

# W O O D H E N G E

## COMMUNITY FORGE PORCH ADDITION

1 2 5 6 F R A N K L I N A V E N U E  
W I L K I N S B U R G , P A 1 5 2 2 1

## DESIGN BUILD STUDIO

CARNEGIE MELLON UNIVERSITY  
SCHOOL OF ARCHITECTURE  
5000 FORBES AVENUE  
PITTSBURGH, PA 15213

K Y L E B A N C R O F T  
T A K U M I J O R D A N D A V I S  
T A Y L O R L A T I M E R

D E C E M B E R 1 0 , 2 0 1 9  
F O R R E V I E W

**SHEET LIST:**

- G.00 TITLE PAGE
- L.01 SITE PLAN
- A1.01 GROUND FLOOR PLAN
- A1.02 DECK PLAN
- A1.03 ROOF PLAN
- A2.01 NORTH ELEVATION
- A2.02 WEST ELEVATION
- A3.01 SECTION 1
- A3.02 SECTION 2
- A3.03 SECTION 3
- A4.01 DETAILS
- A4.02 DETAILS
- A4.03 DETAILS
- A4.04 DETAILS
- S1.01 DECK FRAMING PLAN
- S1.02 ROOF FRAMING PLAN
- PR.01 PROTOTYPE TITLE PAGE
- PR.02 PROTOTYPE PERSPECTIVE
- PR.03 PROTOTYPE PLAN EN SITU
- PR.04 PROTOTYPE ELEVATIONS EN SITU
- PR.05 PROTOTYPE CUT SHEET
- PR.06 PROTOTYPE ASSEMBLY SEQUENCE

**ABBREVIATIONS:**

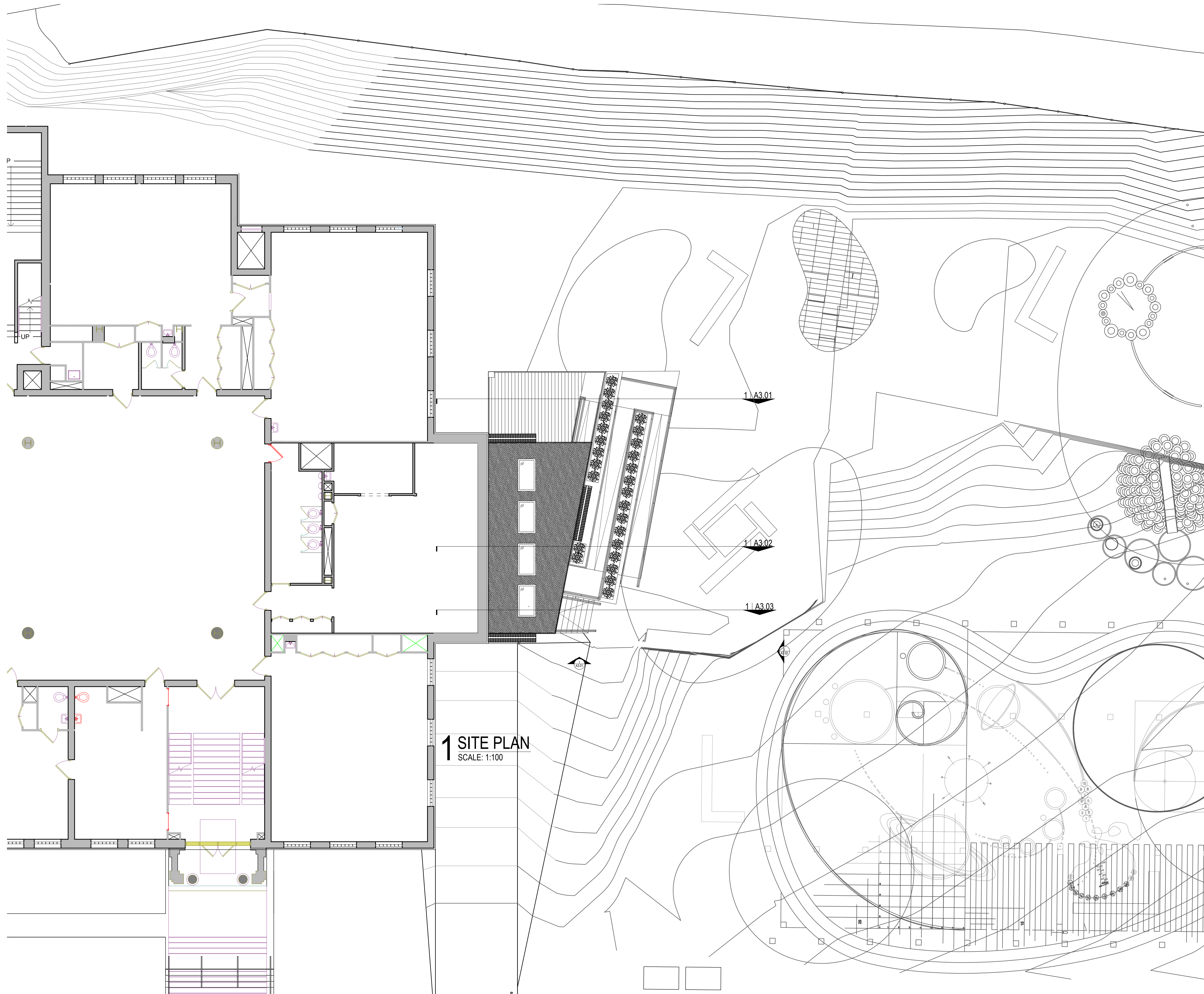
- ABV. = ABOVE
- B.O. = BOTTOM OF
- CL. = CENTER LINE
- CLR. = CLEARANCE
- COL. = COLUMN
- CONC. = CONCRETE
- DN. = DOWN
- EL. = ELEVATION
- EPMD = ETHYLENE PROPYLENE DIENE MONOMER
- EXT. = EXTERIOR
- FDTN. = FOUNDATION
- GA. = GAUGE
- GALV. = GALVANIZED
- INT. = INTERIOR
- LF. = LINEAR FEET
- LVL. = LAMINATED VENEER LUMBER
- MAX. = MAXIMUM
- MIN. = MIN. = MINIMUM
- NTS. = NOT TO SCALE
- O.C. = ON CENTER
- OPP. = OPPOSITE
- R.O. = ROUGH OPENING
- S.F. = SQUARE FEET
- T.O. = TOP OF
- TYP. = TYPICAL
- W/ = WITH
- " = INCHES
- ' = FEET
- # = NUMBER

**SYMBOLS:**

- ASSEMBLY DESIGNATION
- WALL TYPE TAG**
- NOTE DESIGNATION
- KEYNOTE TAG**
- SHEET  
DETAIL
- ELEVATION TAG**
- SHEET  
DETAIL
- BUILDING SECTION TAG**
- SHEET  
DETAIL
- WALL SECTION TAG**
- ROOM NAME  
SQUARE FOOTAGE  
ROOM NUMBER
- ROOM DESIGNATION TAG**
- DESIGNATOR
- WINDOW TYPE TAG**
- DESIGNATOR
- DOOR TYPE TAG**
- DETAIL  
SHEET
- DETAIL REFERENCE TAG**
- DESIGNATOR
- SPOT ELEVATION TAG**
- SLOPE DIRECTION  
DESIGNATOR
- SLOPE TAG**
- DESIGNATOR
- CENTERLINE TAG**
- MAIN ENTRANCE
- SECONDARY ENTRANCE
- COVERED SECONDARY  
ENTRANCE

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- LEGEND (NTS):**
- EXISTING BUILDING
  - CONC. PAVING
  - CLEAN CRUSHED STONE
  - GRAVEL BACKFILL
  - INFILL SOIL
  - CUT OR FILL SOIL
  - GRASS
  - SAND OR GRANULAR PAD
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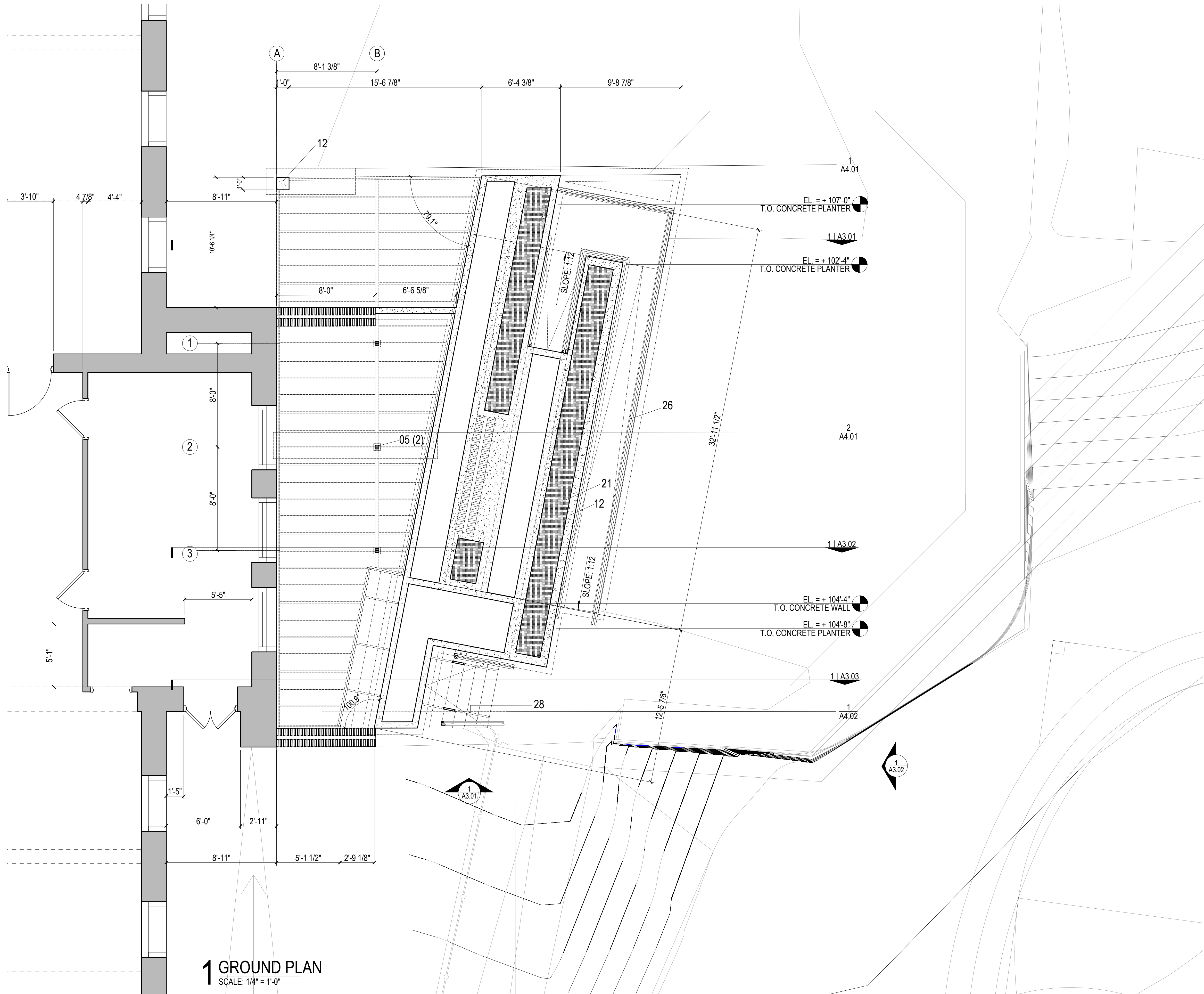
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  - 04 2" X 6" UNTREATED DIM. LUMBER
  - 05 2" X 4" UNTREATED DIM. LUMBER
  - 06 2" X 2" UNTREATED DIM. LUMBER
  - 07 EXISTING TRIPLE WITH BRICK WALL
  - 08 EXISTING WATER TABLE
  - 09 EXISTING GRADE
  - 10 1/2" ZINC THREADED ROD
  - 11 0.5" THK. LDPE SPACER
  - 12 CAST-IN-PLACE CONCRETE
  - 13 NO. 4 REINFORCEMENT
  - 14 METAL DECKING
  - 15 A36 STEEL ANGLE @ 1.5" X 1.5" X 12 GA.
  - 16 GRAVEL BACKFILL
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  - 18 EPDM ROOFING MEMBRANE
  - 19 3/4" THK. OSB PLYWOOD
  - 20 METAL FLASHING
  - 21 SOIL
  - 22 NATIVE PLANTLIFE
  - 23 SIMPSON STRONG-TIE GALV. 2x12 HANGER
  - 24 STAINLESS WOOD SCREW @ 2" LG.
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  - 35 7/16" DIAM. OPENING NUT
  - 36 INTERNAL STEEL CONNECTOR
  - 37 WINDOW ADJUSTMENT WHEEL

**WOODHENGE**  
 1256 FRANKLIN AVE.  
 WILKINSBURG, PA 15221

DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

**L.01**  
 SITE PLAN

DESIGN BUILD STUDIO  
 CARNEGIE MELLON UNIVERSITY  
 SCHOOL OF ARCHITECTURE  
 5000 FORBES AVENUE  
 PITTSBURGH, PA 15221-3



**1 GROUND PLAN**  
SCALE: 1/4" = 1'-0"

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**KEY NOTES:**

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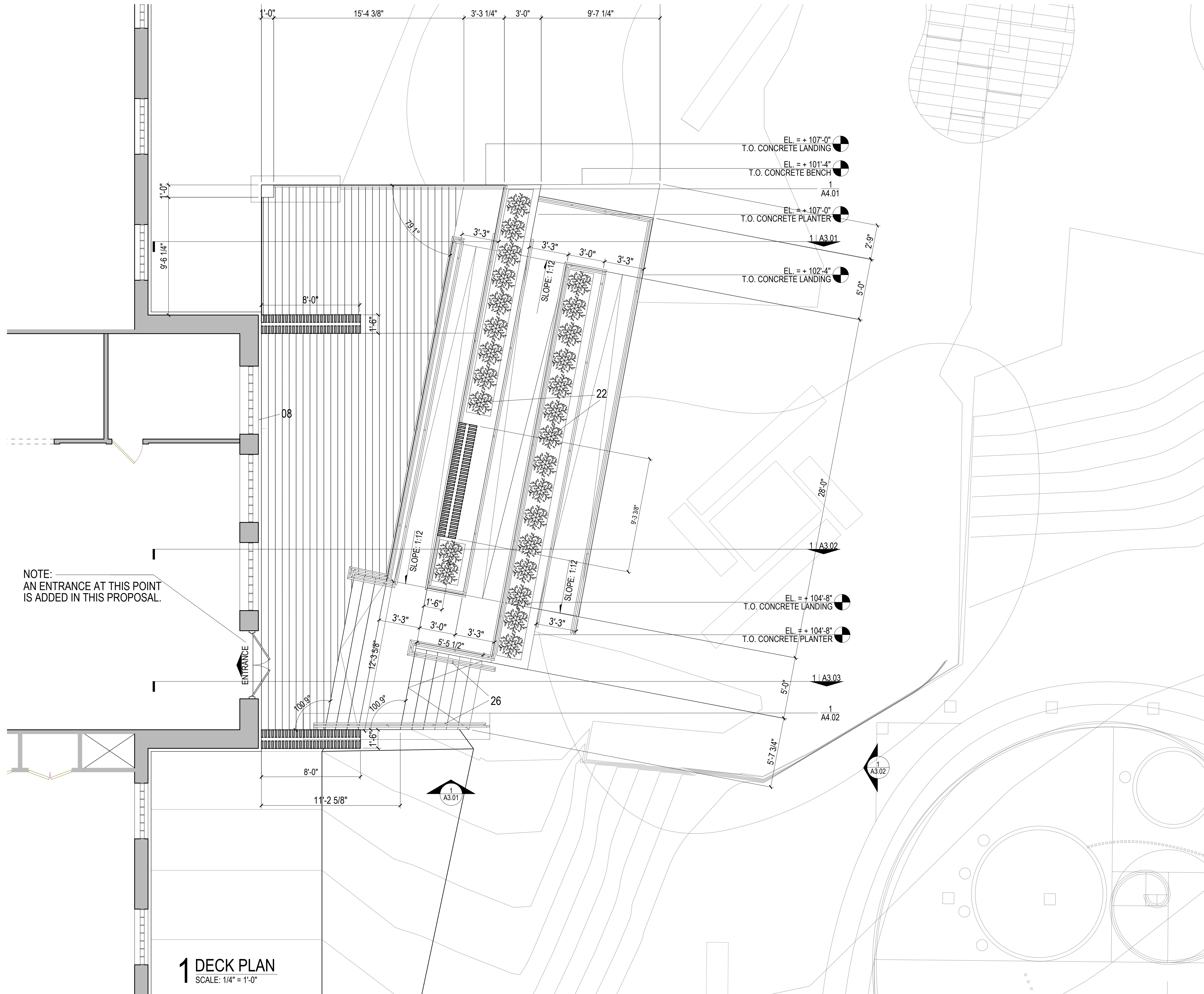
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1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

**A1.01**  
 GROUND FLOOR PLAN



NOTE:  
AN ENTRANCE AT THIS POINT  
IS ADDED IN THIS PROPOSAL.

**1 DECK PLAN**  
SCALE: 1/4" = 1'-0"

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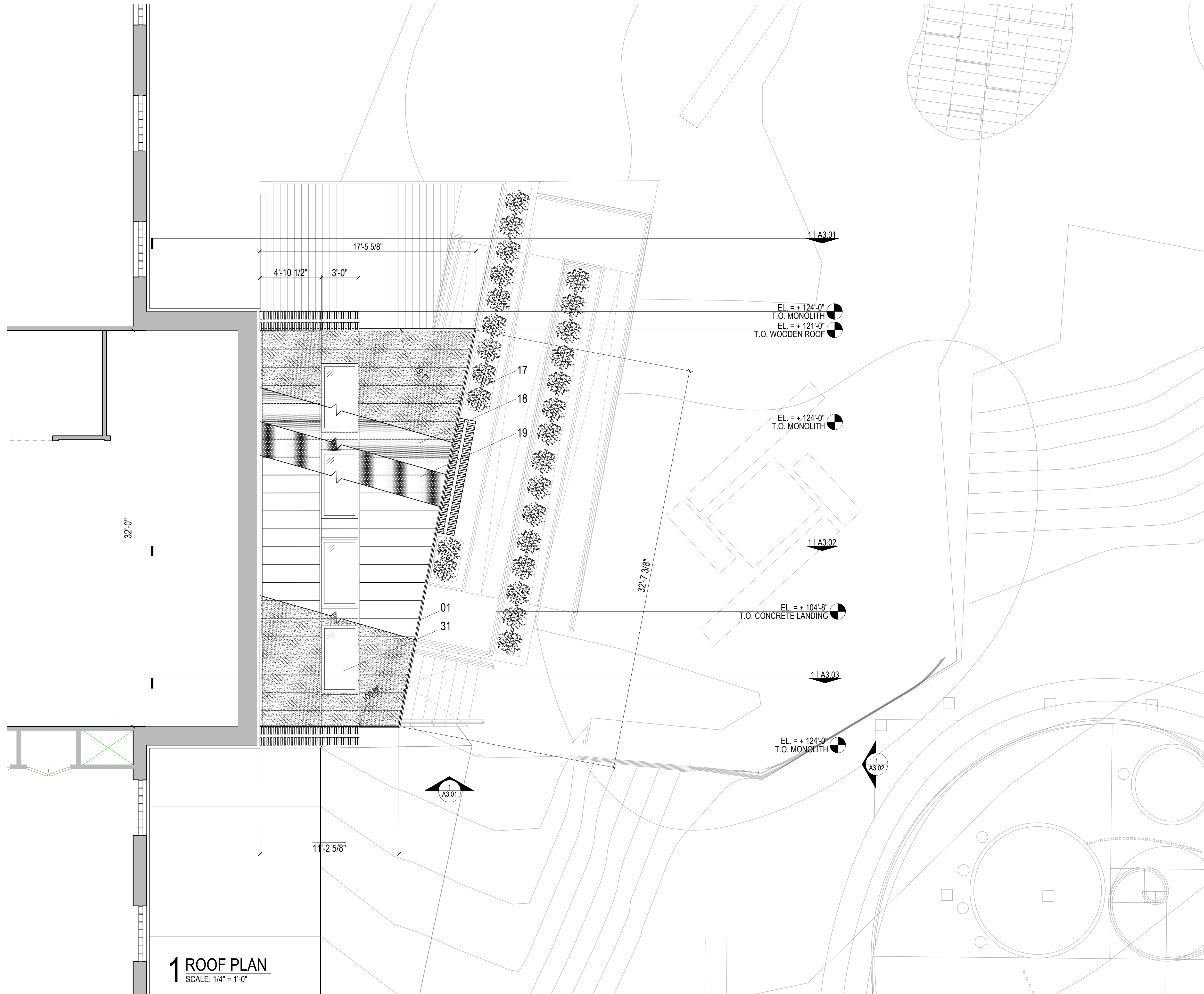
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1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
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**A1.02**  
 DECK FLOOR PLAN



**1 ROOF PLAN**  
SCALE: 1/4" = 1'-0"

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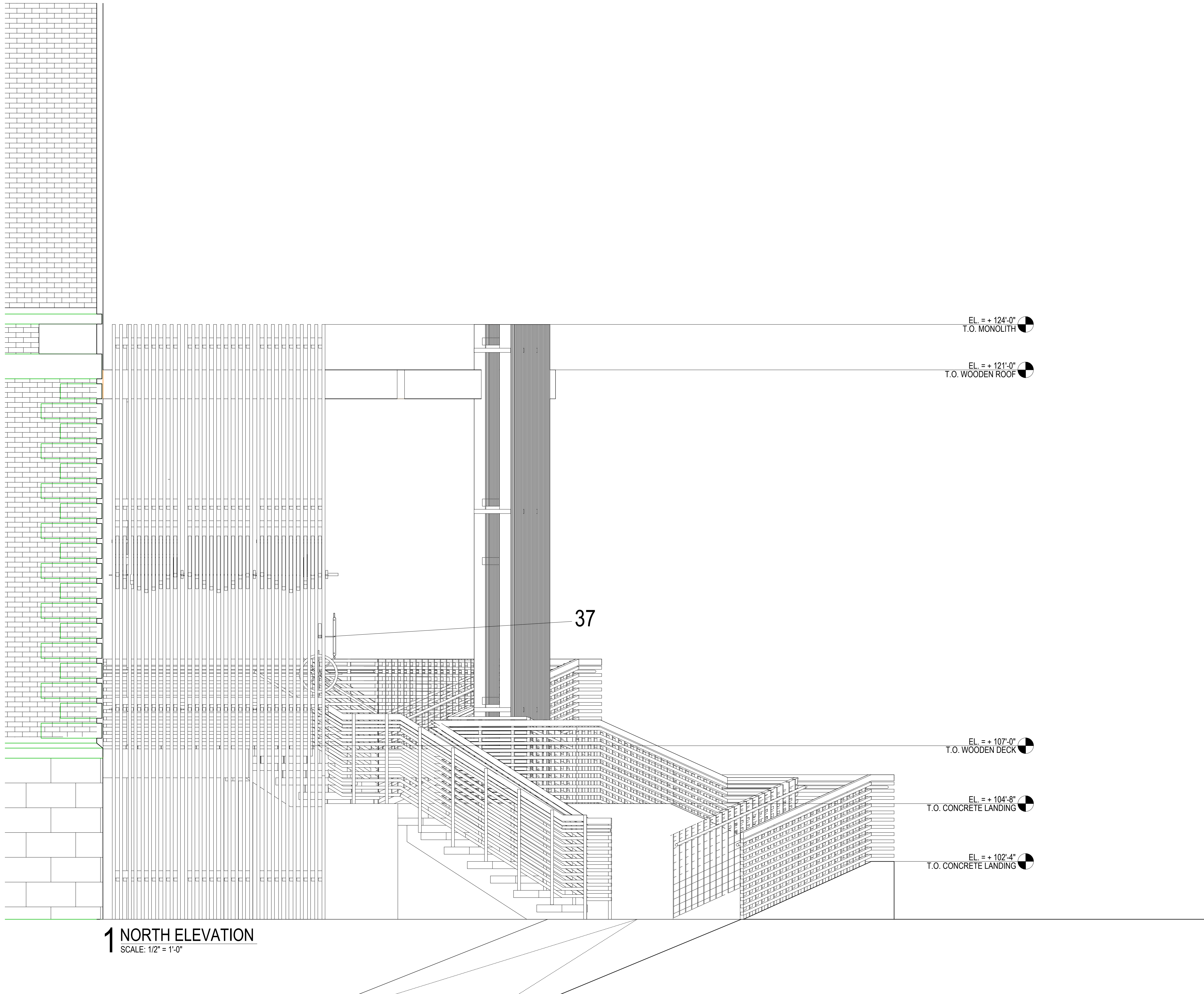
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1 0  
 DECEMBER  
 2 0 1 9  
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**A1.03**  
 ROOF PLAN



**1 NORTH ELEVATION**  
SCALE: 1/2" = 1'-0"

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**WOODHENGE**  
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DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

**A2.01**  
 NORTH ELEVATION



**1 WEST ELEVATION**  
SCALE: 1/4" = 1'-0"

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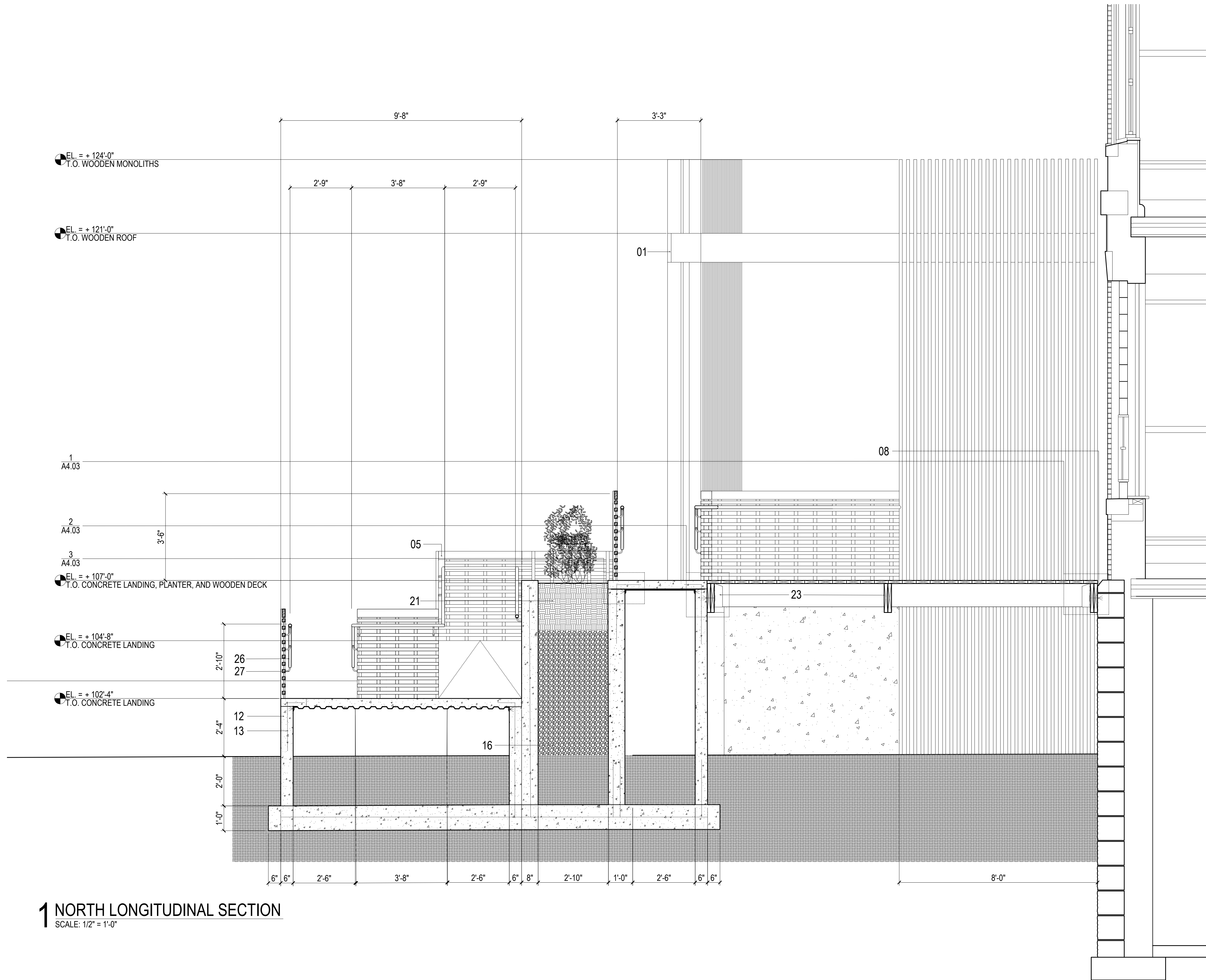
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DRAWN BY:  
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1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

A2.02  
 WEST ELEVATION



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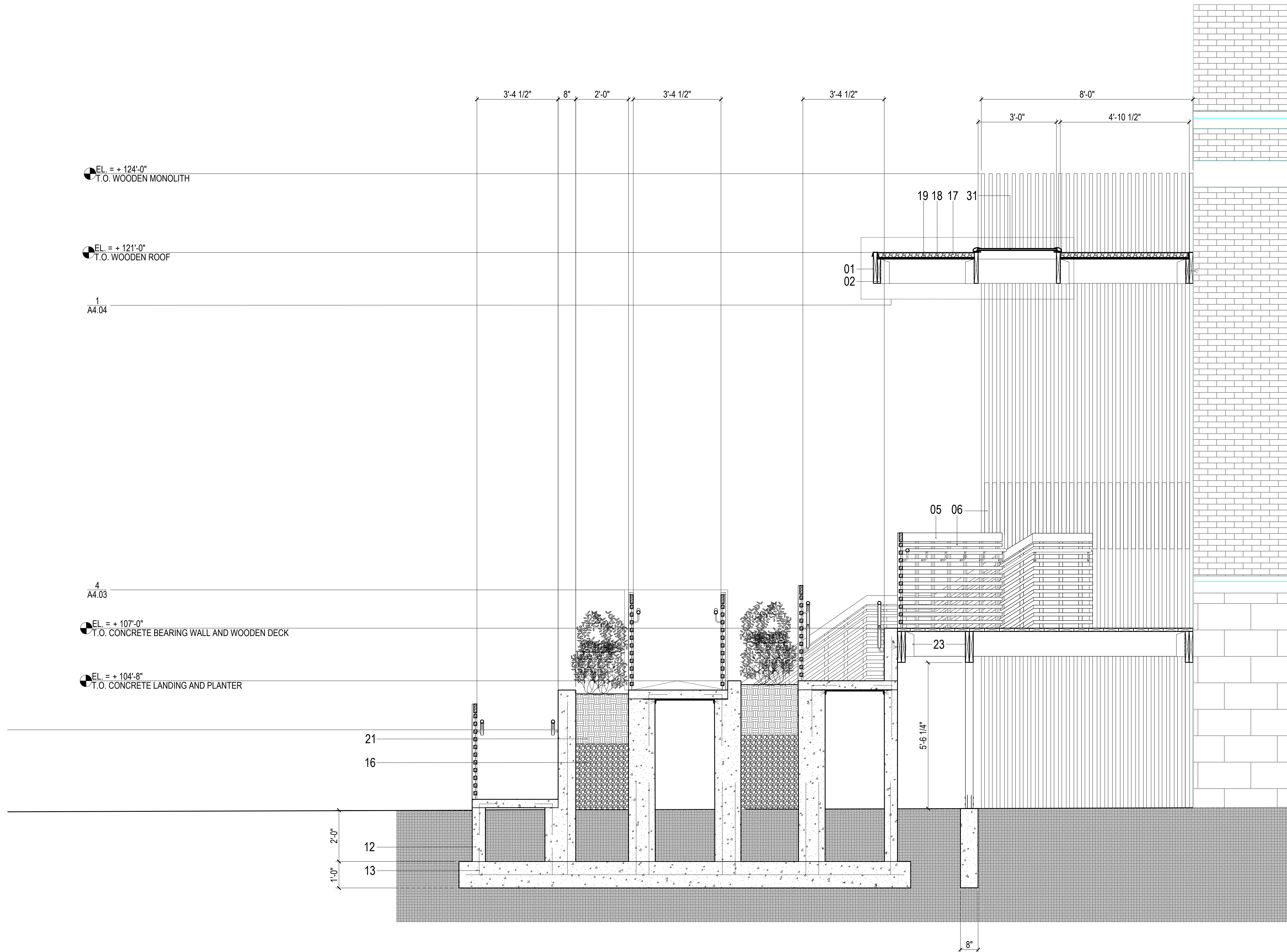
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1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
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**A3.01**  
 SECTION DRAWING 1





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1 0  
 DECEMBER  
 2 0 1 9  
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**A3.02**  
 SECTION DRAWING 2

EL. = + 124'-0"  
T.O. WOODEN MONOLITH

EL. = + 121'-0"  
T.O. WOODEN ROOF

1  
A4.04

1  
A4.03

EL. = + 107'-0"  
T.O. CONCRETE LANDING, PLANTER, AND WOODEN DECK

3  
A4.03

EL. = + 104'-8"  
T.O. CONCRETE LANDING

1  
A4.02

NOTE:  
AN ENTRANCE AT THIS POINT  
IS ADDED IN THIS PROPOSAL.

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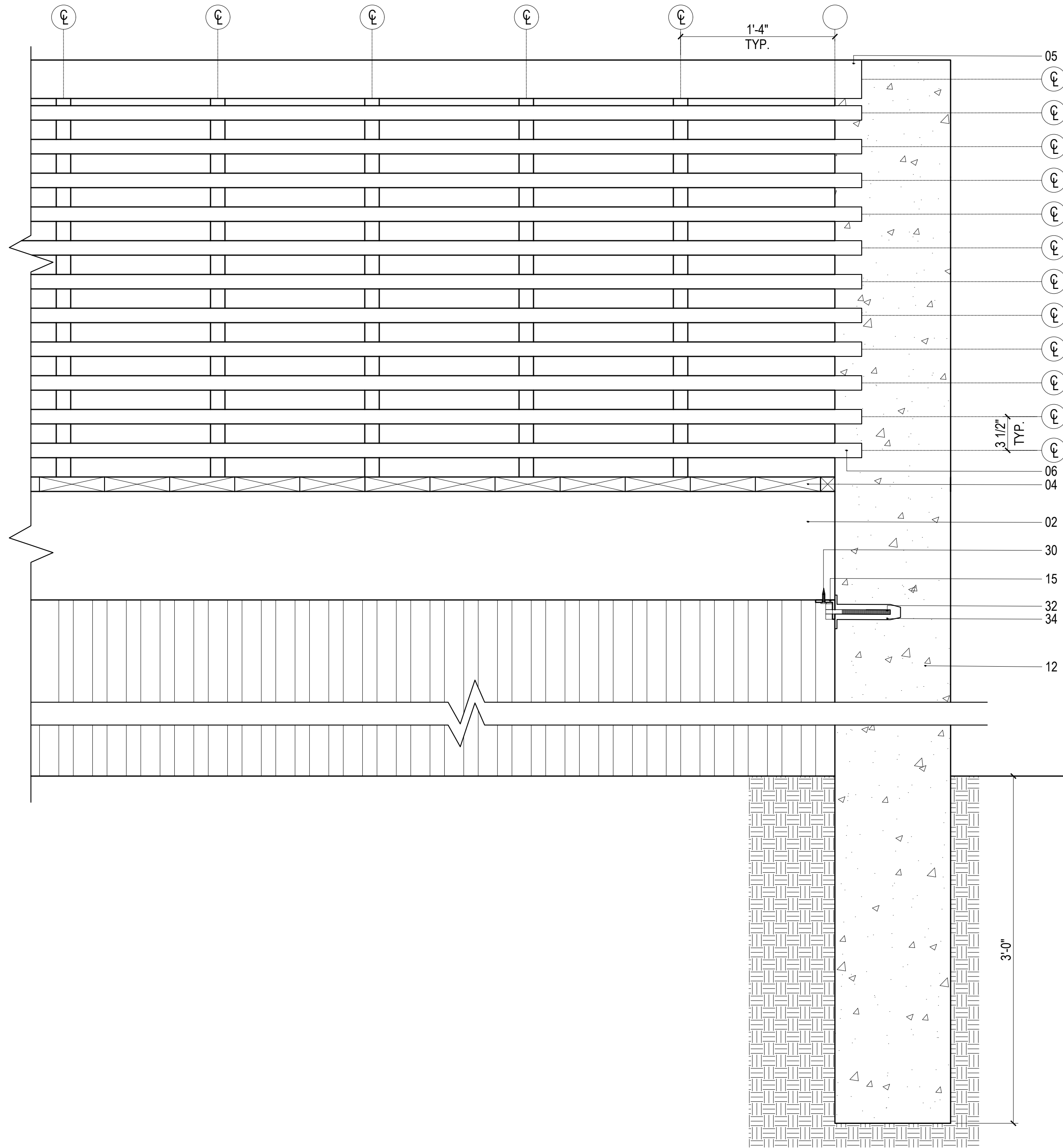
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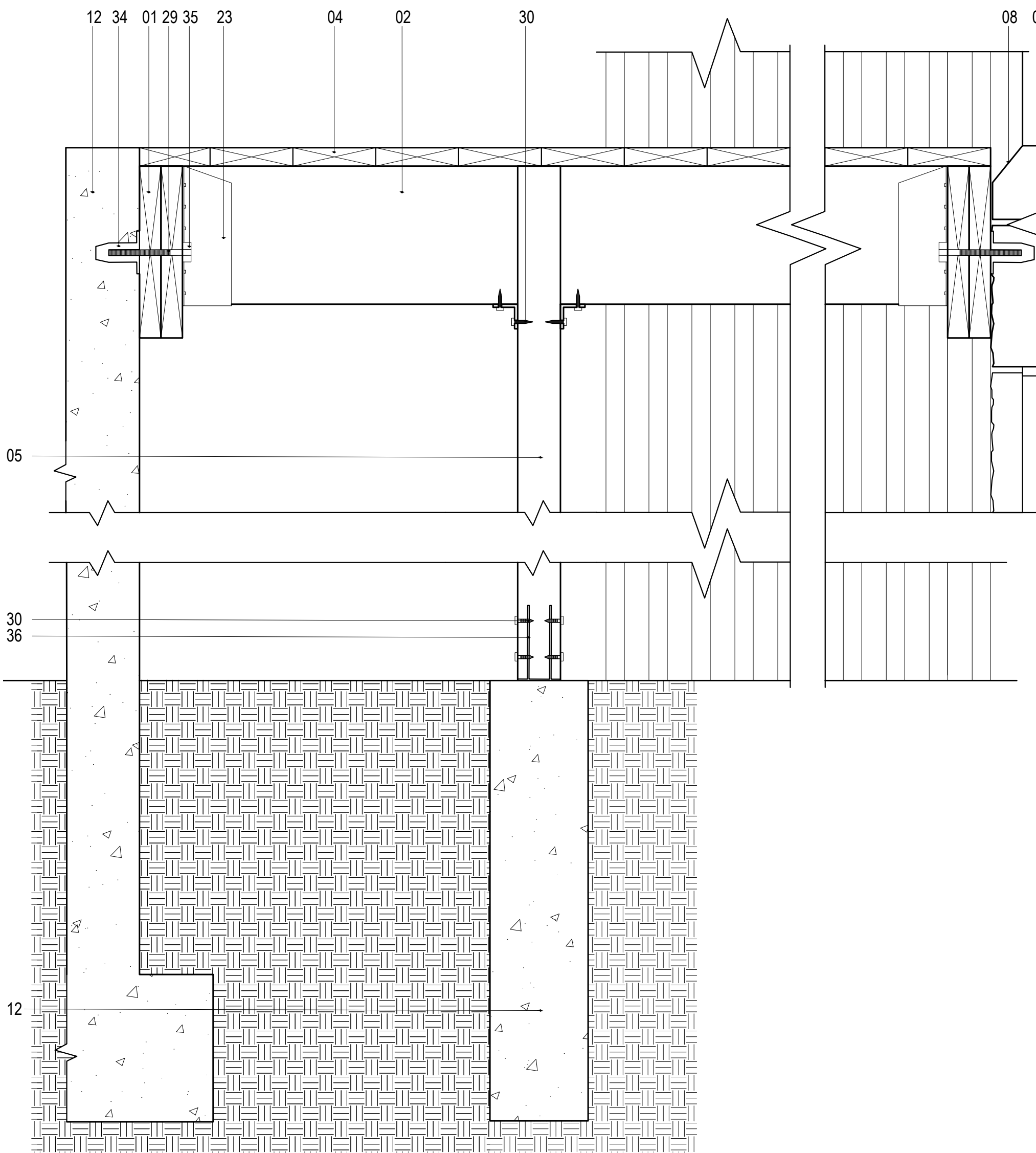
DRAWN BY:  
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1 0  
DECEMBER  
2 0 1 9  
F O R  
R E V I E W

**A3.03**  
SECTION DRAWING 3



**1** DETAIL SECTION  
SCALE: 1 1/2" = 1'-0"



**2** DETAIL SECTION  
SCALE: 3" = 1'-0"

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**KEY NOTES:**  
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DESIGN BUILD STUDIO  
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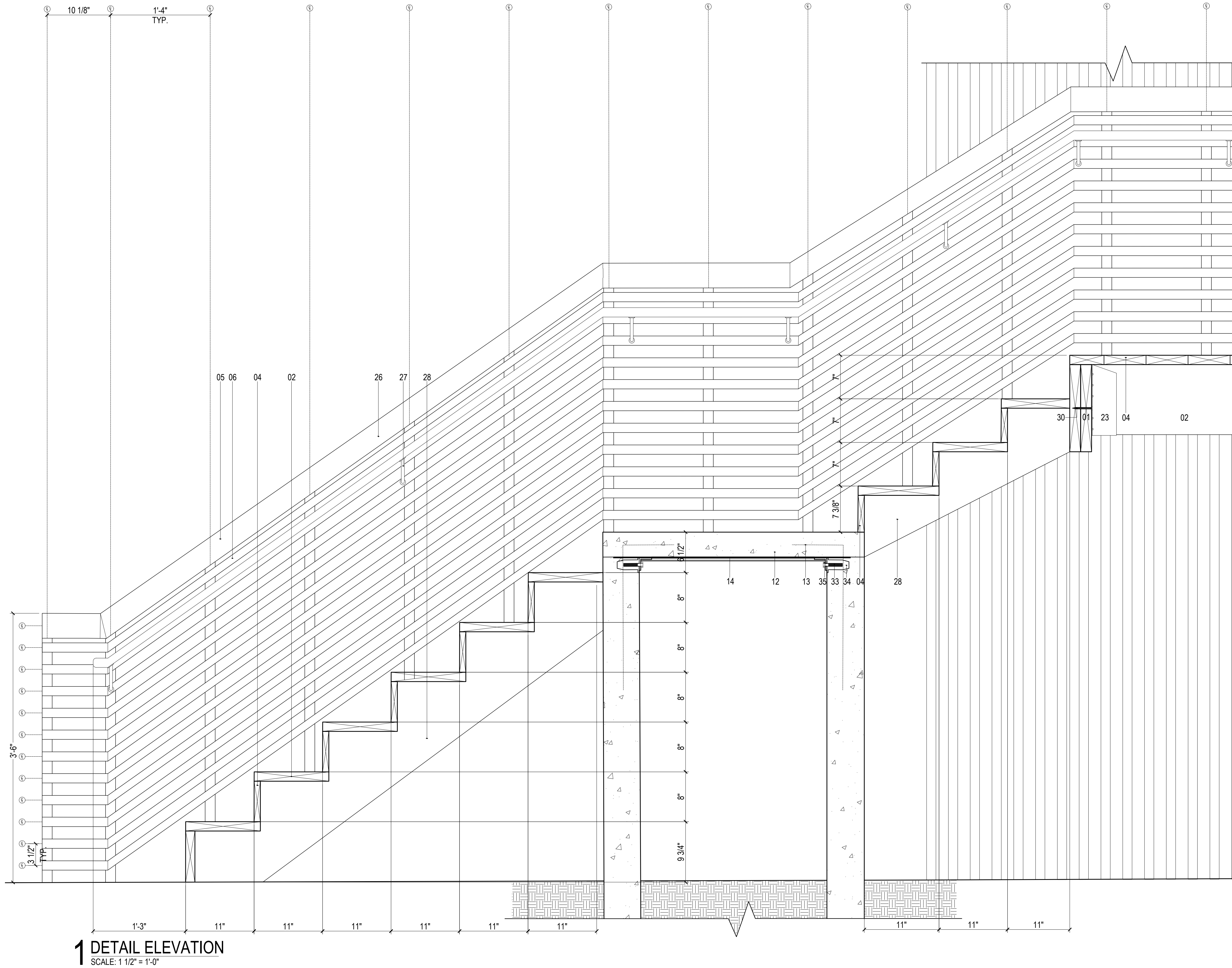
COMMUNITY FORGE  
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 WILKINSBURG, PA 15221

**WOODHENGE**

DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

A4.01  
 DETAILS



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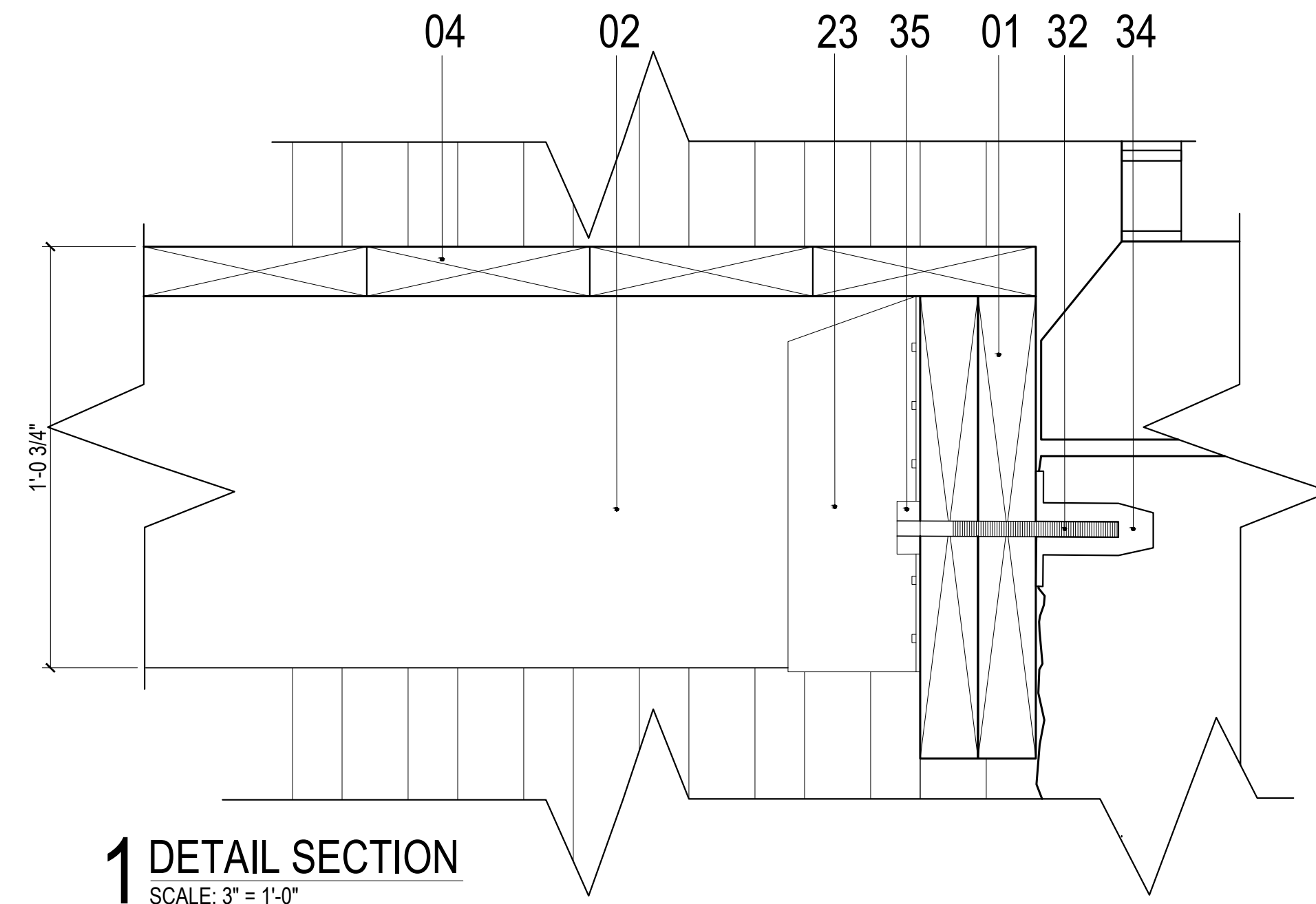
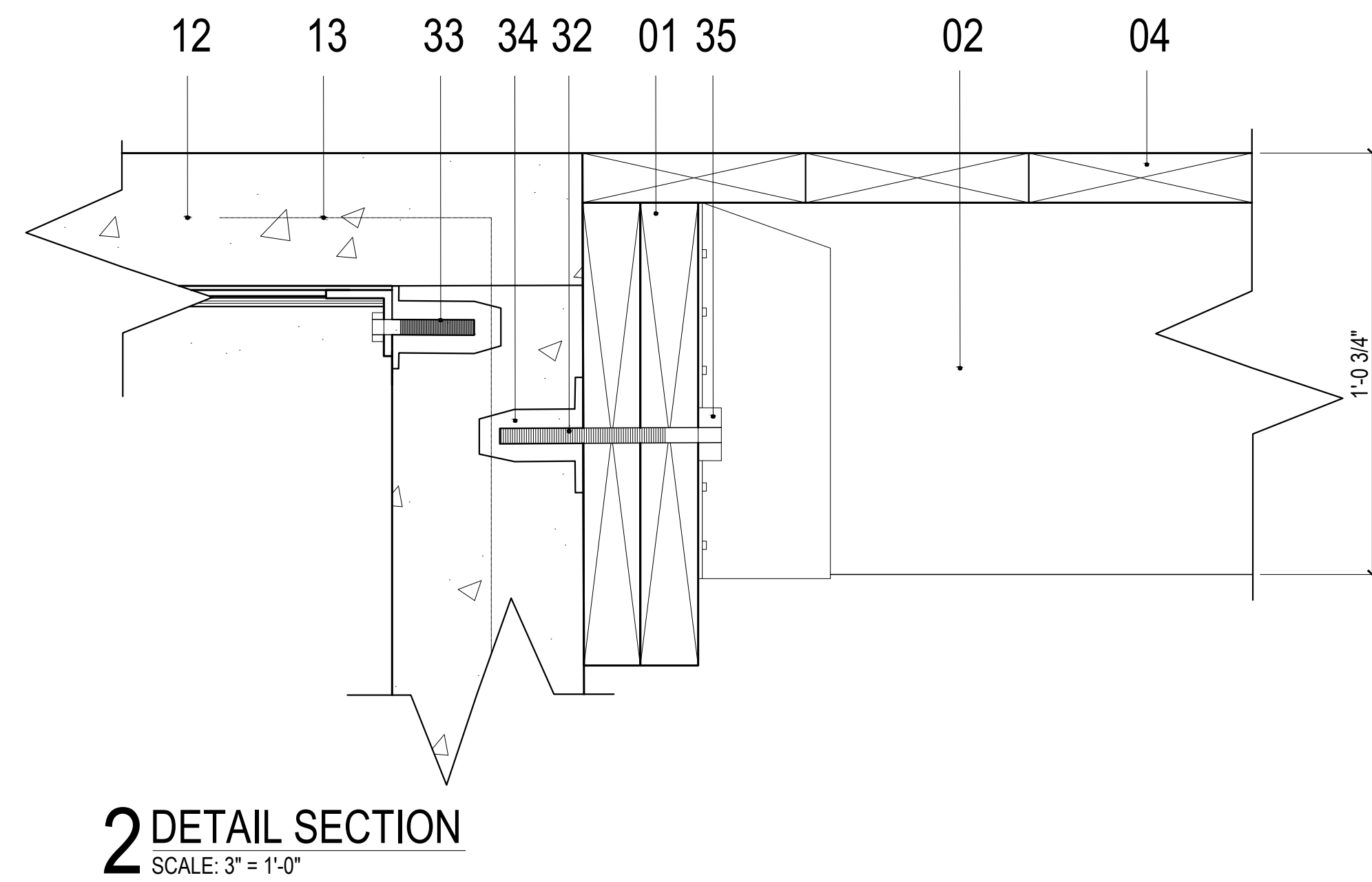
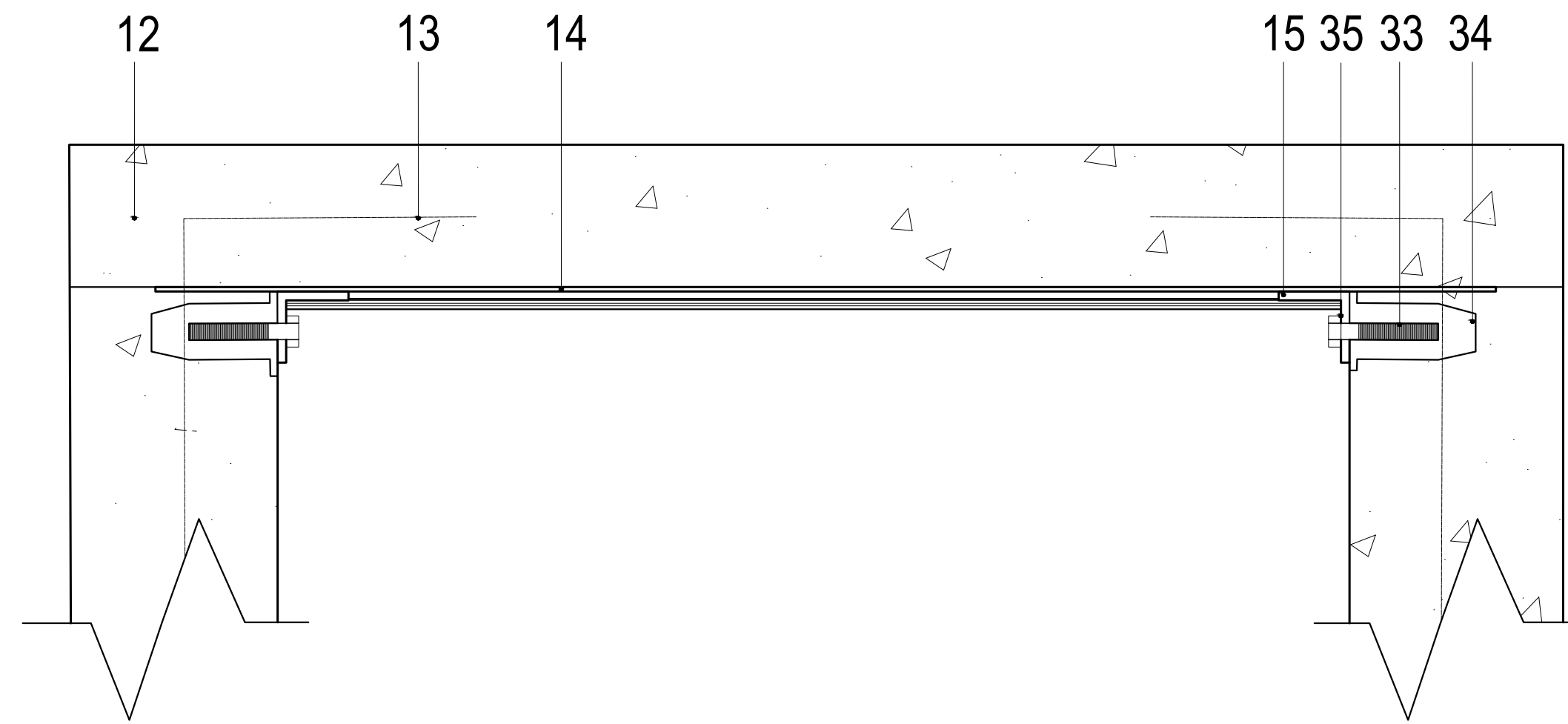
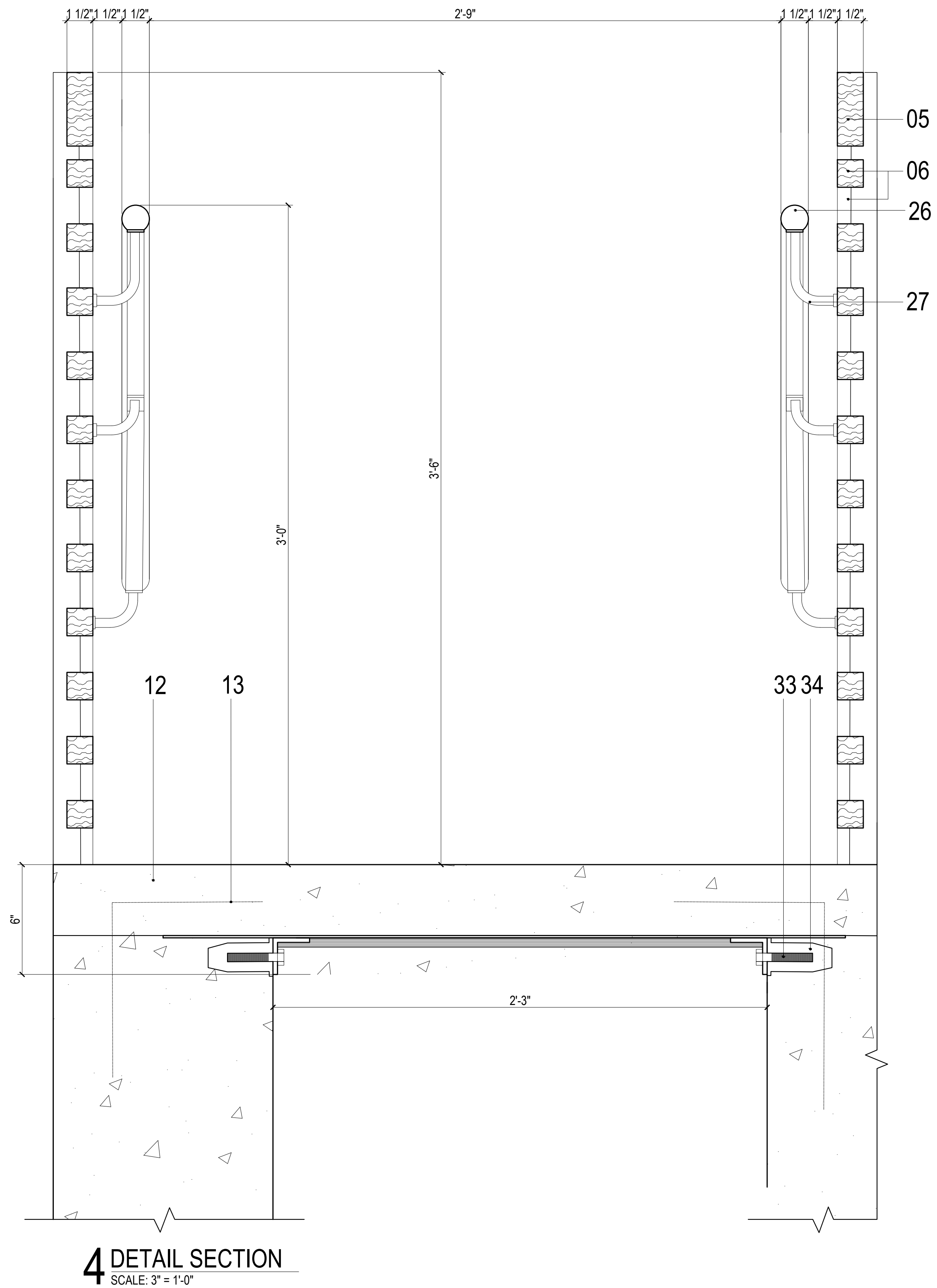
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DRAWN BY:  
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 TAKUMI DAVIS  
 TAYLOR LATIMER

**A4.02**  
 DETAILS

**1 DETAIL ELEVATION**  
 SCALE: 1 1/2" = 1'-0"



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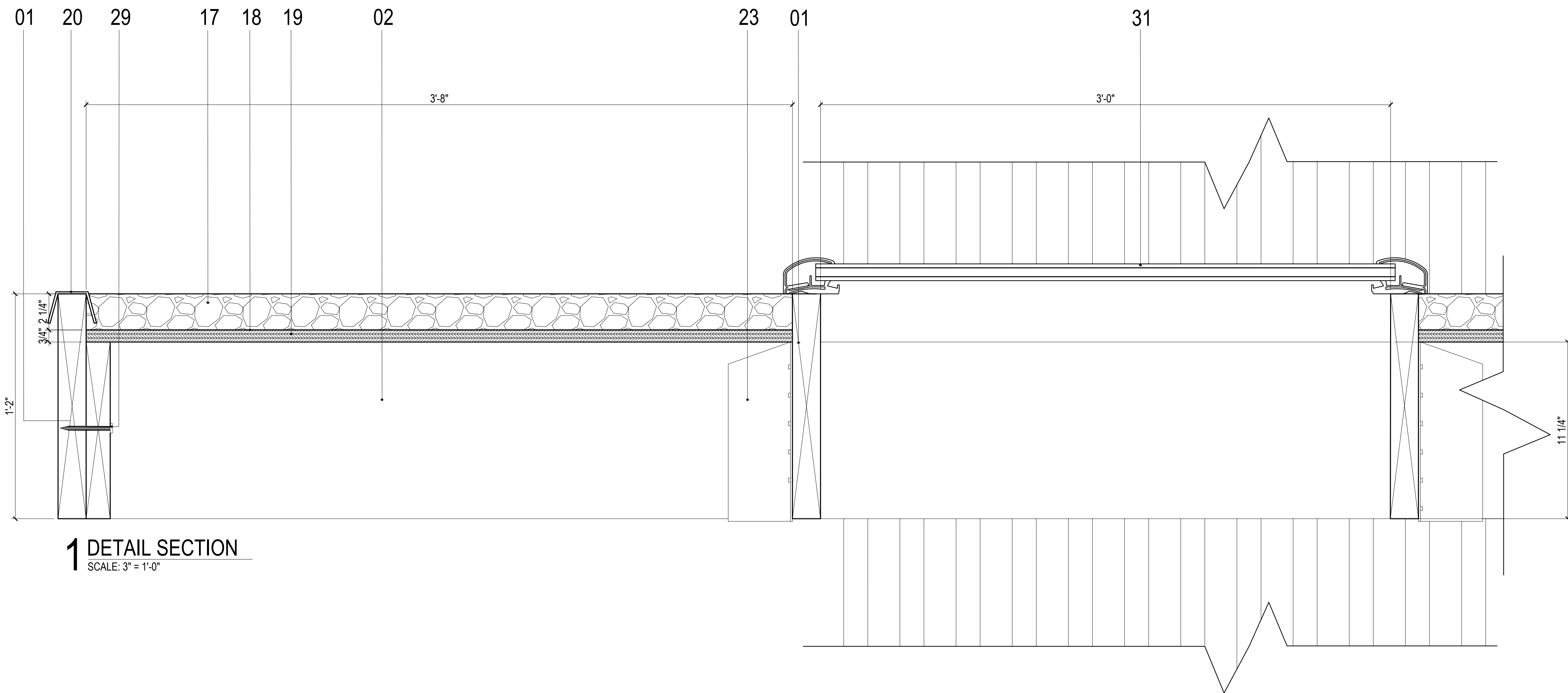
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 COMMUNITY FORGE  
 1256 FRANKLIN AVE.  
 WILKINSBURG, PA 15221

DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

**A4.03**  
 DETAILS



**1** DETAIL SECTION  
SCALE: 3" = 1'-0"

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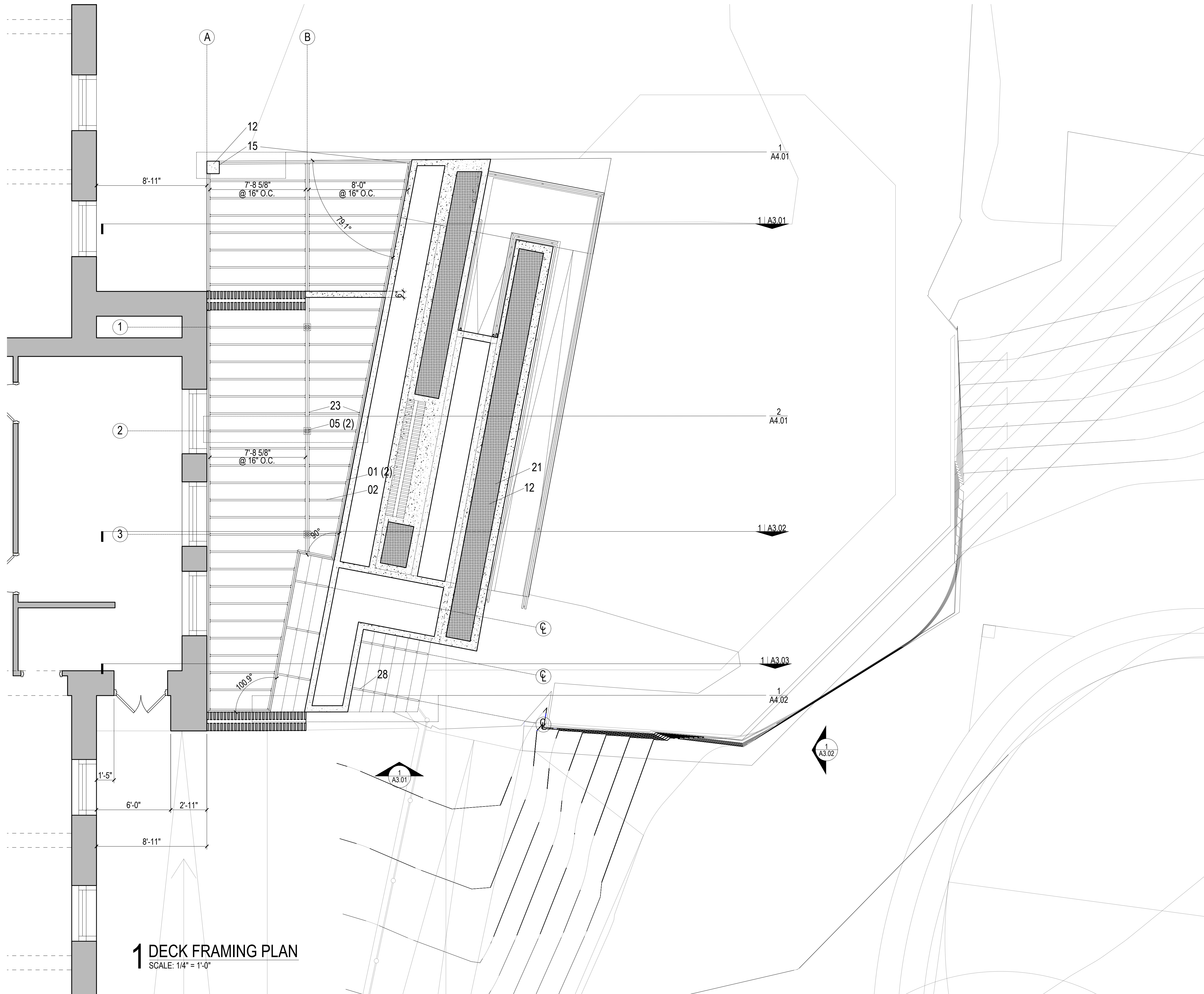
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1 0  
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 2 0 1 9  
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A4.04  
 DETAILS



**1 DECK FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

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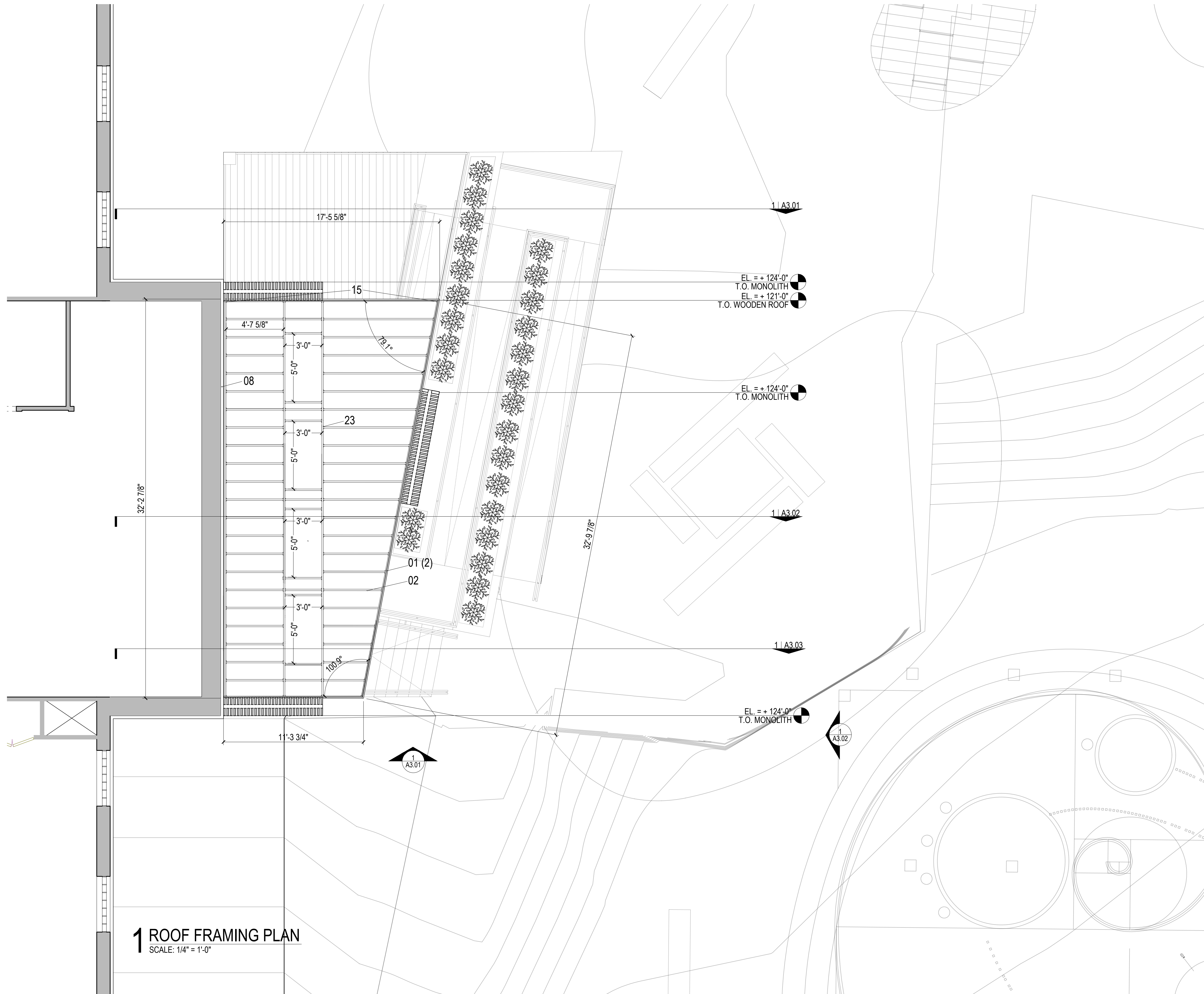
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**WOODHENGE**  
 COMMUNITY FORGE  
 1256 FRANKLIN AVE.  
 WILKINSBURG, PA 15221

DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

**S1.01**  
 DECK FRAMING PLAN



**1 ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

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- LEGEND (NTS):**
- EXISTING BUILDING
  - CONC. PAVING
  - CLEAN CRUSHED STONE
  - GRAVEL BACKFILL
  - INFILL SOIL
  - CUT OR FILL SOIL
  - GRASS
  - SAND OR GRANULAR PAD
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- KEY NOTES:**
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  - 02 - 2" X 12" UNTREATED DIM. LUMBER
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**DESIGN BUILD STUDIO**  
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1 0  
 DECEMBER  
 2 0 1 9  
 F O R  
 R E V I E W

**S1.02**  
 ROOF FRAMING PLAN



# MONOLITH PROTOTYPE

P R O J E C T R E E  
2 1 4 N O R T H L E X I N G T O N S T R E E T  
P I T T S B U R G H , P A 1 5 2 0 8

## DESIGN BUILD STUDIO

CARNEGIE MELLON UNIVERSITY  
SCHOOL OF ARCHITECTURE  
5000 FORBES AVENUE  
PITTSBURGH, PA 15213

K Y L E B A N C R O F T  
T A K U M I J O R D A N D  
T A Y L O R L A T I M E R  
D E C E M B E R 1 0 , 2 0 1 9  
F O R E V I E W

**SHEET LIST:**

- G.00 TITLE PAGE
- L.01 SITE PLAN
- A1.01 GROUND FLOOR PLAN
- A1.02 DECK PLAN
- A1.03 ROOF PLAN
- A2.01 NORTH ELEVATION
- A2.02 WEST ELEVATION
- A3.01 SECTION 1
- A3.02 SECTION 2
- A3.03 SECTION 3
- A4.01 DETAILS
- A4.02 DETAILS
- A4.03 DETAILS
- A4.04 DETAILS
- S1.01 DECK FRAMING PLAN
- S1.02 ROOF FRAMING PLAN
- PR.01 PROTOTYPE TITLE PAGE
- PR.02 PROTOTYPE PERSPECTIVE
- PR.03 PROTOTYPE PLAN EN SITU
- PR.04 PROTOTYPE ELEVATIONS EN SITU
- PR.05 PROTOTYPE CUT SHEET
- PR.06 PROTOTYPE ASSEMBLY SEQUENCE

**ABBREVIATIONS:**

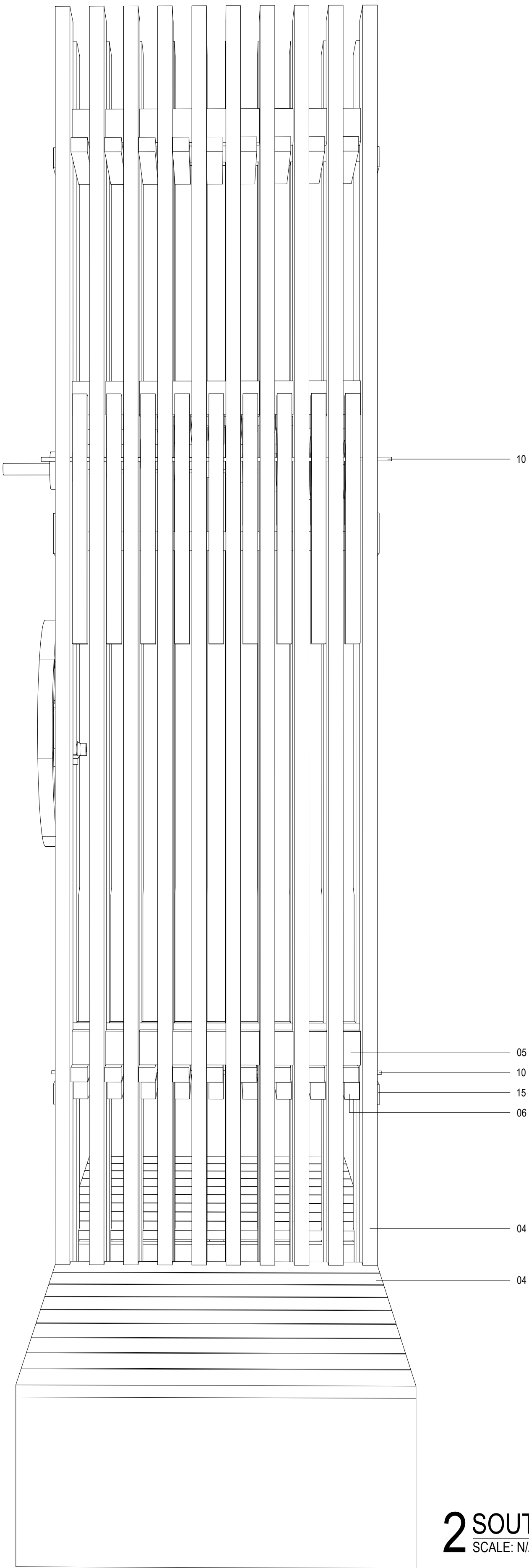
- ABV. = ABOVE
- B.O. = BOTTOM OF
- CL. = CENTER LINE
- CLR. = CLEARANCE
- COL. = COLUMN
- CONC. = CONCRETE
- DN. = DOWN
- EL. = ELEVATION
- ELMD = ETHYLENE PROPYLENE DIENE MONOMER
- EXT. = EXTERIOR
- FDTN. = FOUNDATION
- GA. = GALIE
- GALV. = GALVANIZED
- INT. = INTERIOR
- LF. = LINEAR FEET
- LVL. = LAMINATED VENEER LUMBER
- MAX. = MAXIMUM
- MIN. = MIN. = MINIMUM
- NTS. = NOT TO SCALE
- O.C. = ON CENTER
- OPP. = OPPOSITE
- R.O. = ROUGH OPENING
- S.F. = SQUARE FEET
- T.O. = TOP OF
- TYP. = TYPICAL
- W/ = WITH
- " = INCHES
- ' = FEET
- # = NUMBER

**SYMBOLS:**

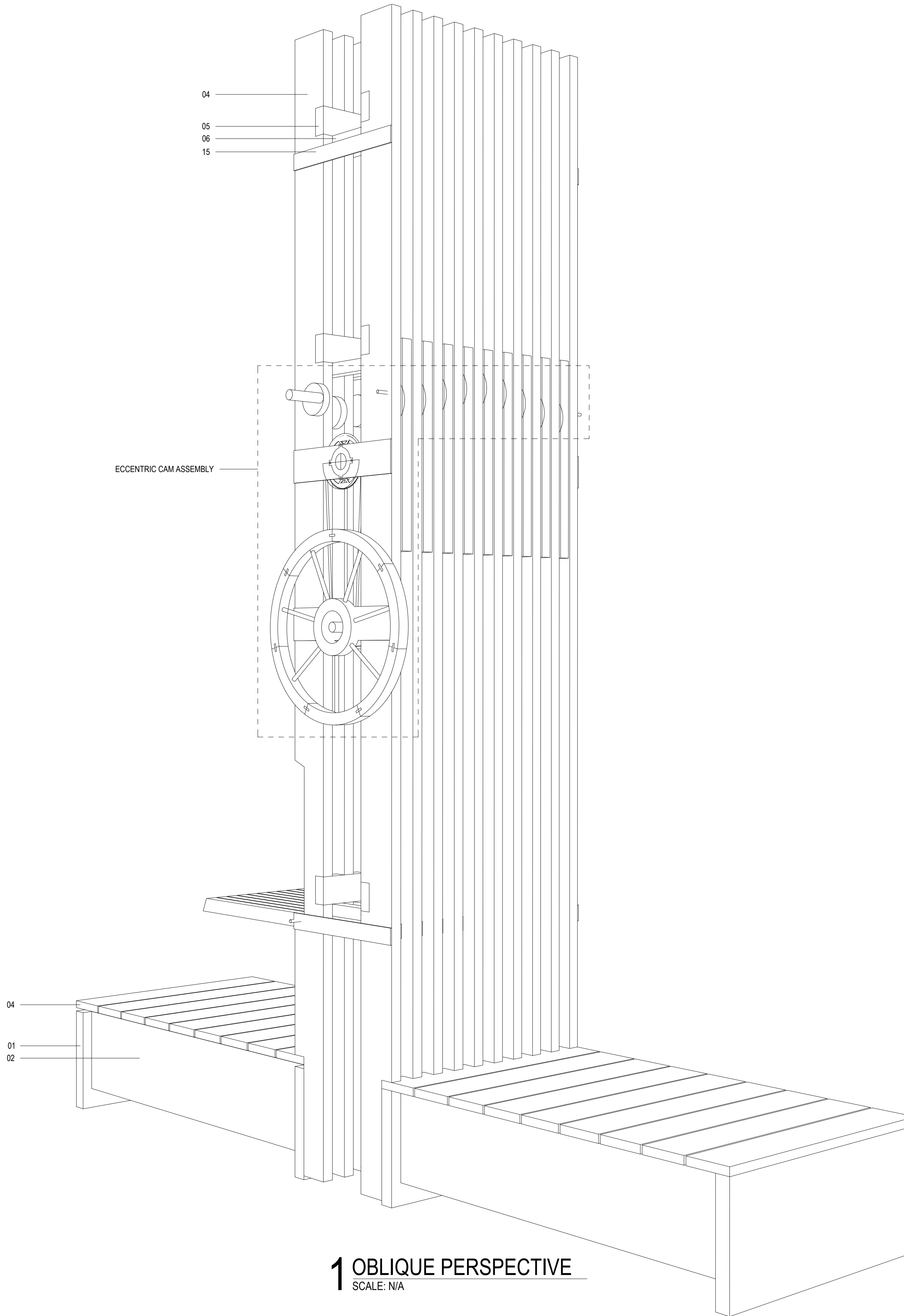
- W1 ASSEMBLY DESIGNATION
- WALL TYPE TAG
- 15 NOTE DESIGNATION
- KEYNOTE TAG
- 1/A3.00 SHEET DETAIL
- ELEVATION TAG
- 1/A4.00 SHEET DETAIL
- BUILDING SECTION TAG
- 1/A5.00 SHEET DETAIL
- WALL SECTION TAG
- RESTROOM ROOM NAME  
1315 203 SF SQUARE FOOTAGE  
ROOM NUMBER
- ROOM DESIGNATION TAG
- A33 DESIGNATOR
- WINDOW TYPE TAG
- 333 DESIGNATOR
- DOOR TYPE TAG
- 1 DETAIL  
A2.02 SHEET
- DETAIL REFERENCE TAG
- 33 DESIGNATOR
- SPOT ELEVATION TAG
- S44 SLOPE DIRECTION  
DESIGNATOR
- SLOPE TAG
- C DESIGNATOR
- BEAM SC.2
- CENTERLINE TAG
- ENTRANCE MAIN ENTRANCE
- ENTRANCE SECONDARY ENTRANCE
- ENTRANCE COVERED SECONDARY ENTRANCE

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**DRAWN BY:**  
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TAYLOR LATIMER TIL@ANDREW.CMU.EDU  
KYLE BANCROFT KYLEBANC@ANDREW.CMU.EDU



**2** SOUTHERN PERSPECTIVE  
SCALE: N/A



**1** OBLIQUE PERSPECTIVE  
SCALE: N/A

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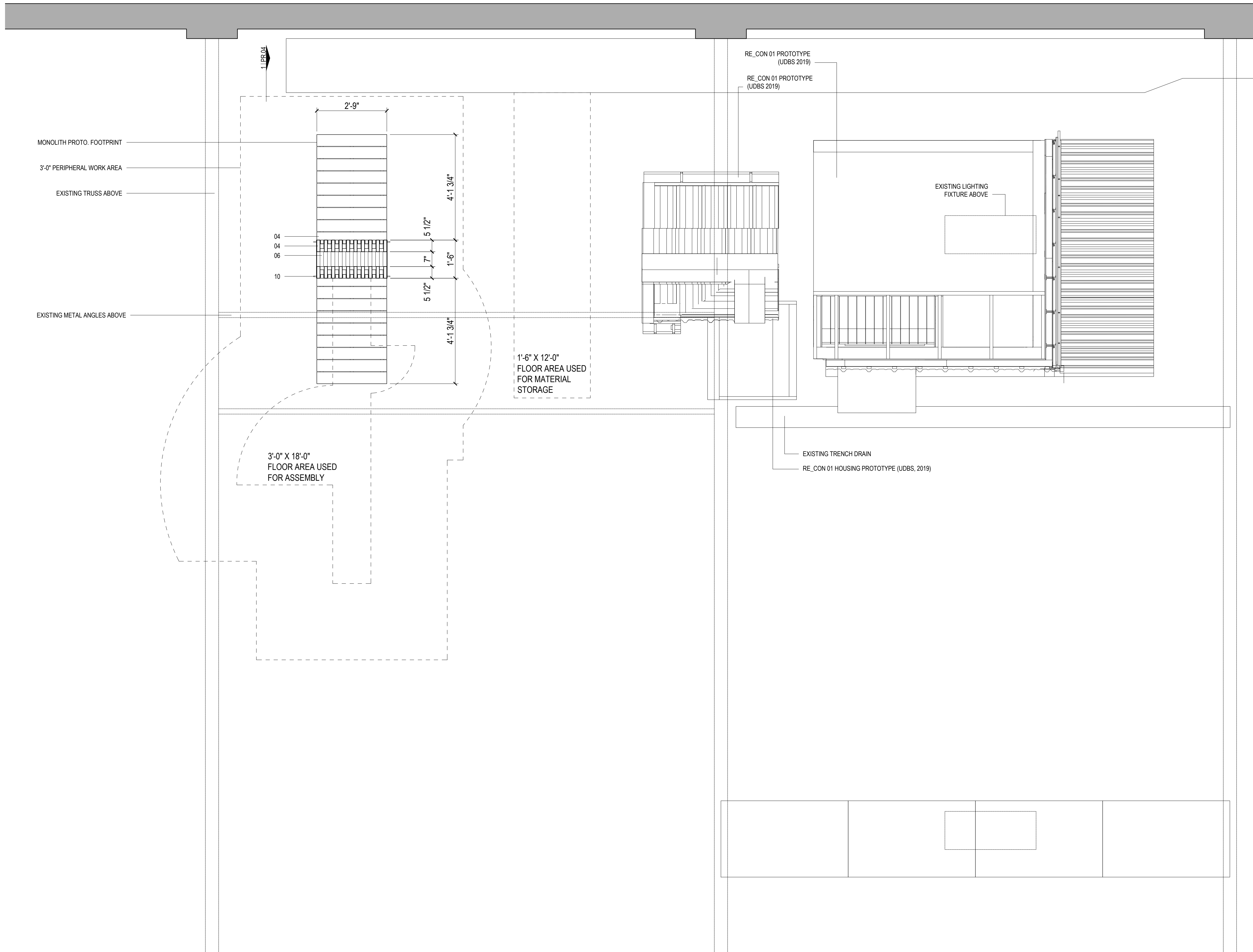
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PR.02  
 PROTOTYPE PERSPECTIVE



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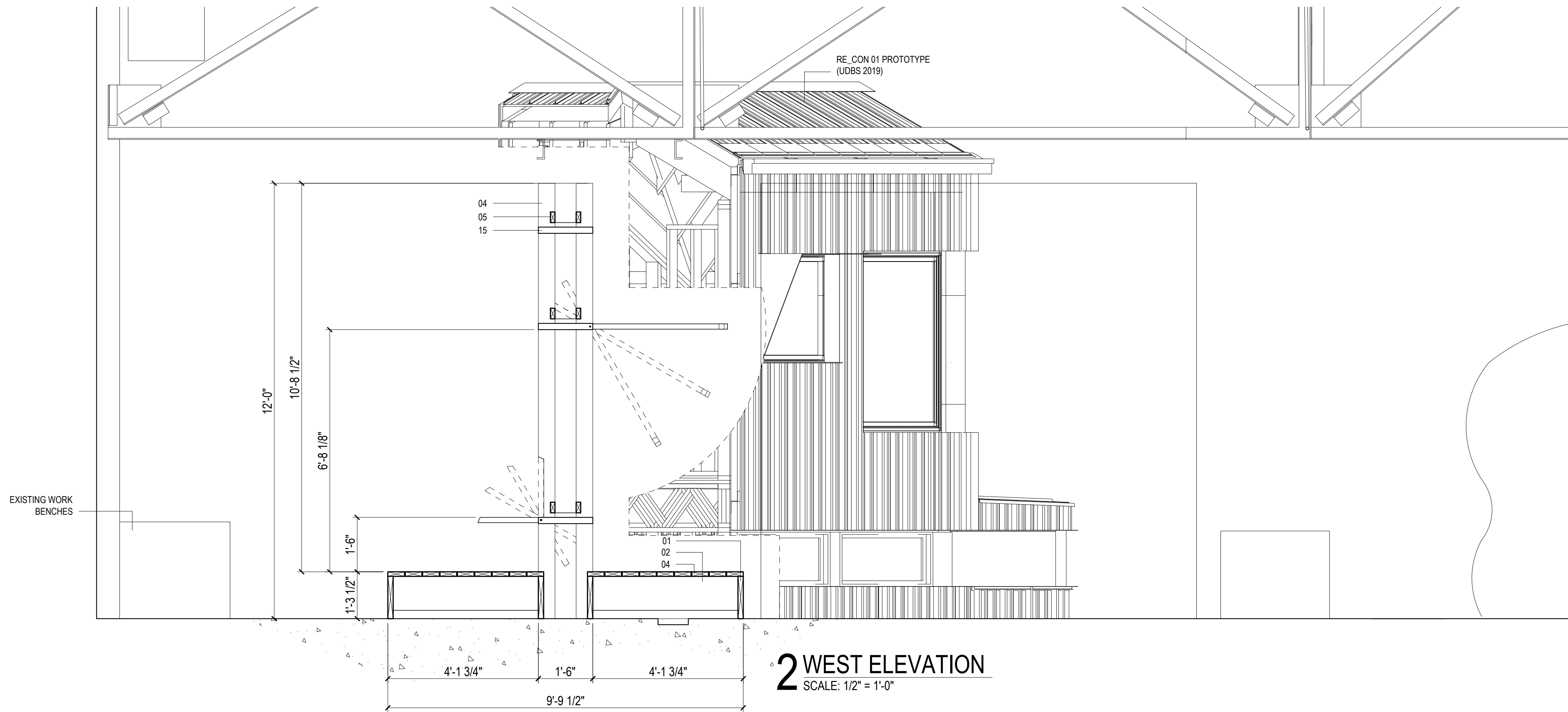
**PR.03**  
 PROTOTYPE PLAN/EN.SITU

▼ EL = +16'-2"  
INTERSECTION OF CROSS CABLES

▼ EL = +14'-9 1/2"  
RIDGE OF PROTOTYPE

▼ EL = +13'-2 1/2"  
B.O. EXISTING TRUSSES

▼ EL = +12'-0"  
T.O. MONOLITH PROTOTYPE



**2 WEST ELEVATION**  
SCALE: 1/2" = 1'-0"

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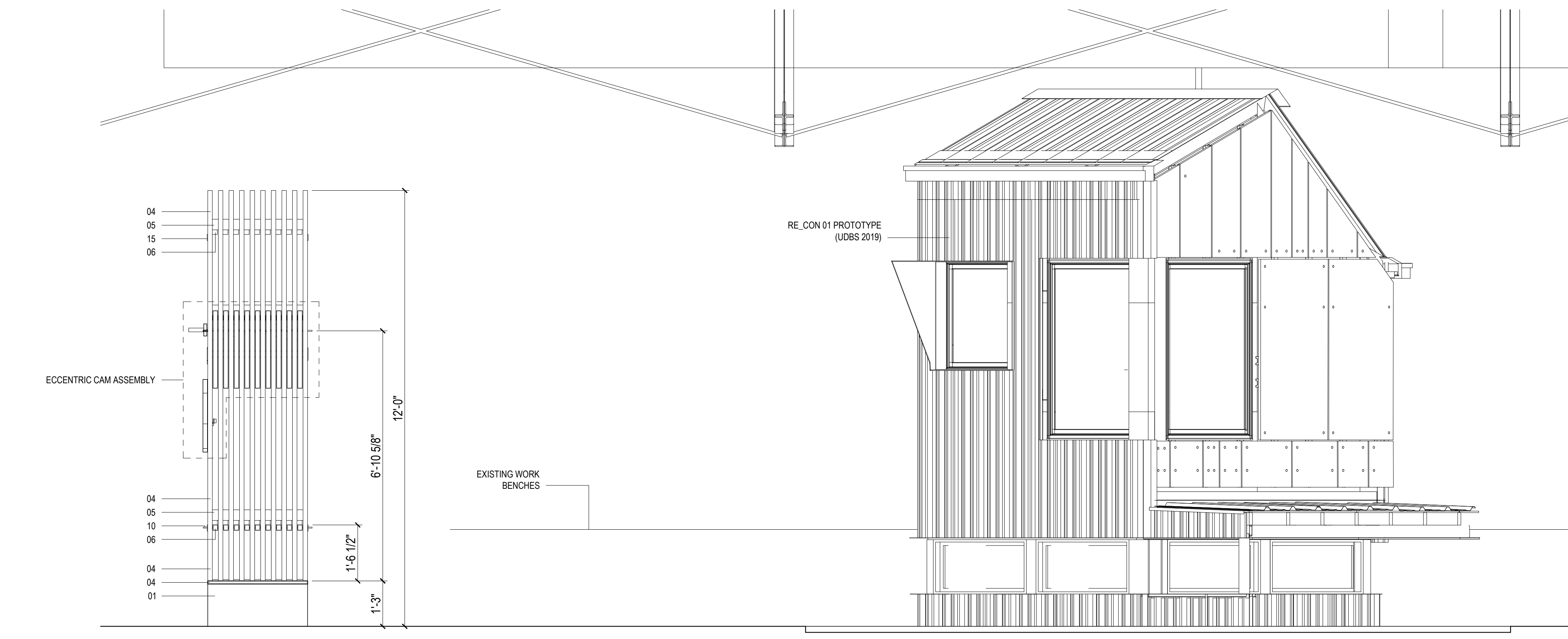
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▼ EL = +13'-2 1/2"  
B.O. EXISTING TRUSSES

▼ EL = +12'-0"  
RIDGE OF PROTOTYPE

▼ EL = +0'-0"  
EXISTING CONCRETE FLOOR



**1 SOUTH ELEVATION**  
SCALE: 1/2" = 1'-0"

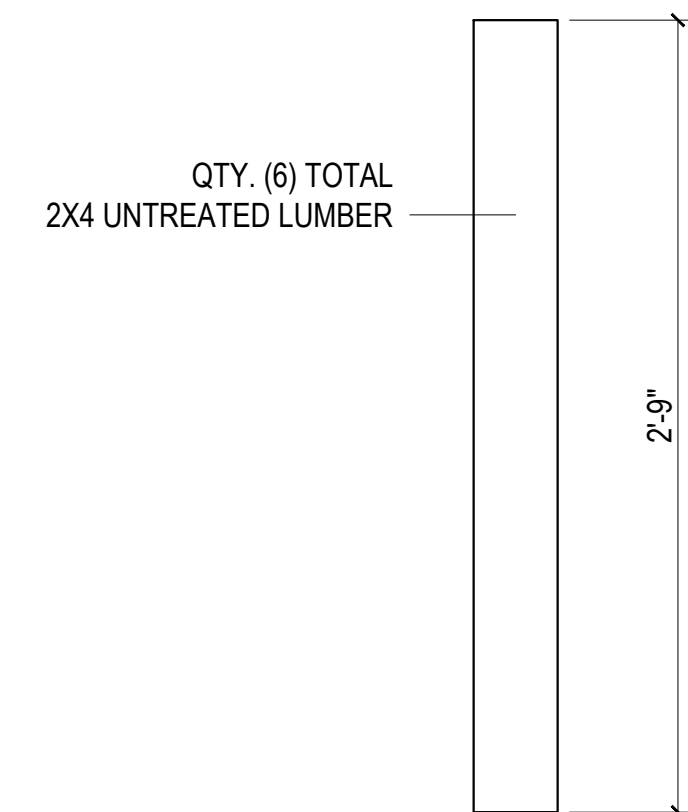
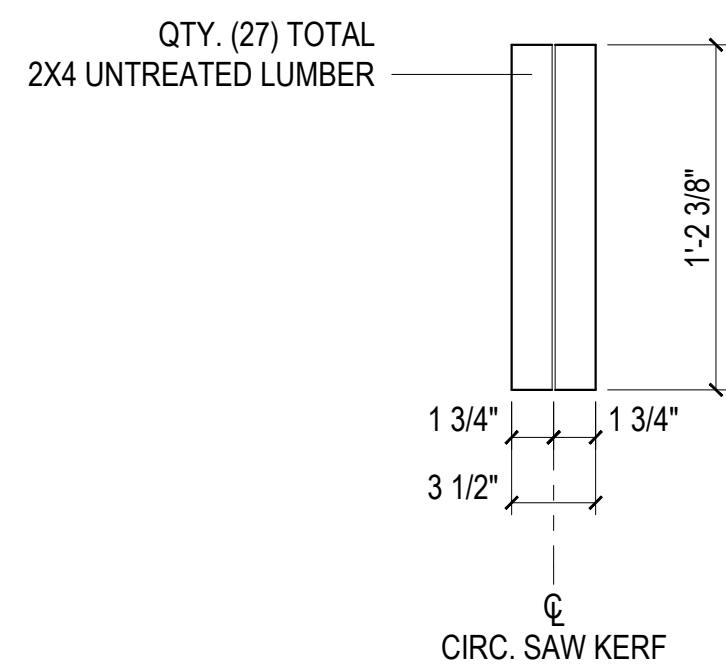
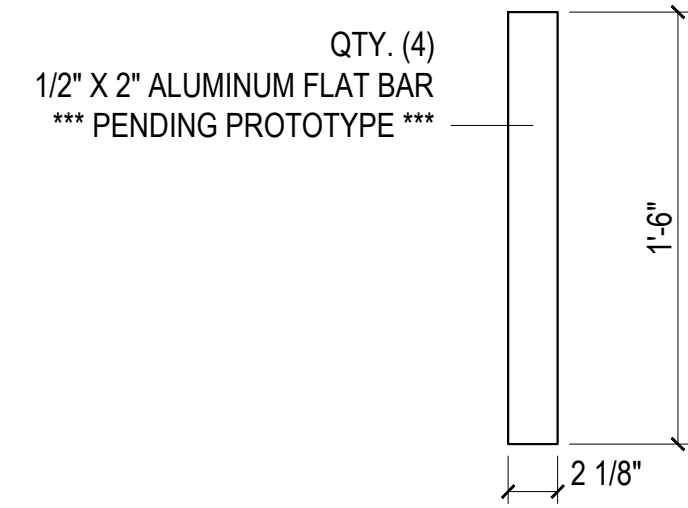
DESIGN BUILD STUDIO  
CARNEGIE MELLON UNIVERSITY  
SCHOOL OF ARCHITECTURE  
5000 FORBES AVENUE  
PITTSBURGH, PA 15221

**WOODHENGE**

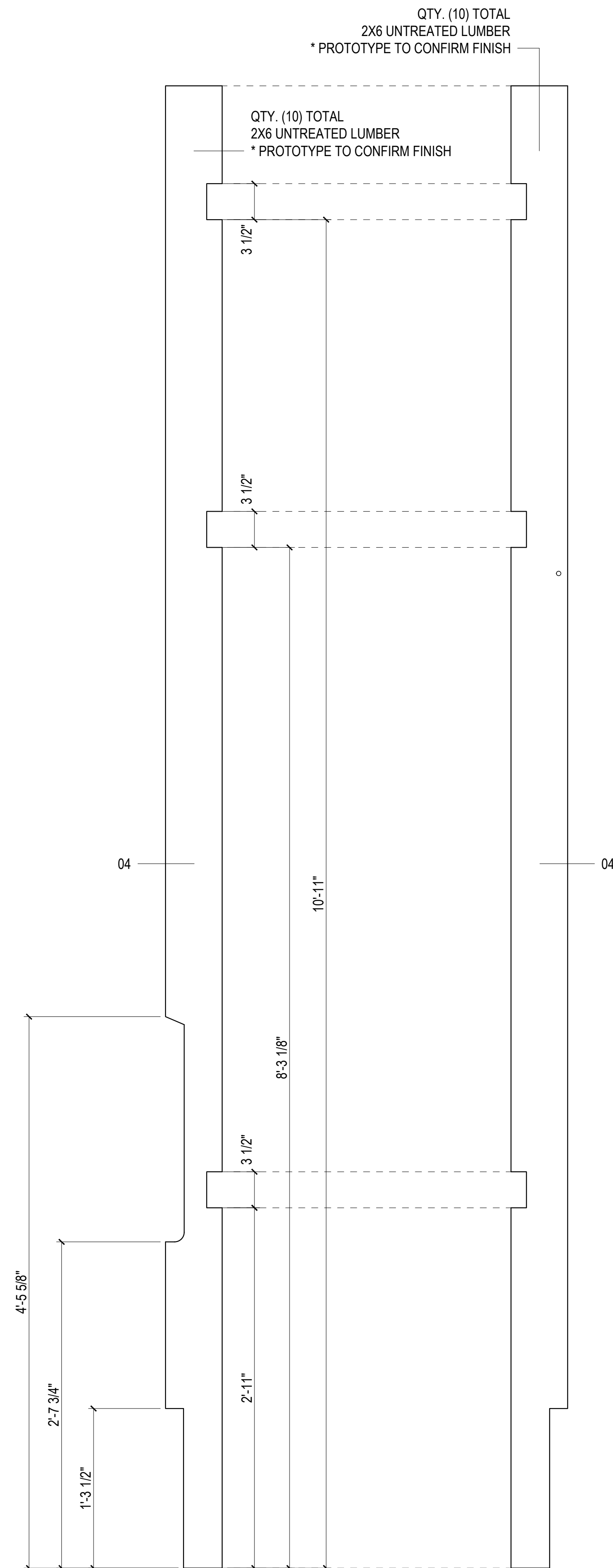
DRAWN BY:  
KYLE BANCROFT  
TAKUMI DAVIS  
TAYLOR LATIMER

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DECEMBER  
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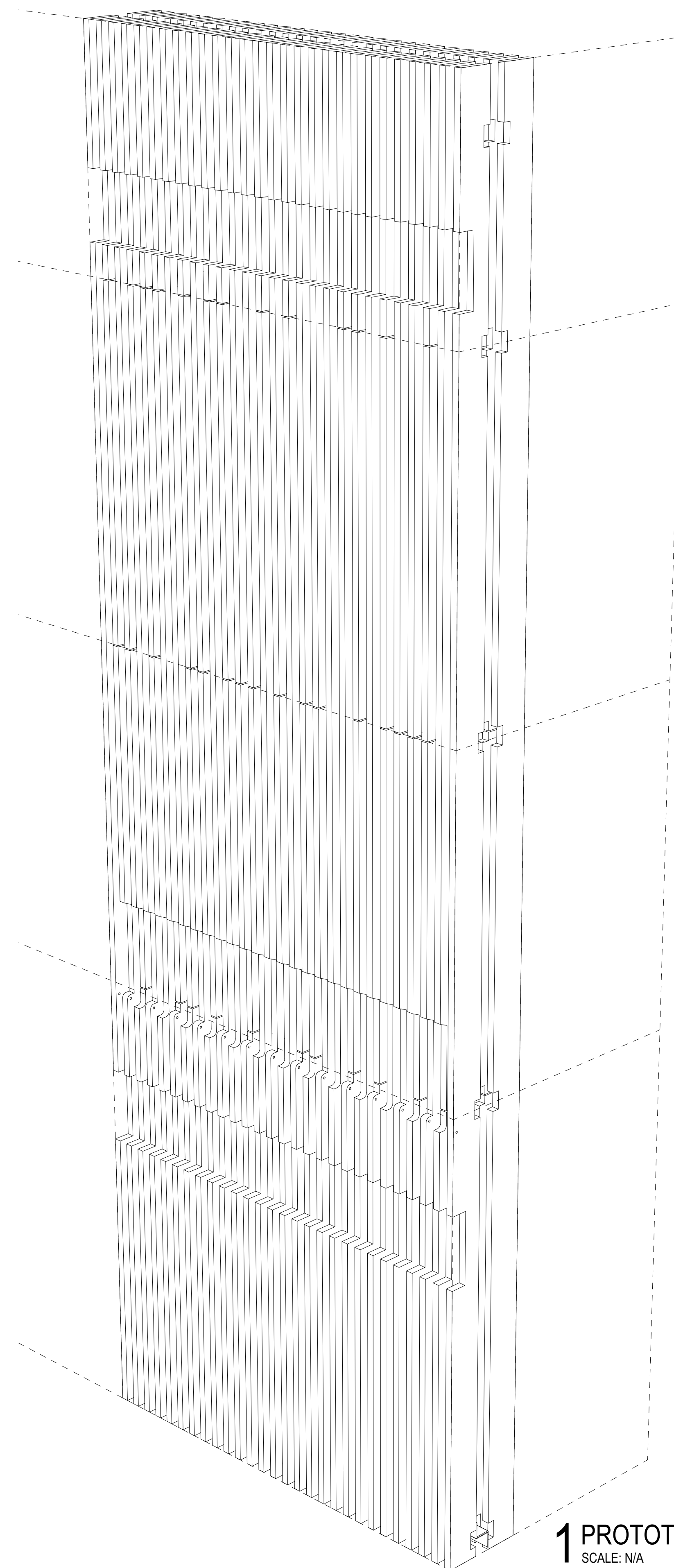
PR.04  
PROTOTYPE ELEVATION IN SITU



**3 CONNECTIONS**  
SCALE: 1 1/2" = 1'-0"



**2 2X6 SLATS**  
SCALE: 1 1/2" = 1'-0"



**1 PROTOTYPE SCOPE**  
SCALE: N/A

**GENERAL NOTES:**  
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**LEGEND (NTS):**

	EXISTING BUILDING
	CONC. PAVING
	CLEAN CRUSHED STONE
	GRAVEL BACKFILL
	INFILL SOIL
	CUT OR FILL SOIL
	GRASS
	SAND OR GRANULAR PAD
	CUT WOOD GRAIN

**KEY NOTES:**

01	-1.75" X 14" LVL
02	2" X 12" UNTREATED DIM. LUMBER
03	2" X 8" UNTREATED DIM. LUMBER
04	2" X 6" UNTREATED DIM. LUMBER
05	2" X 4" UNTREATED DIM. LUMBER
06	2" X 2" UNTREATED DIM. LUMBER
07	EXISTING TRIPLE WITHE BRICK WALL
08	EXISTING WATER TABLE
09	EXISTING GRADE
10	1/2" ZINC THREADED ROD
11	0.5" THK. LDPE SPACER
12	CAST-IN-PLACE CONCRETE
13	NO. 4 REINFORCEMENT
14	METAL DECKING
15	A36 STEEL ANGLE @ 1.5" X 1.5" X 12 GA.
16	GRAVEL BACKFILL
17	PEA GRAVEL ROOF FINISH
18	EPDM ROOFING MEMBRANE
19	3/4" THK. OSB PLYWOOD
20	METAL FLASHING
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22	NATIVE PLANTLIFE
23	SIMPSON STRONG-TIE GALV. 2x12 HANGER
24	STAINLESS WOOD SCREW @ 2" LG.
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26	1.25" DIAM. ALUMINUM RAILING
27	NICKEL DECORATIVE HANDRAIL BRACKET
28	8" RISE, 11" DEPTH PRESSURE TREATED STAIR STRINGER
29	EXTERNAL GRADE NAIL @ 6" LG.
30	EXTERNAL GRADE NAIL @ 3 1/8" LG.
31	DOUBLE PANED SKYLIGHT
32	CONCRETE DRILL BOLT @ 6 3/4" LG.
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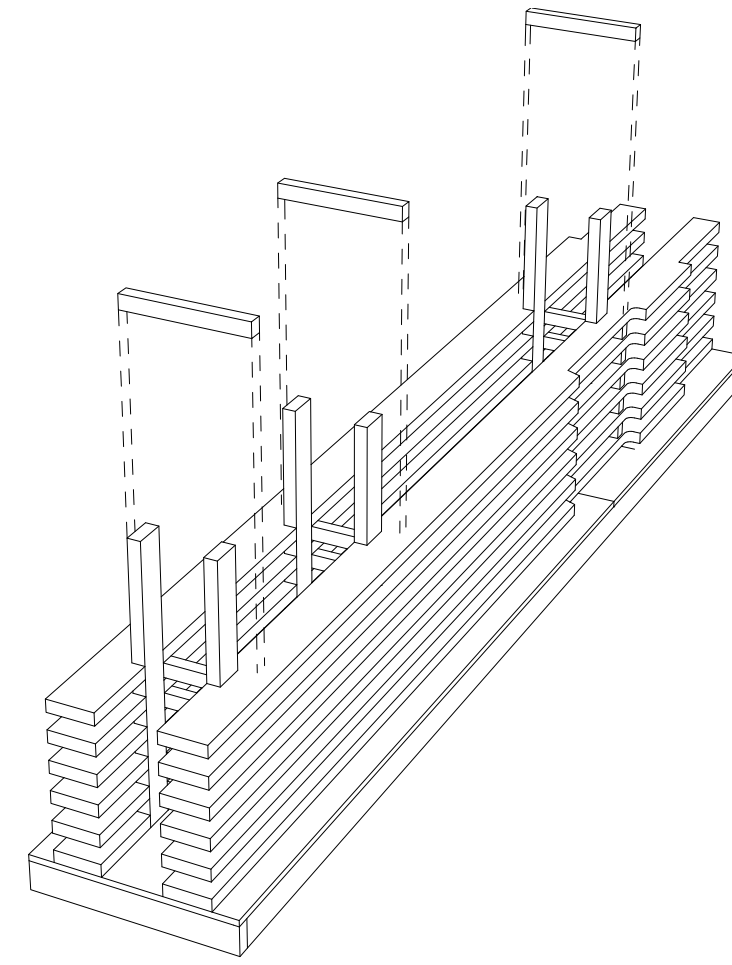
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1256 FRANKLIN AVE.  
WILKINSBURG, PA 15221

**WOODHENGE**

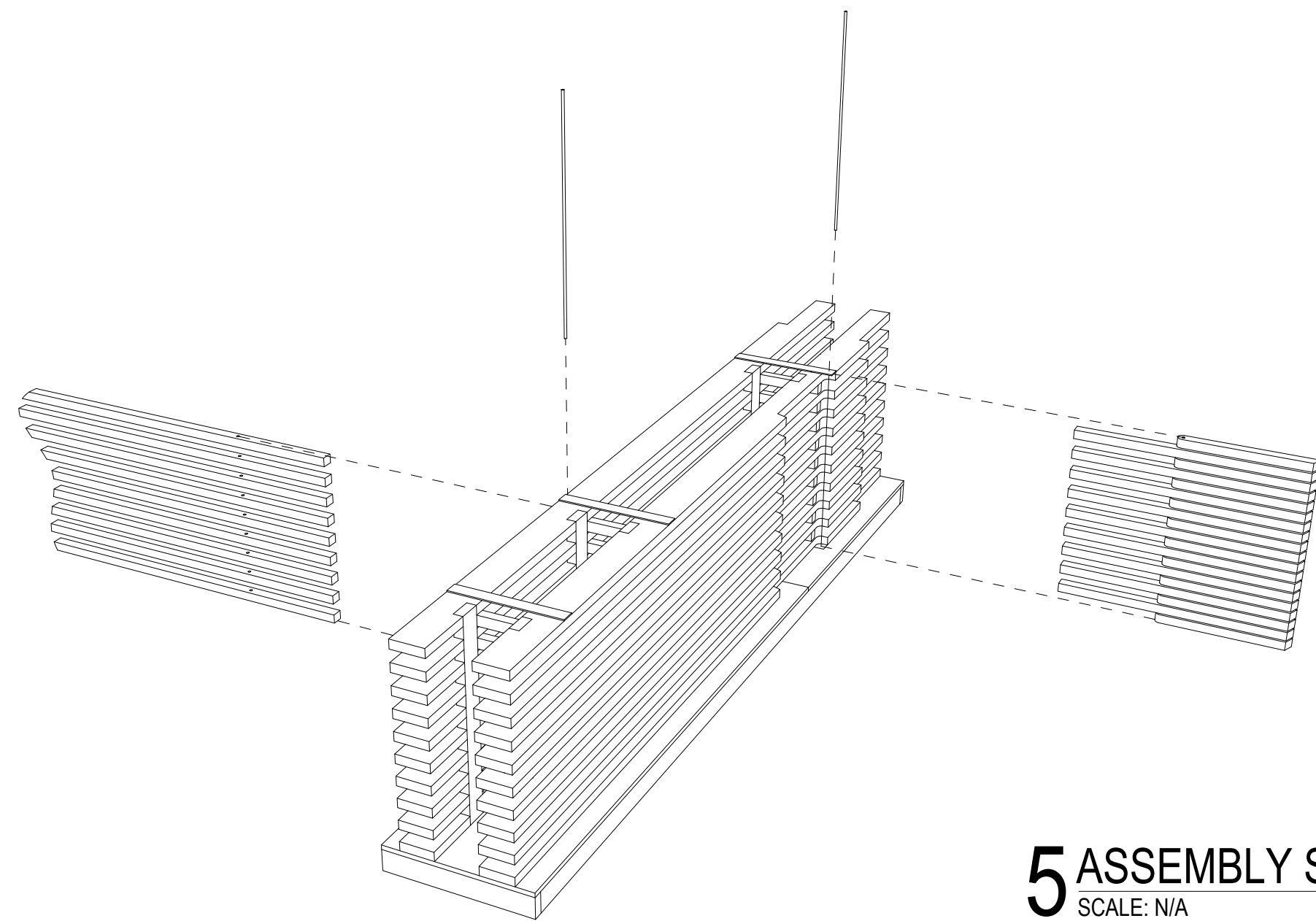
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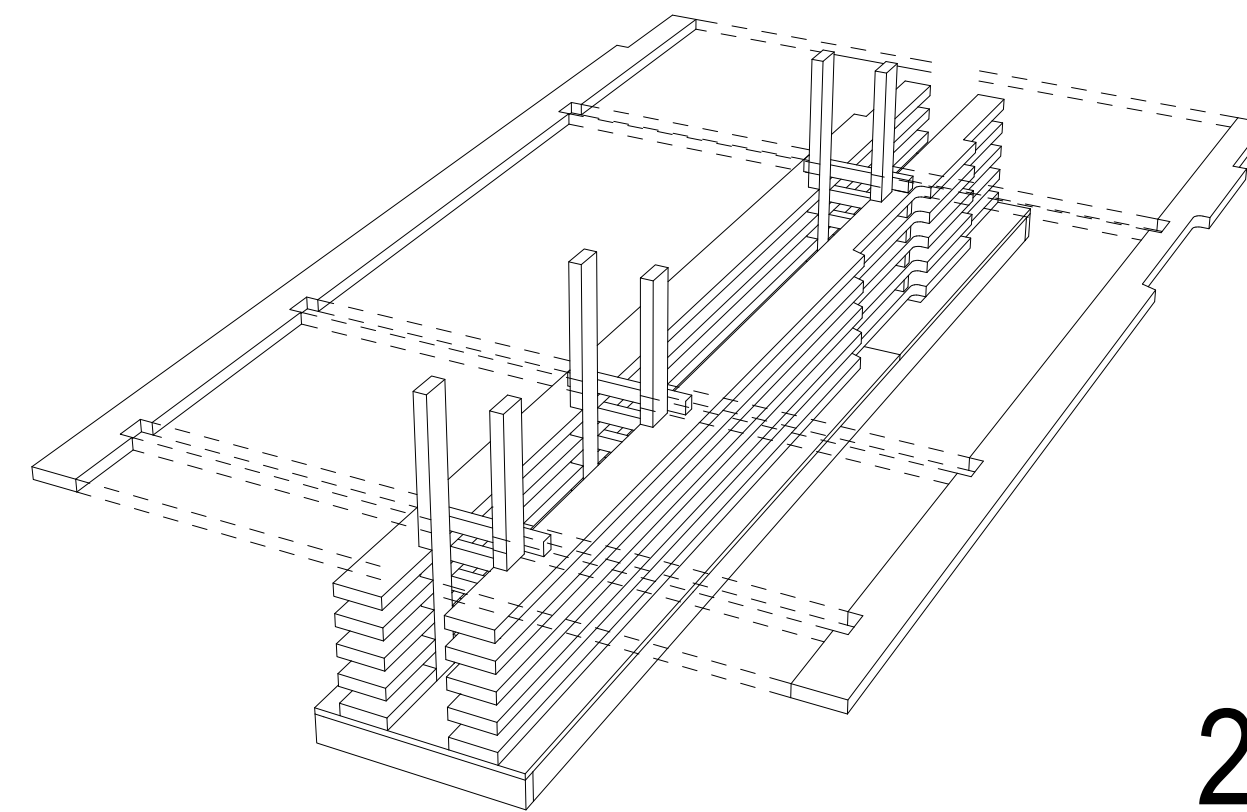
**PR.05**  
PROTOTYPE CUT SHEET



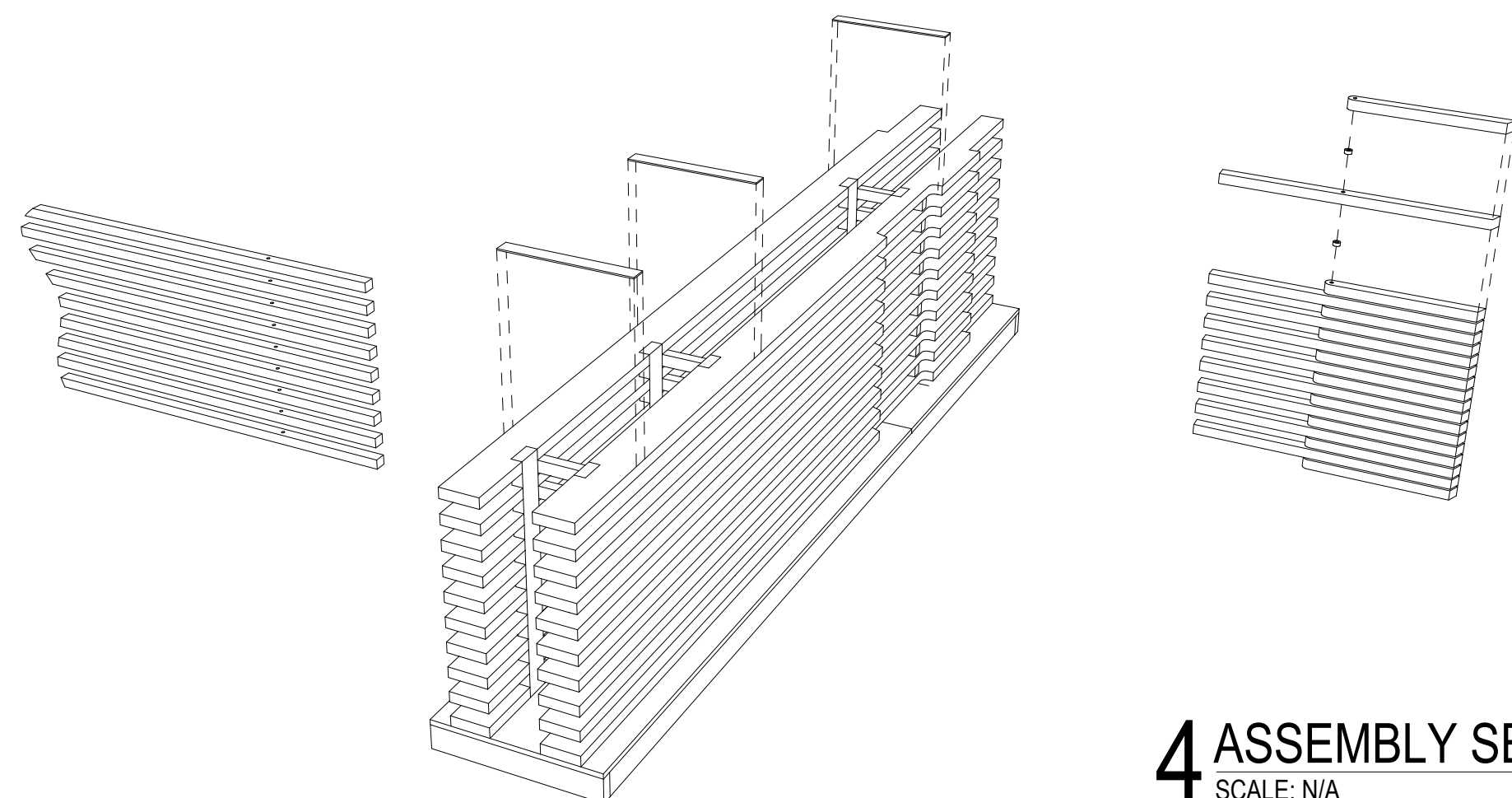
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SCALE: N/A



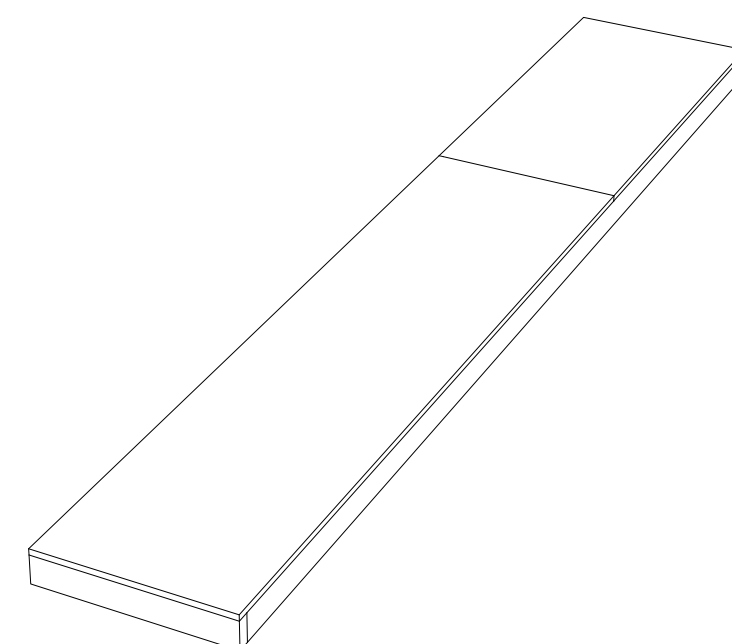
**5 ASSEMBLY SEQUENCE**  
SCALE: N/A



**2 ASSEMBLY SEQUENCE**  
SCALE: N/A



**4 ASSEMBLY SEQUENCE**  
SCALE: N/A



**1 ASSEMBLY SEQUENCE**  
SCALE: N/A

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**WOODHENGE**

DRAWN BY:  
 KYLE BANCROFT  
 TAKUMI DAVIS  
 TAYLOR LATIMER

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PR.06  
 PROTOTYPE ASSEMBLY SEQUENCE