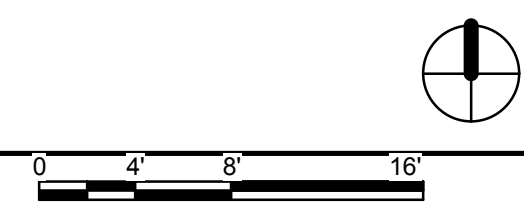
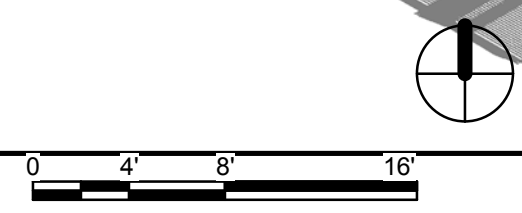


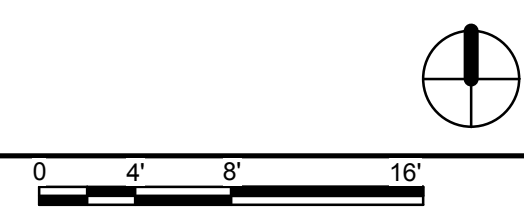
**D1** SHADED PERSPECTIVE 9AM



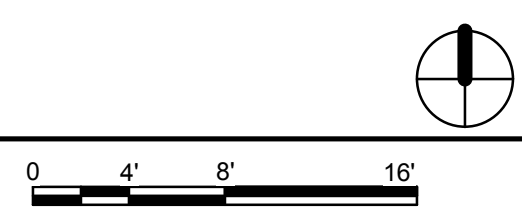
**D4** SHADED PERSPECTIVE 5PM



**A1** SHADED PLAN VIEW 9AM  
1/8" = 1'-0"



**A4** SHADED PLAN VIEW 5PM  
1/8" = 1'-0"



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SHEET TITLE  
**SHADING DIAGRAMS**















































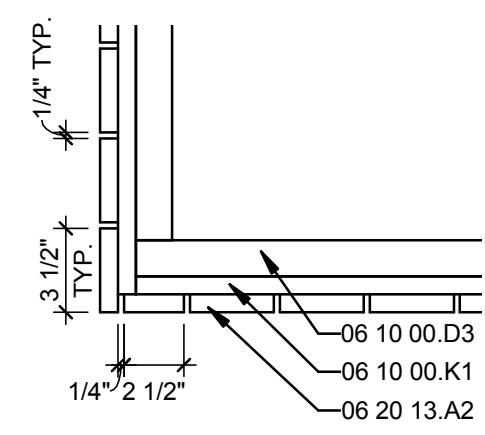




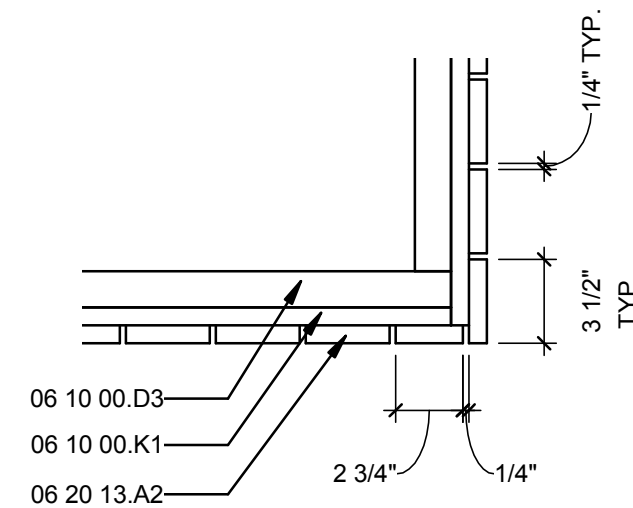




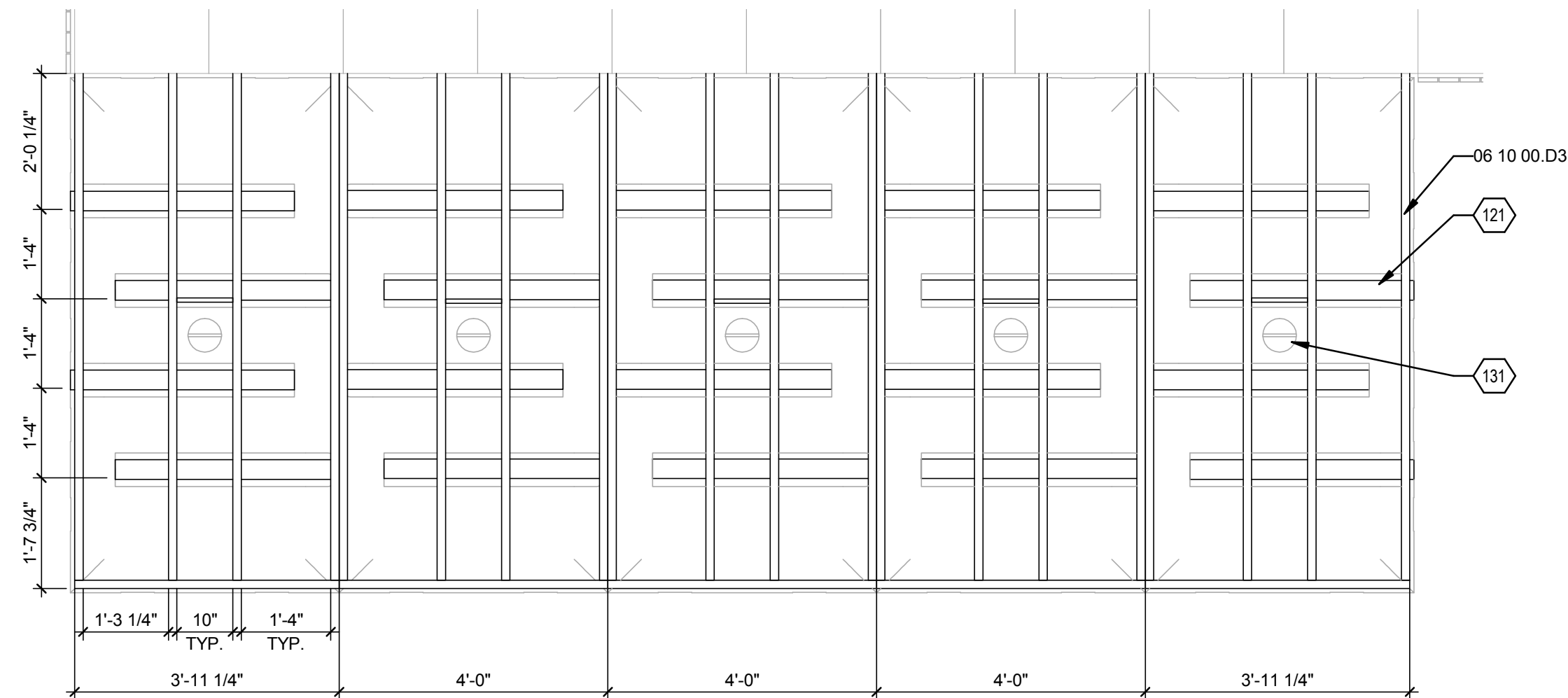




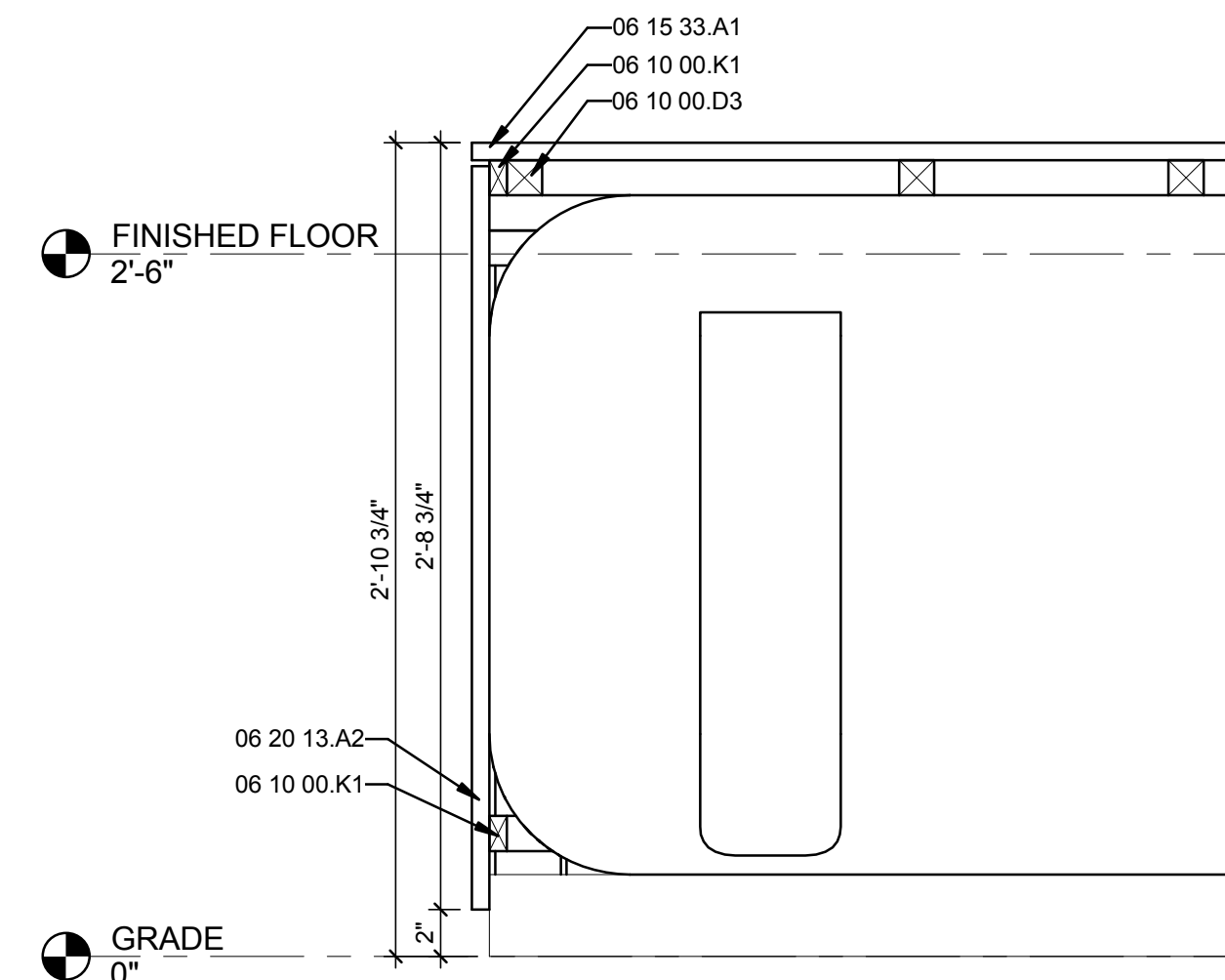
**E1 SHADE STRUCTURE PLAN DETAIL**  
1 1/2" = 1'-0"



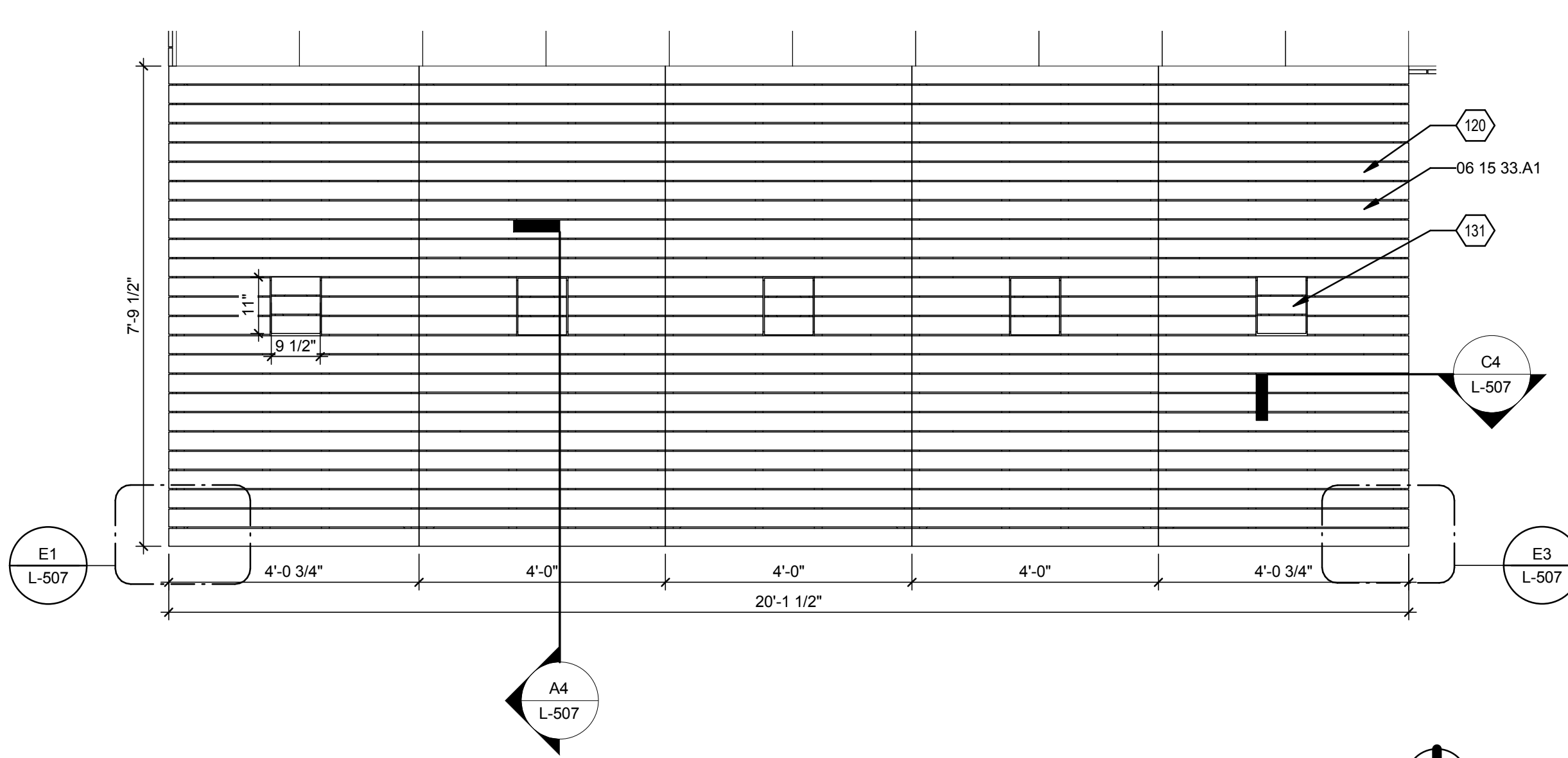
**E3 SHADE STRUCTURE PLAN DETAIL**  
1 1/2" = 1'-0"



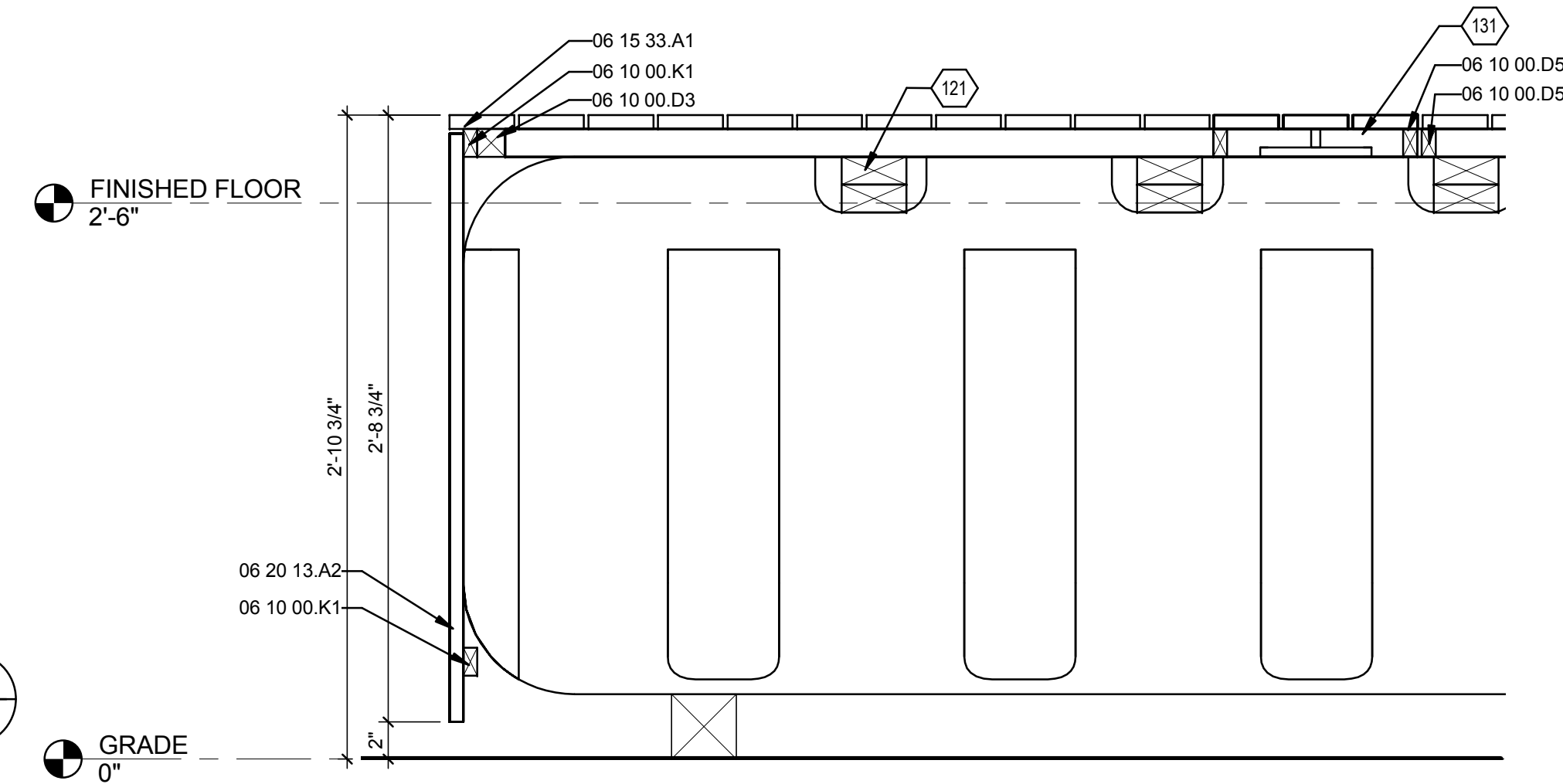
**C1 SHADE STRUCTURE FRAMING PLAN**  
1/2" = 1'-0"



**C4 SHADE STRUCTURE SECTION**  
1 1/2" = 1'-0"



**A1 SHADE STRUCTURE PLAN**  
1/2" = 1'-0"



**A4 SHADE STRUCTURE SECTION**  
1 1/2" = 1'-0"

**GENERAL SHEET NOTES**

**REFERENCE KEYNOTES**

06 10 00.D3	2 X 2 FURRING
06 10 00.D5	1 X 2 FURRING
06 10 00.K1	1 X 2 FURRING ATTACHED TO SKIRT BOARD
06 15 33.A1	1 X 4 WOOD DECKING
06 20 13.A2	1 X 4 CYPRESS SKIRT BOARD

**SHEET KEYNOTES**

120	WATER STORAGE TANK SHADE STRUCTURE, CONSTRUCT IN 4' MODULES.
121	(2) 2 X 4 FRAMING SET INTO GROOVES OF TANK.
131	FRAMED HINGED OPENING TO ACCESS TANK FILL POINT BELOW



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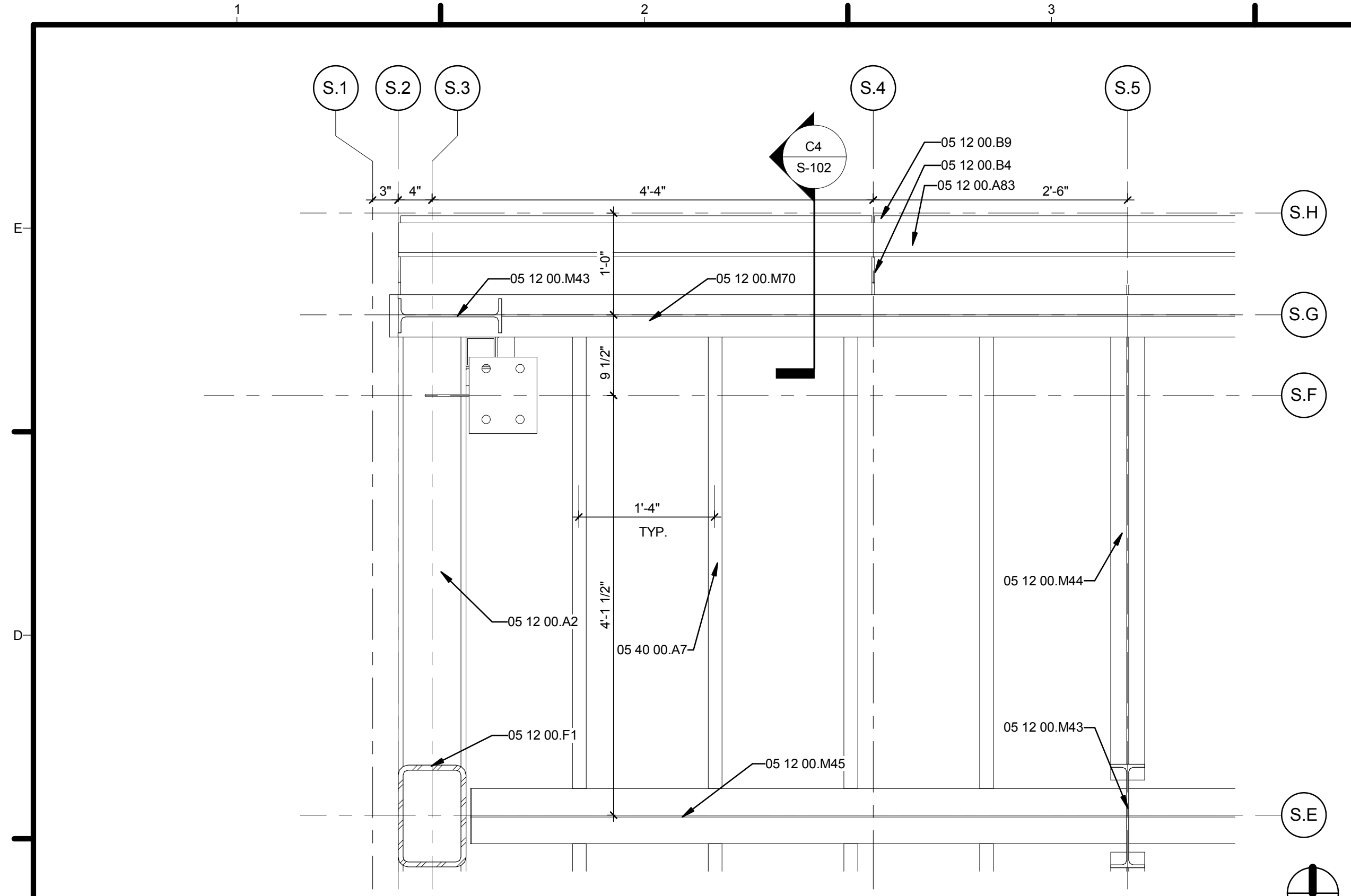
**SHADE STRUCTURE DETAILS**

**L-507**

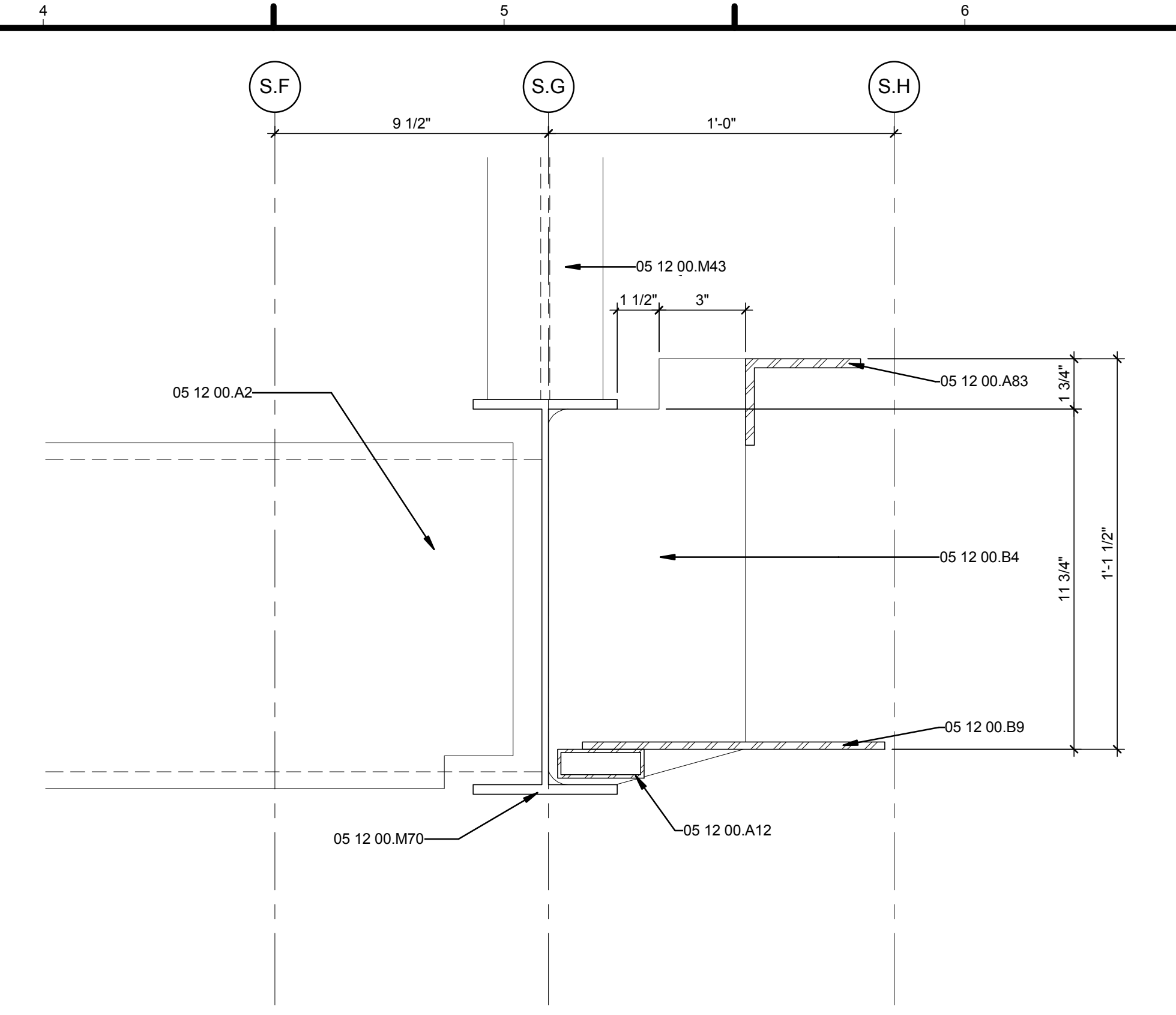




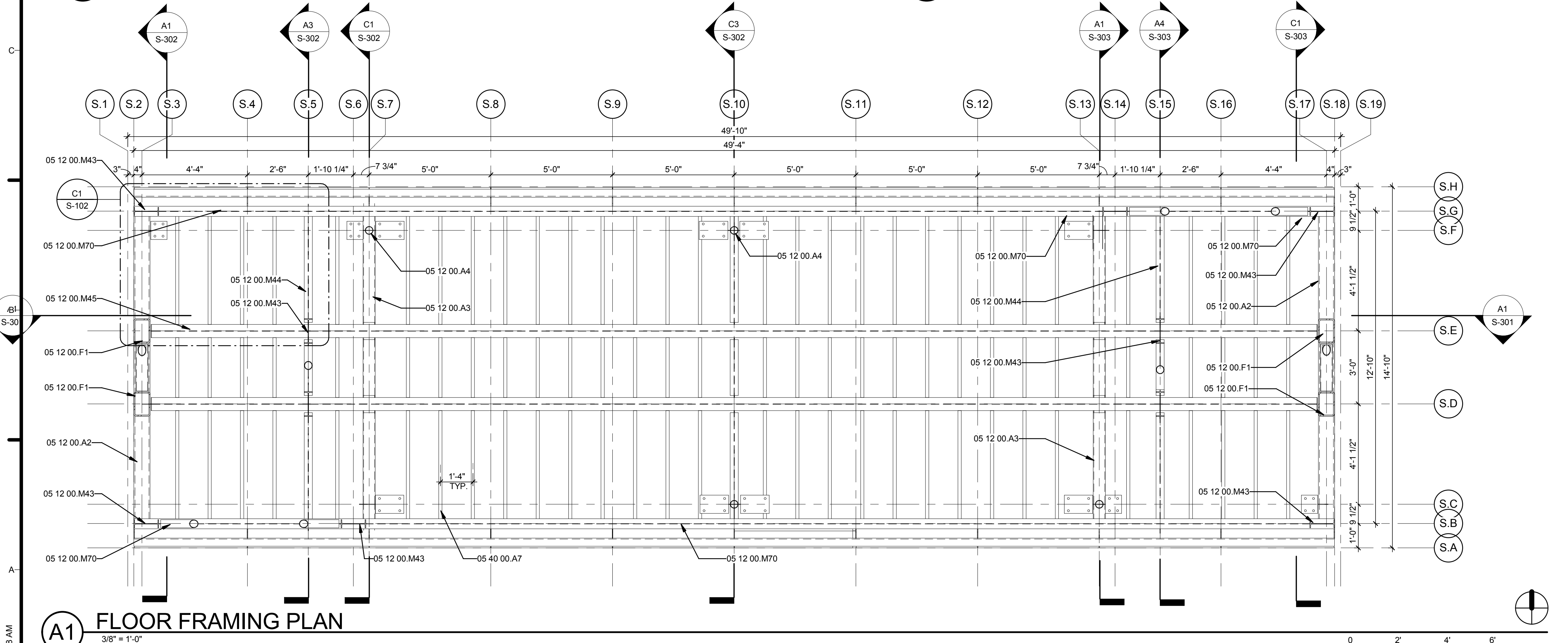




**C1 PLAN DETAIL**  
1" = 1'-0"



**C4 SECTION DETAIL**  
3" = 1'-0"



**A1 FLOOR FRAMING PLAN**  
3/8" = 1'-0"

**GENERAL SHEET NOTES**

**REFERENCE KEYNOTES**

05 12 00.A2	HSS12X8X5/8 BEAM
05 12 00.A3	HSS12X6X5/16 BEAM
05 12 00.A4	HSS4X0.220 COLUMN
05 12 00.A12	HSS3X1X1/8
05 12 00.A83	L4X3X0.3125
05 12 00.B4	5/16" WELDED STIFFENER PLATE
05 12 00.B9	PLATE 1/4" X 10-1/2" X CONT.
05 12 00.F1	HSS12X8X5/8 COLUMN
05 12 00.M43	W12X19 COLUMN
05 12 00.M44	W12X19 BEAM
05 12 00.M45	W12X26 BEAM
05 12 00.M70	W14X22 BEAM
05 40 00.A7	12" "C" JOIST, 16" O.C.

**SHEET KEYNOTES**



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SHEET TITLE  
**FIRST FLOOR FRAMING PLAN**

**S-102**

8/13/2011 10:54:58 AM































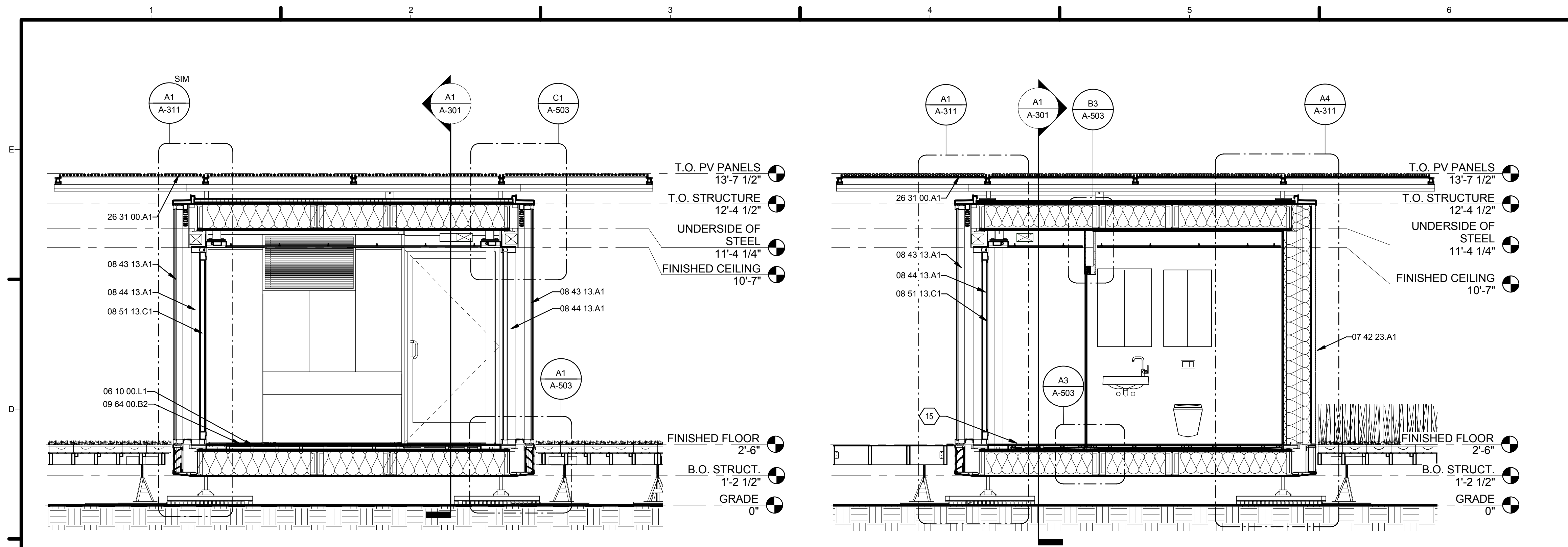






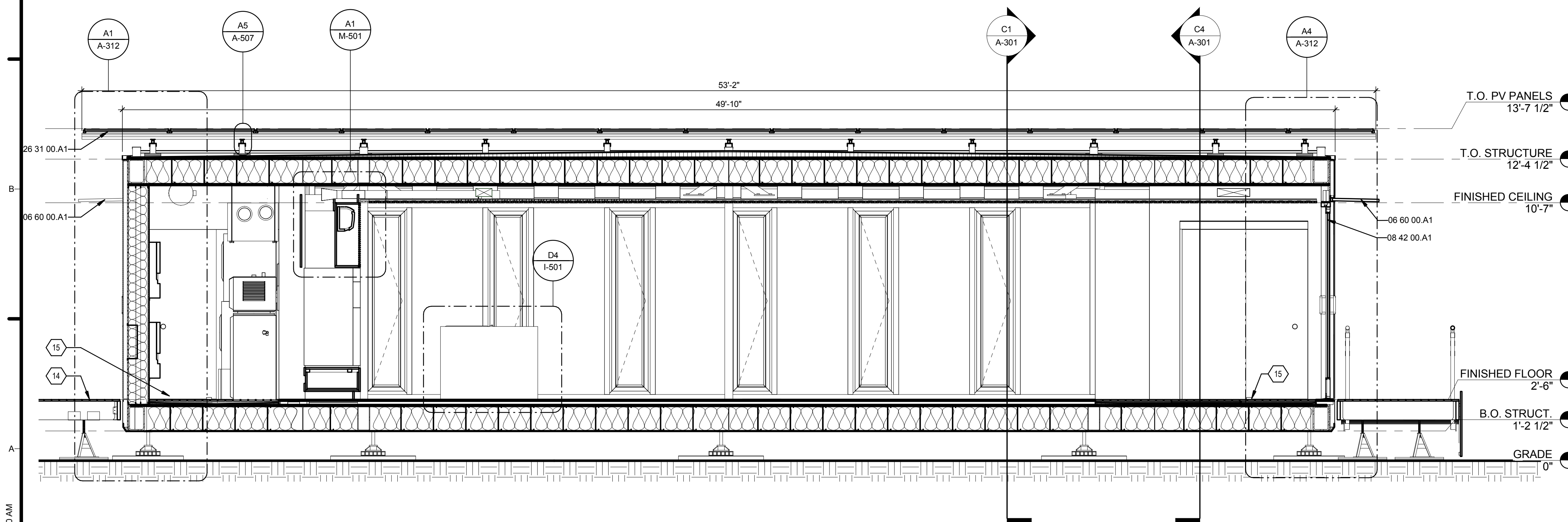






**C1** TRANSVERSE SECTION LOOKING EAST  
3/8" = 1'-0"

**C4** TRANSVERSE SECTION LOOKING WEST  
3/8" = 1'-0"



**A1** LONGITUDINAL SECTION LOOKING NORTH  
3/8" = 1'-0"

**GENERAL SHEET NOTES**

**REFERENCE KEYNOTES**

- 06 10 00.L1 2X WOOD SLEEPER, 12" O.C.
- 06 60 00.A1 1-1/4" ACRYLIC AWNING, FROSTED
- 07 42 23.A1 COMPOSITE WOOD WALL PANELS
- 08 42 00.A1 ENTRANCE
- 08 43 13.A1 ALUMINUM-FRAMED STOREFRONT
- 08 44 13.A1 GLAZED ALUMINUM CURTAIN WALL
- 08 51 13.C1 ALUMINUM CASEMENT WINDOW
- 09 64 00.B2 3/4" HARDWOOD FLOORING
- 26 31 00.A1 PHOTOVOLTAIC COLLECTORS

**SHEET KEYNOTES**

- 14 WOOD DECK, REFERENCE SHEET L-101
- 15 INTERIOR DRAINAGE FLOOR, REFERENCE P-501



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SHEET TITLE

**BUILDING SECTIONS**

**A-301**

















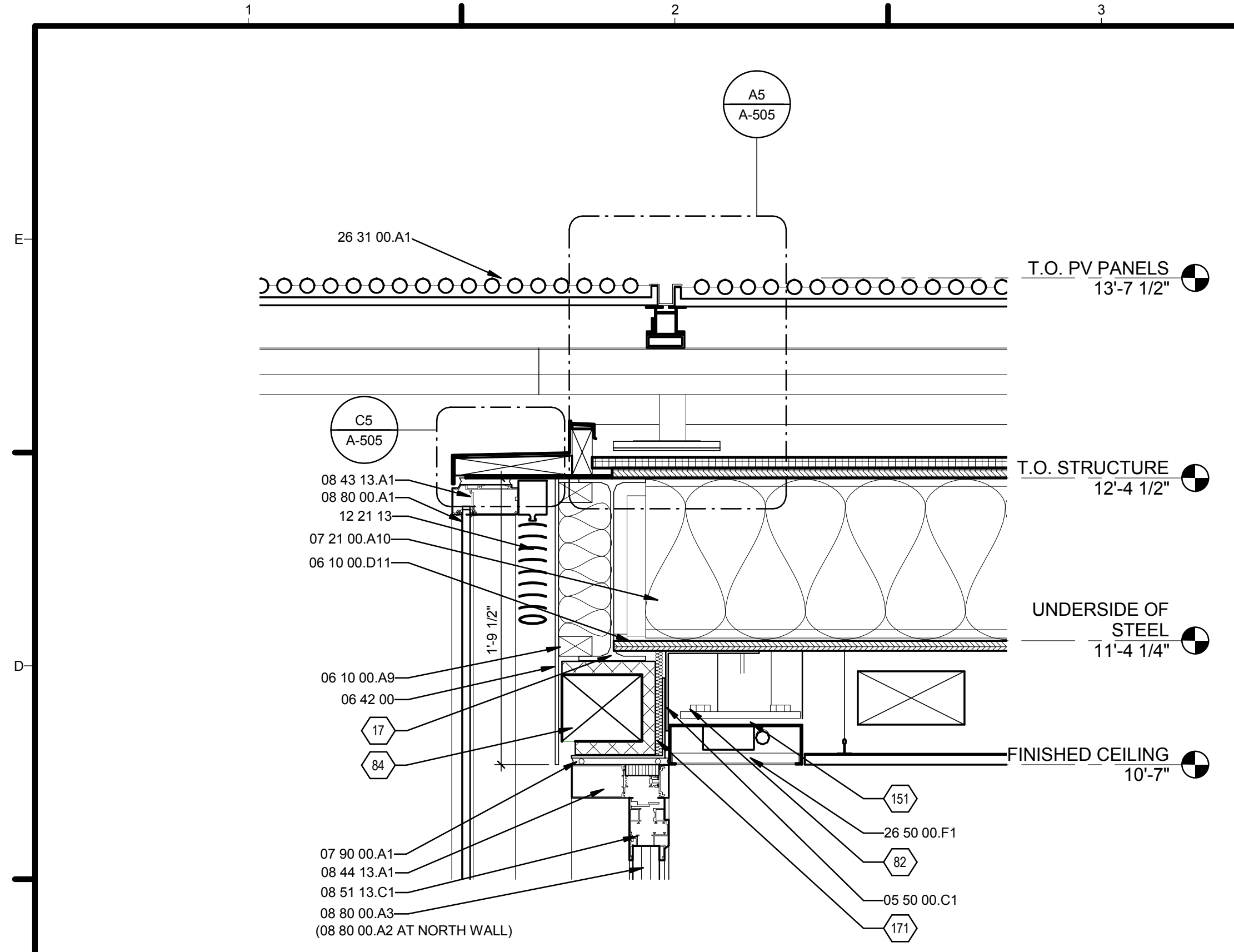




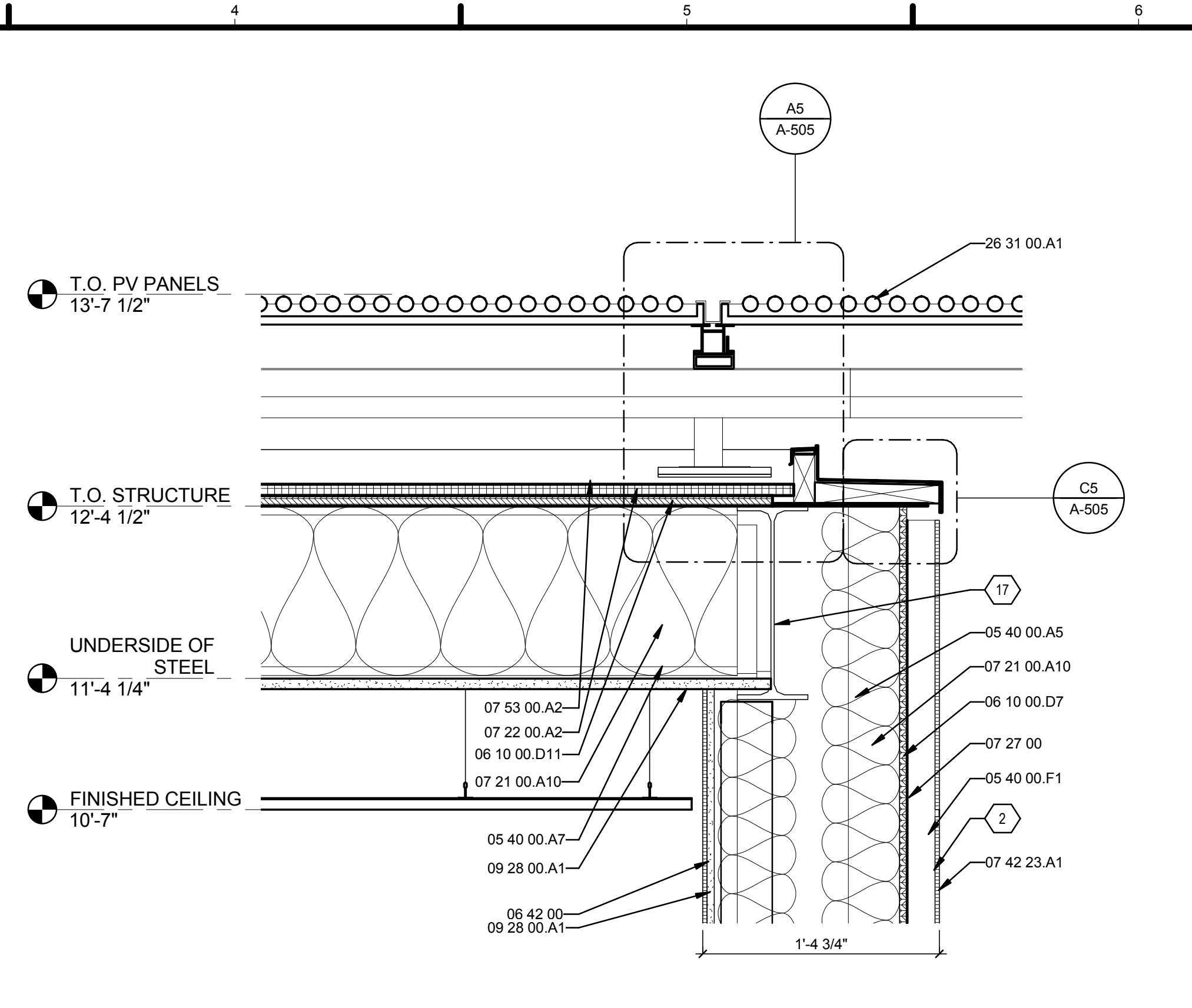




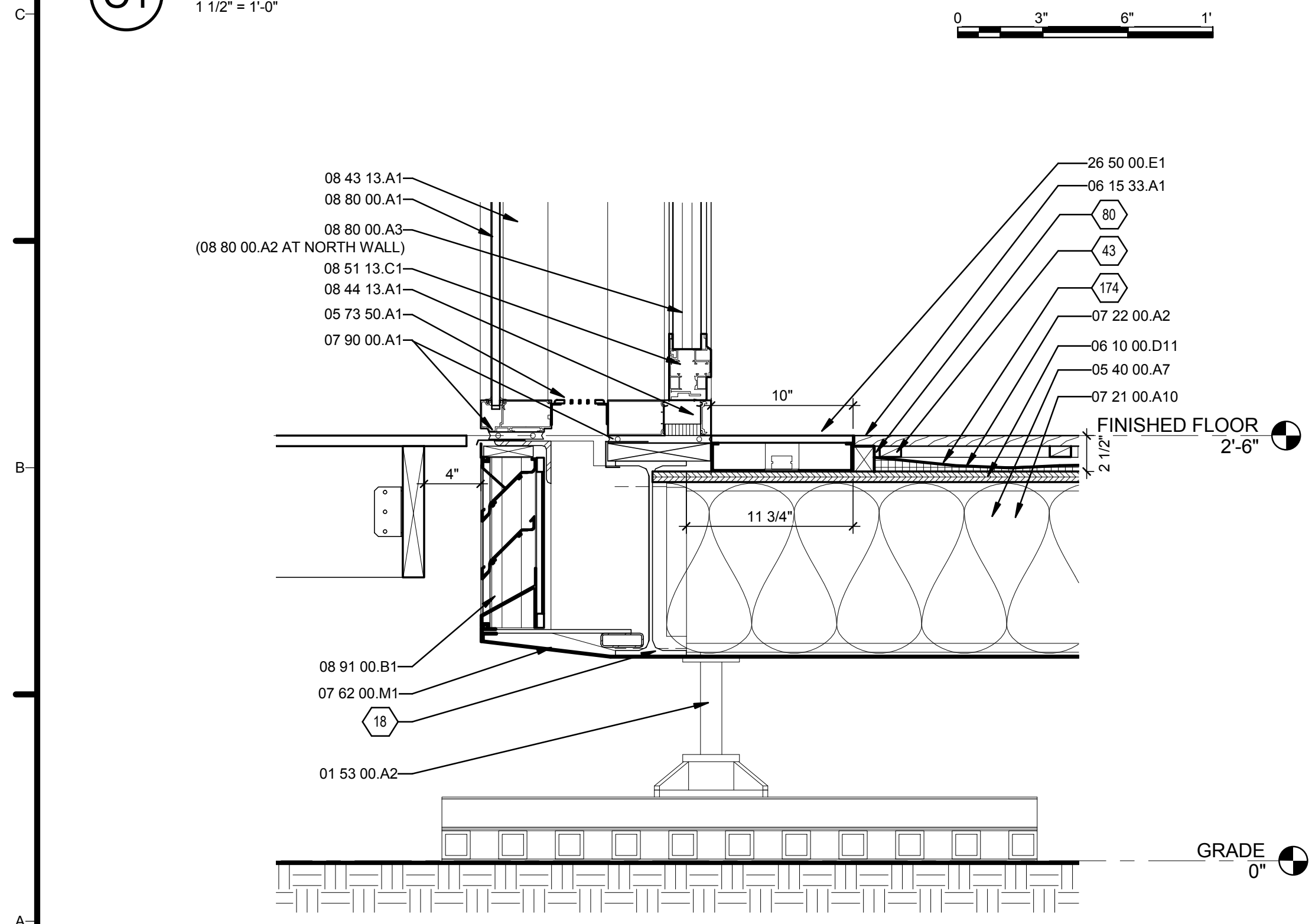




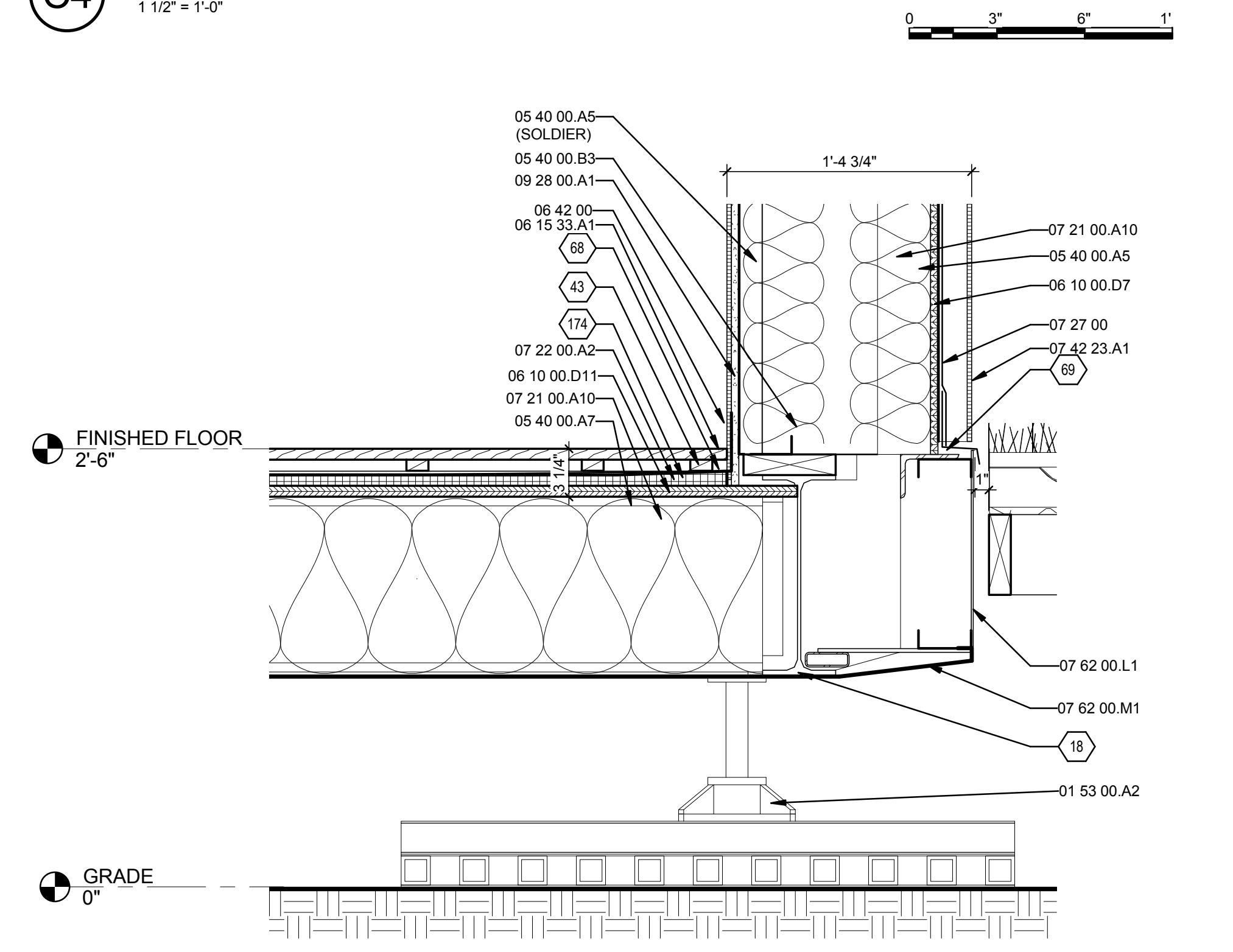
**C1** DOUBLE FACADE HEAD DETAIL AT SOUTH WALL (NORTH WALL SIM.)



**C4** CORE WALL HEAD DETAIL AT NORTH WALL (SOUTH WALL SIM.)



**A1** DOUBLE FACADE SILL DETAIL AT SOUTH WALL (NORTH WALL SIM.)



**A4** CORE WALL SILL DETAIL AT NORTH WALL (SOUTH WALL SIM.)

**GENERAL SHEET NOTES**

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**REFERENCE KEYNOTES**

- 01 53 00.A2 ADJUSTABLE BUILDING FOOTING
- 05 12 00.A5 HSS4X0.220 CROSS BRACING
- 05 40 00.A5 3-5/8" METAL STUD
- 05 40 00.A7 12" "C" JOIST, 16" O.C.
- 05 40 00.B3 3-5/8" CHANNEL STUD
- 05 40 00.F1 2" Z-CHANNEL
- 05 50 00.C1 12" LONG WELDED Z-CLIP COMPOSED OF TWO 6" X 7" X 3/16" STEEL ANGLES, 30° O.C.
- 05 73 50.A1 PERFORATED ALUMINUM GRILLE
- 06 10 00.A9 PRESSURE TREATED BLOCKING
- 06 10 00.D7 1/2" EXTERIOR GRADE PLYWOOD
- 06 10 00.D11 3/4" PLYWOOD
- 06 15 33.A1 1 X 4 WOOD DECKING
- 06 42 00 COMPOSITE WOOD PANELING
- 07 21 00.A10 BATT INSULATION
- 07 22 00.A2 TAPERED RIGID INSULATION
- 07 27 00 WATER RESISTIVE WEATHER BARRIER
- 07 42 23.A1 COMPOSITE WOOD WALL PANELS
- 07 53 00.A2 EPDM ROOFING
- 07 62 00.L1 ALUMINUM PANEL
- 07 62 00.M1 SHEET METAL BELLY PAN
- 07 90 00.A1 1/2" SEALANT WITH BACKER ROD
- 08 43 13.A1 ALUMINUM-FRAMED STOREFRONT
- 08 44 13.A1 GLAZED ALUMINUM CURTAIN WALL
- 08 51 13.C1 ALUMINUM CASEMENT WINDOW
- 08 80 00.A1 9/16" SINGLE PANE GLASS
- 08 80 00.A3 2" SUSPENDED FILM GLASS, TRANSLUCENT
- 08 91 00.B1 4" FIXED ALUMINUM LOUVER
- 09 28 00.A1 CEMENTITIOUS BACKING BOARDS
- 12 21 13 HORIZONTAL LOUVER BLINDS
- 26 31 00.A1 PHOTOVOLTAIC COLLECTORS
- 26 50 00.E1 4" COLOR CHANGE LED LAMP IN 10" WIDE CUSTOM ALUMINUM CHANNEL WITH 1/2" FROSTED TEMPERED GLASS COVER
- 26 50 00.F1 4" TUBULAR FLUORESCENT LAMP IN 10" WIDE CUSTOM ALUMINUM CHANNEL WITH LOUVER BAFFLE

**SHEET KEYNOTES**

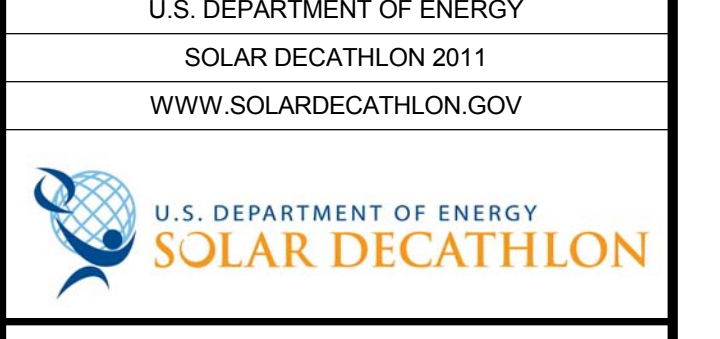
- 2 WOOD FACADE PANELS ATTACHED ON 2" VERTICAL Z-CHANNEL SUPPORTS. REFERENCE A-404 FOR SUPPORT LOCATIONS
- 17 STEEL BEAM, REFERENCE SHEET S-103
- 18 STEEL BEAM, REFERENCE SHEET S-102
- 43 1 X 2 CYPRESS STRINGER, WATERPROOFED, 12" O.C. PROVIDE SLOPED SHIMMING AS NEEDED AT TAPERED INSULATION. NOTCH TO ALLOW FOR WATER TO FLOW TO FLOOR DRAIN.
- 68 WATERPROOF MEMBRANE - TURN UP COUNTERFLASHING 6" BEHIND WALL FINISH
- 69 FLASHING, TURN UP 6" BEHIND AIR BARRIER
- 80 WATERPROOF MEMBRANE, WRAP OVER TOP OF CURB
- 82 BLOCKING FOR LIGHT TROUGH, BEYOND INSULATED DUCT WITH VARIABLE SLOTTED OPENING, REFERENCE MECHANICAL FOR DUCT SIZE. SIZE OF OPENINGS TO BE COORDINATED WITH PROJECT ENGINEER.
- 151 BLOCK AS NEEDED TO SUPPORT LIGHT TROUGH
- 171 PROVIDE ADDITIONAL INSULATION ABOVE DUCT AND AT STEEL SUPPORT ANGLES
- 174 TAPERED INSULATION TO SLOPE TO FLOOR DRAINS



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SHEET TITLE

WALL DETAILS

**A-502**











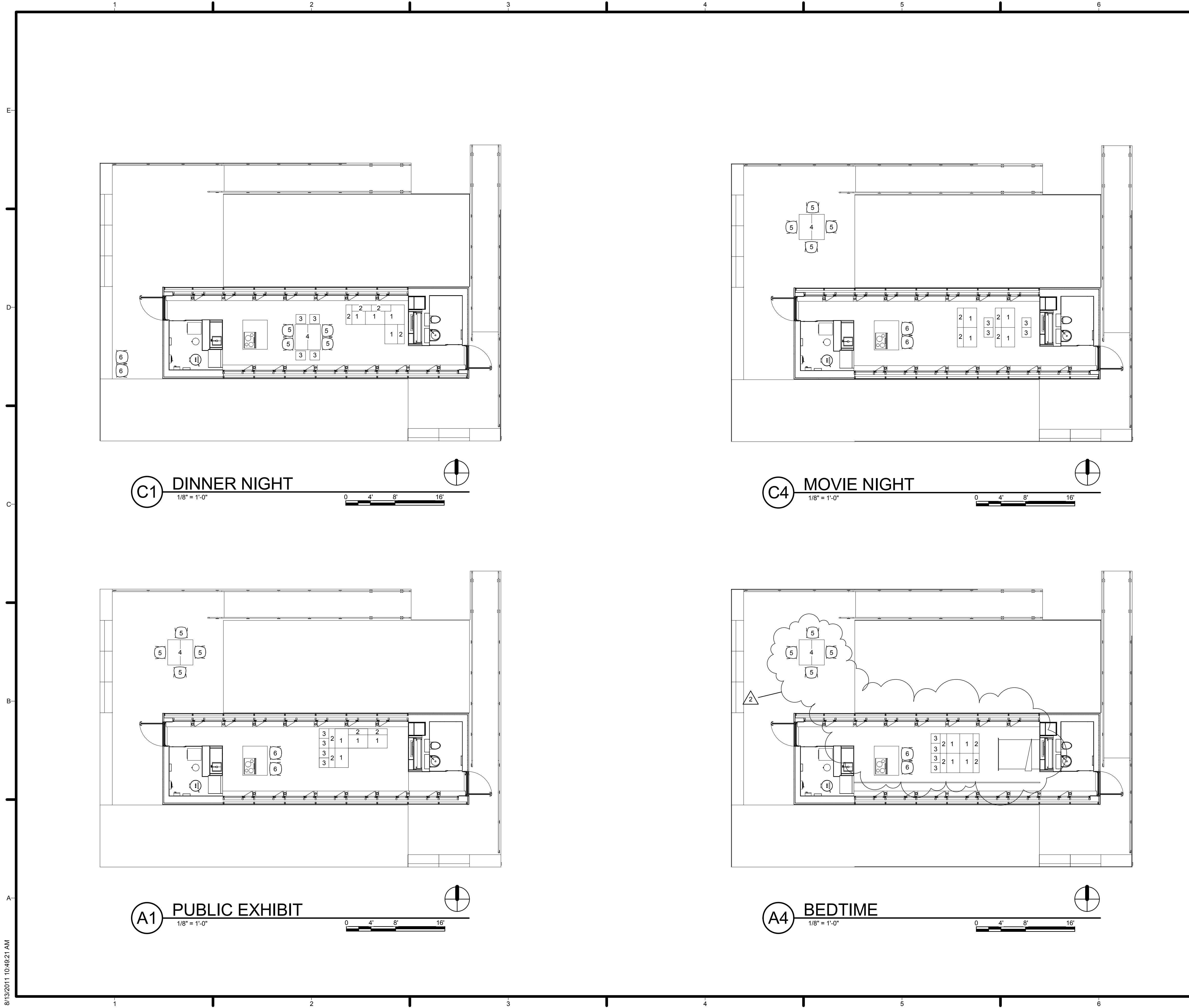












**GENERAL SHEET NOTES**

- 1. REFERENCE SHEET I-601 FOR FURNITURE SCHEDULE.
- 2. ALL LOOSE FURNITURE TO BE PROVIDED BY OTHERS.

**REFERENCE KEYNOTES**

**SHEET KEYNOTES**



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SHEET TITLE  
**INTERIORS PLAN**

**I-101**









































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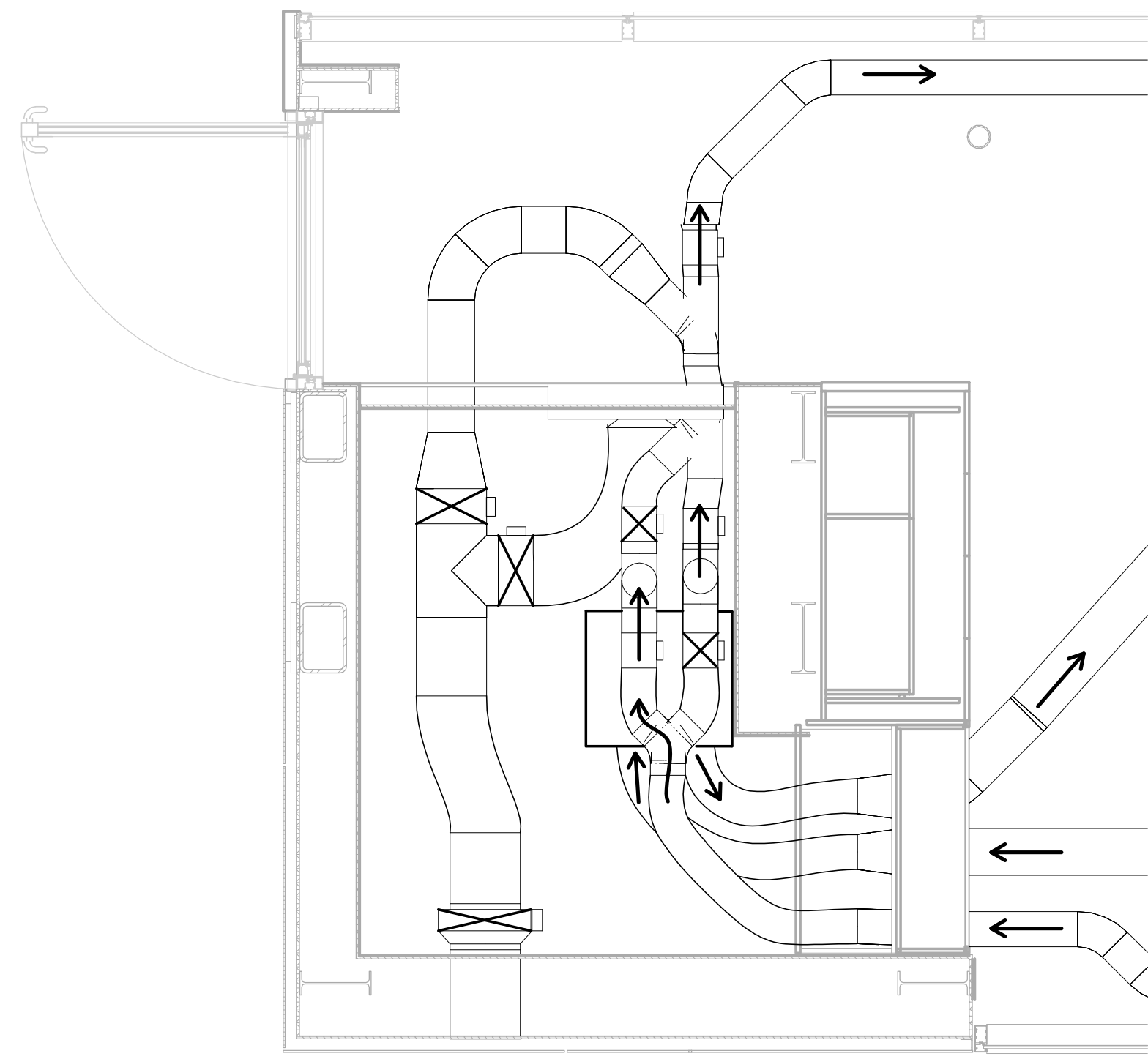
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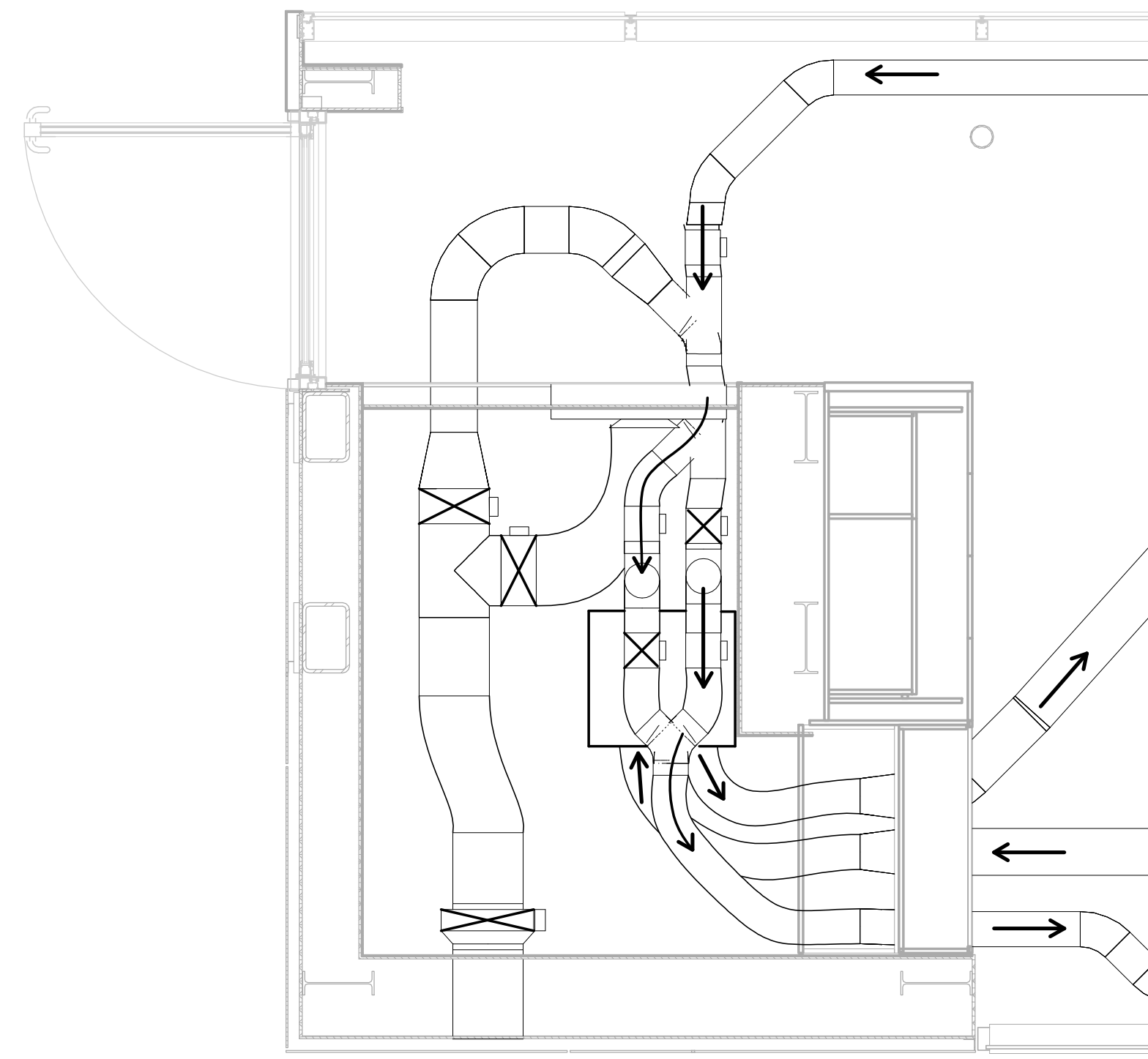
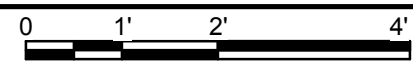
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SHEET TITLE  
**VENTILATION SYSTEM PLANS**

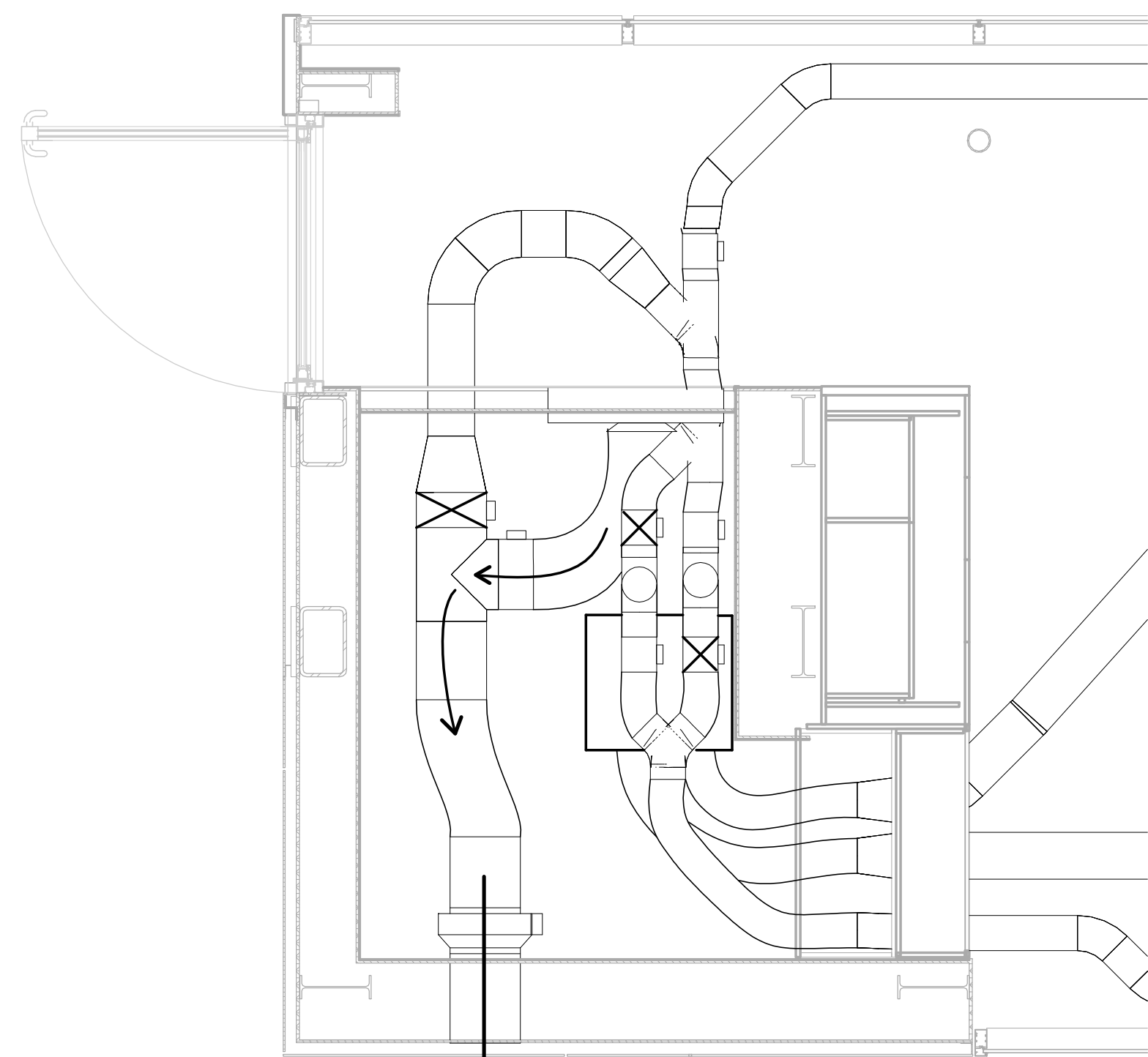
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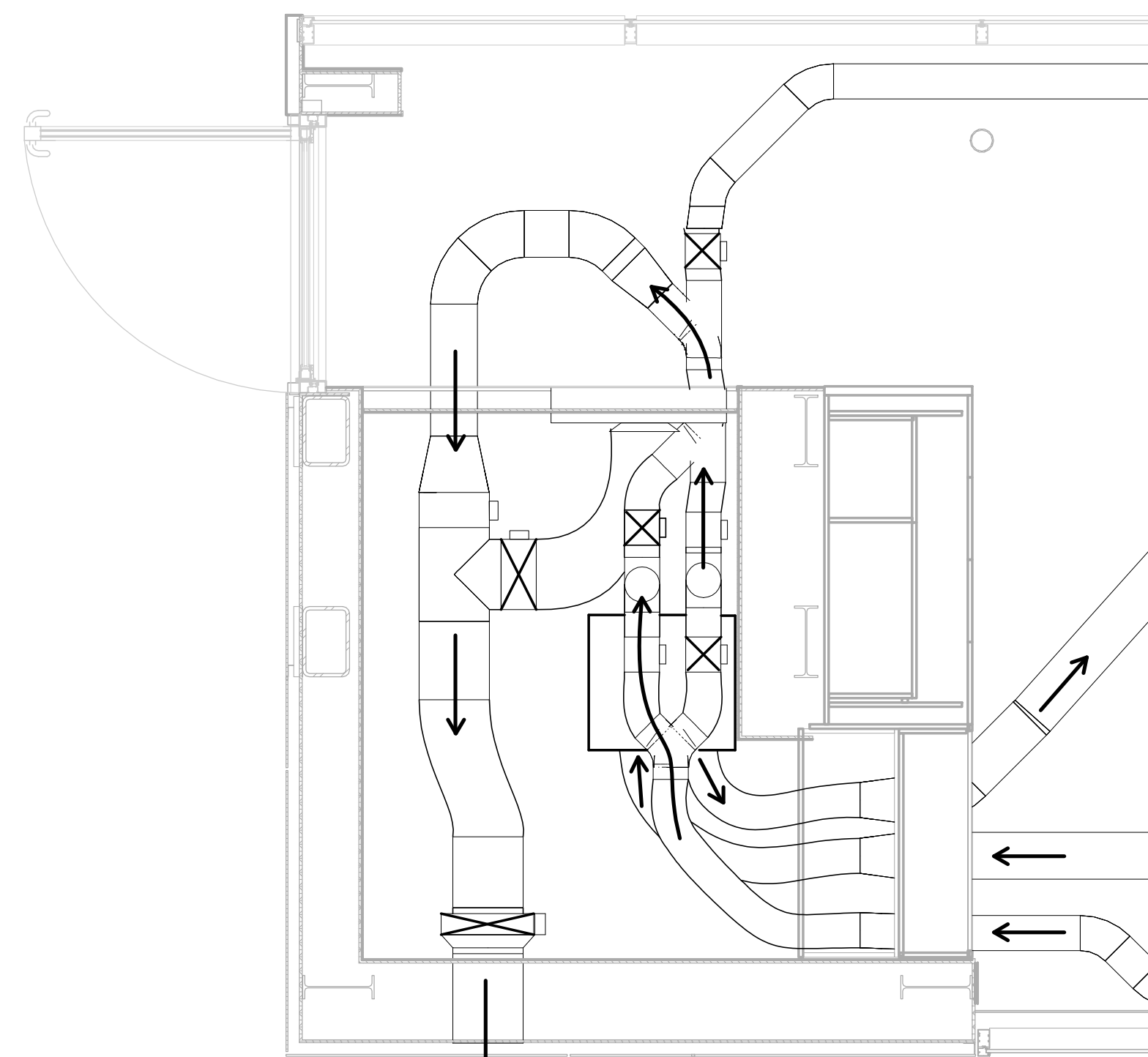
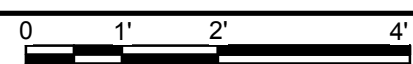
**C1 HEATING PLAN**  
 1/2" = 1'-0"



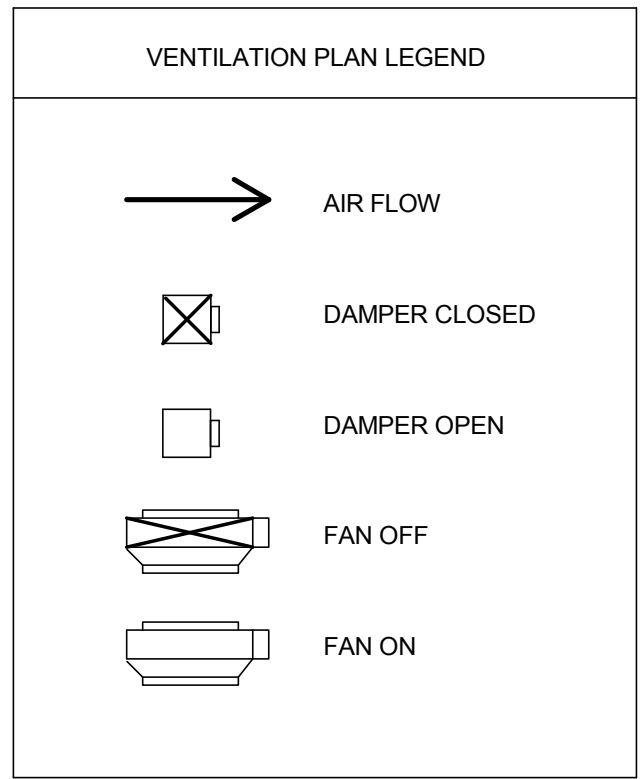
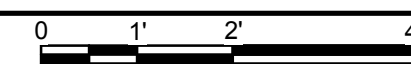
**C4 COOLING PLAN**  
 1/2" = 1'-0"



**A1 VENTILATING PLAN**  
 1/2" = 1'-0"



**A4 COOKING/BATHROOM EXHAUST**  
 1/2" = 1'-0"



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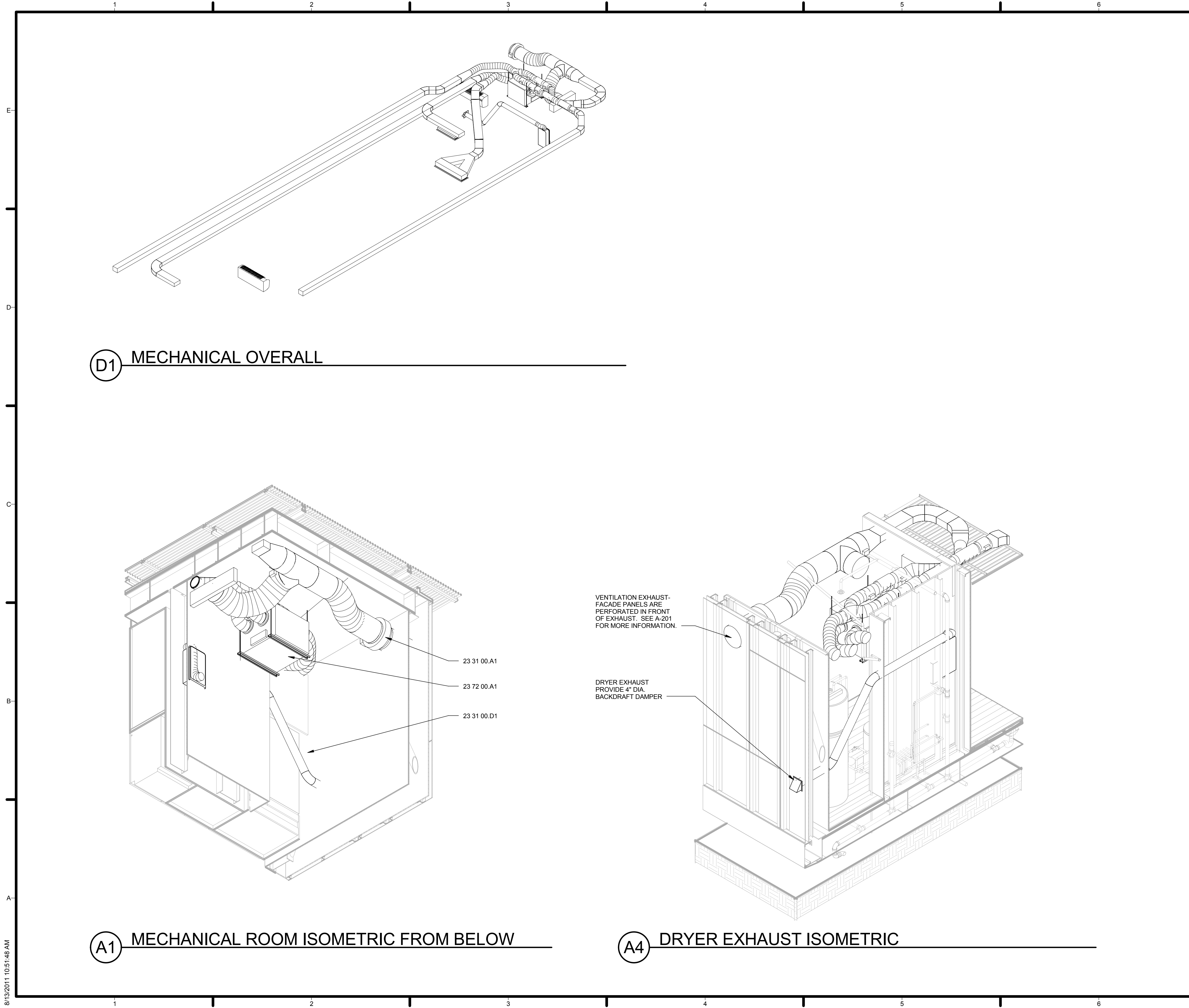












**D1 MECHANICAL OVERALL**

**A1 MECHANICAL ROOM ISOMETRIC FROM BELOW**

**A4 DRYER EXHAUST ISOMETRIC**

**GENERAL SHEET NOTES**

**REFERENCE KEYNOTES**

23 31 00.A1 CENTRIFUGAL HVAC FAN  
 23 72 00.A1 ENERGY RECOVERY VENTILATOR

**SHEET KEYNOTES**



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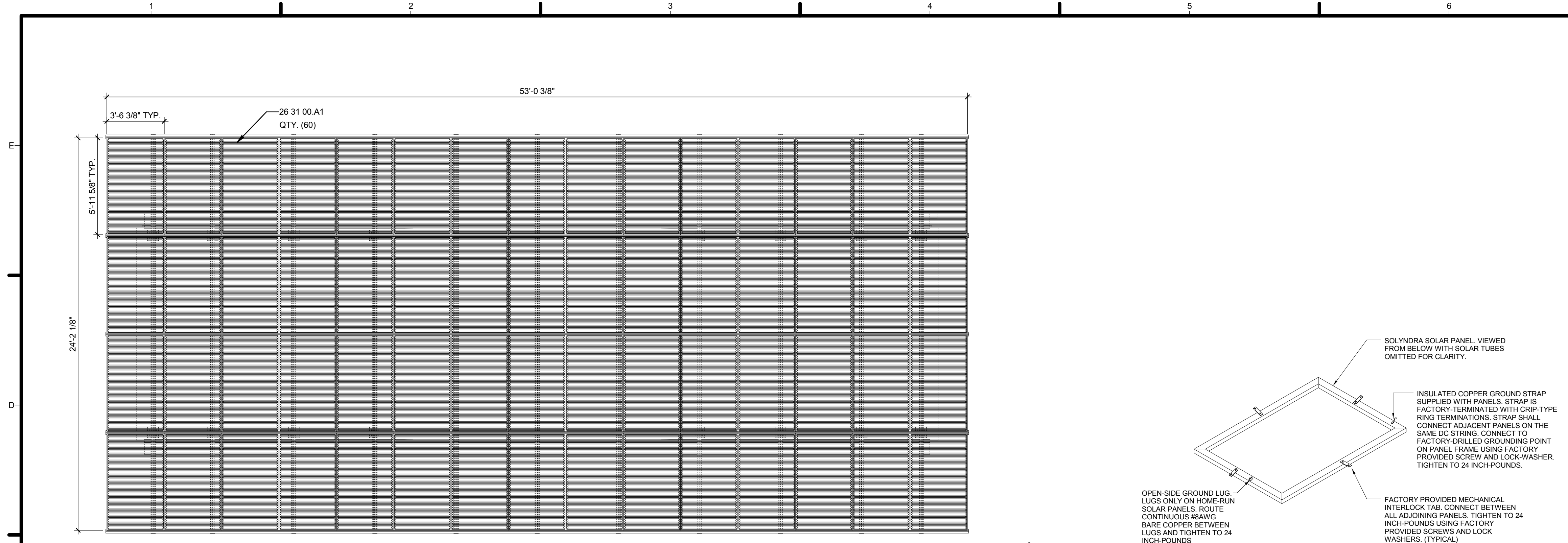
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**HVAC ISOMETRICS**

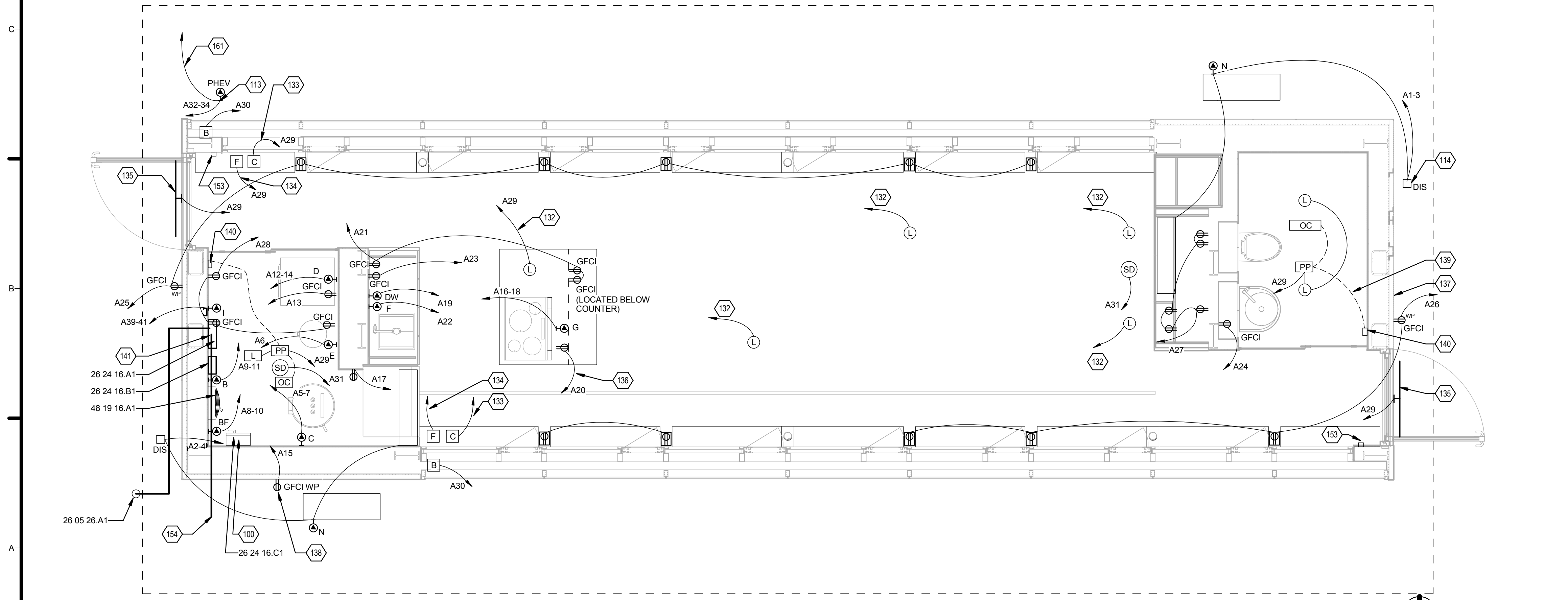
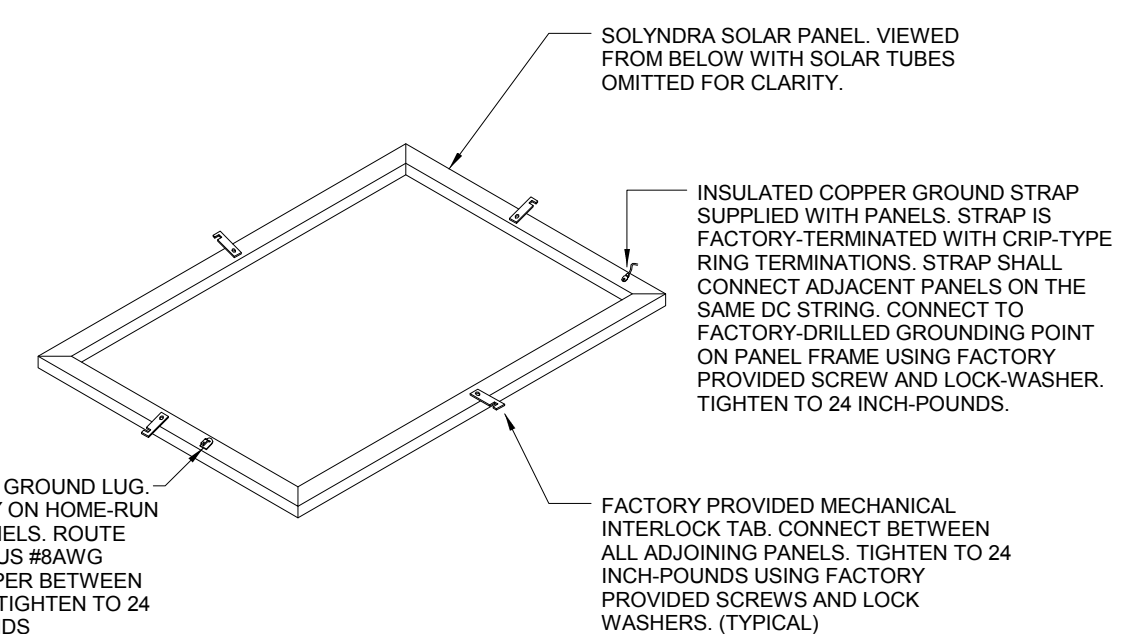
**M-901**





**C1** PHOTOVOLTAIC PLAN  
1/4" = 1'-0"

**C5** PV PANEL GROUNDING DETAIL  
NOT TO SCALE



**A1** ELECTRICAL DISTRIBUTION PLAN  
3/8" = 1'-0"

**GENERAL SHEET NOTES**

1. REFERENCE SHEET E-201 FOR LOCATION OF ELECTRICAL EQUIPMENT WITHIN MECHANICAL ROOM.
2. ALL RECEPTACLES SHALL BE TAMPER-RESISTANT.
3. REFERENCE SHEET E-603 FOR ELECTRICAL SYMBOL LEGEND.
4. REFERENCE C1/M-501 FOR LOCATIONS OF HVAC DAMPER ACTUATORS AND HOUSE VENTILATION IN-LINE FAN. CONNECT ACTUATORS AND FAN TO CIRCUIT A30.
5. 'WP' INDICATES THAT EXTERIOR RECEPTACLE SHALL BE PROVIDED WITH A WATERPROOF IN-USE COVER COMPLIANCE WITH NEC 406.8 (B)(1).
6. REFERENCE SHEET E-102 FOR LIGHT FIXTURE SPECIFICATIONS.
7. REFERENCE SHEET G-104 FOR VILLAGE GRID CONNECTION.

**REFERENCE KEYNOTES**

26 05 26.A1	8" LONG 5/8" DIAMETER ZINC-COATED STEEL GROUNDING ROD
26 24 16.A1	DISTRIBUTION PANEL
26 24 16.B1	SOLAR LOAD CENTER
26 24 16.C1	DC DISCONNECT COMBINER
26 31 00.A1	PHOTOVOLTAIC COLLECTORS
48 19 16.A1	INVERTER

**SHEET KEYNOTES**

- 100 PV PANEL WIRING THROUGH WEATHERHEAD TO DC DISCONNECT PANELS IN MECHANICAL ROOM BELOW. REFERENCE SHEET E-602 FOR PV PANEL WIRING DIAGRAM.
- 113 PROVIDE #8, #10 GROUND IN 3/4" CONDUIT FROM PANEL TO EXTERIOR OF HOUSE. PROVIDE AND INSTALL NEMA L14-50 TYPE WATERTIGHT TWIST-LOCK RECEPTACLE BELOW DECK LEVEL ON WEST END OF HOUSE. COORDINATE EXACT LOCATION WITH ARCHITECT AND DECKING PLANS.
- 114 PROVIDE #12, #12 GROUND IN 3/4" CONDUIT FROM PANEL TO EXTERIOR OF HOUSE. PROVIDE AND INSTALL NEMA L14-20 TYPE WATERTIGHT TWIST-LOCK RECEPTACLE BELOW DECK LEVEL ON WEST END OF HOUSE. COORDINATE EXACT LOCATION WITH ARCHITECT AND DECK PLANS.
- 132 ROUTE TO DEDICATED CHANNEL ON 8-CHANNEL DIMMER FOR CONTROL BY C-BUS NETWORK. REFERENCE SHEET T-601.
- 133 ROUTE THROUGH RELAY RA-2 FOR CONTROL BY C-BUS NETWORK. REFERENCE SHEET T-101.
- 134 ROUTE THROUGH RELAY RA-3 FOR CONTROL BY C-BUS NETWORK. REFERENCE SHEET T-101.
- 135 ROUTE THROUGH RELAY RA-4 FOR CONTROL BY C-BUS NETWORK. REFERENCE SHEET T-101.
- 136 REFERENCE SHEET T-601 FOR DOWNDRAFT CONTROL WIRING
- 137 CONTRACTOR SHALL PROVIDE 1-1/2" GRS CONDUIT BELOW FLOOR THROUGH EXISTING HOLES IN STEEL FRAME. CONDUIT SHALL EXTEND TO WEST END OF STRUCTURE.
- 138 LOCATE BELOW DECKING FOR CONNECTION OF WASTE WATER
- 139 CLASS 2 LOW-VOLTAGE WIRING
- 140 LOW VOLTAGE PUSHBUTTON WIRED TO POWER PACK RELAY TO PROVIDE MANUAL ON/OFF CONTROL OF ROOM LIGHTING
- 141 CURRENT TRANSFORMERS HOUSED INSIDE DISTRIBUTION PANEL
- 153 5-BUTTON DIGITAL LOW VOLTAGE WALL STATION. CONNECT TO C-BUS NETWORK FOR CONTROL OF LIGHTING SYSTEMS. REFERENCE SHEET T-601. AT A MINIMUM, STATION SHALL PROVIDE ONE 'ALL-ON' LIGHTING SCENE AND SHALL ALSO PROVIDE TOGGLE CONTROL OF EXTERIOR LIGHTING FIXTURES.
- 154 TO ORGANIZER'S METER LOCATED ON SIDE OF DECK. REFERENCE SHEET G-104.
- 161 PROVIDE WEATHER RESISTANT TYPE "SOOW" CORD WITH 2#8, #10G CONDUCTORS FROM RECEPTACLE TO PHEV CHARGER. TERMINATE ONE END OF THE CORD TO THE PHEV CHARGER PER MANUFACTURER'S INSTRUCTIONS. TERMINATE THE OTHER END TO A WEATHERPROOF TWISTLOCK PLUG. REFERENCE DRAWINGS A1/L-101 & A1/L-201 FOR PHEV CHARGER LOCATION.

**LIVING LIGHT**

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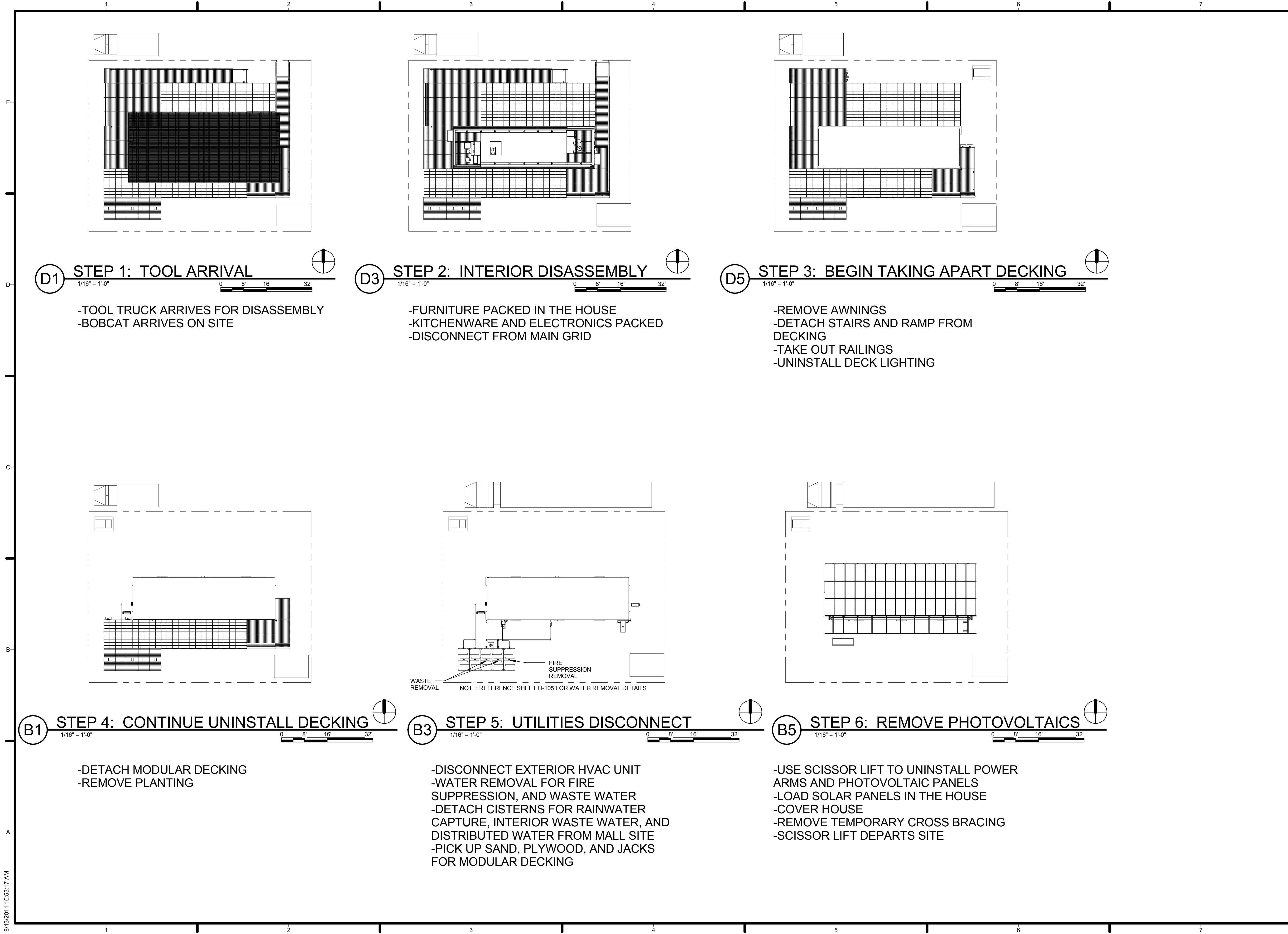


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SHEET TITLE  
**DISASSEMBLY SEQUENCE PHASE 1**

**O-103**



**D1** STEP 1: TOOL ARRIVAL  
 1/16" = 1'-0" 0 8' 16' 32"

- TOOL TRUCK ARRIVES FOR DISASSEMBLY
- BOBCAT ARRIVES ON SITE

**D3** STEP 2: INTERIOR DISASSEMBLY  
 1/16" = 1'-0" 0 8' 16' 32"

- FURNITURE PACKED IN THE HOUSE
- KITCHENWARE AND ELECTRONICS PACKED
- DISCONNECT FROM MAIN GRID

**D5** STEP 3: BEGIN TAKING APART DECKING  
 1/16" = 1'-0" 0 8' 16' 32"

- REMOVE AWNINGS
- DETACH STAIRS AND RAMP FROM DECKING
- TAKE OUT RAILINGS
- UNINSTALL DECK LIGHTING

**B1** STEP 4: CONTINUE UNINSTALL DECKING  
 1/16" = 1'-0" 0 8' 16' 32"

- DETACH MODULAR DECKING
- REMOVE PLANTING

**B3** STEP 5: UTILITIES DISCONNECT  
 1/16" = 1'-0" 0 8' 16' 32"

- DISCONNECT EXTERIOR HVAC UNIT
- WATER REMOVAL FOR FIRE SUPPRESSION, AND WASTE WATER
- DETACH CISTERNS FOR RAINWATER CAPTURE, INTERIOR WASTE WATER, AND DISTRIBUTED WATER FROM MALL SITE
- PICK UP SAND, PLYWOOD, AND JACKS FOR MODULAR DECKING

**B5** STEP 6: REMOVE PHOTOVOLTAICS  
 1/16" = 1'-0" 0 8' 16' 32"

- USE SCISSOR LIFT TO UNINSTALL POWER ARMS AND PHOTOVOLTAIC PANELS
- LOAD SOLAR PANELS IN THE HOUSE
- COVER HOUSE
- REMOVE TEMPORARY CROSS BRACING
- SCISSOR LIFT DEPARTS SITE





