

VICINITY MAP

ARCHITECT



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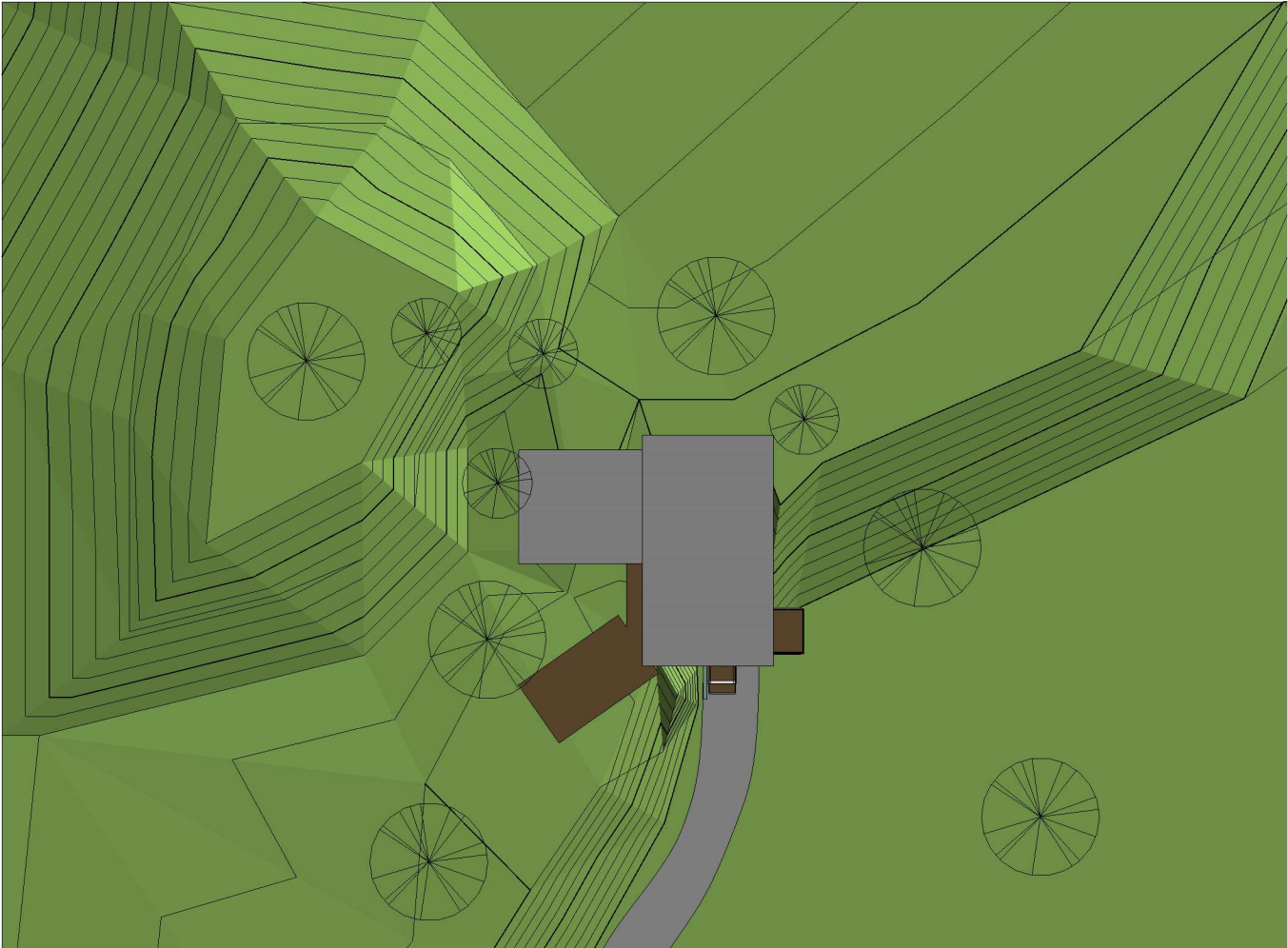
GOATBARN LANE HOUSE
BOULDER, COLORADO

TITLESHEET

[illegible]

C102

Project Status
50% DESIGN DEVELOPMENT
08.26.24



Site Plan
1" = 10'-0"



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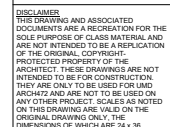
GOATBARN LANE HOUSE
BOULDER, COLORADO

SITE PLAN

DATE	REVISION	

C103

Project Status
50% DESIGN DEVELOPMENT
08.26.24



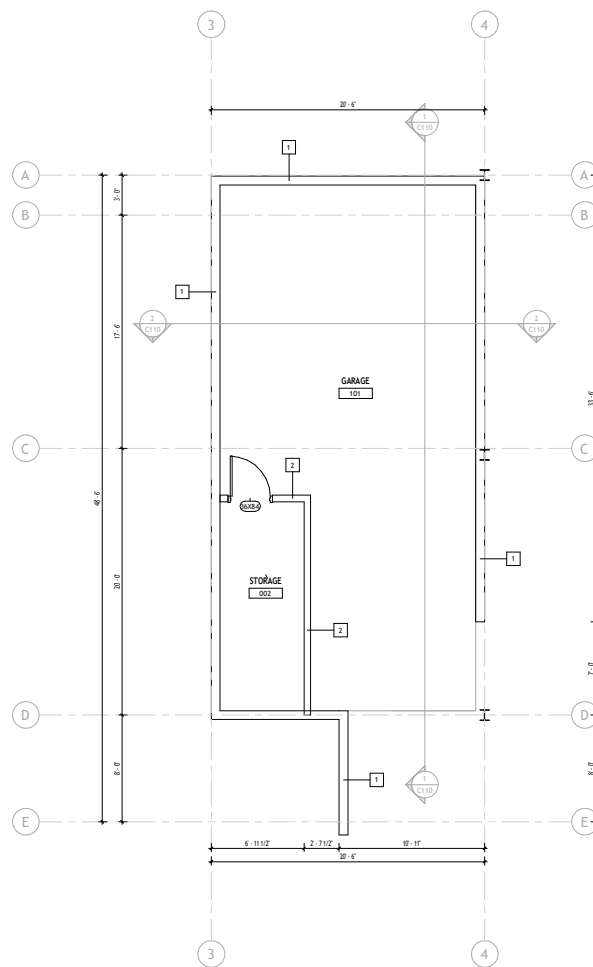
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GOATBARN LANE HOUSE
BOULDER, COLORADO

BASEMENT LEVEL
FLOOR PLAN

[illegible]

Project Status
50% DESIGN DEVELOPMENT
08.26.24



① BASEMENT
1/4" = 1'-0"



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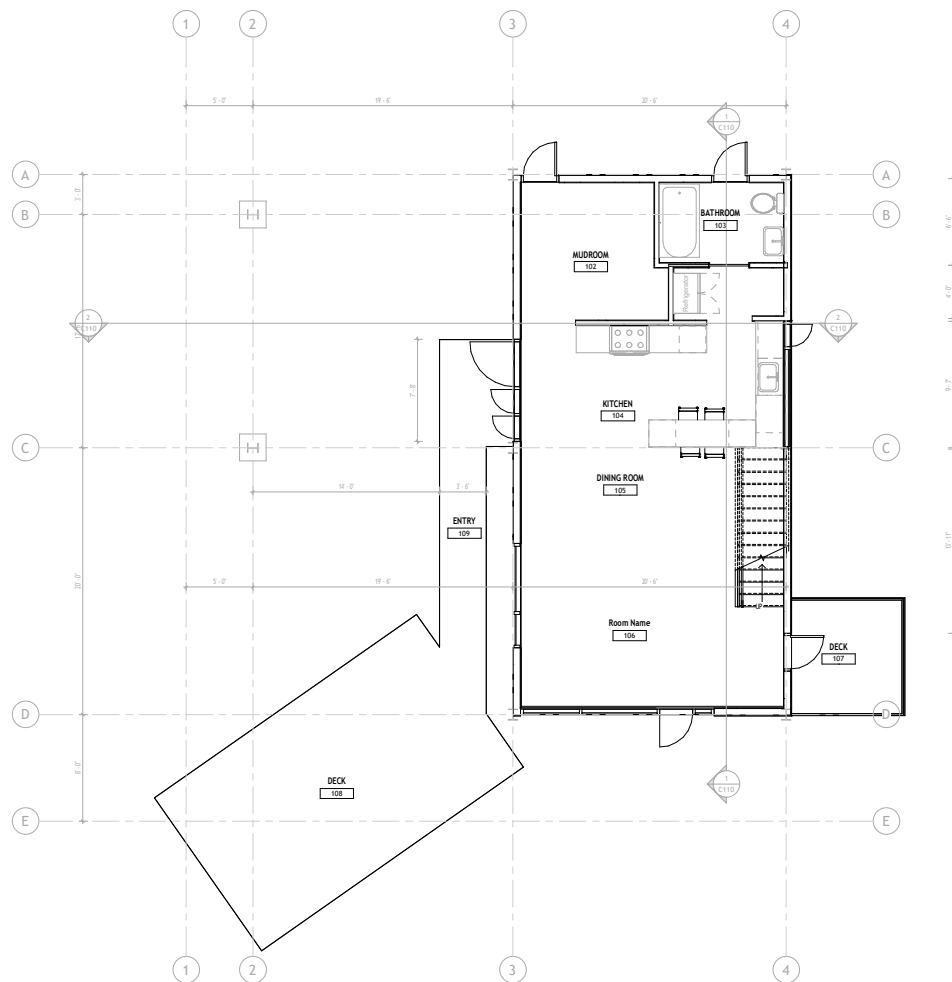
GOATBARN LANE HOUSE
BOULDER, COLORADO

FIRST FLOOR PLAN

DATE	REVISION	

C105

Project Status
50% DESIGN DEVELOPMENT
06.26.24



1 First Floor Architectural Plan
1/4" = 1'-0"

7

6

5

4

3

2

1

A



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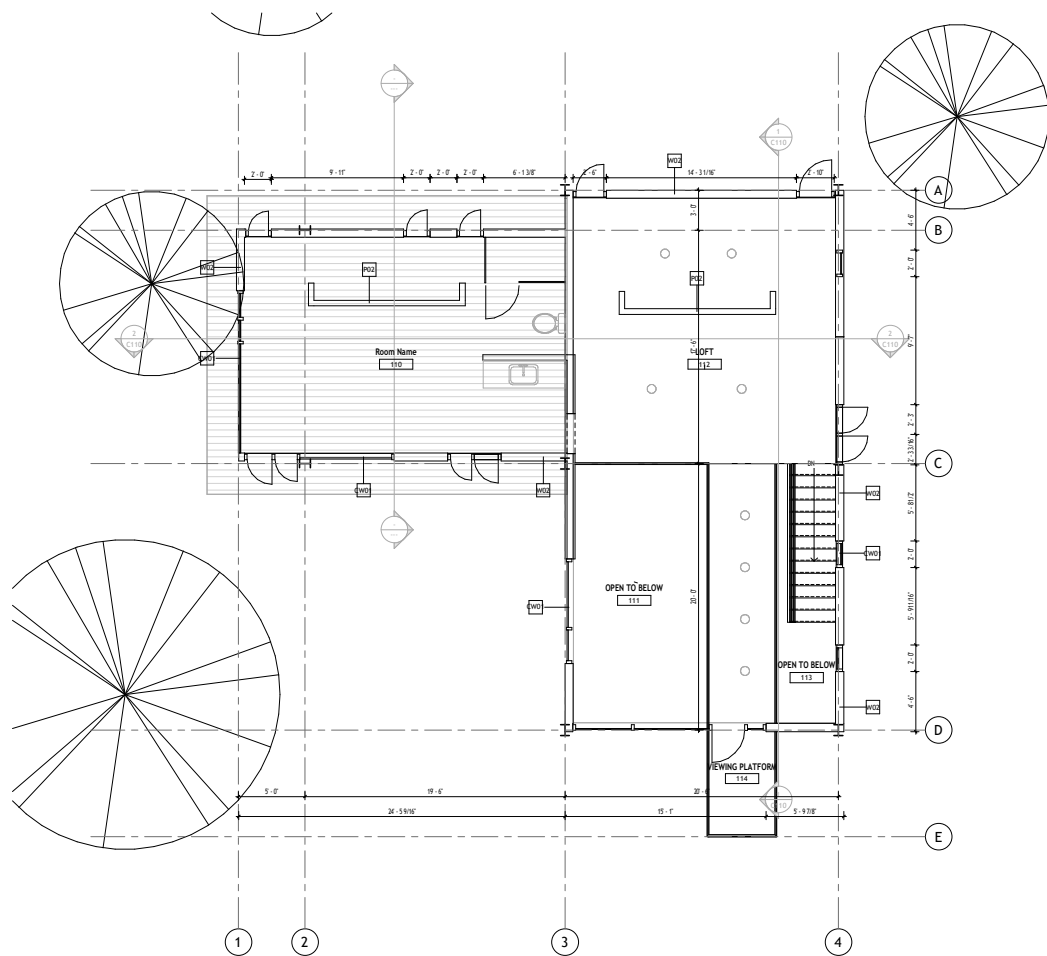
GOATBARN LANE HOUSE
BOULDER, COLORADO

SECOND FLOOR

DATE	REVISION	

C106

Project Status
50% DESIGN DEVELOPMENT
06.26.24



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



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Project Name

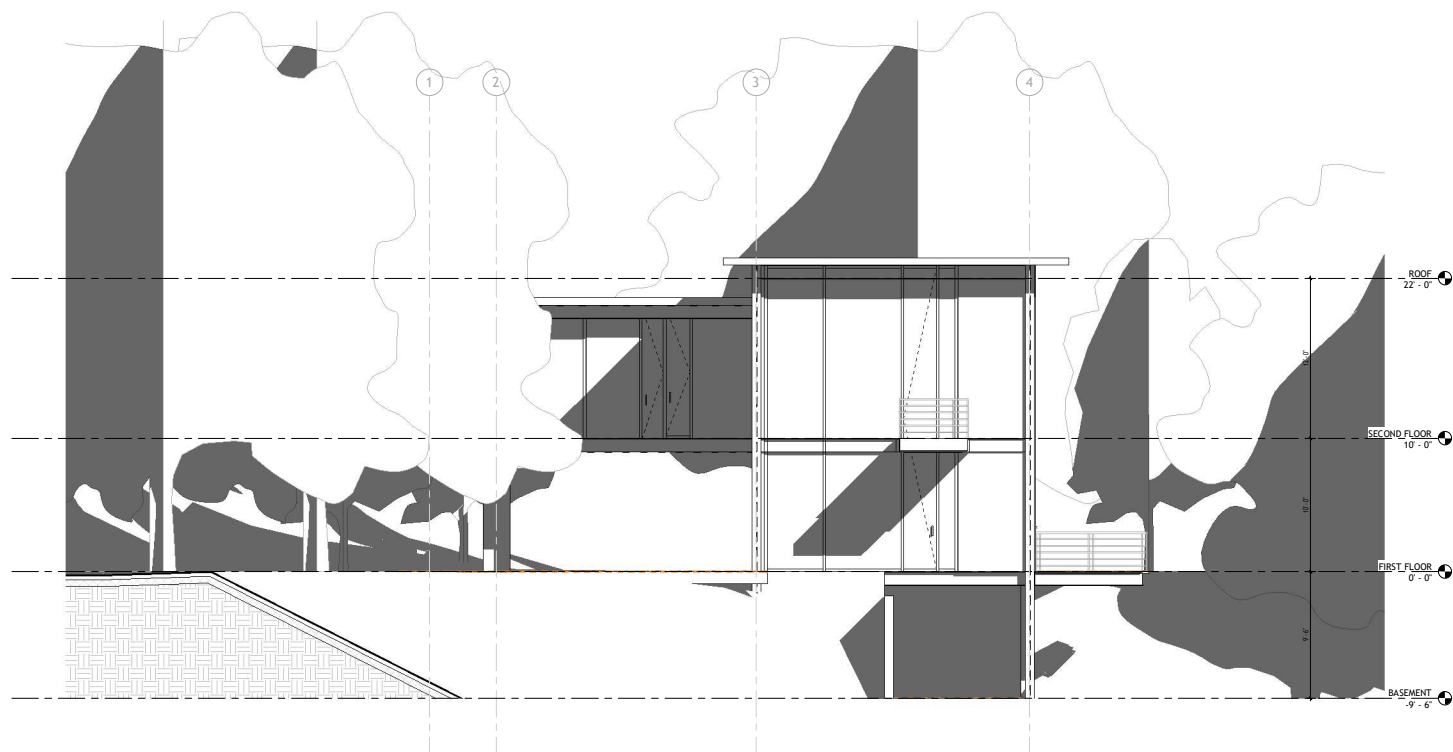
GOATBARN LANE HOUSE
BOULDER, COLORADO

SOUTH ELEVATION

DATE	REVISION	

C107

Project Status
50% DESIGN DEVELOPMENT
06.26.24



① SOUTH ELEVATION
1/4" = 1'-0"

7

6

5

4

3

2

1

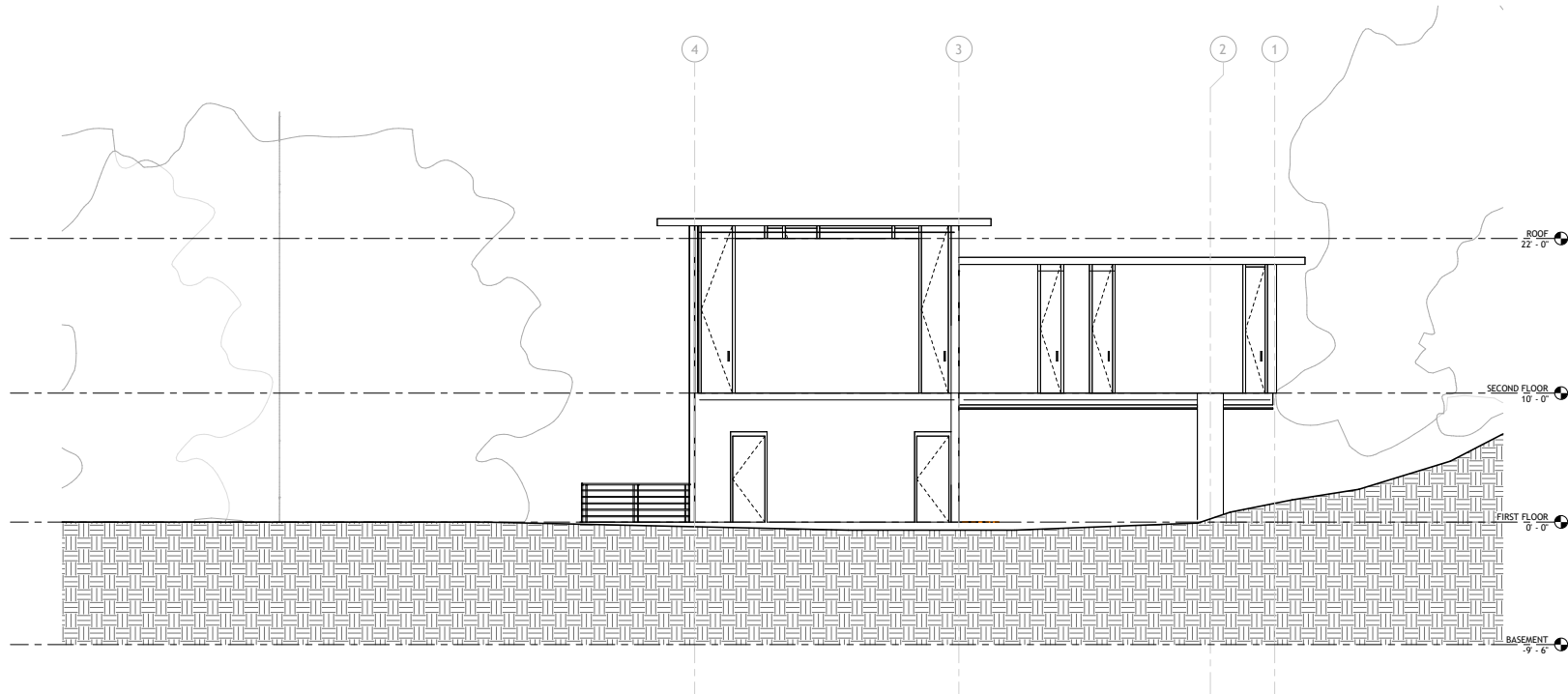


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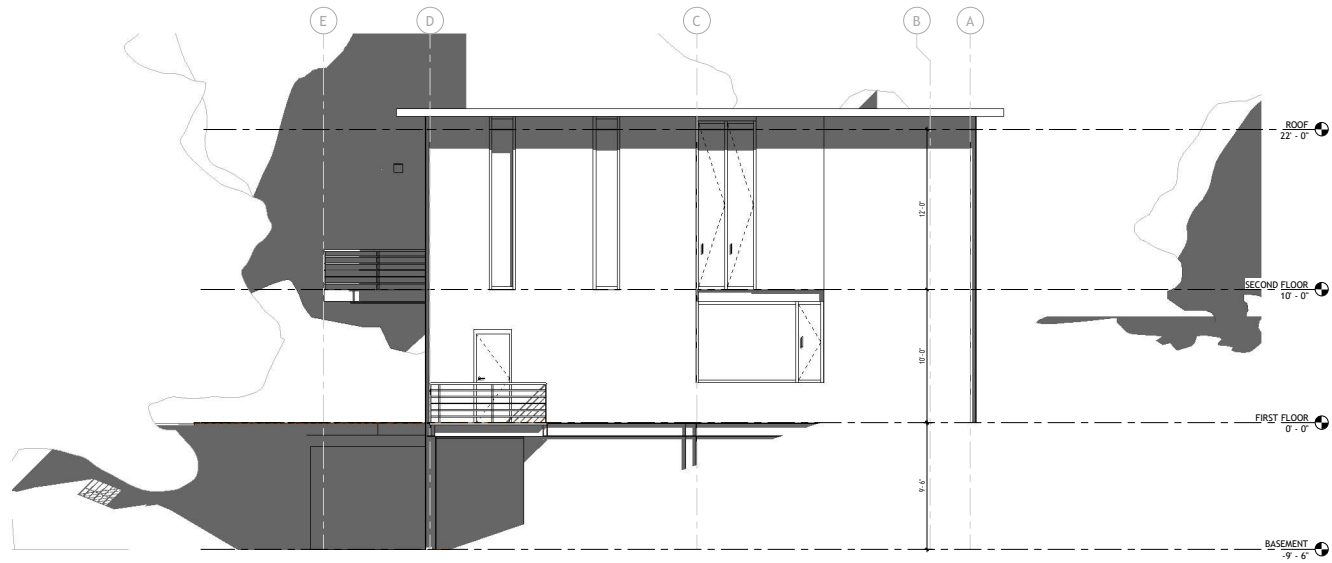
Project Name
GOATBARN LANE HOUSE
BOULDER, COLORADO
NORTH ELEVATION

DATE	REVISION	

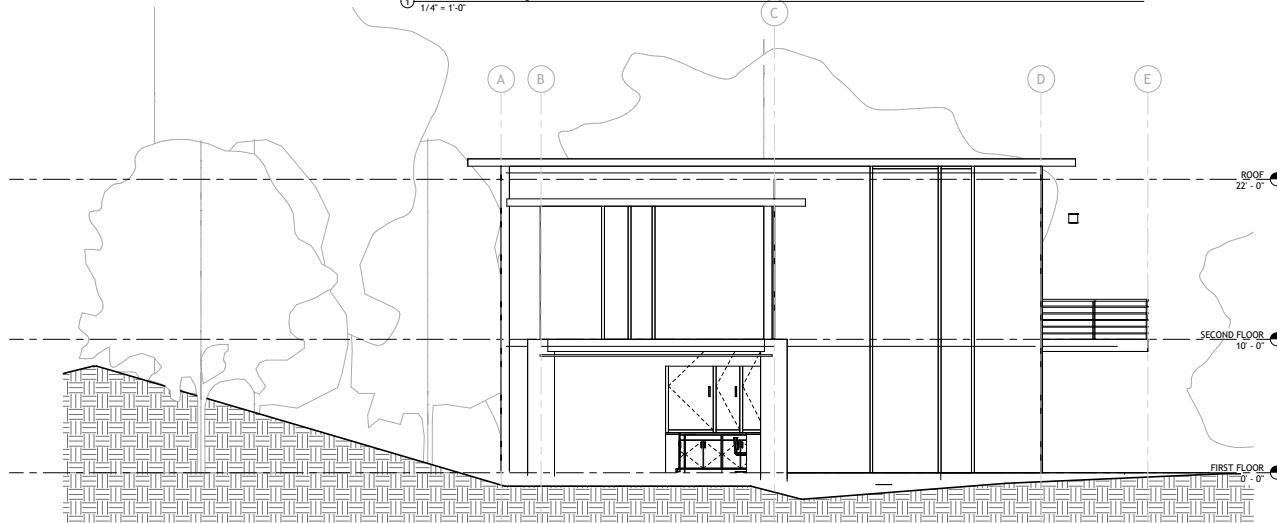
C108
Project Status
50% DESIGN DEVELOPMENT
06.26.24



① North Architectural Building Elevation
1/4" = 1'-0"



① East Architectural Building Elevation
1/4" = 1'-0"



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



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Project Name

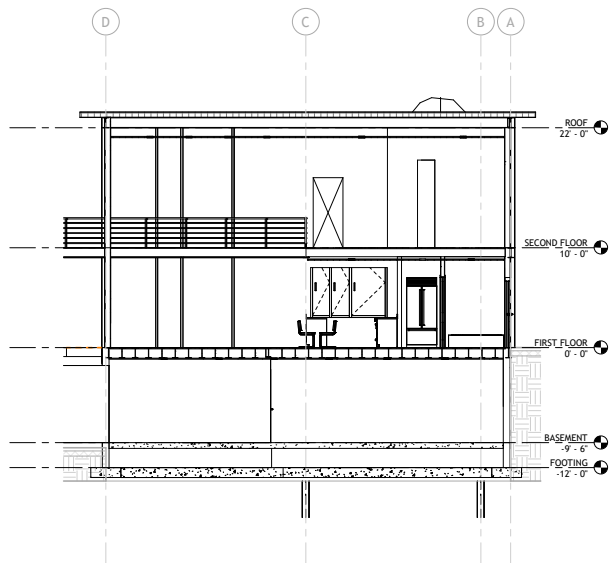
GOATBARN LANE HOUSE
BOULDER, COLORADO

EAST & WEST
ELEVATION

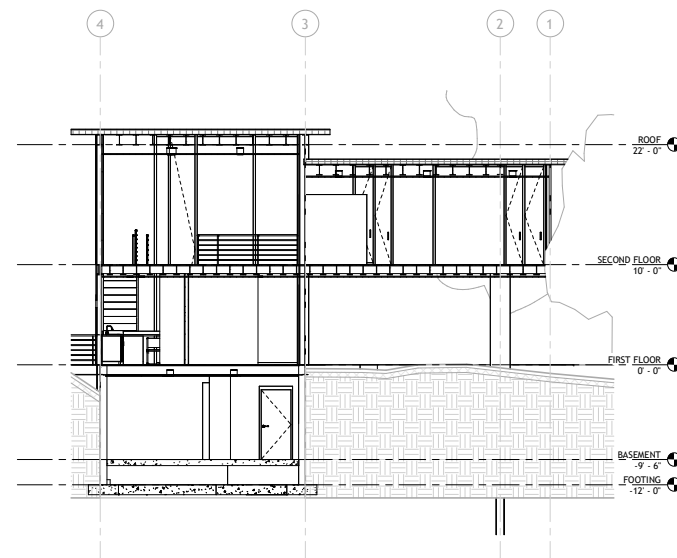
DATE	REVISION	

C109

Project Status
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06.26.24



SECTION-1
3/16" = 1'-0"



Section 2
3/16" = 1'-0"



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Project Name

GOATBARN LANE HOUSE
BOULDER, COLORADO

SECTIONS

DATE	REVISION	

C110

Project Status
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06.26.24



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Project Name

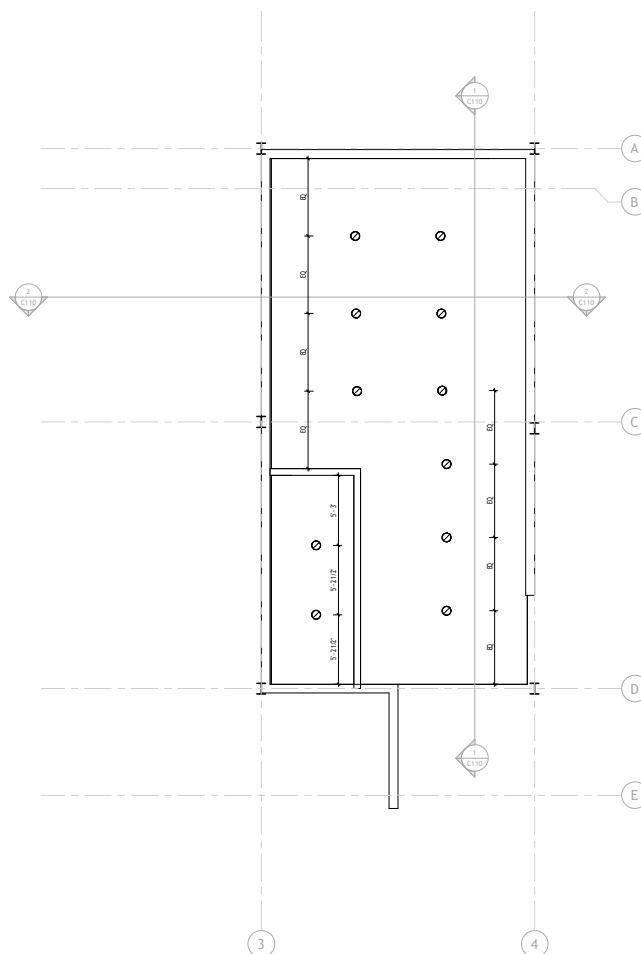
GOATBARN LANE HOUSE
BOULDER, COLORADO

BASEMENT
CEILING PLAN

DATE	REVISION	

C111

Project Status
50% DESIGN DEVELOPMENT
06.26.24



1 BASEMENT
1/4" = 1'-0"



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Project Name

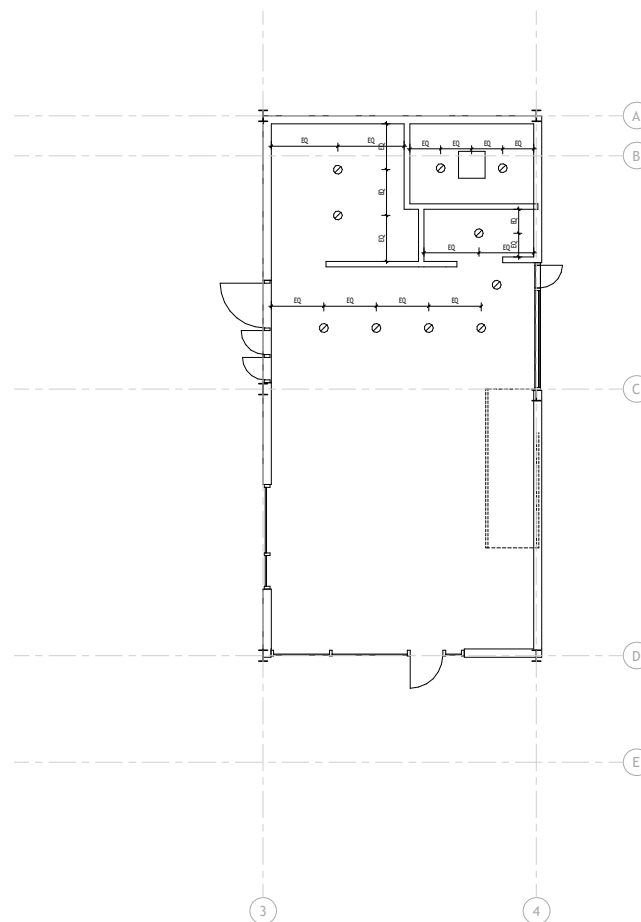
GOATBARN LANE HOUSE
BOULDER, COLORADO

FIRST FLOOR
CEILING PLAN

DATE	REVISION	

C112

Project Status
50% DESIGN DEVELOPMENT
06.26.24



① FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"



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Project Name

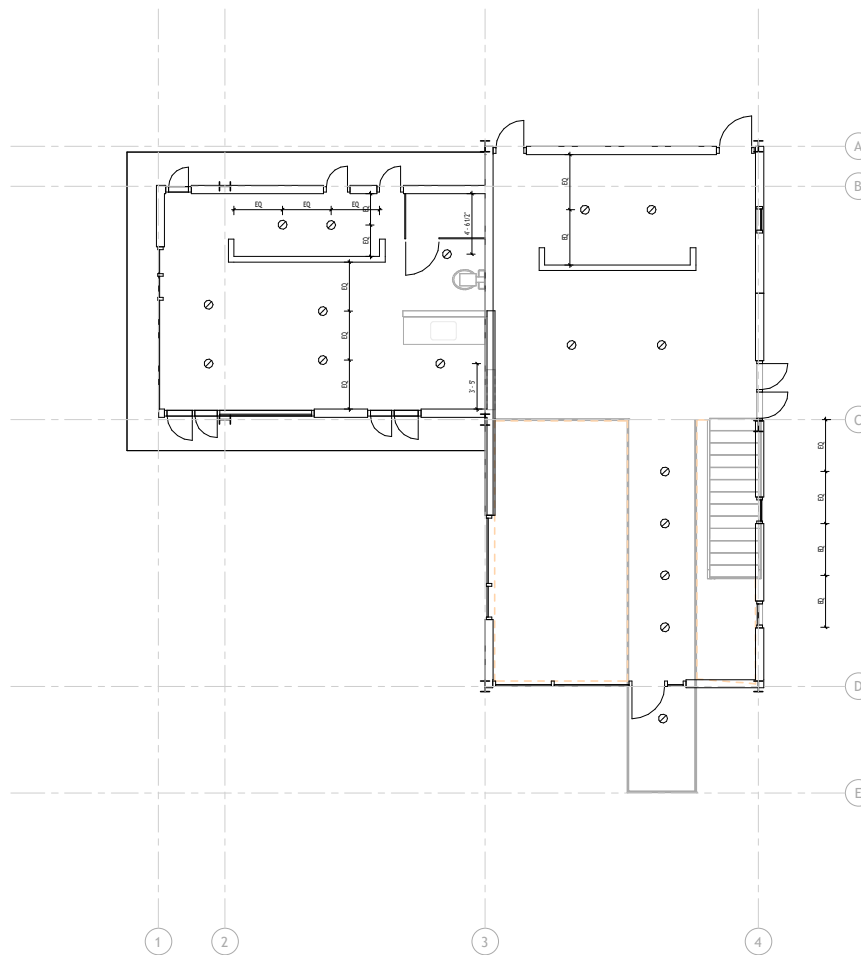
GOATBARN LANE HOUSE
BOULDER, COLORADO

SECOND FLOOR
REFLECTED
CEILING PLAN

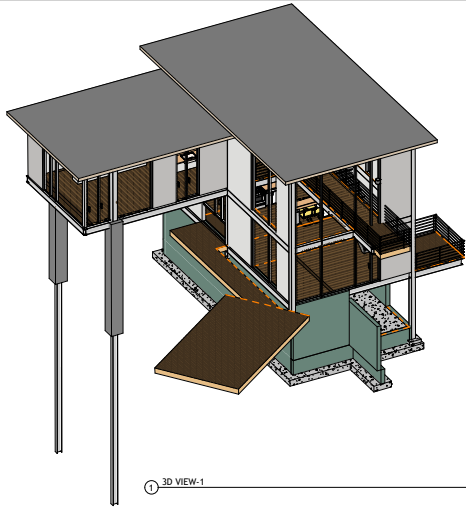
DATE	REVISION	

C113

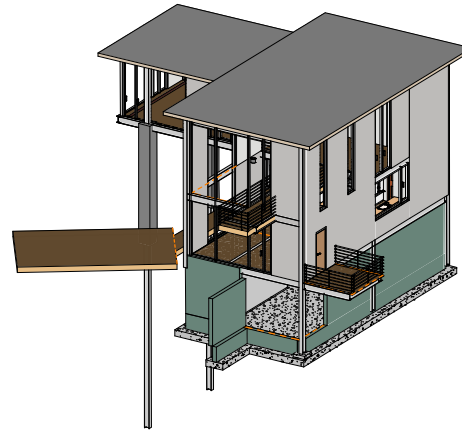
Project Status
50% DESIGN DEVELOPMENT
06.26.24



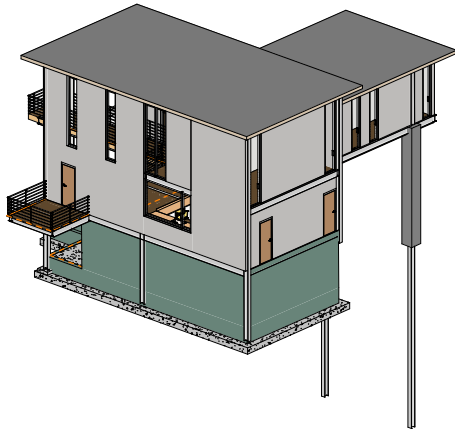
① SECOND FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"



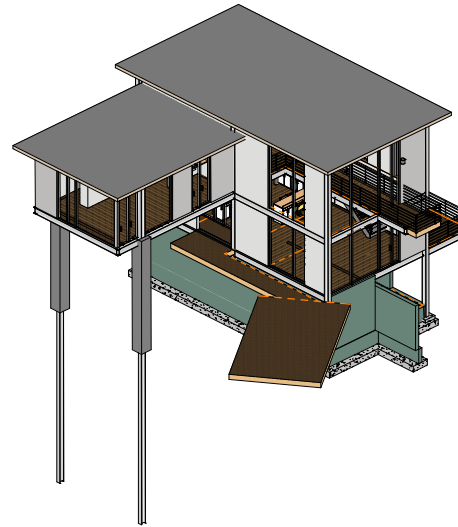
① 3D VIEW-1



② 3D VIEW-2



③ 3D VIEW-3



④ 3D VIEW-4



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Project Name

GOATBARN LANE HOUSE
BOULDER, COLORADO

3D VIEWS

DATE	REVISION	

C114

Project Status
50% DESIGN DEVELOPMENT
06.26.24



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Project Name

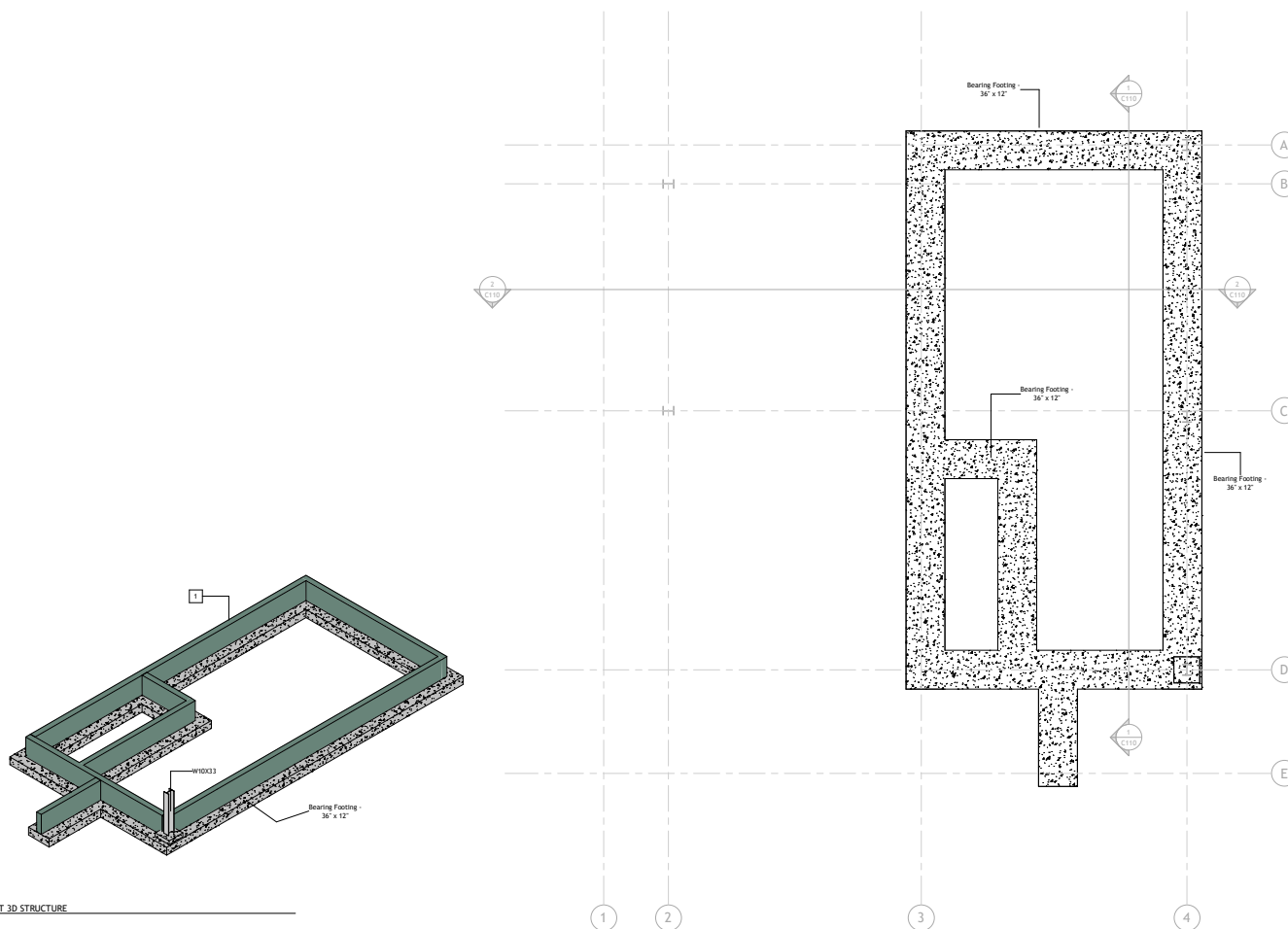
GOATBARN LANE HOUSE
BOULDER, COLORADO

BASEMENT
FOUNDATION PLAN

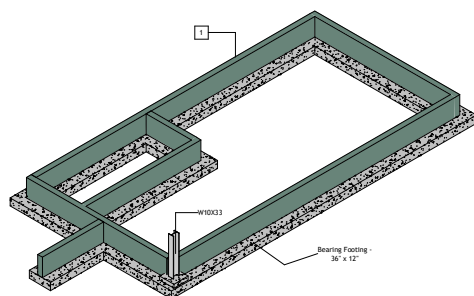
DATE	REVISION	

C115

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06.26.24



1 BASEMENT 3D STRUCTURE





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Project Name

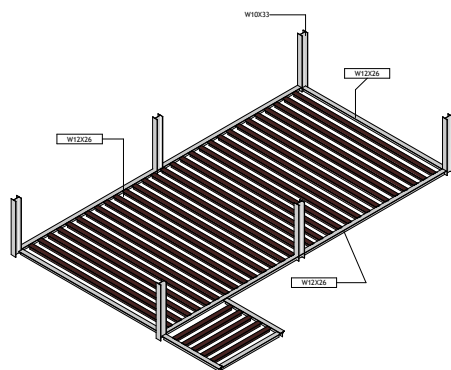
GOATBARN LANE HOUSE
BOULDER, COLORADO

FIRST FLOOR
STRUCTURE

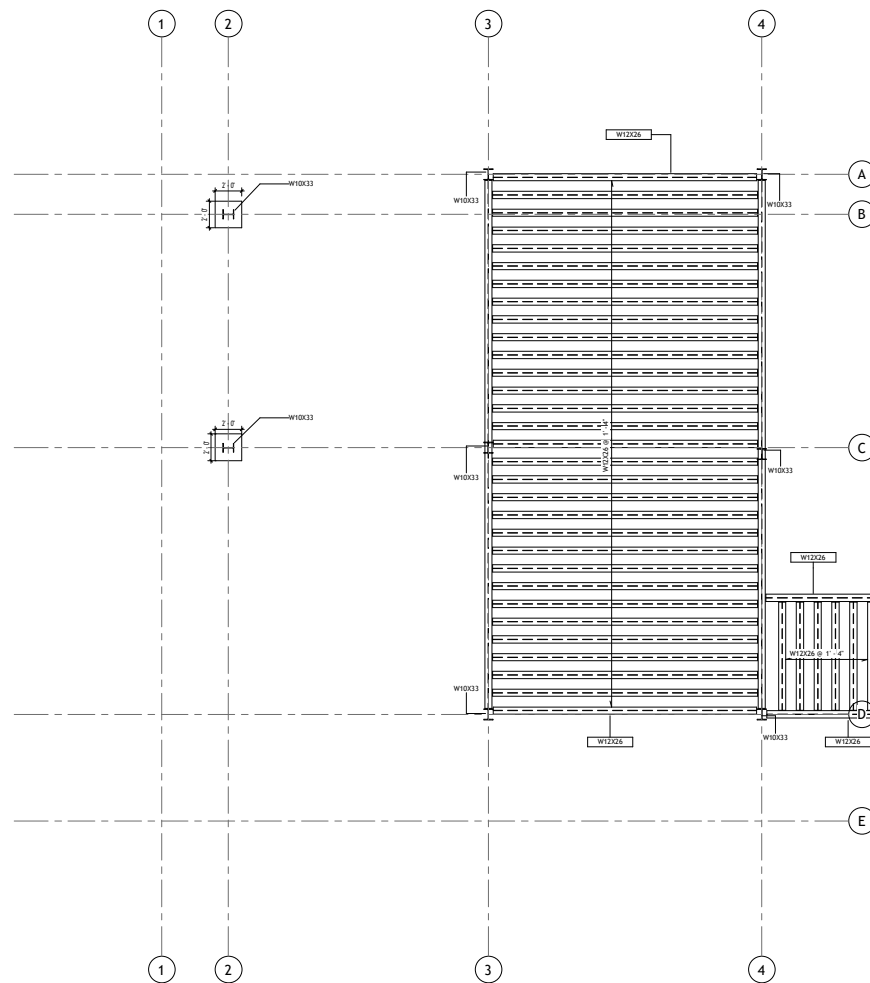
DATE	REVISION	

C116

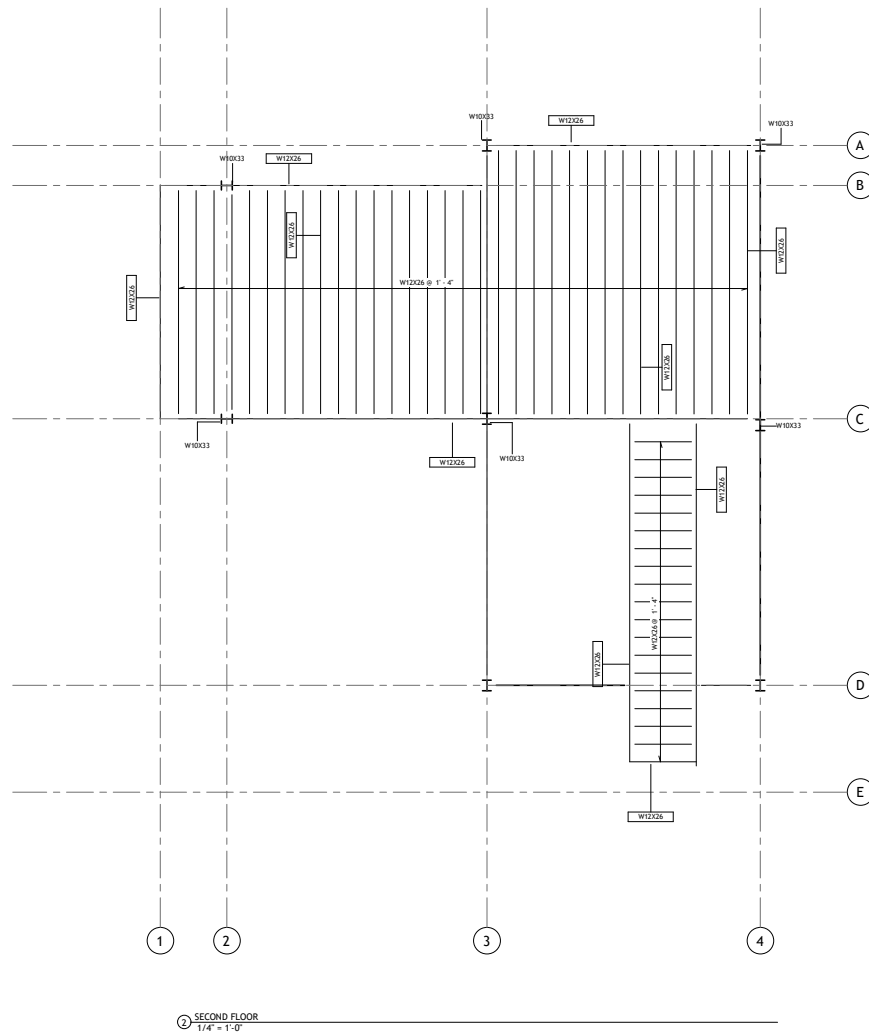
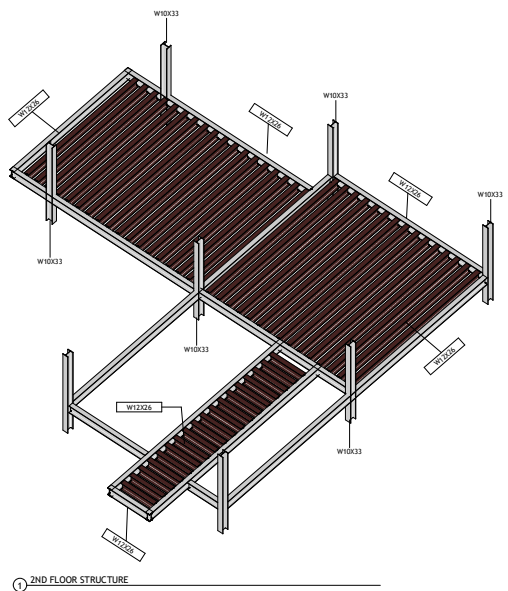
Project Status
50% DESIGN DEVELOPMENT
06.26.24



② FIRST FLOOR STRUCTURE



① FIRST FLOOR FRAMING PLAN
1/4" = 1'-0"



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Project Name

GOATBARN LANE HOUSE
BOULDER, COLORADO

SECOND FLOOR
STRUCTURE

DATE	REVISION	

C117

Project Status
50% DESIGN DEVELOPMENT
08.26.24



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Project Name

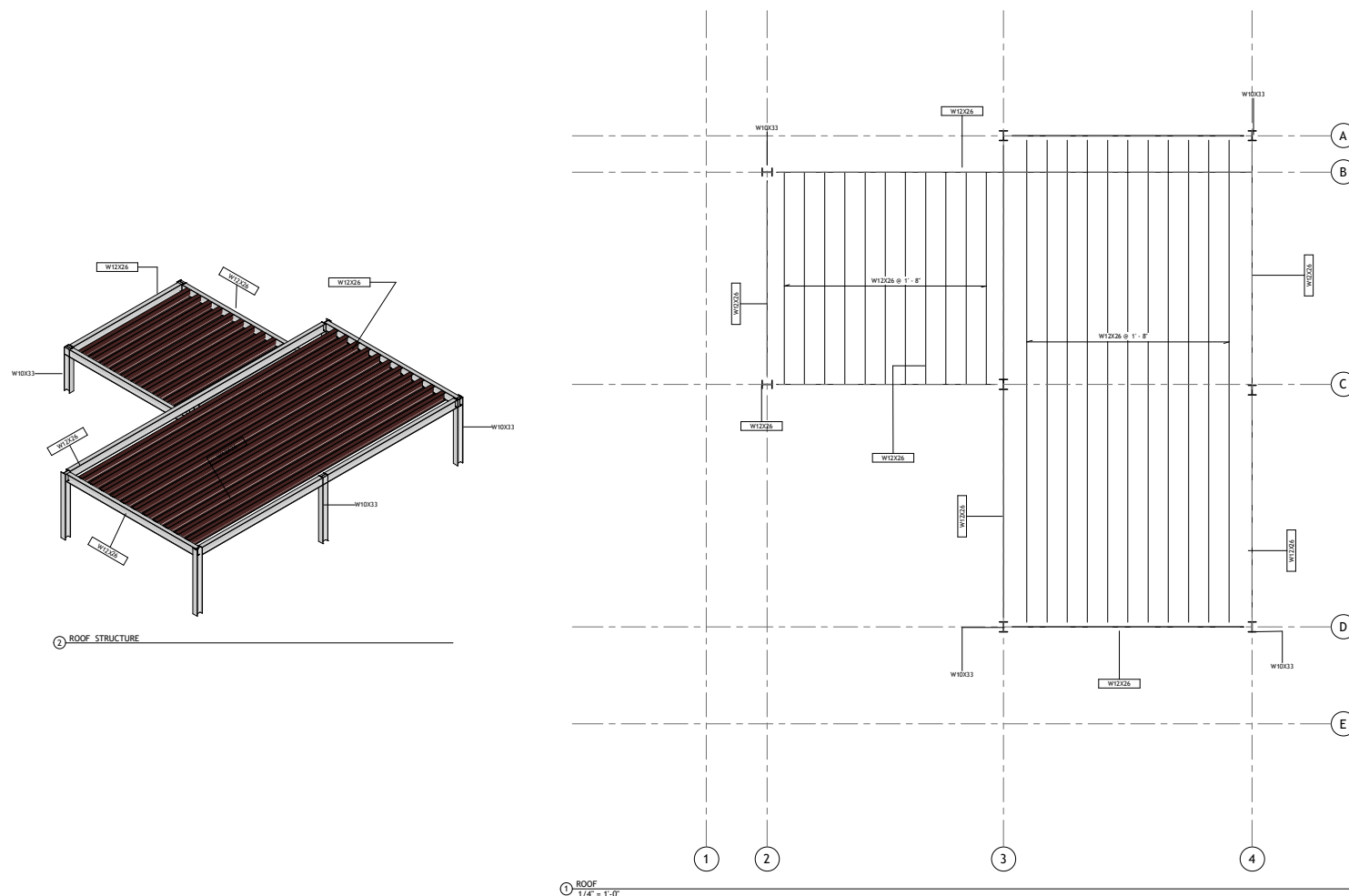
GOATBARN LANE HOUSE
BOULDER, COLORADO

ROOF STRUCTURE

DATE	REVISION	

C118

Project Status
50% DESIGN DEVELOPMENT
06.26.24



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

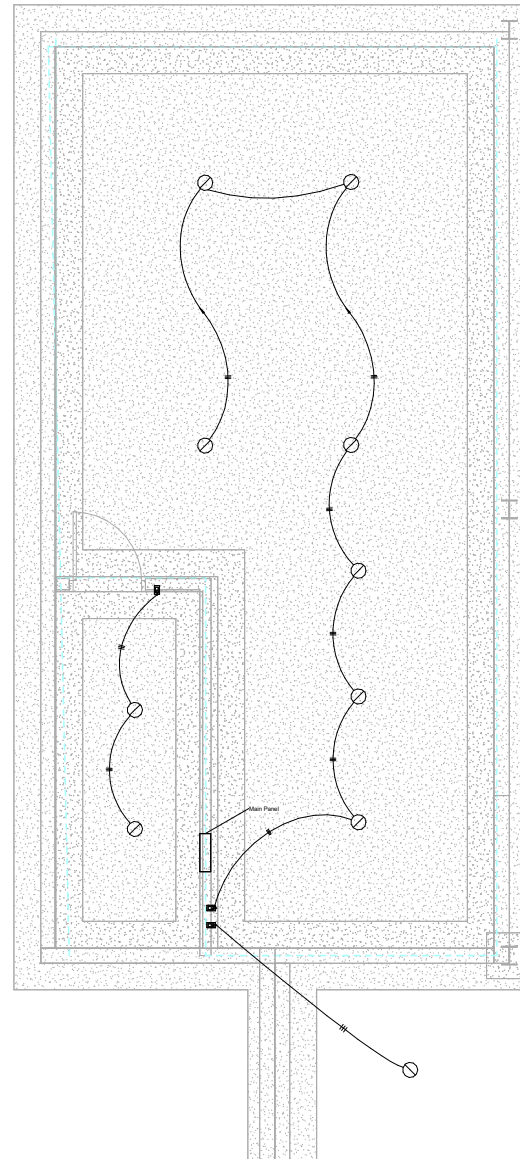


1. 2023 National Electrical Code (NEC): Adopted by the State of Colorado and enforced by the City of Boulder as of August 1, 2023, this code serves as the foundational standard for electrical installations.

11

4. City of Boulder Contractor Licensing Requirements: All electrical work will be performed by contractors registered with the City of Boulder, ensuring compliance with local licensing regulations and adherence to the supervision ratios mandated by state statutes.

By integrating these updated codes and standards, this Electrical Lighting Plan ensures compliance with all relevant regulations in Boulder, Colorado, thereby promoting safety, reliability, and energy efficiency.



① 0 - Lighting
1/2" = 1'-0"

ELECTRICAL LEGEND

- | | |
|---|-----------------------------|
|  | 20W CEILING MOUNT LED LIGHT |
|  | 20W HANGING LED LIGHT |
|  | SMOKE DETECTOR |
|  | 20W LED TUBE LIGHT 1ft |
|  | 40W LED LIGHT 2ft |
|  | ONE WAY SWITCH 220V |
|  | MULTI SOCKET OUTLET 220V |
|  | 10W WALL MOUNTED LED LIGHT |
|  | 60W CEILING FAN 220V |
|  | SUB DISTRIBUTION BOARD |
|  | MAIN DISTRIBUTION BOARD |
|  | 40W BATHROOM EXHAUST FAN |
|  | CALLING BELL |

○ Electrical Legends
1/4" = 1'-0"



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Consultant Address	Ditchamol OFFICE 24A 182-184 HIGH STREET NORTH AREA 1/1, EAST HAM LONDON UNITED KINGDOM E6 2JA
Email	support@engteam.com
Phone	
Website	www.engteam.com

[illegible]

Owner

Goatbarn Lane, Boulder, Colorado
80302

Basement Electrical Lighting Plan

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

E. 1

Scale	As indicated
-------	--------------

3/10/2025 4:18:03 PM

This Electrical Lighting Layout Plan for 20700 N. Main St, Unit 104, Cornelius, NC 28031, has been developed in strict adherence to the following current codes and regulations:

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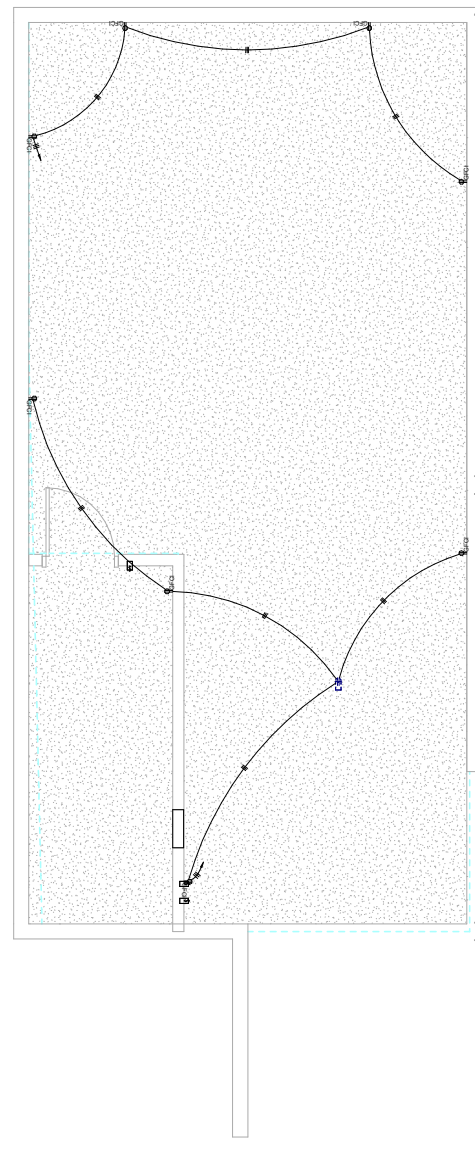
- This

-

- and
-
- code

tical

① 0- Power BASEMENT
1/2" = 1'-0"



ELECTRICAL LEGEND	
	20W CEILING MOUNT LED LIGHT
	20W HANGING LED LIGHT
	SMOKE DETECTOR
	20W LED TUBE LIGHT 1x4'
	40W LED LIGHT 2'x4'
	ONE WAY SWITCH 200V
	MULTI SOCKET OUTLET 200V
	10W WALL MOUNTED LED LIGHT
	60W CEILING FAN 220V
	SUB DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	40W BATHROOM EXHAUST FAN
	CALLING BELL

Electrical Legend
1/4" = 1'-0"



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Email	support@engrteam.com
Phone	
Website	www.engrteam.com

[illegible]

Owner

Goatbarn Lane, Boulder, Colorado
80302

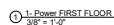
Basement Electrical Power Plan

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

E. 4

Scale	As indicated
-------	--------------

3/10/2025 4:18:07 PM



	20W CEILING MOUNT LED LIGHT
	20W HANGING LED LIGHT
	SMOKE DETECTOR
	20W LED TUBELIGHT 1x4'
	40W LED LIGHT 2'x4'
	ONE WAY SWITCH 220V
	MULTI SOCKETS OUTLET 220V
	10W WALL MOUNTED LED LIGHT
	60W CEILING FAN 220V
	SUB DISTRIBUTION BOARD
	MAIN DISTRIBUTION BOARD
	40W BATHROOM EXHAUST FAN
	CALLING BELL

○ Electrical Legends
1/4" = 1'-0"



Consultant Address	Ditchamol OFFICE 24A 182-184 HIGH STREET NORTH AREA 1/1, EAST HAM LONDON UNITED KINGDOM E6 2JA
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Phone	
Website	www.engrteam.com

[illegible]

Goatbarn Lane, Boulder, Colorado
80302

First Floor Electrical Power Plan

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

E. 5

Scale	As indicated
-------	--------------



○ Electrical Legends
1/4" = 1'-0"



3/10/2025 4:18:10 PM



Consultant Address Ditchamol
OFFICE 24A, 182-184
HIGH STREET NORTH
AREA 1/1, EAST HAM
LONDON
UNITED KINGDOM E6 2JA

Email support@engfteam.com

Phone

Website www.engfteam.com

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MCCB
Tree Phase

M - PANEL
120V/208V
TREE PHASE
4W

○ Single Line Diagram
 $1/2^{\circ} = 1.0^{\circ}$

[illegible]

Owner

Goatbarn Lane, Boulder, Colorado
80302

Electrical Load Schedule Plan & SLD

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

E. 7

Scale $1/2" = 1'-0"$

This Electrical Lighting Layout Plan for 20700 N. Main St, Unit 104, Cornelius, NC 28031, has been developed in strict adherence to the following current codes and regulations:

2. 2018 North Carolina State Building Code:
Based on the 2015 International Building Code (IBC), this code has been effective since January 1, 2019, and continues to be in force until June 30, 2025.

H

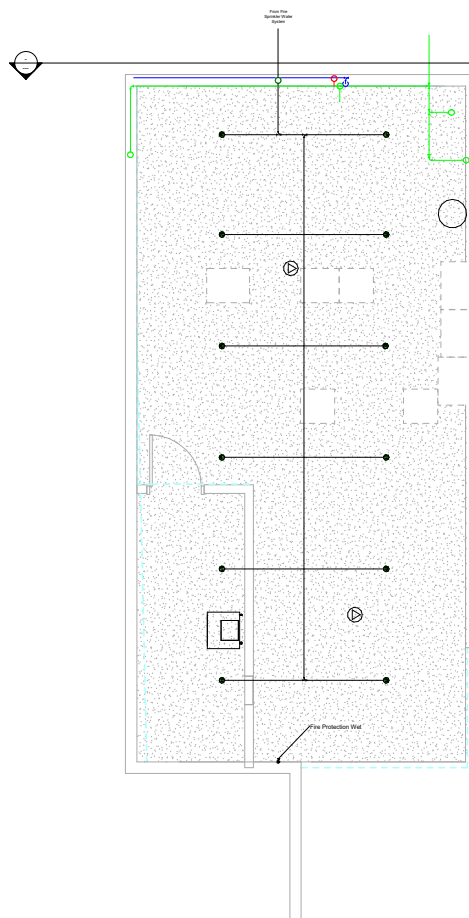
5. 2018 North Carolina State Existing Building Code: Effective since January 1, 2019, this code provides regulations for existing buildings and continues to be in force until June 30, 2025.

 y_H

8. 2018 North Carolina State Fuel Gas Code: This code, effective since January 1, 2019, governs the installation of fuel gas systems and will remain in force until June 30, 2025.

10. 2018 North Carolina Administrative Code and Policies: Effective since January 1, 2019, this code outlines administrative provisions and policies and continues to be in effect until June 30, 2025.

These codes collectively ensure that the electrical design meets all safety, functionality, and compliance standards as mandated by the state of North Carolina.



FIRE PROTECTION LEGENDS	
SYMBOLS	DESCRIPTION
	SMOKE DETECTOR
	SOUNDER
	MANUAL CALL POINT
	HEAT DETECTOR
	FIRE ALARM CONTROL PANEL
	WHITE LED EXIT & EMERGENCY LIGHT
	FIRE EXTINGUISHERS
	FIRE SPRINKLER

○ Fire Protection Legend
1/4" = 1'-0"



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[illegible]

Owner

Goatbarn Lane, Boulder, Colorado
80302

Basement Fire Protection Plan

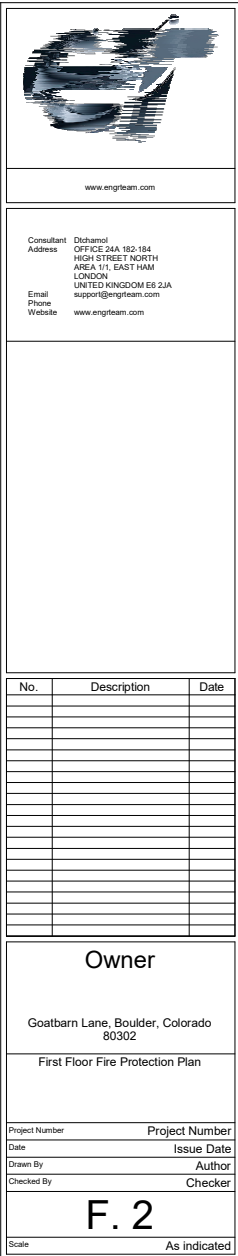
Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

F. 1

Scale	As indicated
-------	--------------

3/10/2025 4:18:12 PM

① 0- Fire Protection BASEMENT
3/8" = 1'-0"



3/10/2025 4:18:13 PM



○ Fire Protection Legend
1/4" = 1'-0"



Scale	As indicated
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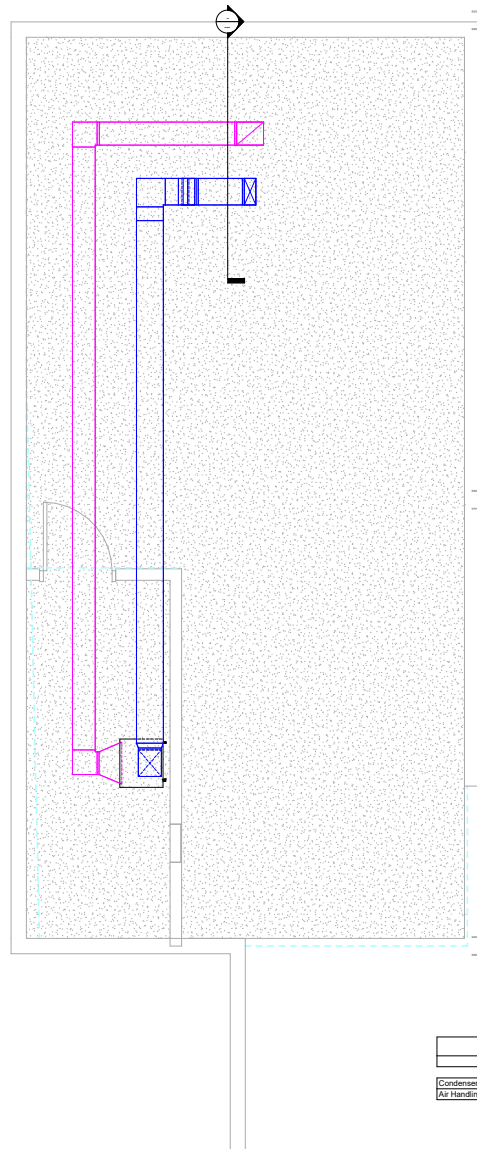
3/10/2025 4:18:14 PM

This HVAC layout plan has been designed in strict adherence to the latest codes and regulations applicable to Goatbarn Lane, Boulder, Colorado 80302. The following standards have been incorporated:

- 

By integrating these standards, this HVAC plan ensures compliance with all relevant local and state regulations, promoting safety, efficiency, and sustainability.

○ Exhaust Fan Schedule
1/4" = 1'-0"



① 0- Mech BASEMENT
1/2" = 1'-0"

 Air Supply Diffuser
 Air Return Diffuser
 Air Exhaust Grill
 Air Handling Unit
 HVAC Legend



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Owner

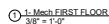
Goatbarn Lane, Boulder, Colorado
80302

Basement HVAC Layout Plan

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

H. 1

Scale	As indicated
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 Air Supply Diffuser
 Air Return Diffuser
 Air Exhaust Grill
 Air Handling Unit
 HVAC Legend



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Goatbarn Lane, Boulder, Colorado
80302

First Floor HVAC Layout Plan

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

H. 2

Scale	As indicated
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[illegible][illegible]

Owner

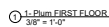
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80302

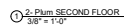
HVAC Installation

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

H. 4

Scale $1/4" = 1'-0"$





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Owner

Goatbarn Lane, Boulder, Colorado
80302

Second Floor Plumbing Plan

P. 2

Scale $3/8" = 1'-0"$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible]

Owner

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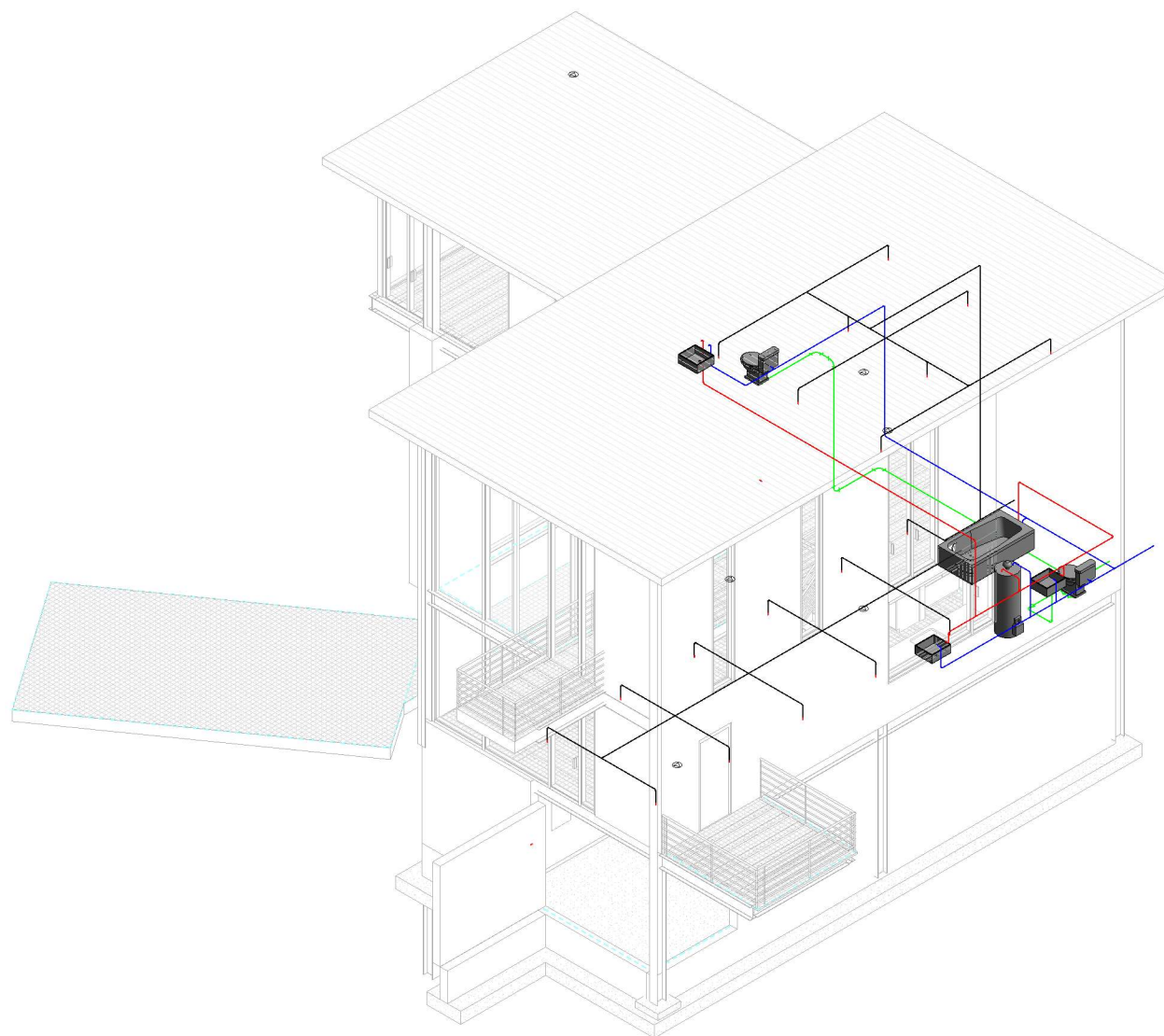
3D Plumbing Plan

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

P. 3

Scale

r		
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① 3D Plumbing



Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)

 support@engrteam.com

 <https://engrteam.com>

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