1/2" = 1'-0"



No.	Description	Date

Client Name
 Project Name
 Mechanical Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
M101	
Scale	1/2" = 1'-0"

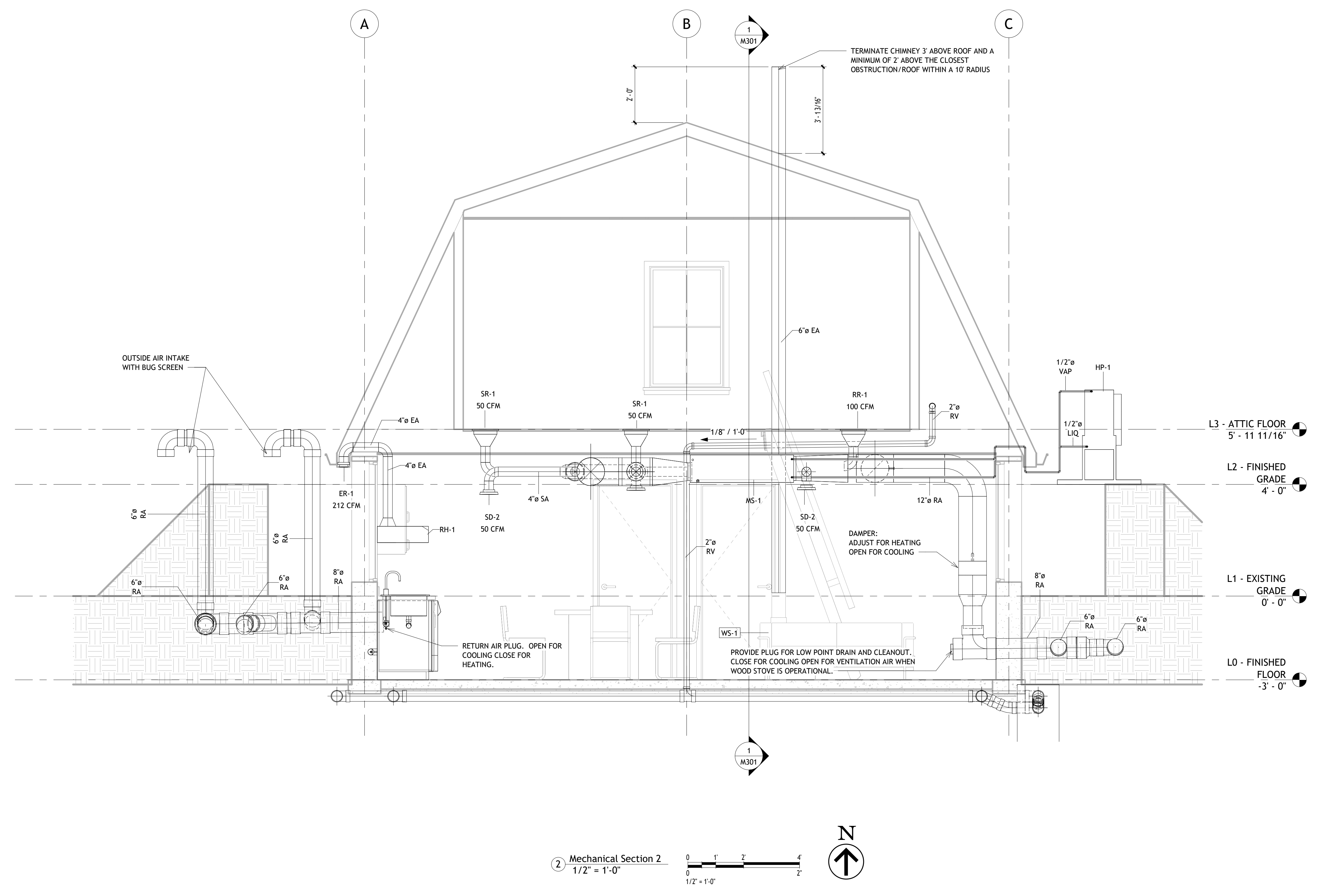
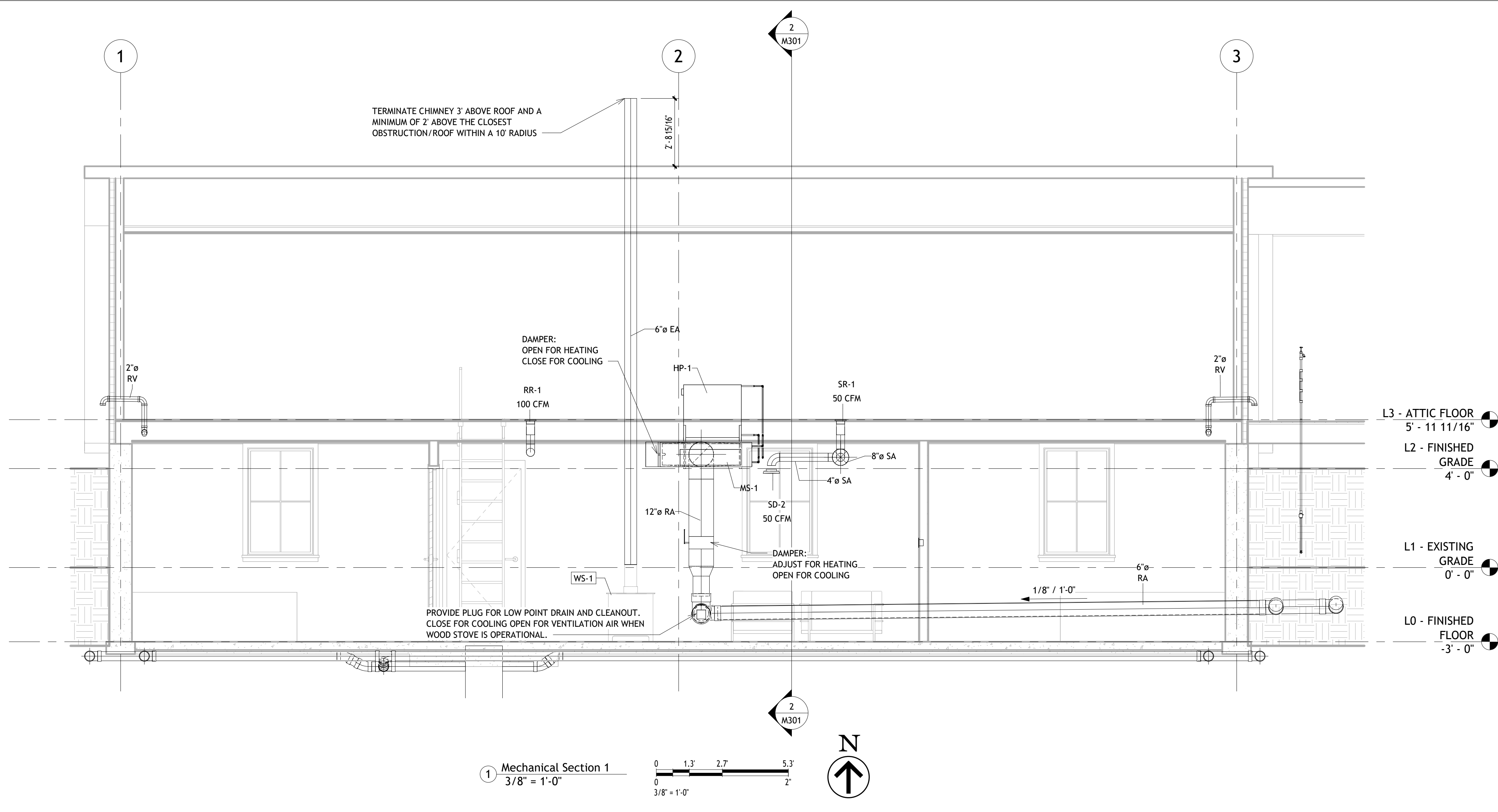
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No.	Description	Date

Client Name

Project Name

Mechanical Sections

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
M301	
Scale	As indicated

- NOTES:**
1. RETURN AIR INTAKE PLUG TO BE CLOSED DURING THE HEATING SEASON AND OPENED DURING THE COOLING SEASON.
 2. DRAIN PLUG TO BE CRACKED OPEN AT ALL TIMES.
 3. DAMPERS TO BE ADJUSTED BASED ON HEATING AND COOLING SEASON.

Duct System Schedule		
Abbreviation	System Name	System Classification
EA	Mechanical Exhaust Air 1	Exhaust Air
EA	Mechanical Exhaust Air 2	Exhaust Air
EA	Mechanical Exhaust Air 3	Exhaust Air
EA	Wood Stove Chimney	Exhaust Air
RA	Mechanical Return Air 1	Return Air
SA	Mechanical Supply Air 1	Supply Air
SA	SA 1	Supply Air

Duct Schedule			
System Abbreviation	System Type	Size	Length
EA	Exhaust Air	4"ø	20' - 1 9/32"
EA	Exhaust Air	6"ø	18' - 10 3/32"
RA	Return Air	8"ø	0' - 9 11/16"
RA	Return Air	12"ø	6' - 2 23/32"
SA	Supply Air	4"ø	26' - 4 1/16"
SA	Supply Air	6"ø	21' - 5 19/32"
SA	Supply Air	8"ø	12' - 1 11/16"
SA	Supply Air	12"ø	3' - 3 9/16"

Air Terminal Schedule							
Mark	Size	System Abbreviation	System Type	Family and Type	Description	Comments	Count
EL-1	4"x4"	EA	Exhaust Air	Louver - Extruded; Standard		DRYER EXHAUST DAMPER/LOUVER	1
ER-1	4"ø	EA	Exhaust Air	Supply Diffuser - Circular - Round Neck - Ceiling Mounted; 4" Face 4" Neck		INCLUDE BACKDRAFT DAMPER	2
RR-1	10"x4"	SA	Supply Air	Supply Grille - Perforated - Rectangular Face Rectangular Neck; 10x4			2
SD-1	4"ø	SA	Supply Air	Supply Diffuser - Circular - Round Neck - Ceiling Mounted; 8" Face 4" Neck		INCLUDE INTEGRAL BALANCING DAMPER	4
SD-2	4"ø	SA	Supply Air	Supply Diffuser - Circular - Round Neck - Ceiling Mounted; 8" Face 4" Neck		INCLUDE INTEGRAL BALANCING DAMPER	3
SR-1	10"x4"	SA	Supply Air	Supply Grille - Perforated - Rectangular Face Rectangular Neck; 10x4			4

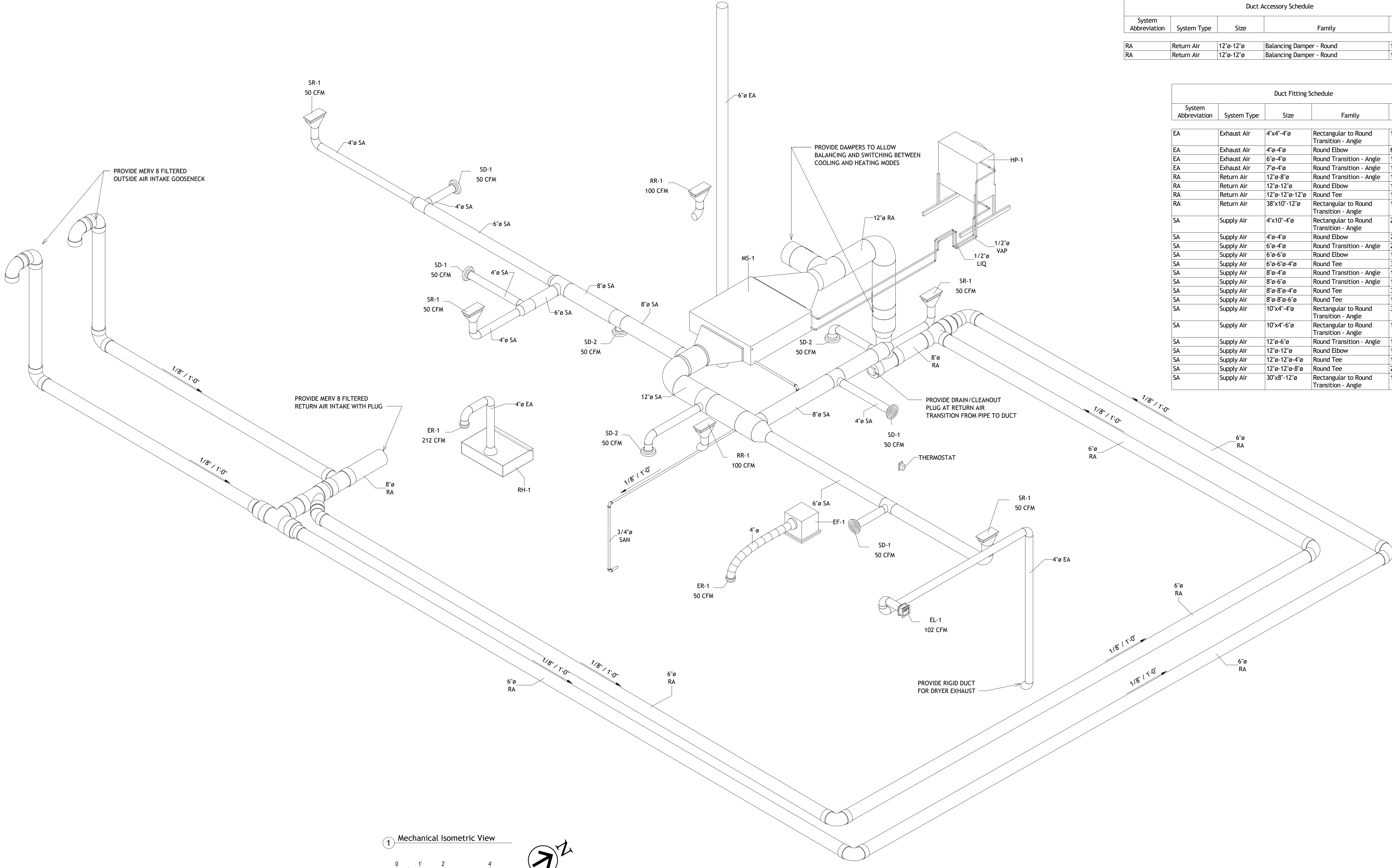
Mechanical Equipment									
Mark	Family	Description	Nominal Cooling Capacity (Tons)	Air Flow (CFM)	Static Pressure (in H2O)	Volt / Phase / Frequency	Manufacturer	Model	
MS-1	WSHP - Horizontal	Ducted Mini-Split Indoor Unit	1.5	550 CFM	0.80 in-wg		GREE	DUCT18HP230V1BD	
HP-1	Condenser - Air Cooled - Horizontal - 17-265 MBH	Mini-Split Heat Pump	1.5	0 CFM	0.00 in-wg	208-230 / 1 / 60	GREE	3VR18HP230V1AD	

Fan Schedule					
Mark	Family	Description	Air Flow (CFM)	Static Pressure (in H2O)	Volt / Phase / Frequency
EF-1	Exhauster with Cabinet - Round Connection - Ceiling Mounted	Ceiling Mounted Exhaust Fan	70 CFM	0.10 in-wg	110 / 1 / 60
RH-1	K3401 - Hood, Exhaust, Non-Commercial	Ducted Under-Cabinet Range Hood Fan	320 CFM	0.25 in-wg	110 / 1 / 60

Equipment Schedule				
Type Mark	Description	Manufacturer	Model	Comments
WS-1	WOOD STOVE			STOVE TO INCLUDE COOK TOP

Duct Accessory Schedule				
System Abbreviation	System Type	Size	Family	Count
RA	Return Air	12"ø-12"ø	Balancing Damper - Round	1
RA	Return Air	12"ø-12"ø	Balancing Damper - Round	1

Duct Fitting Schedule				
System Abbreviation	System Type	Size	Family	Count
EA	Exhaust Air	4"x4"-4"ø	Rectangular to Round Transition - Angle	1
EA	Exhaust Air	4"ø-4"ø	Round Elbow	6
EA	Exhaust Air	6"ø-4"ø	Round Transition - Angle	1
EA	Exhaust Air	7"ø-4"ø	Round Transition - Angle	1
RA	Return Air	12"ø-8"ø	Round Transition - Angle	1
RA	Return Air	12"ø-12"ø	Round Elbow	1
RA	Return Air	12"ø-12"ø-12"ø	Round Tee	1
RA	Return Air	38"x10"-12"ø	Rectangular to Round Transition - Angle	1
SA	Supply Air	4"x10"-4"ø	Rectangular to Round Transition - Angle	2
SA	Supply Air	4"ø-4"ø	Round Elbow	7
SA	Supply Air	6"ø-4"ø	Round Transition - Angle	2
SA	Supply Air	6"ø-6"ø	Round Elbow	1
SA	Supply Air	6"ø-6"ø-4"ø	Round Tee	3
SA	Supply Air	8"ø-4"ø	Round Transition - Angle	1
SA	Supply Air	8"ø-6"ø	Round Transition - Angle	1
SA	Supply Air	8"ø-8"ø-4"ø	Round Tee	3
SA	Supply Air	8"ø-8"ø-6"ø	Round Tee	1
SA	Supply Air	10"x4"-4"ø	Rectangular to Round Transition - Angle	3
SA	Supply Air	10"x4"-6"ø	Rectangular to Round Transition - Angle	1
SA	Supply Air	12"ø-6"ø	Round Transition - Angle	1
SA	Supply Air	12"ø-12"ø	Round Elbow	1
SA	Supply Air	12"ø-12"ø-4"ø	Round Tee	1
SA	Supply Air	12"ø-12"ø-8"ø	Round Tee	2
SA	Supply Air	30"x8"-12"ø	Rectangular to Round Transition - Angle	1



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No.	Description	Date

Client Name
Project Name
Mechanical Schedules

Project Number _____ Project Number _____
Date _____ Issue Date _____
Drawn By _____ Author _____
Checked By _____ Checker _____

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Scale _____

- NOTES:
 1. WIRING TO BE SHIELDED METAL CLAD TYPE.
 2. WIRING TO BE EXPOSED WHERE FEASIBLE.



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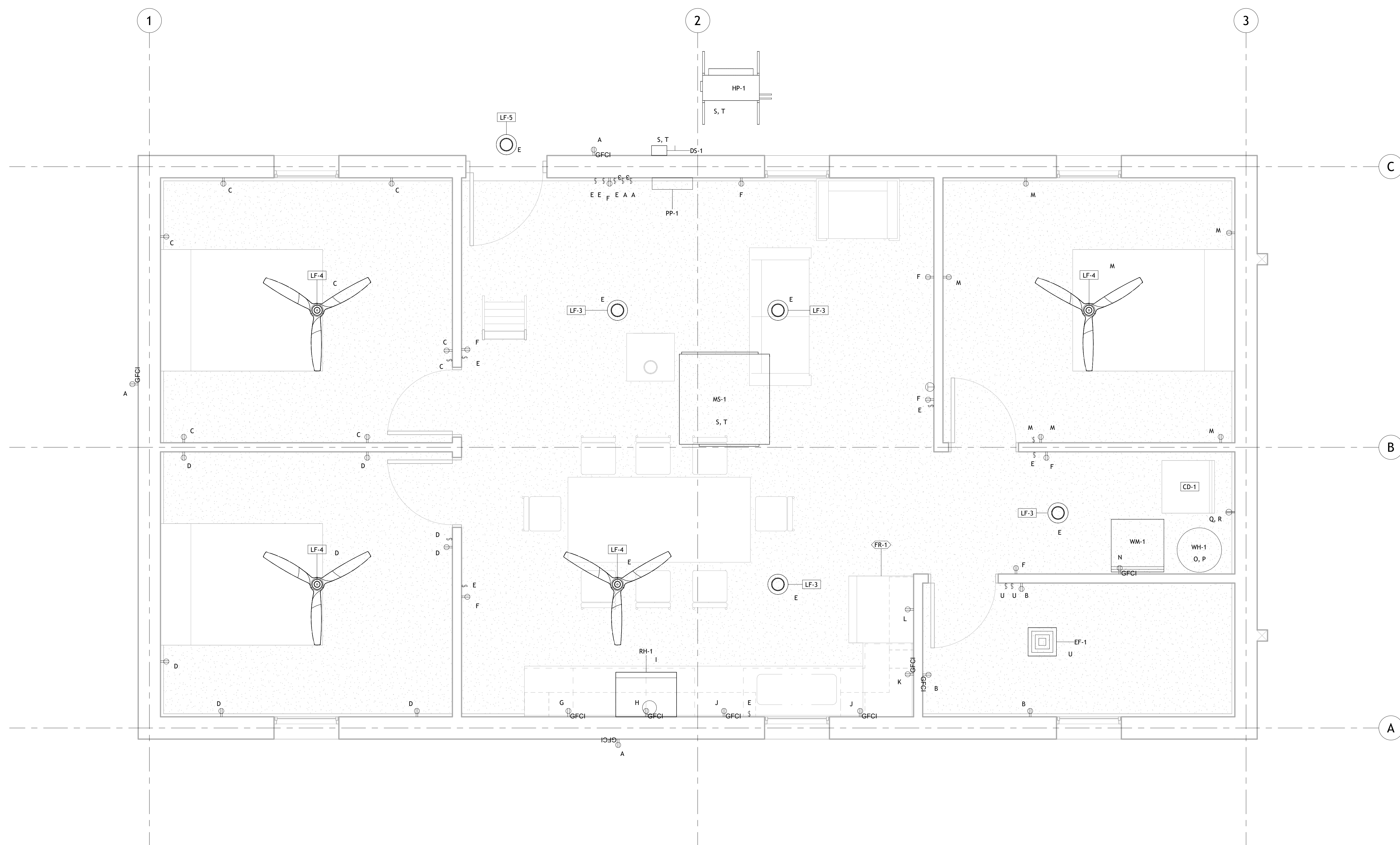
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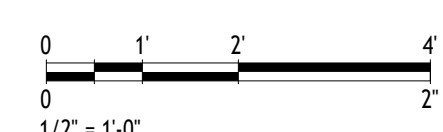
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1 First Floor Power & Lighting Plan
 1/2" = 1'-0"



No.	Description	Date

Client Name
 Project Name
 Electrical Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
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Scale	1/2" = 1'-0"

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No.	Description	Date

Client Name

Project Name

Panel Schedule

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
E601	
Scale	12" = 1'-0"

PANEL NAME: PP-1		LOCATION: MAIN ROOM										
MOUNTING: SURFACE		VOLTAGE: 120V/240V										
ENCLOSURE: NEMA1		PHASE: 1PH										
MAINS: MCCB		SHORT CIRCUIT RATING: 25KA										
BUS AMPACITY: 100A		GROUND BUS: YES										
BUS TYPE: TINNED COPPER		ISOLATED GROUND BUS: NO										
BRANCH BREAKER TYPE: -		NEUTRAL BUS: 100%										
NO	LOAD DESCRIPTION	MOC	VOLTS	MCA	VA-A	VA-B	MCA	VOLTS	MOC	LOAD DESCRIPTION	NO	
1	A	20	120	5	600	1200	10	120	20	B	1	
2	C	20	120	5	600	600	5	120	20	D	2	
3	E	20	120	5	600	600	5	120	20	F	3	
4	G	20	120	10	1200	1200	10	120	20	H	4	
5	I	20	120	5	600	1200	10	120	20	J	5	
6	K	20	120	10	1200	600	5	120	20	L	6	
7	M	20	120	5	600	600	5	120	20	N	7	
8	O	30	240	21	5040	5040	21	240	30	P	8	
9	Q	30	240	21	5040	5040	21	240	30	R	9	
10	S	15	240	20	4800	4800	20	240	15	T	10	
11	U	20	120	5	600	600	5	120	20	V	11	
12	W	20	120	5	600	0	0	0	0	SPARE	12	
13	SPARE	0	0	0	0	0	0	0	0	SPARE	13	
14	SPARE	0	0	0	0	0	0	0	0	SPARE	14	
15	SPARE	0	0	0	0	0	0	0	0	SPARE	15	
TOTAL LOAD VA					21480	21480						
TOTAL LOAD AMPS				117		117						

PP-1 PANEL SCHEDULE
NTS

Family and Type	Count
Lighting Switches: Single Pole	16
Lighting Switches: Three Way	4

Type Mark	Family and Type	Count
LF-2	Wall Lamp - Bracket: 100W - 120V	2
LF-3	Ceiling Light - Flat Round: 60W - 120V	6
LF-4	33719: 33727 ALO LED White ceiling fan	6
LF-5	Ceiling Light - Flat Round: 60W - 120V Exterior	1

Type Mark	Family and Type
PP-1	Lighting and Appliance Panelboard - 208V MLO: 100 A
DS-1	Disconnect Switches: 240V - Non-Fusible 30A

Type Mark	Family	Type	Count
GFCI-1	Duplex Receptacle	GFCI	11
DR-1	Duplex Receptacle	Standard	44
TR-1	Receptacle - 220V	Standard	1

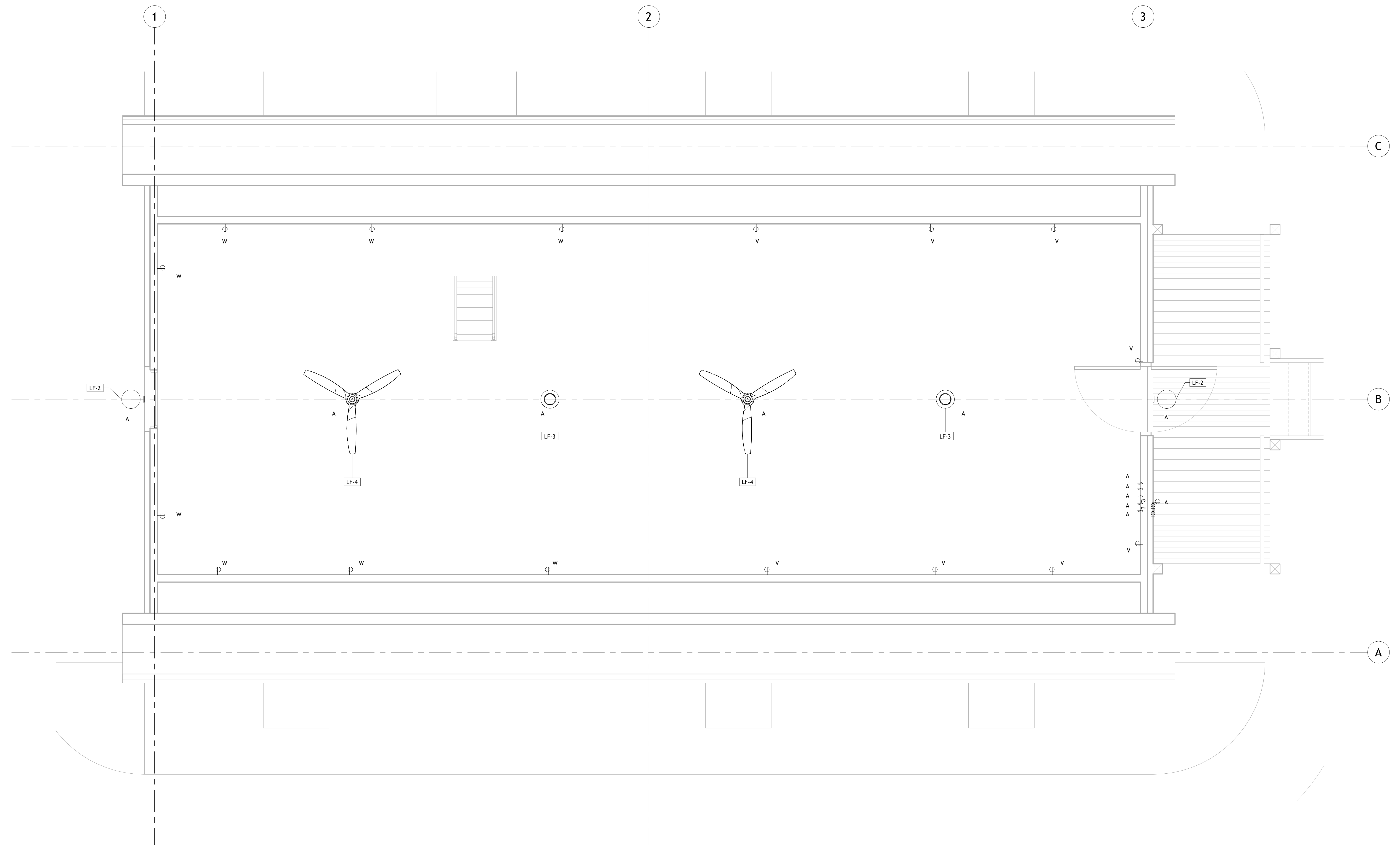
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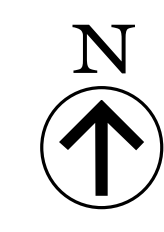
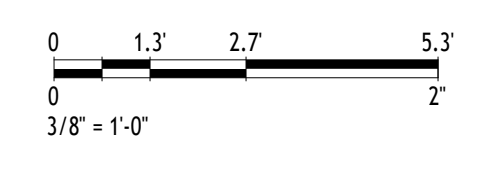
Consultant
Address
Address
Address
Phone

Consultant
Address
Address
Address
Phone

Consultant
Address
Address
Address
Phone



① Second Floor Power & Lighting Plan
1/2" = 1'-0"



No.	Description	Date

Client Name

Project Name

Electrical Plans

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

E102

Scale 1/2" = 1'-0"