



April 11, 2006
PDG Domus 060323-1

Plant Manufacturing Manual

PDG Domus Manufacturing LLC

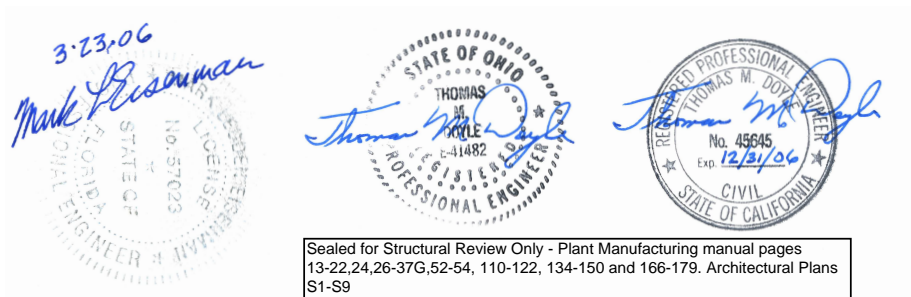


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In Plant QA Sign-Off DATA PLATE

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Plant #	Year Identifier	Unique item identifier	Model/Serial #
1	02022003	A	Hartford 1

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Major Component	Date	Associates Name	Associates #
A			

Structural Cell Assembly

NOTES:

Steel
Floor Assembly
Insulation foam
Electrical
Plumbing
Welding

Exterior Wall Assembly (front A)

Steel
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Doors
Windows
Welding
Plumbing

Exterior Wall Assembly (side B)

Steel
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Doors
Windows
Welding
Plumbing

Exterior Wall Assembly (side D)

Steel
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Doors
Windows
Welding
Plumbing



In Plant QA Sign-Off DATA PLATE

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Plant #	Year Identifier	Unique item identifier	Model/Serial #
1	02022003	A	Hartford 1

Major Component	Date	Associates Name	Associates #
A			

Ceiling Assembly

Steel
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Welding

Interior Wall Assembly

Steel
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Doors
Welding
Plumbing
Shelves
Cabinets

Cell A Assembly

Structural Cell Assembly
Exterior Wall Assembly (front)
Exterior Wall Assembly (side)
Exterior Wall Assembly (side)
Ceiling Assembly
Interior Wall Assembly
Insulation foam
Drywall
Trim
Paint
Plaster finishing
Electrical
Doors
Windows
Plumbing
Shelves
Cabinets
HVAC
Floor covering/carpet



**In Plant QA Sign-Off
DATA PLATE**

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Plant #	Year Identifier	Unique item identifier	Model/Serial #
1	02022003	A	Hartford 1

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Major Component	Date	Associates Name	Associates #
A			

Foundation Pilaster NOTES:

Rat wall/varmint guard
Welding
Coating

Shipping NOTES:

Cleaning
Canvas covering for cell shipping
Materials kit to finish home at site
Assembly manual/site drawings
Shipping document

Finished Product Examples Exterior View



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Front view



Front view



Side view



Side view



Rear view

Finished Product Examples Interior View



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Staircase, view from Kitchen



View from Living room



1st floor Bathroom



Living room



Kitchen



3rd floor Bedroom/Loft

Home Assembly Steps



STEP 1: Cell A



STEP 2: Cell B



STEP 3: Cell D



STEP 4: Cell E



STEP 5: G1 (End Gable)



STEP 6: G2 (End Gable)

Home Assembly Steps



STEP 7: L1 & U1 (Lower & Upper roof sections)



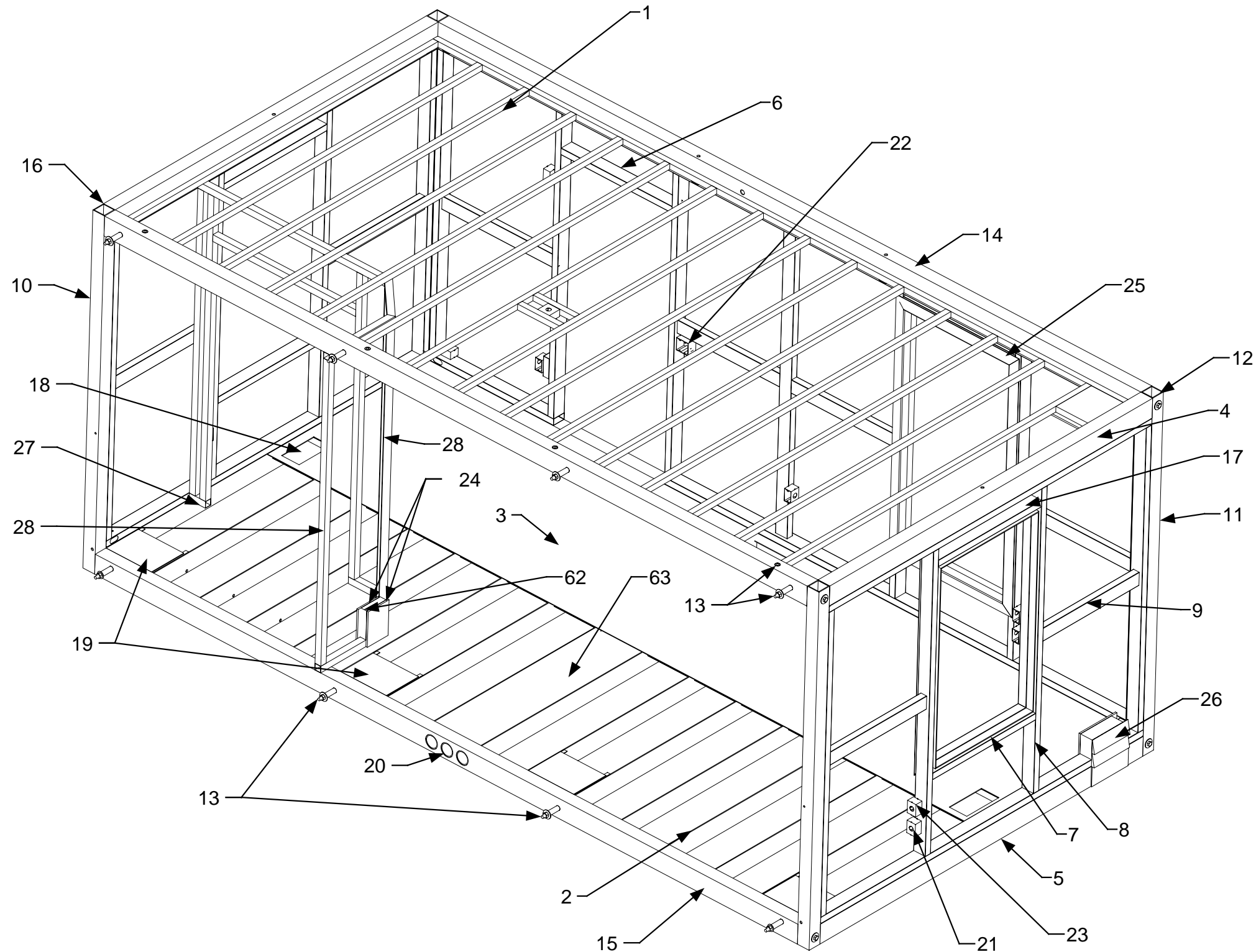
STEP 8: L2 & U2 (Lower & Upper roof sections)



STEP 9: Cell C



STEP 10: Caulking and Sealant, Railing system



1	Ceiling Joist
2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
13	Cell Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
18	Floor Vent Cut-out
19	Hatch Cover
20	Duct Portal-4" Typical
21	Electrical Recepticle
22	Electrical Switch
23	Cable
24	Drywall
25	Trim
26	Exterior Panel & Insulation
27	Wall Fastener/weld/adhesive
28	Interior Wall Stud
62	Insulation
63	Ductwork

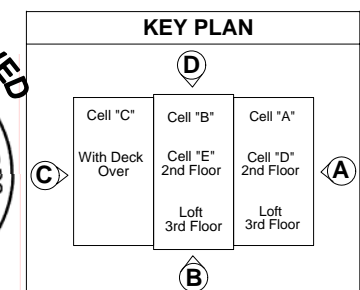


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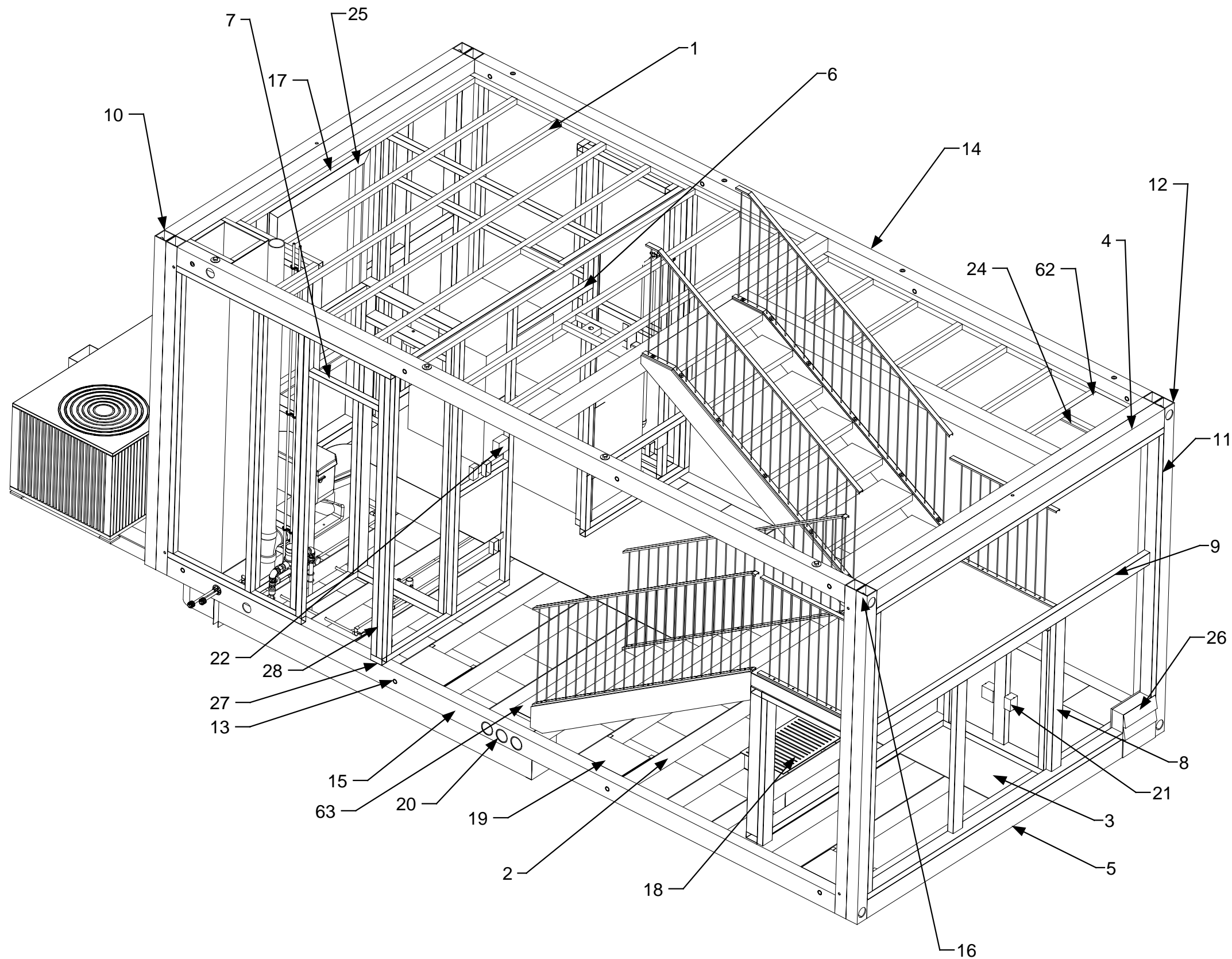
Definitions-Parts
identification
Cell A (typical)

MODEL(S): Hartford

PAGE 8



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PDG Domus 060323-1



1	Ceiling Joist
2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
13	Cell Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
18	Floor Vent Cut-out
19	Hatch Cover
20	Duct Portal-4" Typical
21	Electrical Recepticle
22	Electrical Switch
23	Cable
24	Drywall
25	Trim
26	Exterior Panel & Insulation
27	Wall Fastener/weld point/adhesive
28	Interior Wall Stud
62	Insulation
63	Ductwork

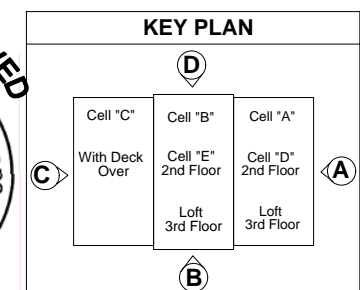


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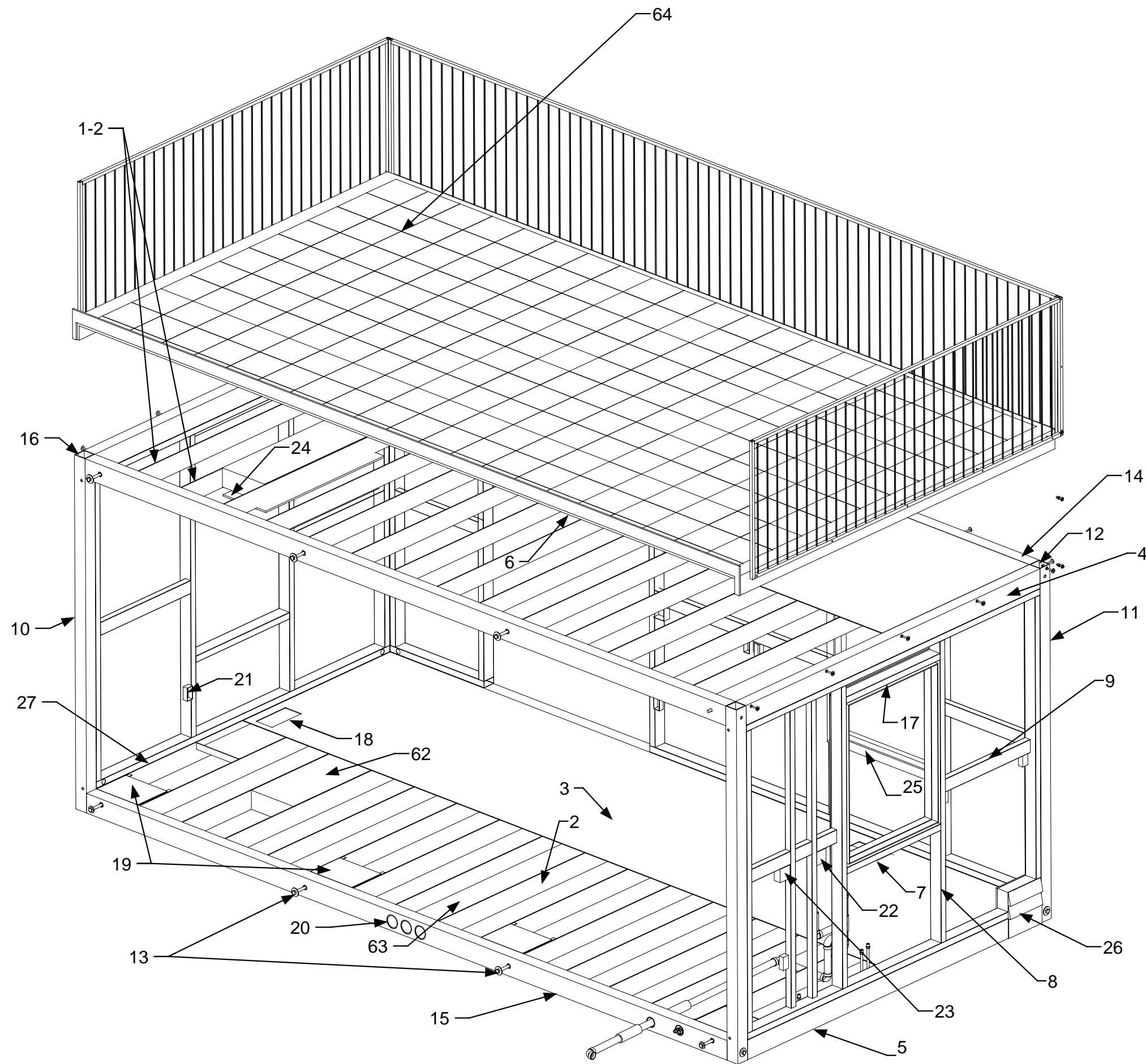
Definitions-Parts
identification
Cell B
(Typical)

MODEL(S): Hartford

PAGE 8A

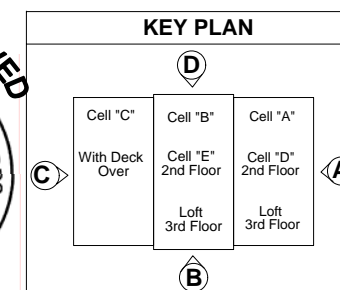


April 11, 2006
PDG Domus 060323-1



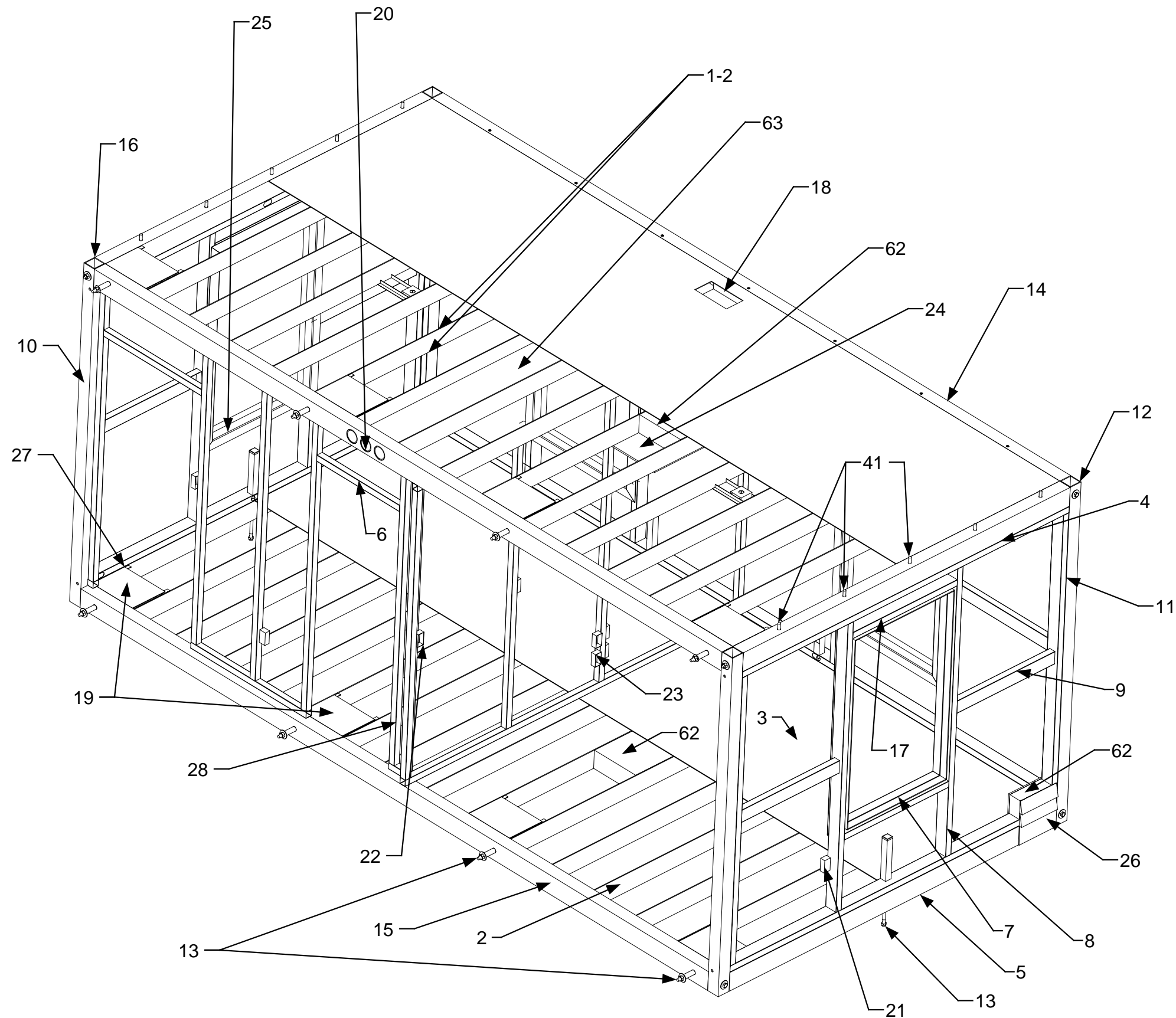
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2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
13	Cell Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
18	Floor Vent Cut-out
19	Hatch Cover
20	Duct Portal-4" Typical
21	Electrical Recepticle
22	Electrical Switch
23	Cable
24	Drywall
25	Trim
26	Exterior Panel & Insulation
27	Wall Fastener/weld/adhesive
62	Insulation
63	Ductwork

64	Deck Cap (composite) non-skid surfaces
Fastened at all four corners with connector pins. Bond all surfaces with Weld-On structural adhesive SS208. Finished edge seal, use Silaprene Solidseal adhesive/sealant. Attach railing	



MODEL(S): Hartford

PAGE 9



1	Ceiling Joist
1-2	Ceiling Joist-Floor Joist
2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
13	Cell Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
18	Floor Vent Cut-out
19	Hatch Cover
20	Duct Portal-4" Typical
21	Electrical Recepticle
22	Electrical Switch
23	Cable
24	Drywall
25	Trim
26	Exterior Panel
27	Wall Fastener/weld/adhesive
28	Interior Wall Stud
41	Cell to Roof Fastener
62	Insulation
63	Ductwork

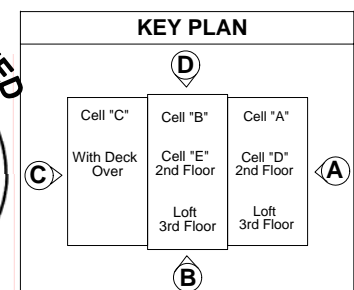


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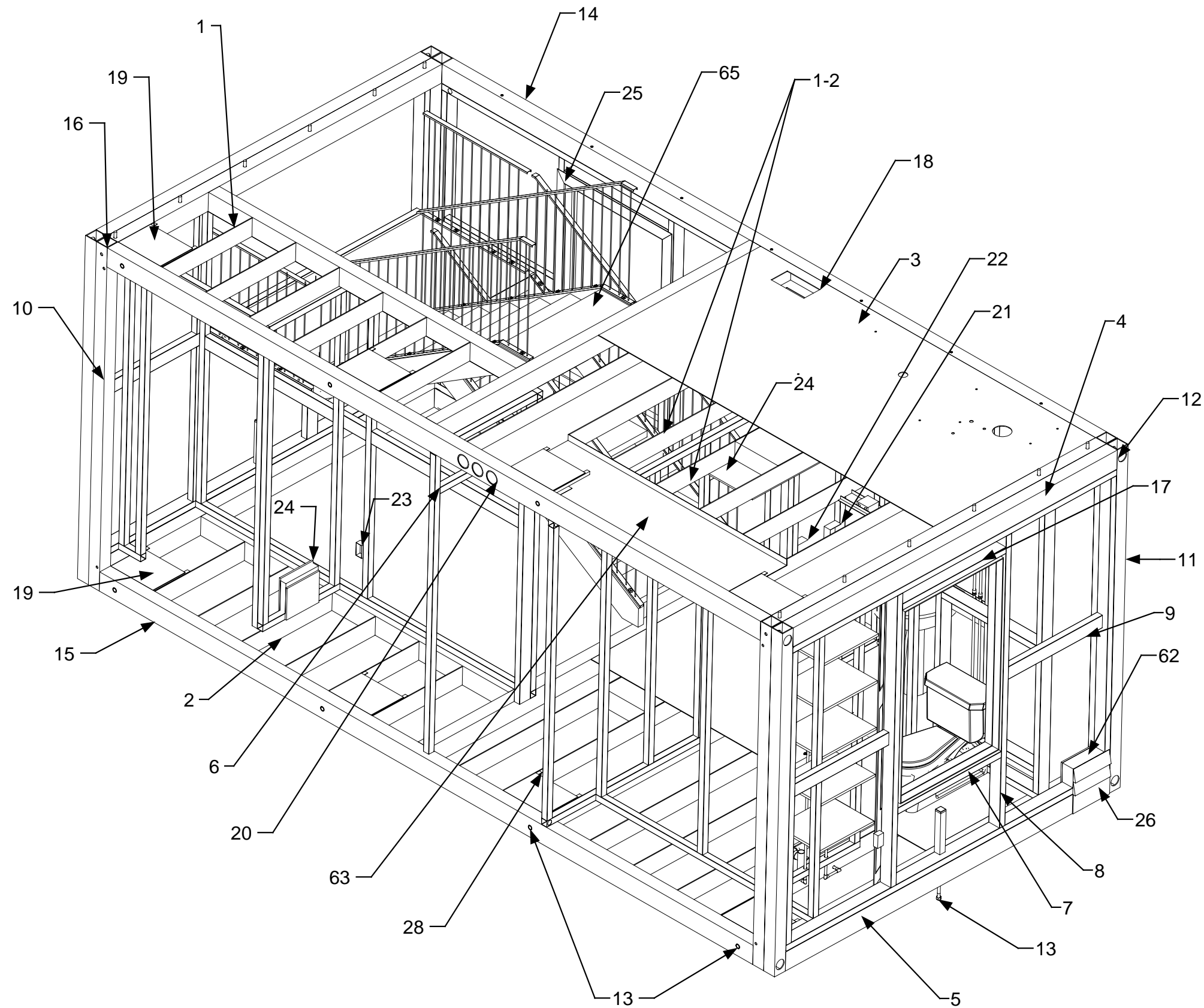
Definitions-Parts
identification
Cell D
Upper level

MODEL(S): Hartford

PAGE 9A



April 11, 2006
PDG Domus 060323-1



1	Ceiling Joist
2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
13	Cell Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
18	Floor Vent Cut-out
19	Hatch Cover
20	Duct Portal-4" Typical
21	Electrical Recepticle
22	Electrical Switch
23	Cable
24	Drywall
25	Trim
26	Exterior Panel & Insulation
27	Wall Fastener
28	Interior Wall Stud
62	Insulation
63	Ductwork
65	Staircase

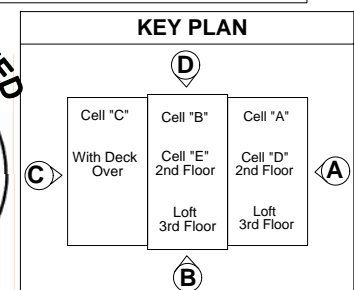


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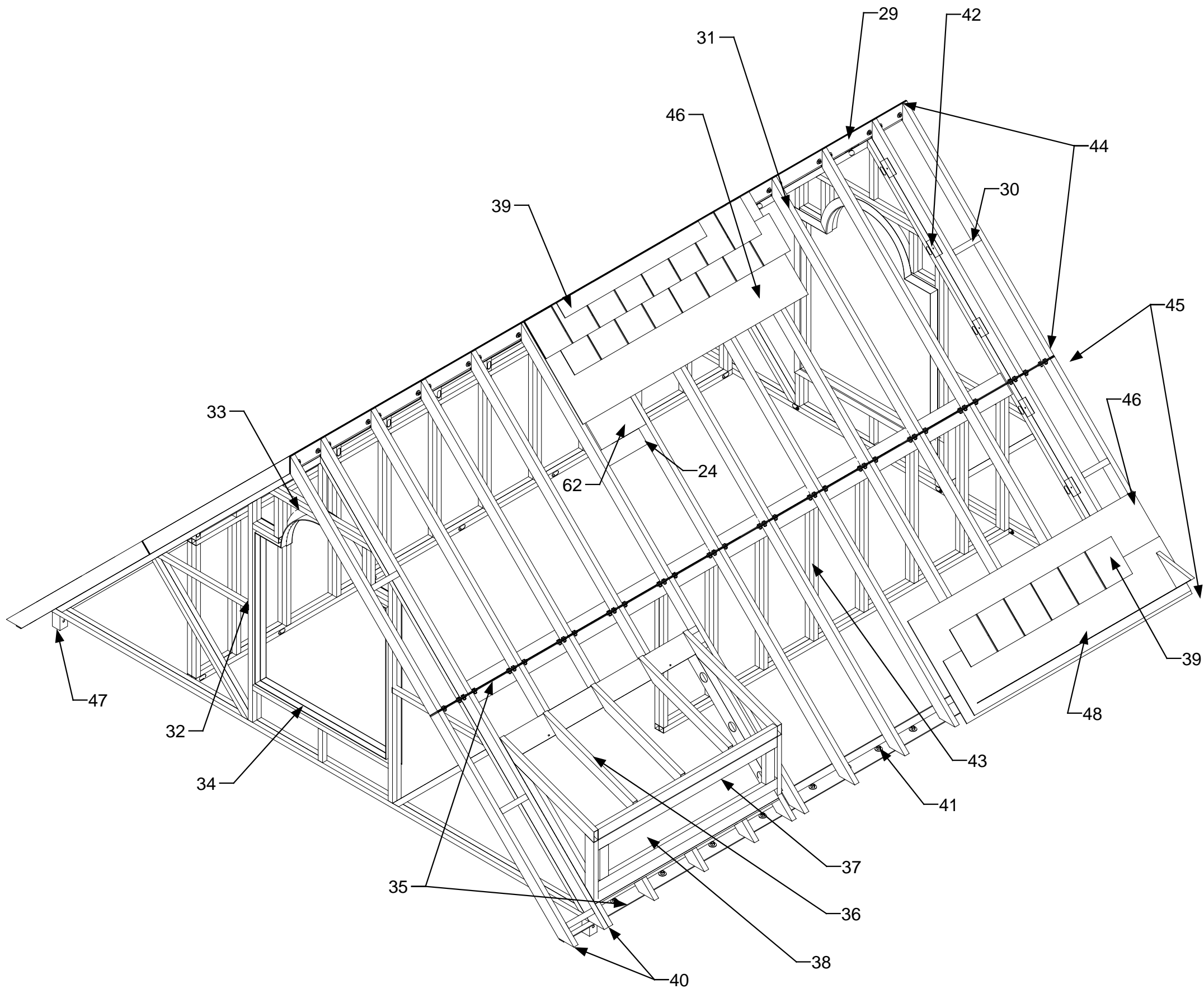
Definitions-Parts
identification
Cell E
Upper level

MODEL(S): Hartford

PAGE 9B



April 11, 2006
PDG Domus 060323-1



24	Drywall
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
33	End Gable Window Header
34	End Gable Windowsill
35	Rafter Connector Plate
36	Dormer Rafters
37	Dormer Window Header
38	Dormer Window Opening
39	Roof Shingle-Cap (composite)
40	Flying Gable End
41	Cell to Roof Fastener
42	End Gable Fastener points
43	Knee Wall
44	Upper Roof Section
45	Lower Roof Section
46	Roof Deck (composite)
47	End Gable Connector Pin
48	Box Gutter (composite)
62	Insulation

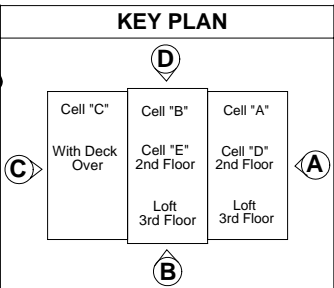


DRAWING

Definitions-Parts
Identification
Roof (typical)
Type 2

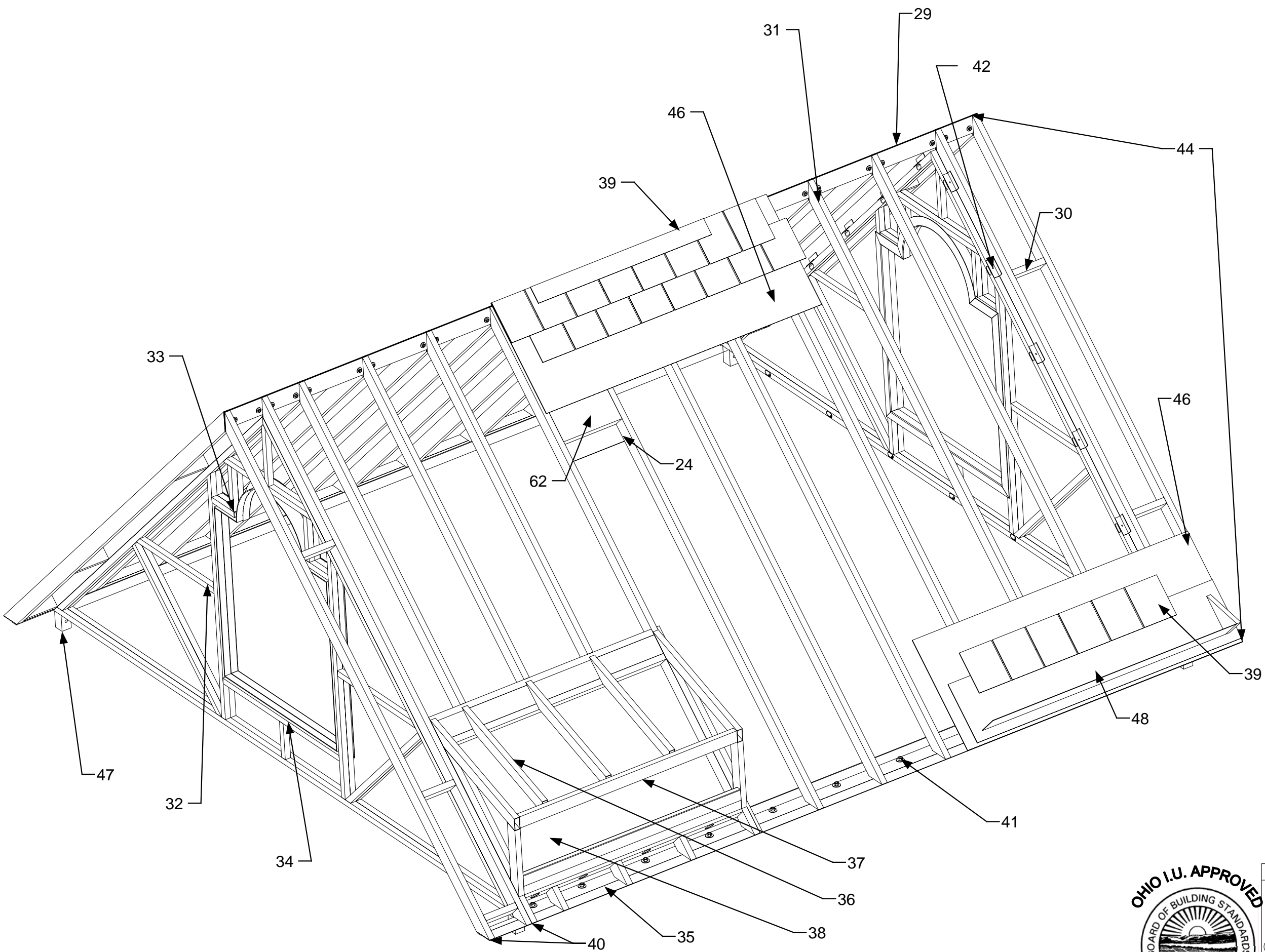
MODEL(S): Hartford

PAGE 10

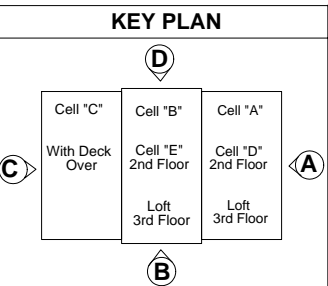


April 11, 2006
PDG Domus 060323-1

R3DB



24	Drywall
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
33	End Gable Window Header
34	End Gable Windowsill
35	Rafter Connector Plate
36	Dormer Rafters
37	Dormer Window Header
38	Dormer Window Opening
39	Roof Shingle-Cap (composite)
40	Flying Gable End
41	Cell to Roof Fastener
42	End Gable Fastener points
44	Roof Section
46	Roof Deck (composite)
47	End Gable Connector Pin
48	Box Gutter (composite)
62	Insulation

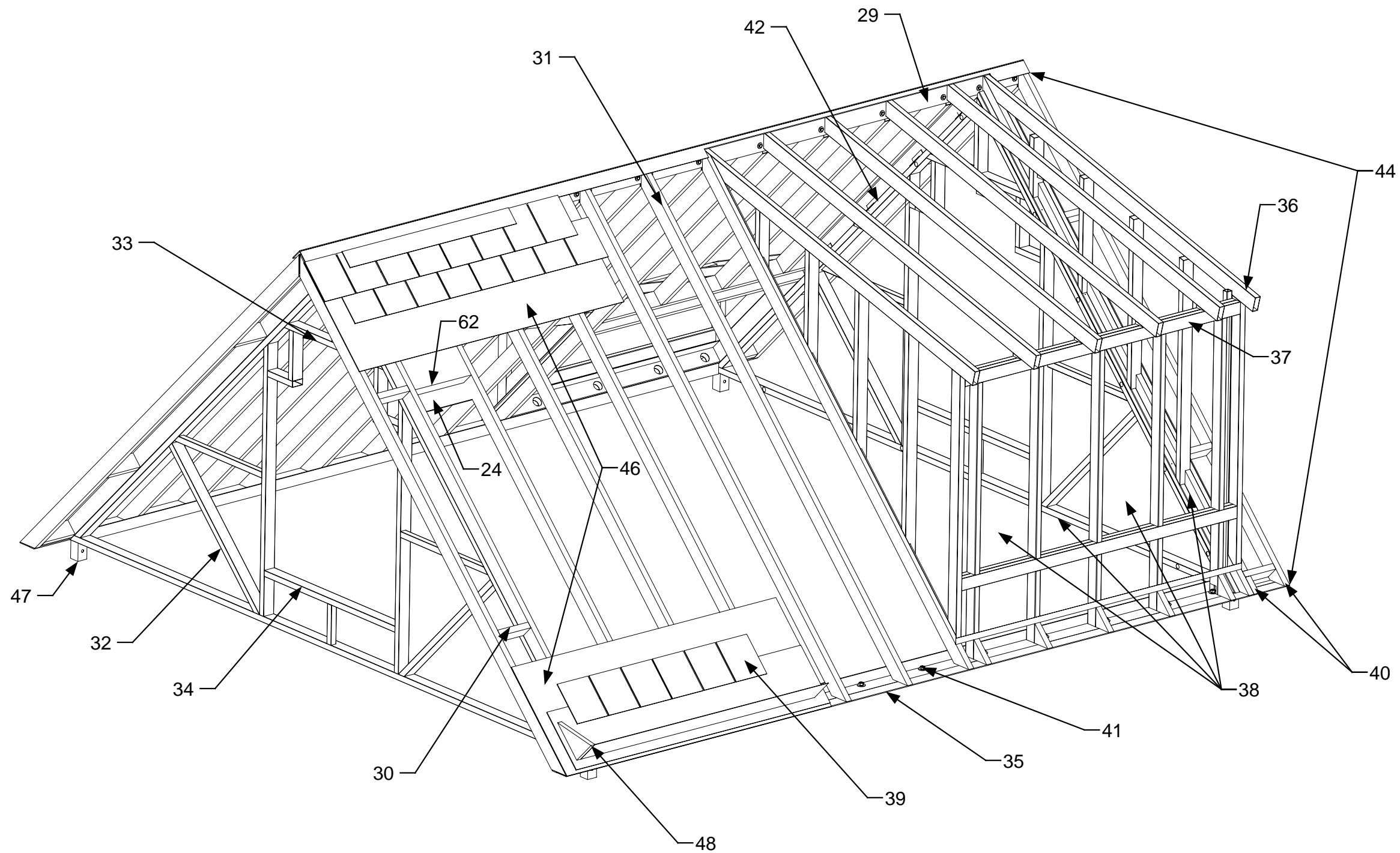


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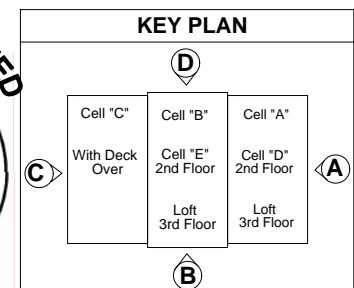
Definitions-Parts
Identification
Roof (Typical)
Type 1

MODEL(S): Hartford

PAGE 10A



24	Drywall
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
33	End Gable Window Header
34	End Gable Windowsill
35	Rafter Connector Plate
36	Dormer Rafters
37	Dormer Window Header
38	Dormer Window Opening
39	Roof Shingle-Cap (composite)
40	Flying Gable End
41	Cell to Roof Fastener
42	End Gable Fastener points
44	Roof Section
46	Roof Deck (composite)
47	End Gable Connector Pin
48	Box Gutter (composite)
62	Insulation

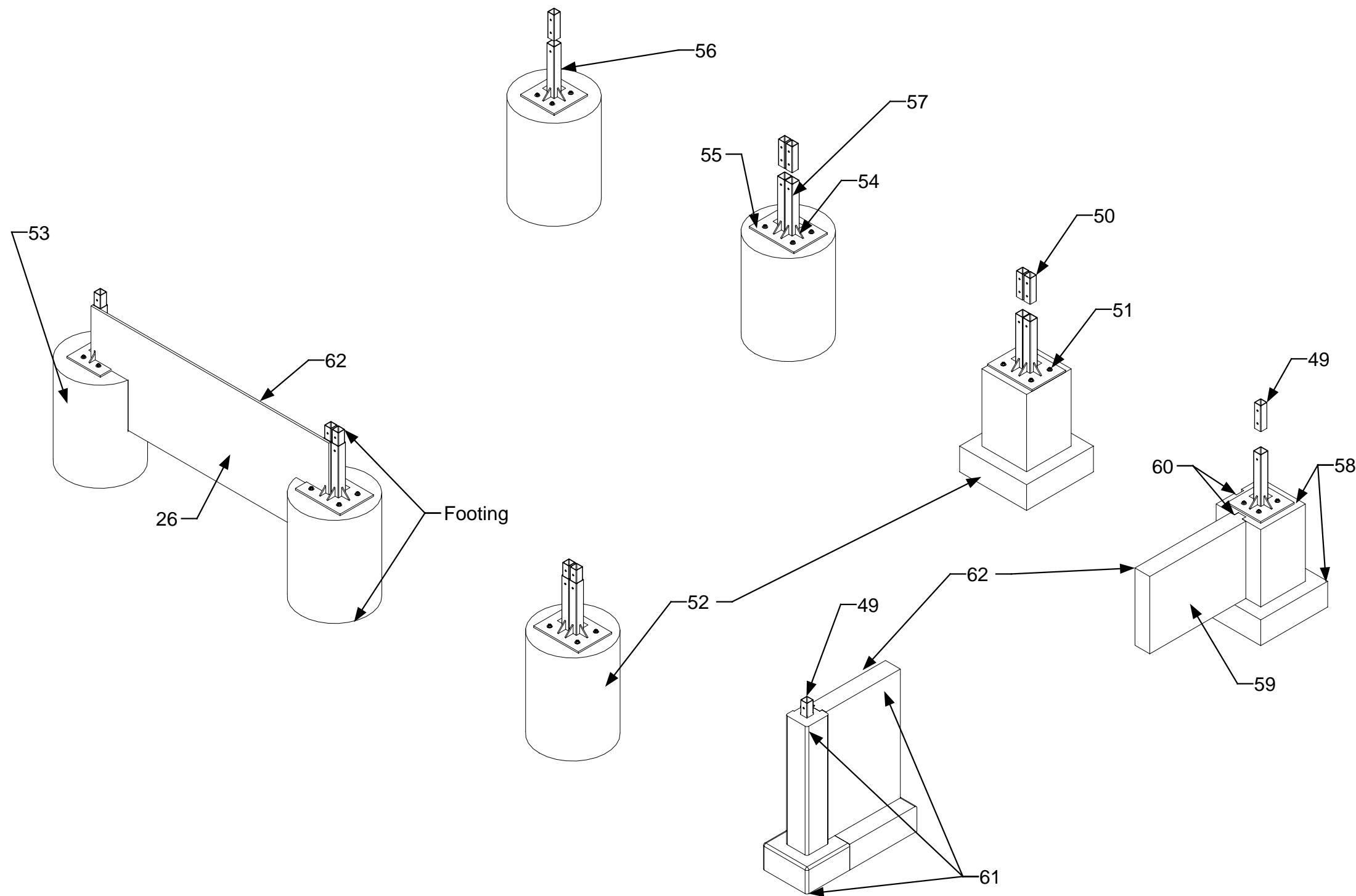


DRAWING

Definitions-Parts
Identification
Roof (Typical)
Type 1
Dormer bathroom
3rd floor

MODEL(S): Hartford

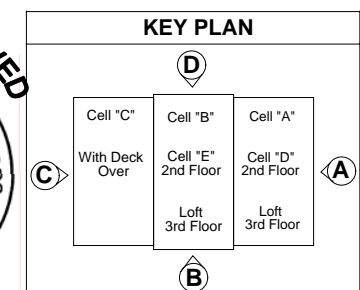
PAGE 10B



26	Exterior Panel (Rat Wall)
49	Corner Connector Pin
50	Intermediate Connector Pin
51	J Bolt-Typical Galvanized Anchor Bolts
52	Concrete Intermediate Pier
53	Concrete Corner Pier
54	Gusset
55	Base Plate
56	Corner Connecting Post
57	Intermediate Connecting Post
58	Pre-Cast Corner Footing
59	Pre-Cast Footing Wall
60	Pre-Cast Footing Wall Channel
61	Pre-Cast Foundation & Wall
62	Insulation
63	Ductwork

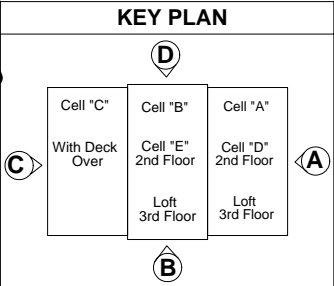


DRAWING
Definitions-Parts identification Footing-Foundation
MODEL(S): Hartford
PAGE 11



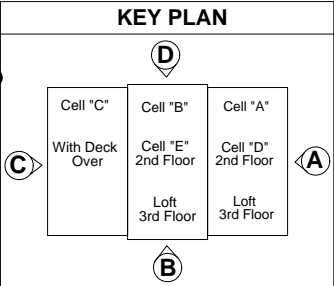
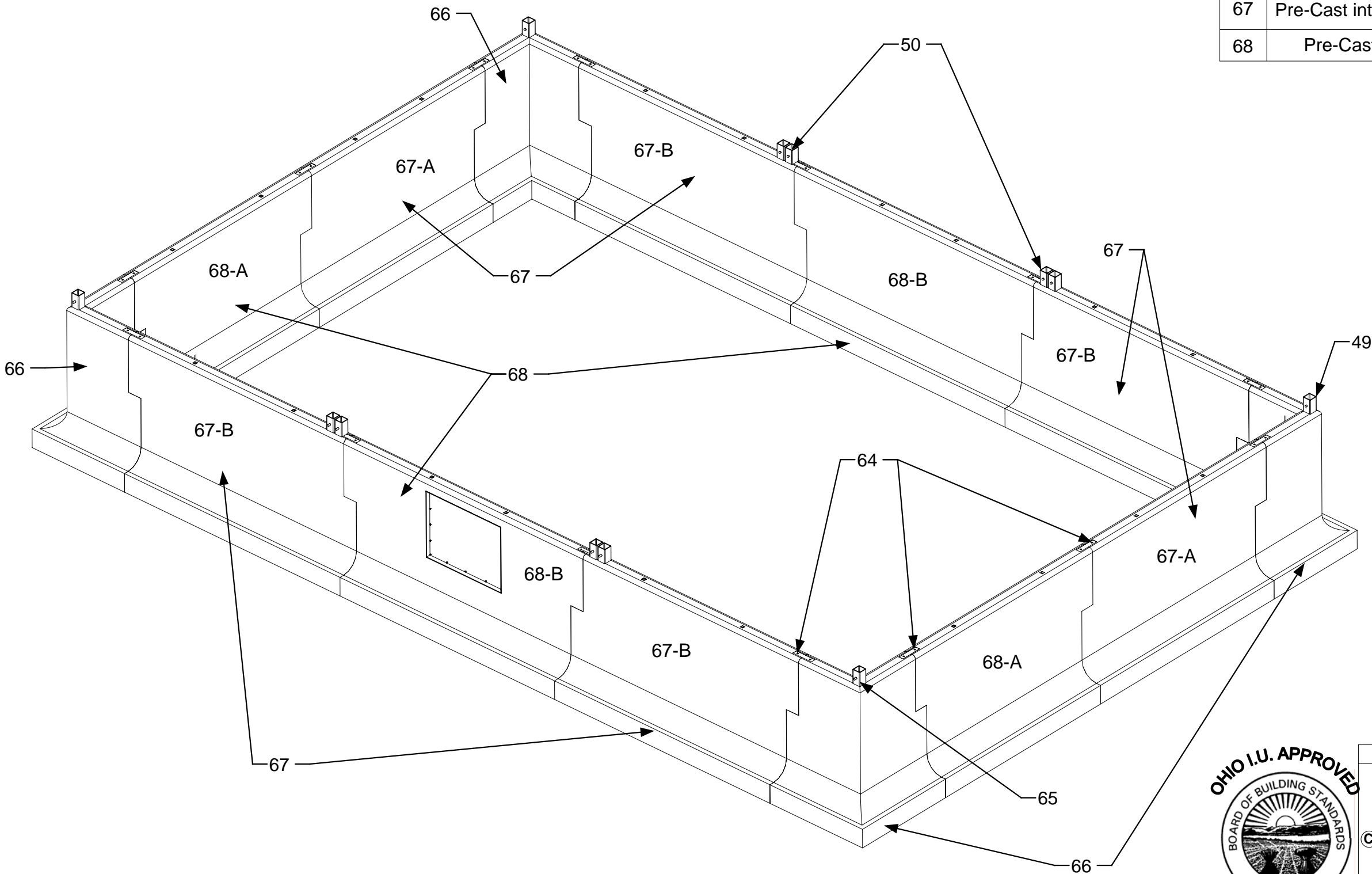
Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

1A,1B,5A,5B,6A,6B,7A,7B,8A,8B,9A,9B,
12A,12B,17A,17B,S1



DRAWING
Architectural Plan Footing-Foundation
MODEL(S): Hartford
PAGE11A

49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation

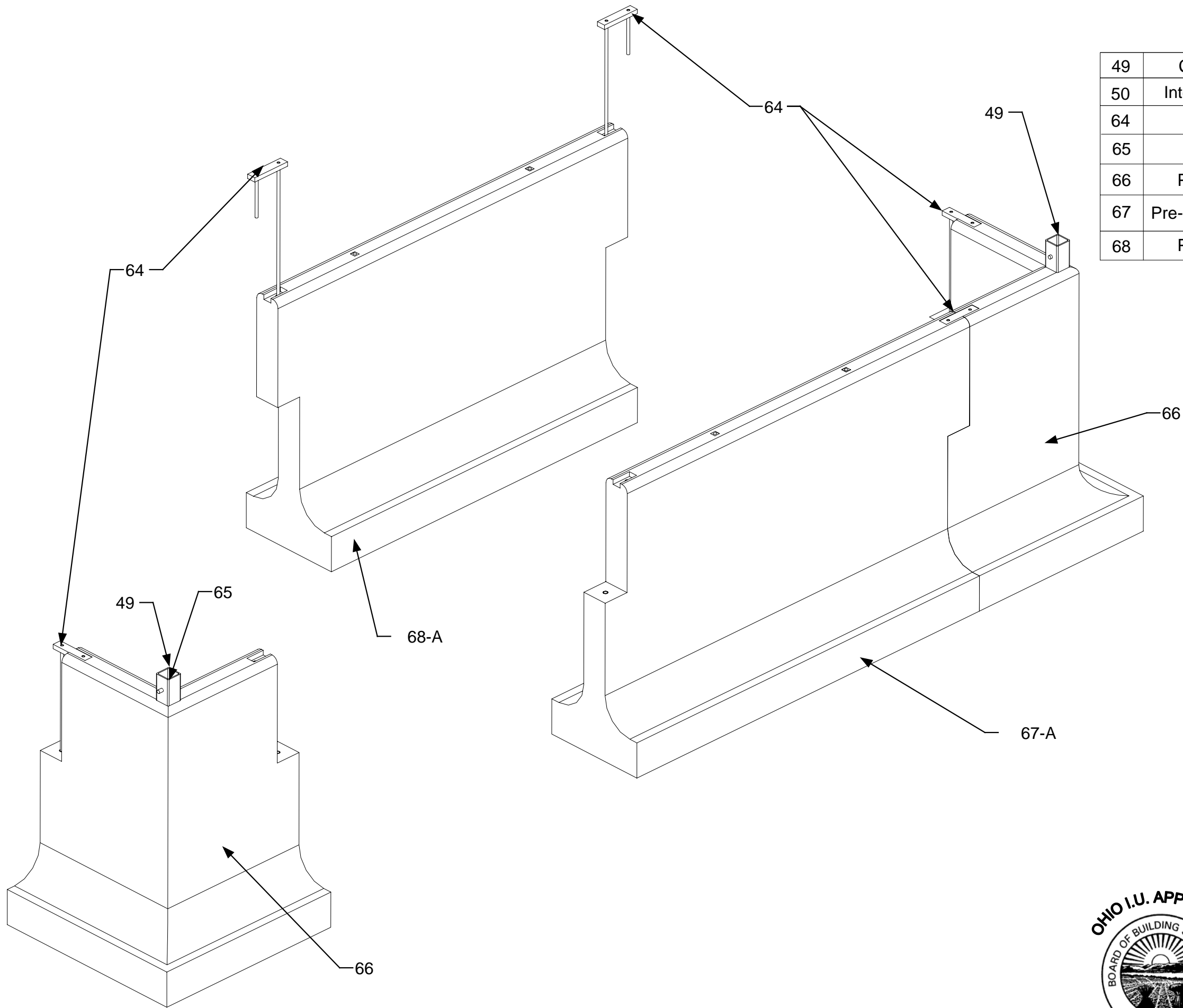


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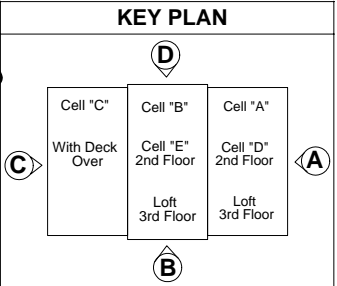
Definitions-Parts
 identification
 Footing-Foundation
 (Typical)

MODEL(S): Hartford

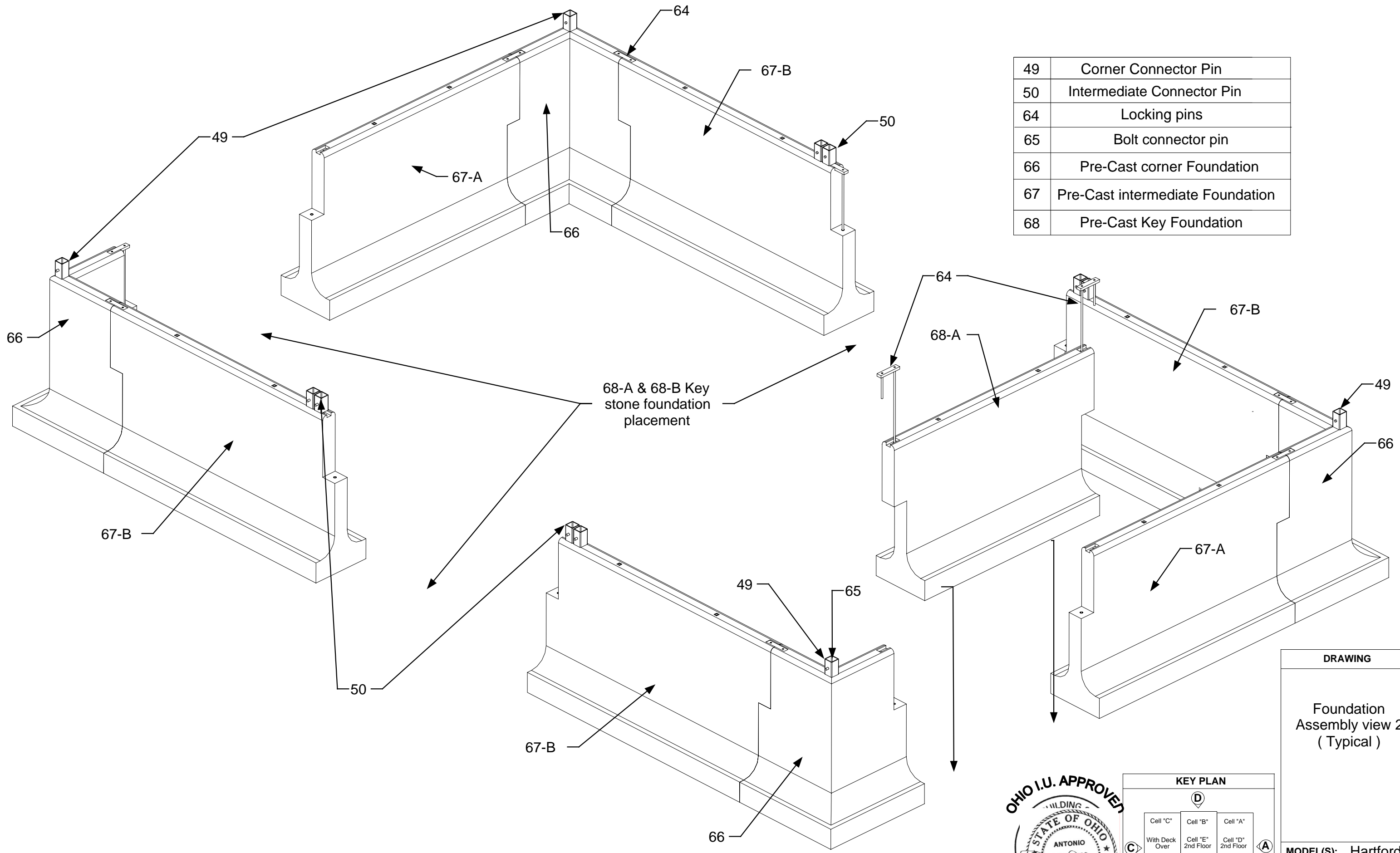
PAGE11B



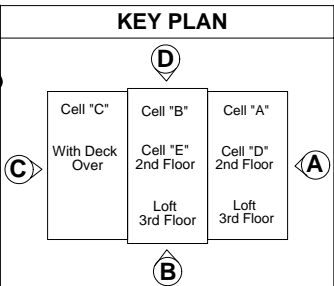
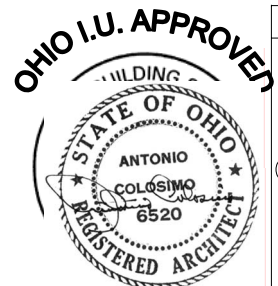
49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation



DRAWING	
Foundation assembly view 1 (Typical)	
MODEL(S): Hartford	
PAGE 11C	



49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation

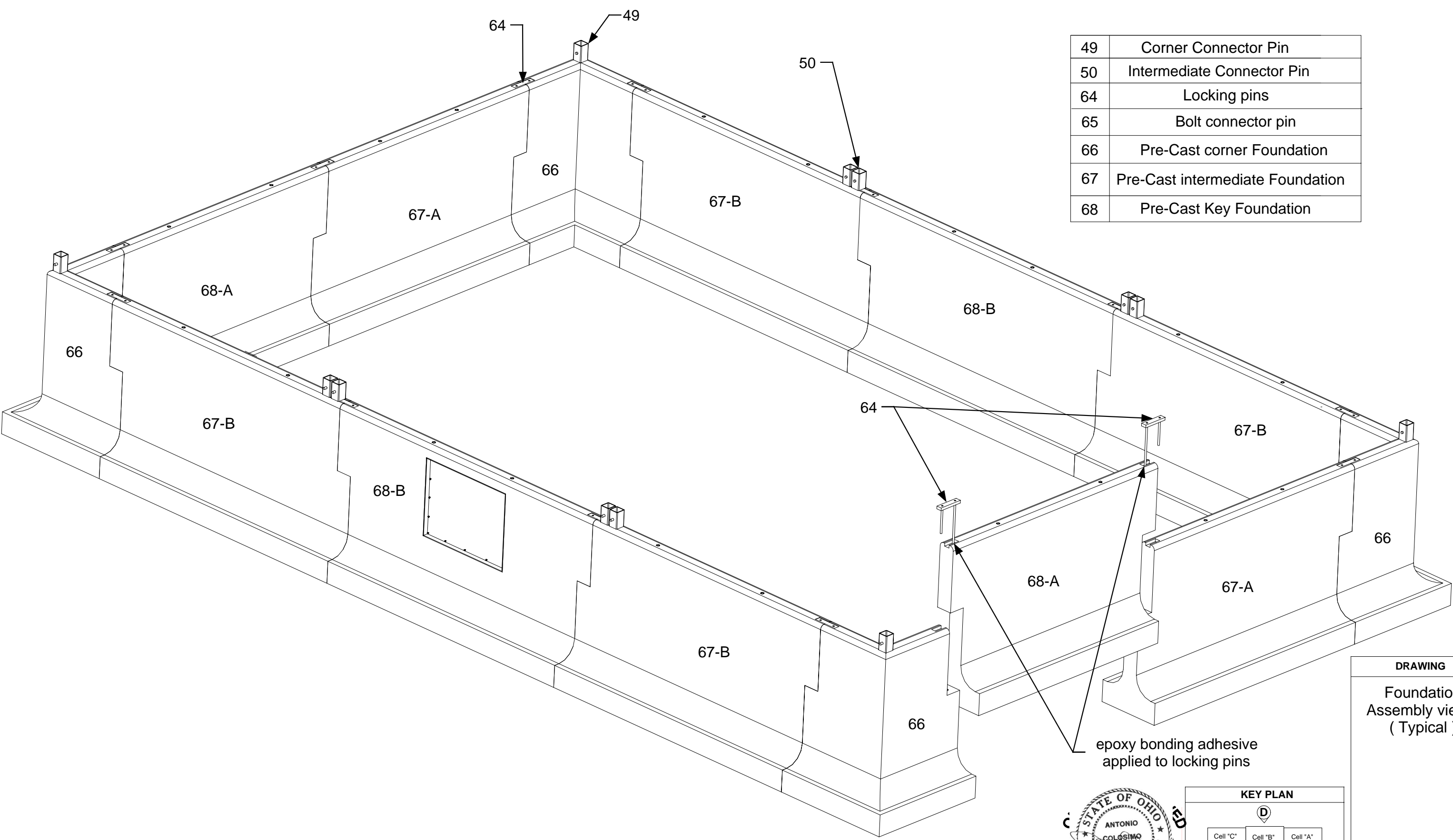


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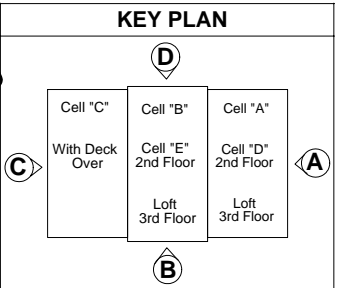
Foundation Assembly view 2 (Typical)

MODEL(S): Hartford

PAGE 11D



49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation

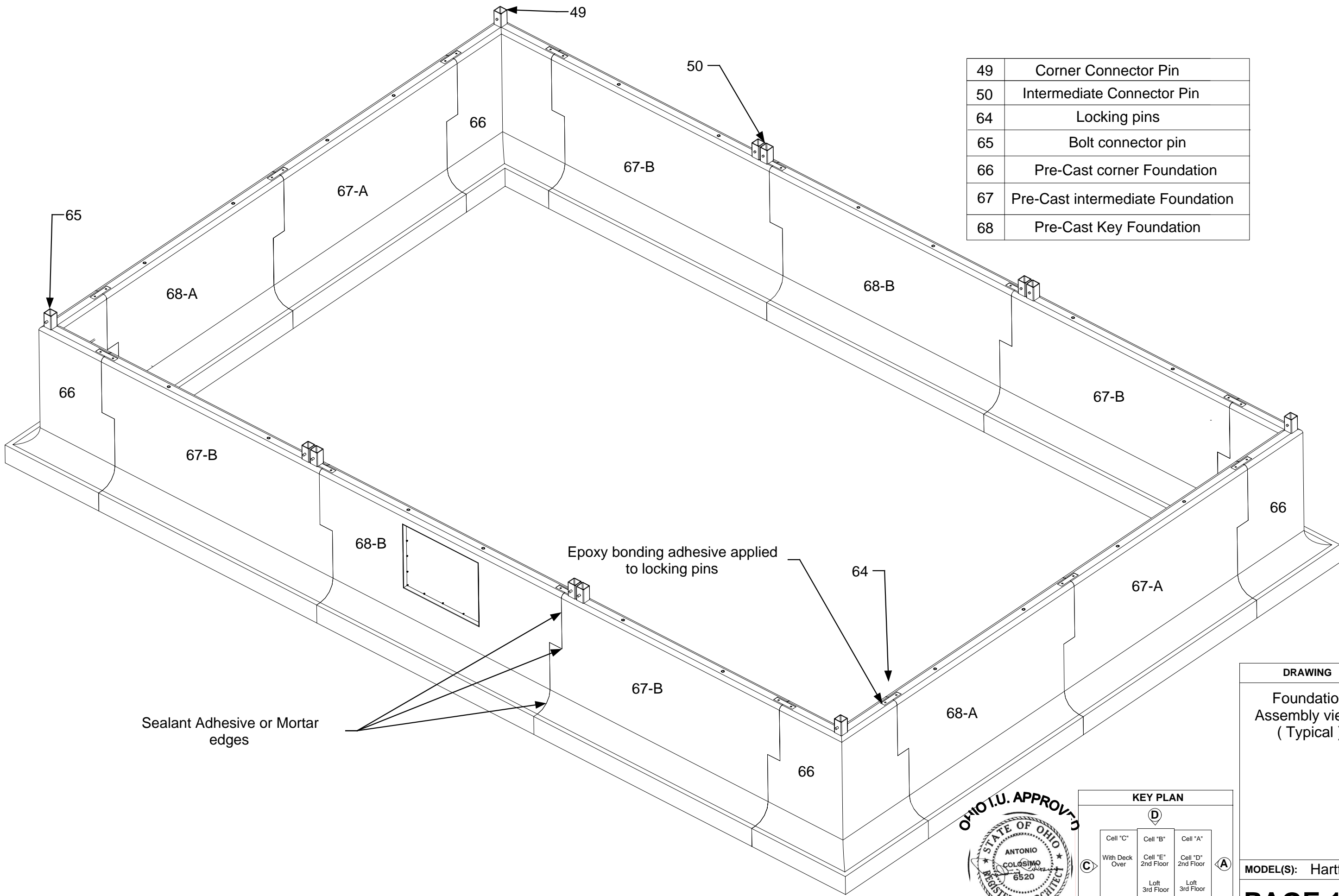


DRAWING

Foundation
Assembly view 3
(Typical)

MODEL(S): Hartford

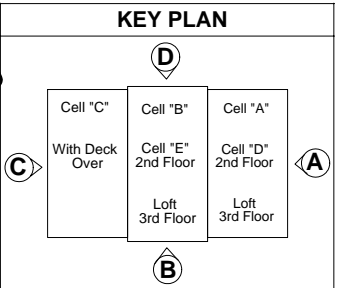
PAGE 11E



49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation

Sealant Adhesive or Mortar
edges

Epoxy bonding adhesive applied
to locking pins



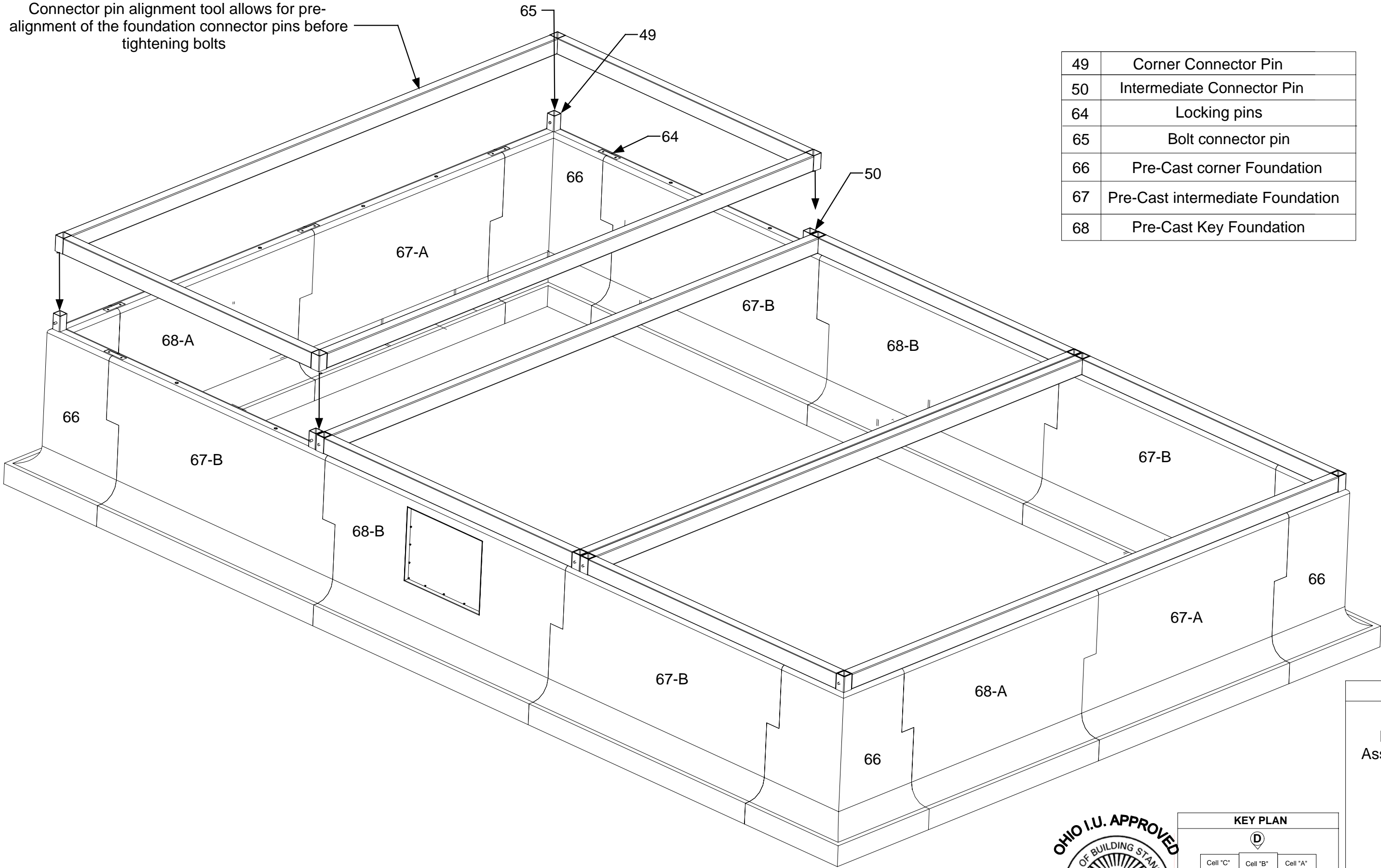
DRAWING

Foundation
Assembly view 4
(Typical)

MODEL(S): Hartford

PAGE 11F

Connector pin alignment tool allows for pre-alignment of the foundation connector pins before tightening bolts



49	Corner Connector Pin
50	Intermediate Connector Pin
64	Locking pins
65	Bolt connector pin
66	Pre-Cast corner Foundation
67	Pre-Cast intermediate Foundation
68	Pre-Cast Key Foundation

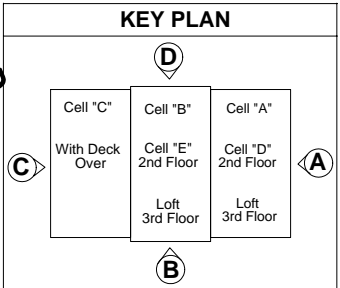


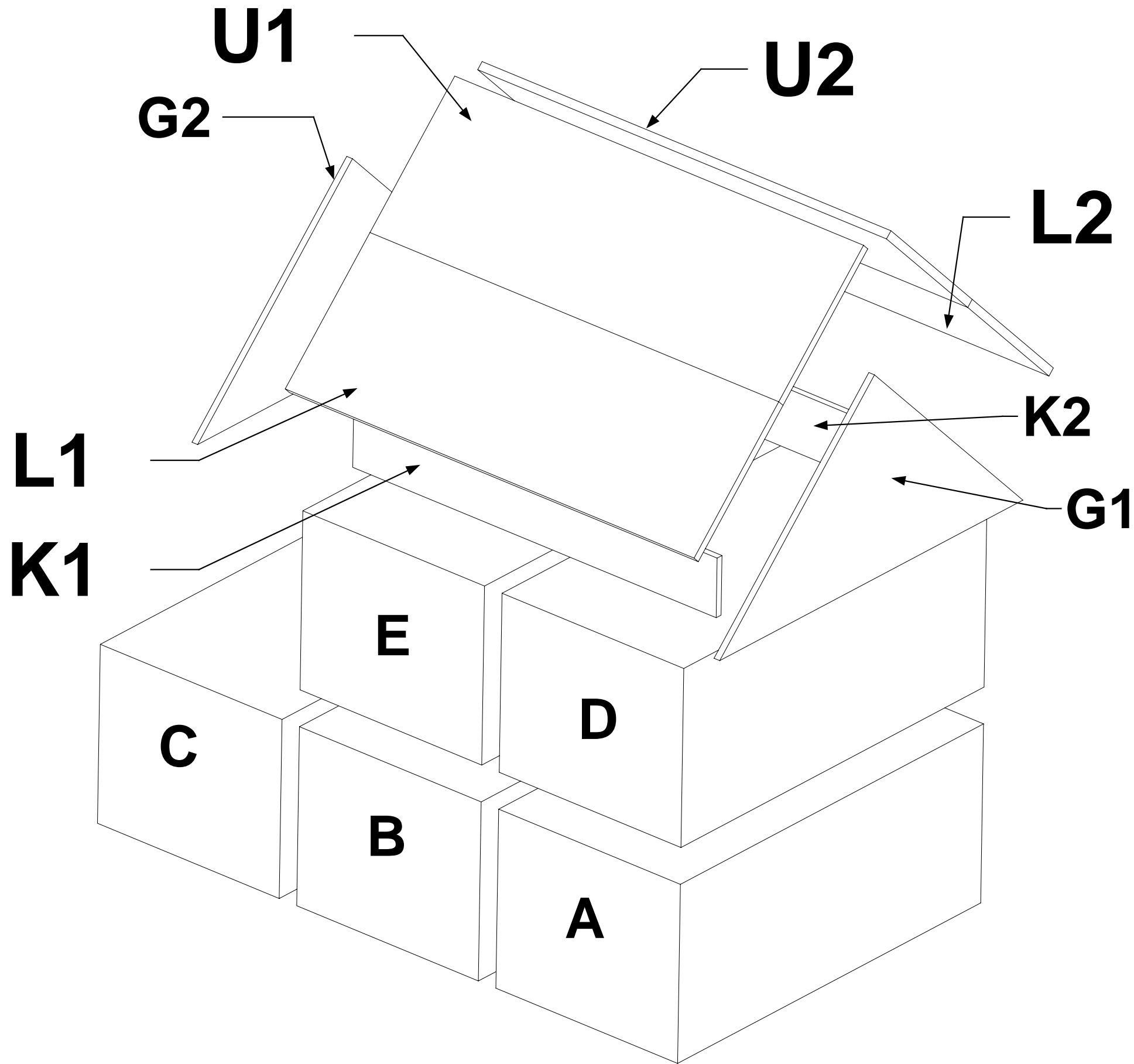
DRAWING

Foundation
Assembly view 5
(Typical)

MODEL(S): Hartford

PAGE 11G





A	Cell A
B	Cell B
C	Cell C
D	Cell D
E	Cell E
G1	Gable 1
G2	Gable 2
K1	Knee Wall 1
K2	Knee Wall 2
L1	Lower Section 1 (roof)
L1	Lower Section 2 (roof)
U1	Upper Section 1 (roof)
U2	Upper Section 2 (roof)



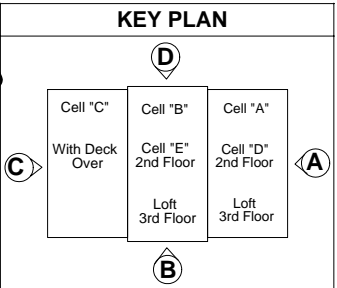
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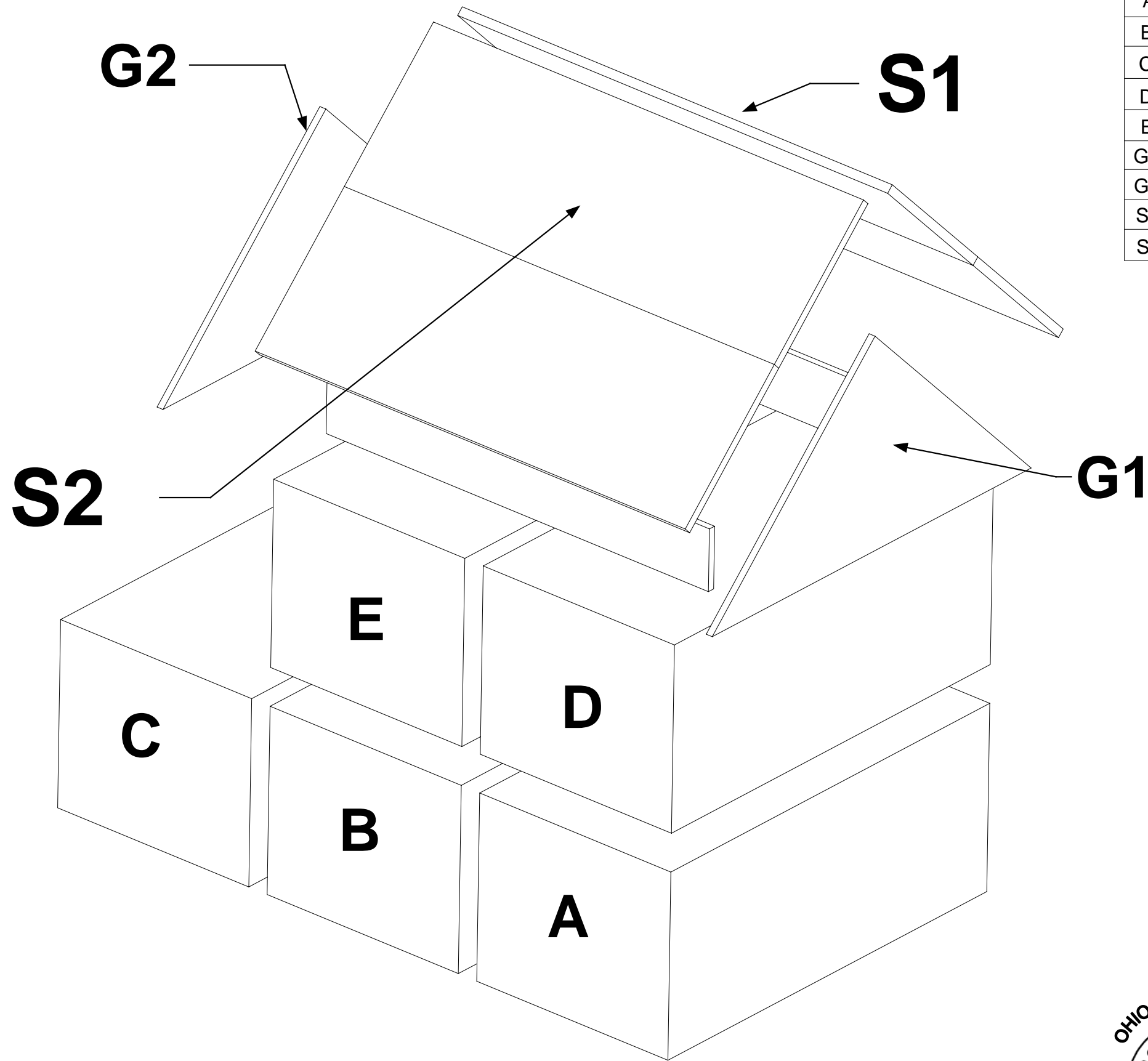
Definitions-Parts
identification
Major component
identification

Roof Type 2

MODEL(S): Hartford

PAGE 12





A	Cell A
B	Cell B
C	Cell C
D	Cell D
E	Cell E
G1	Gable 1
G2	Gable 2
S1	Section 1 (roof)
S2	Section 2 (roof)

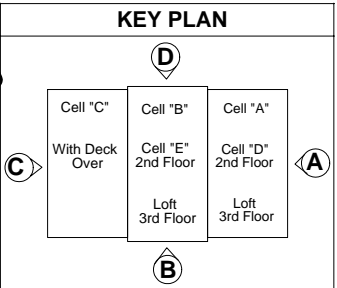


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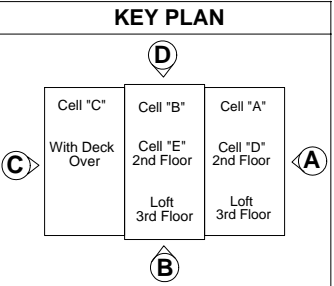
Definitions-Parts
identification
Major component
identification

Roof Type 1

MODEL(S): Hartford



1	Ceiling Joist	Tubing .0625" x 1.75" x 1.75" x 10' (ASTM A-513 Type 1)
2	Floor Joist	Plate .25" x 6" x 10' (ASTM A36)
3	Floor Plate	Plate .125"-.134" (10 GA.) x 10' x 20' (ASTM A36)
4	Top Beam	Tubing .1875" x 4" x 6" x 10' (ASTM A-500 Gr. B2 Structural)
5	Bottom Beam	Tubing .1875" x 4" x 6" x 10' (ASTM A-500 Gr. B2 Structural)
6	Header	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
7	Sill	Tubing .083" x 2 "x 4" Assembly (ASTM A-513 Type 1)
8	Exterior Wall Stud	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
9	Exterior Wall Lateral Brace	Tubing .065" x 2" x 2" Assembly (ASTM A-513 Type 1)
10	Intermediate Columns	Tubing .25" x 4" x 4" x 9' (ASTM A-500 Gr. B2 Structural)
11	Corner Columns	Tubing .25" x 4" x 4" x 9' (ASTM A-500 Gr. B2 Structural)
12	Corner Connectors	
13	Cell Connectors	
14	Top Girder	Tubing .1875" x 4" x 6" x 20' (ASTM A-500 Gr. B2 Structural)
15	Bottom Girder	Tubing .1875" x 4" x 6" x 20' (ASTM A-500 Gr. B2 Structural)
16	Intermediate Column Connectors	
17	Window Header	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
18	Floor Vent Cut-out	
19	Hatch Cover	Plate .125"-.134" (10GA.) x 15.625" x 12"(ASTM A36)
20	Duct Portal-4" Typical	Piping .25" x 4" OD x 3.937" (ASTM A53A)
21	Electrical Recepticle	
22	Electrical Switch	
23	Cable	
24	Drywall	
25	Trim	
26	Exterior Panel	
27	Wall Fastener	
28	Interior Wall Stud	.083" x 2" x 4" Assembly (ASTM A-513 Type 1)
63	Ductwork	.0625" x 15.75" x (ASTM A- 513 Type 1)



DRAWING

Schedule-Steel
Cell

MODEL(S): Hartford

PAGE 13

1	Ceiling Joist	Tubing .0625" x 1.75" x 1.75" x 10' (ASTM A-513 Type 1)
1-2	Ceiling Joist-Floor Joist	Plate .25"x 6" x 10' (ASTM A36)
2	Floor Joist	Plate .25" x 6" x 10' (ASTM A36)
3	Floor Plate	Plate .125"-.134" (10 GA.) x 10' x 20' (ASTM A36)
4	Top Beam	Tubing .1875" x 4" x 6" x 10' (ASTM A-500 Gr. B2 Structural)
5	Bottom Beam	Tubing .1875" x 4" x 6" x 10' (ASTM A-500 Gr. B2 Structural)
6	Header	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
7	Sill	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
8	Exterior Wall Stud	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
9	Exterior Wall Lateral Brace	Tubing .065" x 2" x 2" Assembly (ASTM A-513 Type 1)
10	Intermediate Columns	Tubing .25" x 4" x 4" x 9' (ASTM A-500 Gr. B2 Structural)
11	Corner Columns	Tubing .25 " x 4" x 4" x 9' (ASTM A-500 Gr. B2 Structural)
12	Corner Connectors	
13	Cell Connectors	
14	Top Girder	Tubing .1875" x 4" x 6" x 20' (ASTM A-500 Gr. B2 Structural)
15	Bottom Girder	Tubing .1875" x 4" x 6" x 20' (ASTM A-500 Gr. B2 Structural)
16	Intermediate Column Connectors	
17	Window Header	Tubing .083" x 2" x 4" Assembly (ASTM A-513 Type 1)
18	Floor Vent Cut-out	
19	Hatch Cover	Plate .125"-.134" (10 GA.) x 15.625" x 12"(ASTM A36)
20	Duct Portal-4" Typical	Piping .25" x 4" OD x 3.937" (ASTM A53A)
21	Electrical Recepticle	
22	Electrical Switch	
23	Cable	
24	Drywall	
25	Trim	
26	Exterior Panel	
27	Wall Fastener	
28	Interior Wall Stud	.083" x 2" x 4" Assembly (ASTM A-513 Type 1)
41	Cell to Roof Fastener	
62	Insulation	
63	Ductwork	.0625" x 15.75" x (ASTM A-513 Type 1)

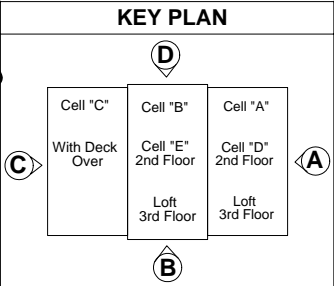


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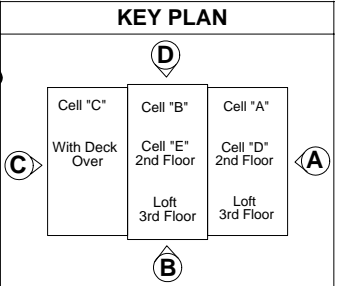
Schedule-Steel
Cell-Upper level

MODEL(S): Hartford

PAGE 14



29	Ridge Beam	Plate .5" x 6" x 24' (ASTM A36)
30	Purlin	Tubing .120" - .125" x 2" x 5" x 12" (ASTM A-500 Gr.B2 Structural)
31	Rafters	Tubing .120" - .125" x 2" x 5" x 184.656" (ASTM A-500 Gr. B2 Structural)
32	End Gable Framing	Tubing .083" x 2" x 4" (ASTM A-513 Type 1)
33	End Gable Window Header	Tubing .083" x 2" x 4" (ASTM A-513 Type 1)
34	End Gable Windowsill	Tubing .083" x 2" x 4" (ASTM A-513 Type 1)
35	Rafter Connector Plate	Plate .5" x 5" x 24' & .313" x 3.5" x 6" L Angle (ASTM A36)
36	Dormer Rafters	Tubing .083" x 2" x 4" x 45.973" (ASTM A-513 Type 1)
37	Dormer Window Header	Tubing .083" x 2" x 4" (ASTM A-513 Type 1)
40	Flying Gable End	Tubing .120" - .125" x 2" x 5" (ASTM A-500 Gr.B2 Structural)
42	End Gable Fastener Points	L-Angle .125" x 2" x 2" x 6" (ASTM A36)
43	Knee Wall	Tubing .083" x 2" x 4" (ASTM A-513 Type 1)
44	Upper Roof Section	Assembly
45	Lower Roof Section	Assembly



DRAWING

Schedule-Steel
Roof

MODEL(S): Hartford

PAGE15

49	Corner Connector Pin	Tubing .25" x 3.5" x 3.5" x 12" (ASTM A-500)
50	Intermediate Connector Pin	Tubing .25" x 4" x 4" x 24" (ASTM A-500 Gr. B2 Structural)
54	Gusset	Plate .5" x 4" x 4" (ASTM A-36)
55	Base Plate	Plate .75" x 18" x 18" (ASTM A36)
56	Corner Connecting Post	Tubing .25" x 4" x 4" x 24" (ASTM A-500 Gr. B2 Structural)
57	Intermediate Connecting Post	Tubing .25" x 4" x 8" x 24" (ASTM A-500 Gr. B2 Structural)
63	Ductwork	.0625" x 15.75" (ASTM A-513 Type 1)

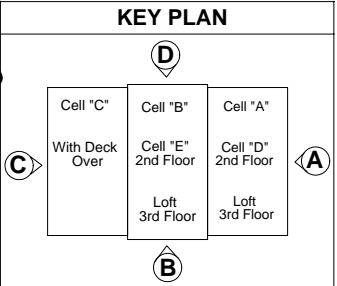


DRAWING

Schedule-Steel
Footings

MODEL(S): Hartford

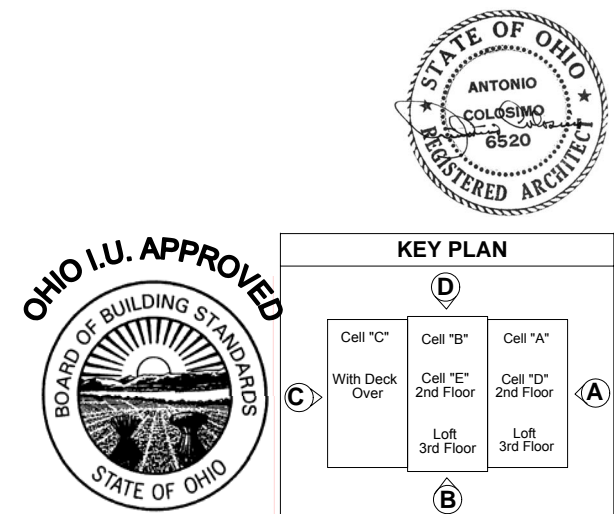
PAGE 16



Schedule-Steel

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S1,S2,S3,S4,S5,S6,S7



DRAWING

Schedule-Steel
Architectural Plan

MODEL(S):	Hartford
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PAGE 16A

1	Ceiling Joist	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
2	Floor Joist	Size (.25") Method (Position) Type (Continuous Fillet) on end of joist
3	Floor Plate	Size (.25") Method (Position) Type (Intermittent Equal Fillet) 1" weld every 9"
4	Top Beam	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
5	Bottom Beam	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
6	Header	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
7	Sill	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
8	Exterior Wall Stud	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
9	Exterior Wall Lateral Brace	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
10	Intermediate Columns	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
11	Corner Columns	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
12	Corner Connectors	
13	Cell Connectors	
14	Top Girder	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
15	Bottom Girder	Size (.25") Method (Position) Type (Continuous Fillet) on end of Beam
16	Intermediate Column Connectors	
17	Window Header	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
18	Floor Vent Cut-out	
19	Hatch Cover	
20	Duct Portal-4" Typical	Size (.1875") Method (Position) Type (Continuous Fillet)
21	Electrical Recepticle	
22	Electrical Switch	
23	Cable	
24	Drywall	
25	Trim	
26	Exterior Panel	
27	Wall Fastener	
28	Interior Wall Stud	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
63	Ductwork	Size (.125") Method (Position) Type (Single Fillet Weld) 1" weld every 9"

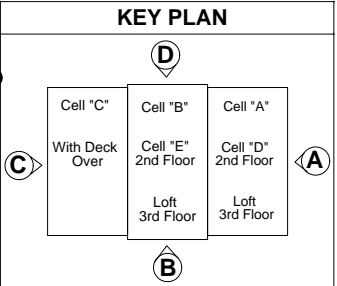


DRAWING

Schedule-Welding
Cell

MODEL(S): Hartford

PAGE 17



1	Ceiling Joist	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
1-2	Ceiling Joist-Floor Joist	Size (.25") Method (Position) Type (Continuous Fillet) on end of joist
2	Floor Joist	Size (.25") Method (Position) Type (Continuous Fillet) on end of joist
3	Floor Plate	Size (.25) Method (Position) Type (Intermittent Equal Fillet) 1" every 9"
4	Top Beam	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
5	Bottom Beam	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
6	Header	Size (.1875") Method (Position) Type (Equal Double Fillet Weld)
7	Sill	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
8	Exterior Wall Stud	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
9	Exterior Wall Lateral Brace	Size (.1875") Method (Position) Type (Equal Double Fillet weld) 1" weld every 1"
10	Intermediate Columns	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
11	Corner Columns	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
12	Corner Connectors	
13	Cell Connectors	
14	Top Girder	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
15	Bottom Girder	Size (.25") Method (Position) Type (Continuous Fillet) on end of beam
16	Intermediate Column Connectors	
17	Window Header	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
18	Floor Vent Cut-out	
19	Hatch Cover	
20	Duct Portal-4" Typical	Size(.1875") Method (Position) Type (Continuous Fillet) on end of beam
21	Electrical Recepticle	
22	Electrical Switch	
23	Cable	
24	Drywall	
25	Trim	
26	Exterior Panel	
27	Wall Fastener	
28	Interior Wall Stud	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
41	Cell to Roof Fastener	
62	Insulation	
63	Ductwork	Size (.125") Method (Position) Type (Single Fillet Weld) 1" every 9"

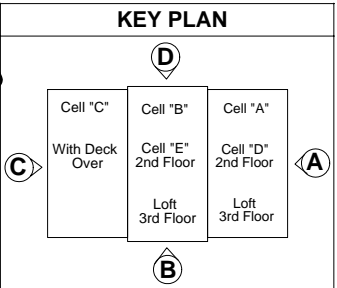


DRAWING

Schedule-Welding
Cell-Upper level

MODEL(S): Hartford

PAGE 18



29	Ridge Beam	Size (.25") Method (Position) Type (Continuous Fillet Weld)
30	Purlin	Size (.25") Method (Position) Type (Continuous Fillet Weld)
31	Rafters	Size (.25") Method (Position) Type (Continuous Fillet Weld)
32	End Gable Framing	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
33	End Gable Window Header	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
34	End Gable Windowsill	Size (.1875") Method (Position) Type (Equal Double Fillet Weld) 1" weld every 1"
35	Rafter Connector Plate	Size (.25") Method (Position) Type (Continuous Fillet Weld)
36	Dormer Rafters	Size (.1875") Method (Position) Type(Intermittent Equal Fillet) 1" weld every 1"
37	Dormer Window Header	Size (.125") Method (Position) Type (Continuous Fillet Weld)
40	Flying Gable End	Size (.25") Method (Position) Type (Continuous Fillet Weld)
42	End Gable Fastener Points	
43	Knee Wall	Size (.125") Method (Position) Type (Continuous Fillet Weld)
44	Upper Roof Section	
45	Lower Roof Section	

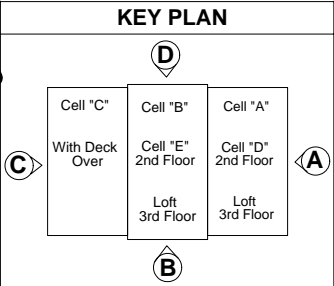


DRAWING

Schedule-Welding
Roof

MODEL(S): Hartford

PAGE 19



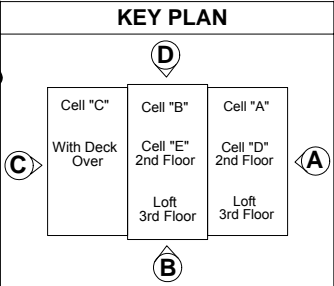
49	Corner Connector Pin	
50	Intermediate Connector Pin	
54	Gusset	Size (.1875") Method (Position) Type (Continuous Fillet)
55	Base Plate	Size (.1875") Method (Position) Type (Continuous Fillet)
56	Corner Connecting Post	Size (.1875") Method (Position) Type (Continuous Fillet)
57	Intermediate Connecting Post	Size (.1875") Method (Position) Type (Continuous Fillet)
63	Ductwork	Size (.125") Method (Position) Type (Single Fillet Weld) 1" every 9"



DRAWING

Schedule-Welding
Footings

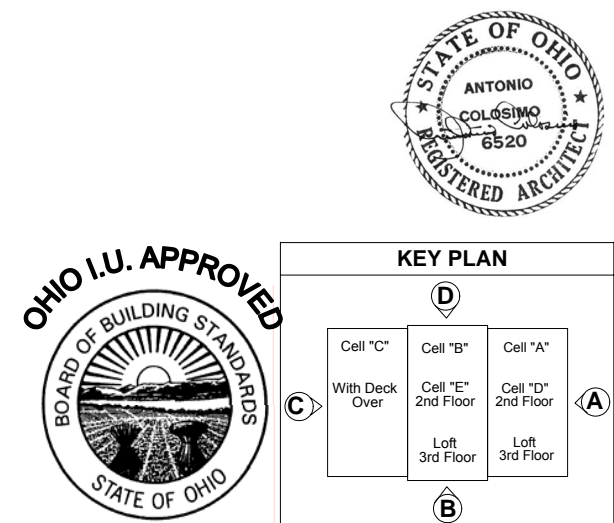
MODEL(S): Hartford



Schedule-Welding

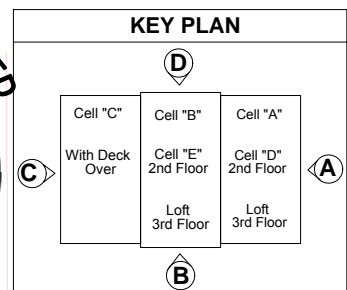
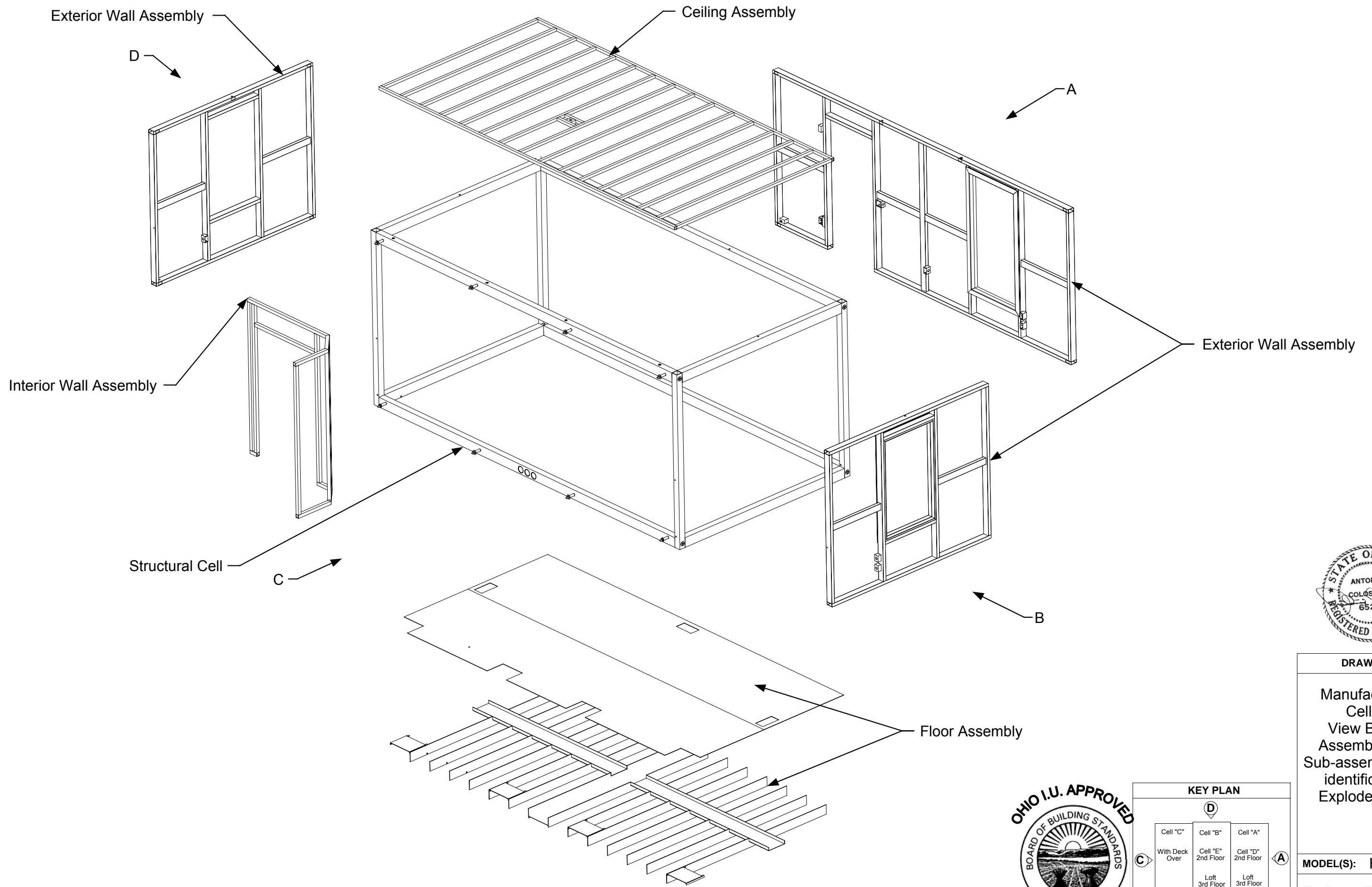
Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S8



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PDG Domus 060323-1

DRAWING
Schedule-Welding Architectural Plan
MODEL(S): Hartford
PAGE 20A



DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
Sub-assembly-Part
identification
Exploded view

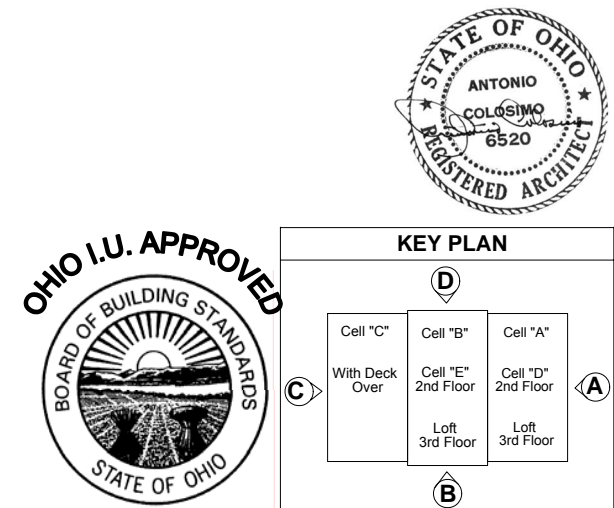
MODEL(S): Hartford

PAGE 21A

Exploded Cell Component

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S1



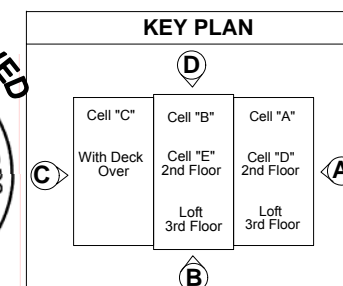
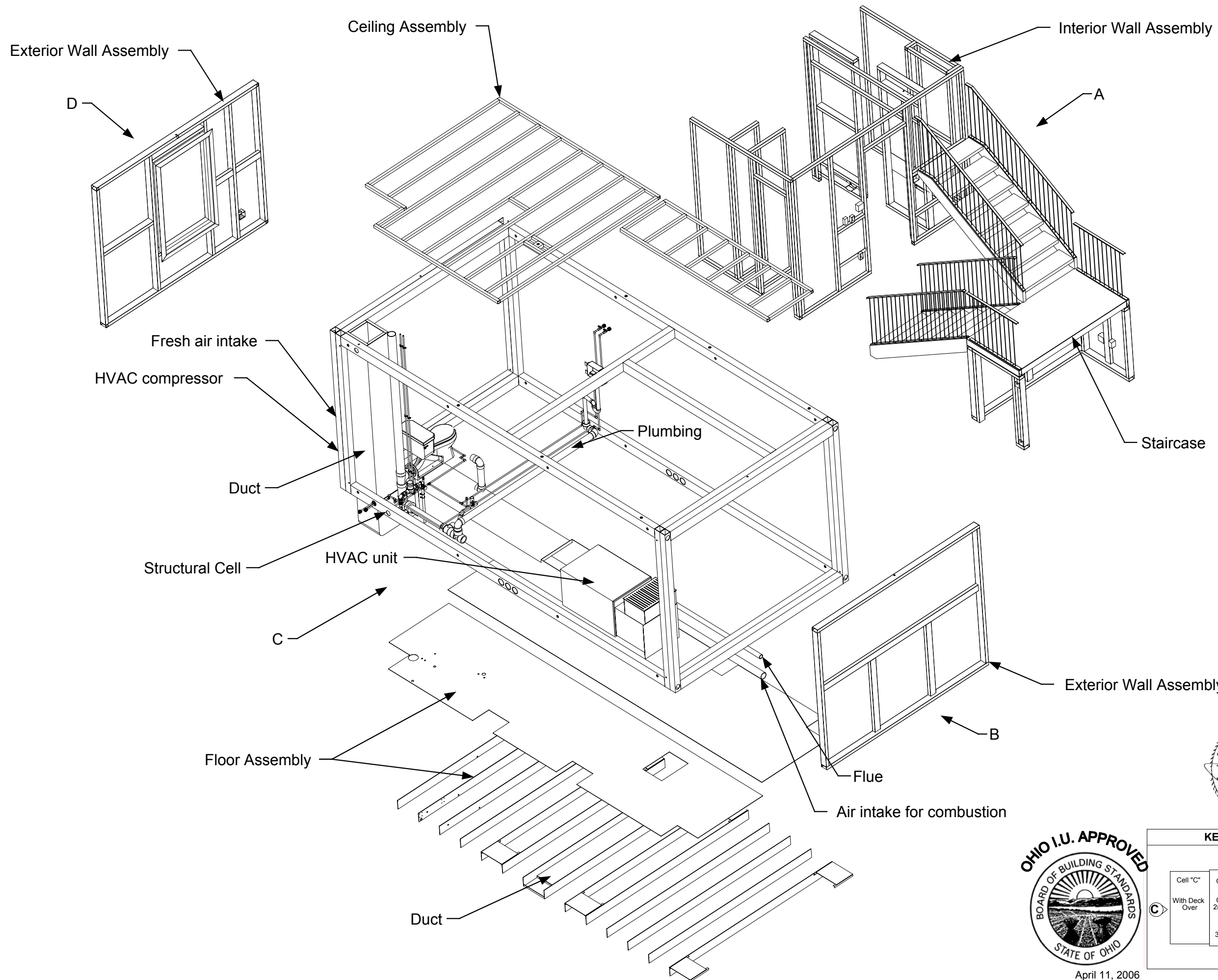
DRAWING

Manufacturing
Cell A
Exploded Cell
Component
Architectural Plan

MODEL(S):	Hartford
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PAGE21A1

April 11, 2006
PDG Domus 060323-1



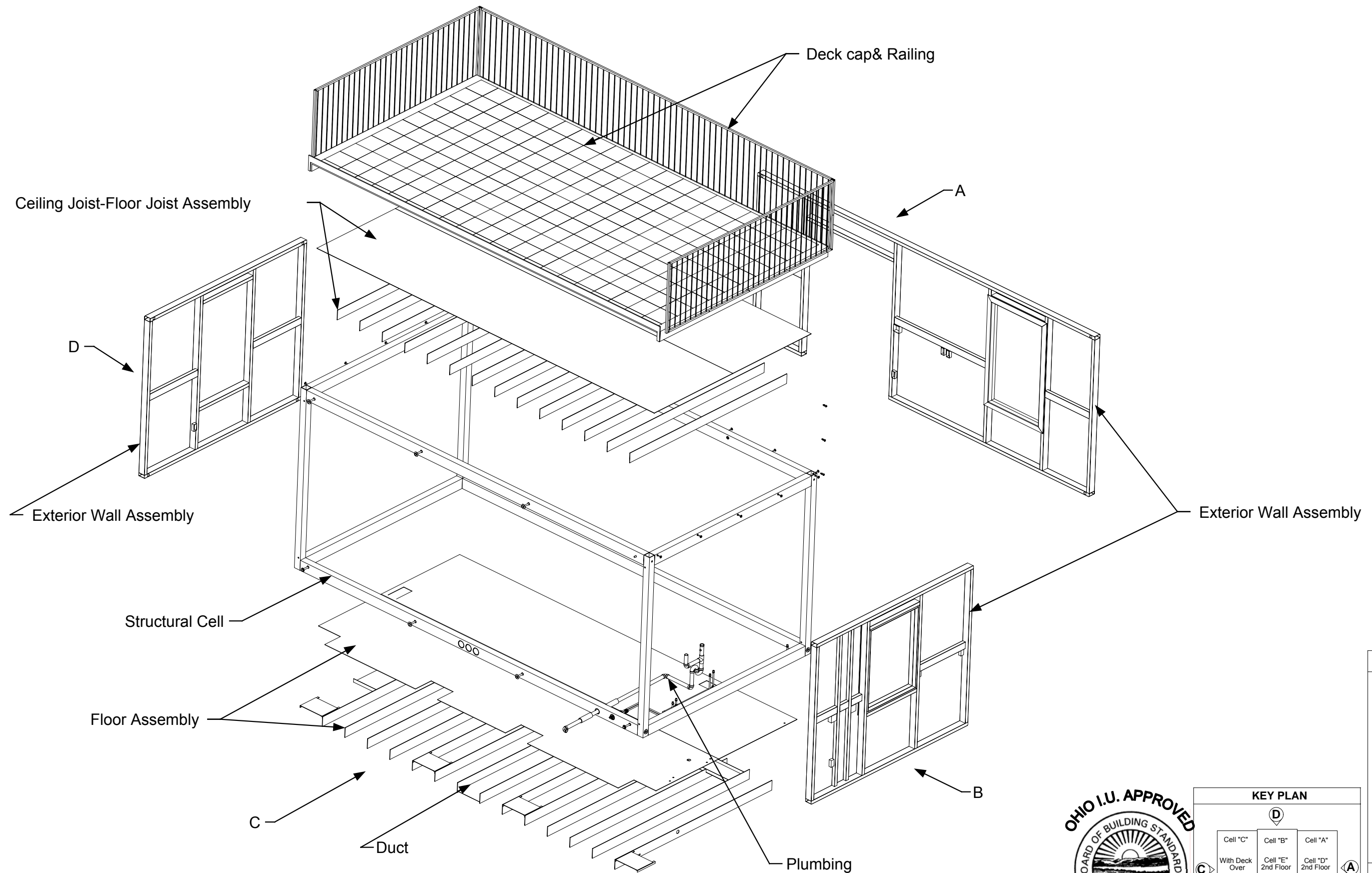
DRAWING

Manufacturing
Cell B
View B & C
Assembly-Cell
Sub-assembly-Part
identification
Exploded view

HVAC Type 2

MODEL(S): Hartford

PAGE21B1

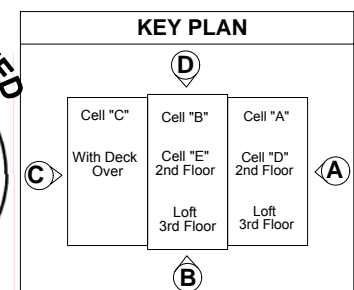


DRAWING

Manufacturing
Cell C
View B & C
Assembly-Cell
Sub-assembly-Part
identification
Exploded view

MODEL(S): Hartford

PAGE 21C

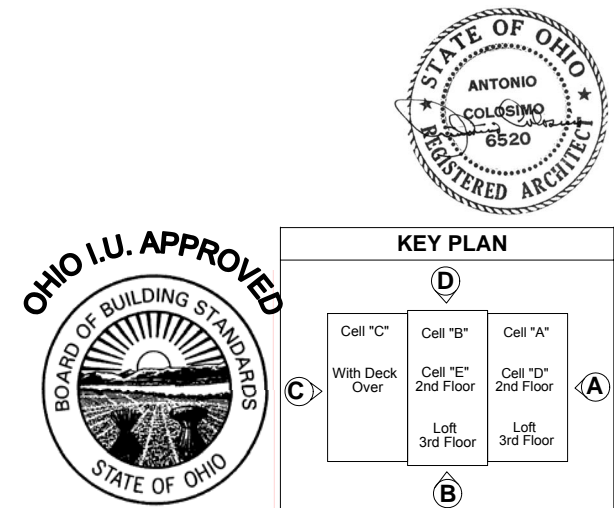


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Exploded Cell Component

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S1



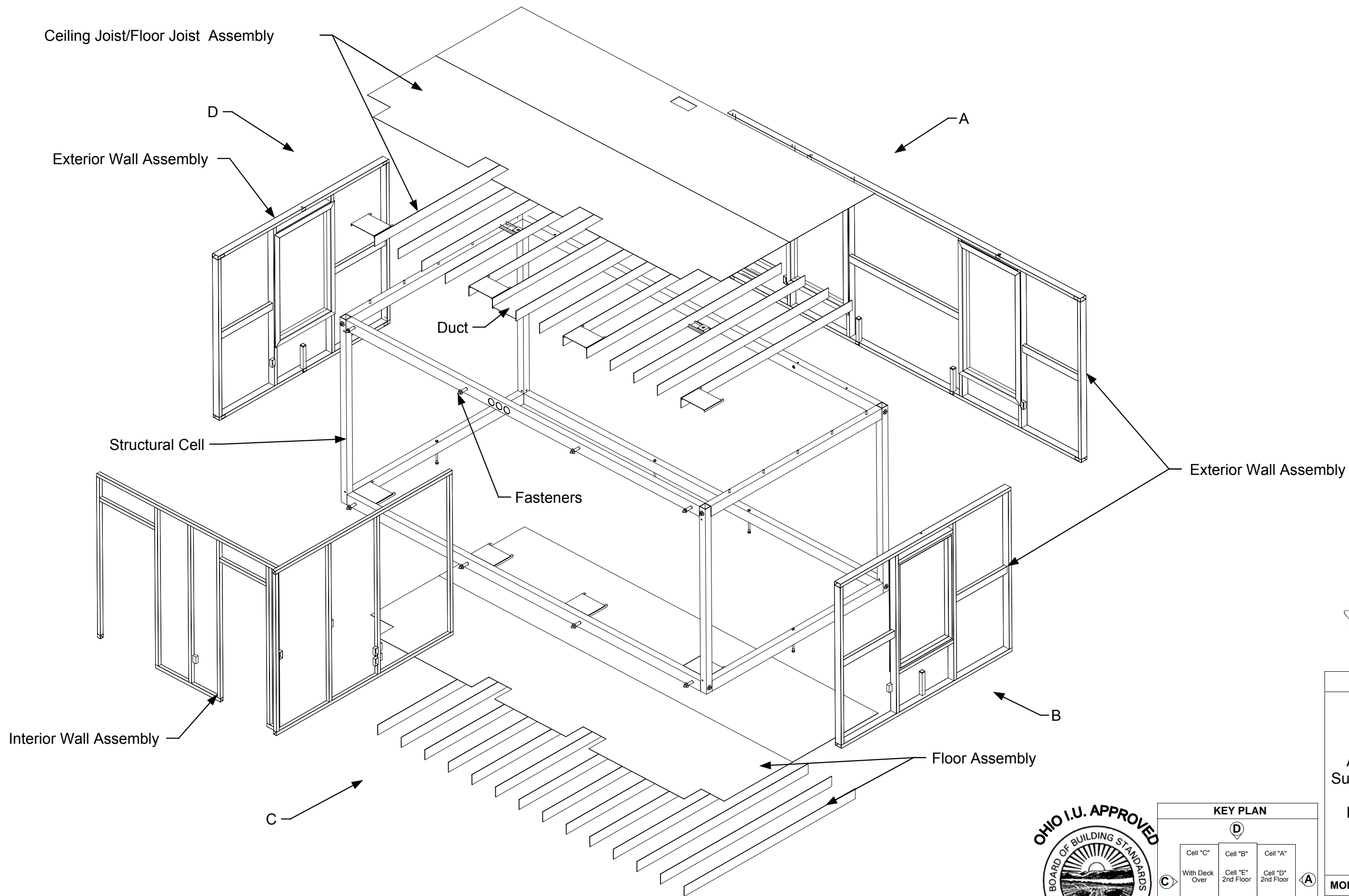
DRAWING

Manufacturing
Cell C
Exploded Cell
Component
Architectural Plan

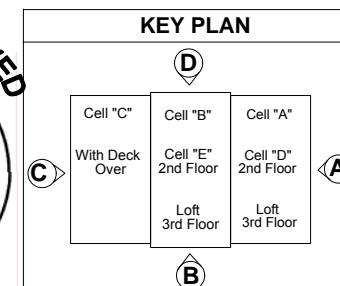
MODEL(S): Hartford

PAGE21C1

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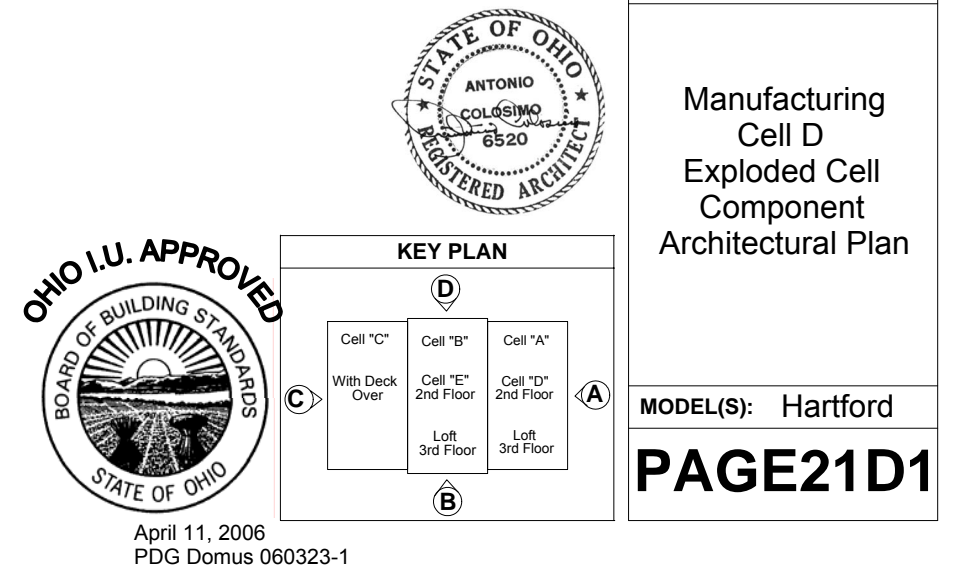
DRAWING
Manufacturing Cell D View B & C Assembly-Cell Sub-assembly-Part identification Exploded view
MODEL(S): Hartford
PAGE 21D

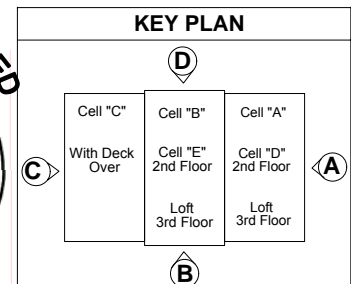
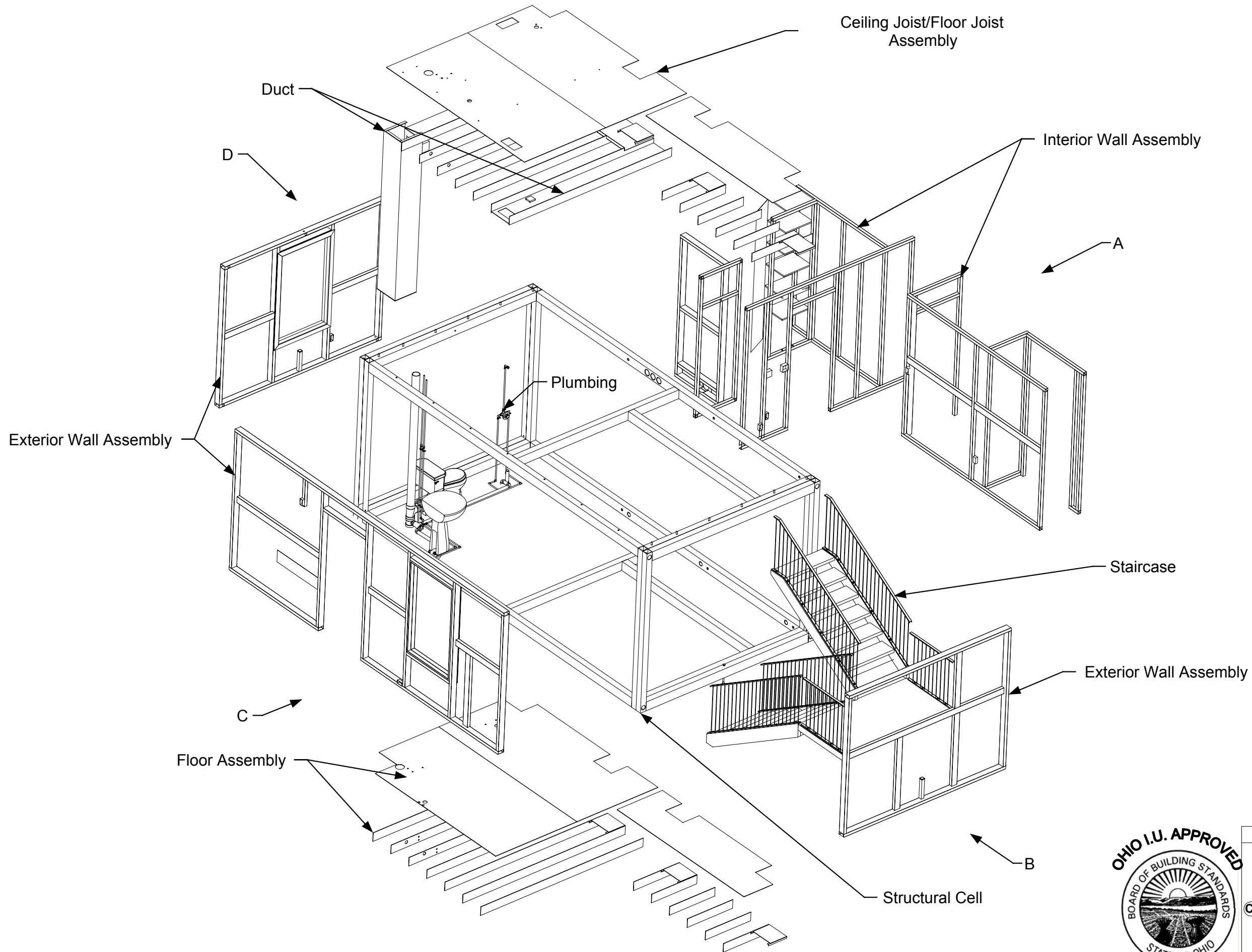


Exploded Cell Component

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S1





DRAWING

Manufacturing
Cell E
View B & C
Assembly-Cell
Sub-assembly-Part
identification
Exploded view

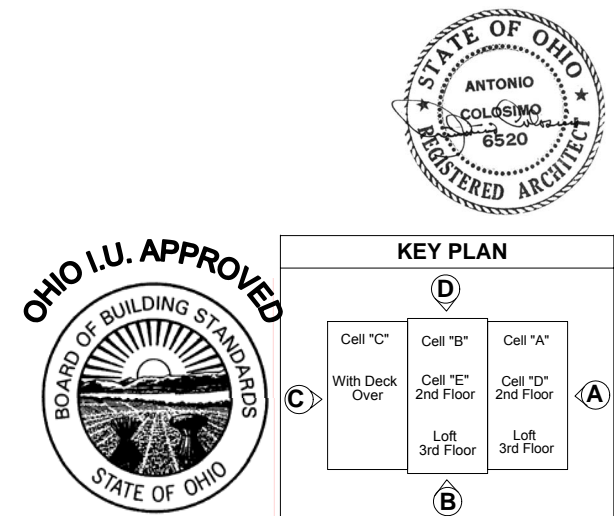
MODEL(S): Hartford

PAGE 21E

Exploded Cell Component

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

S1



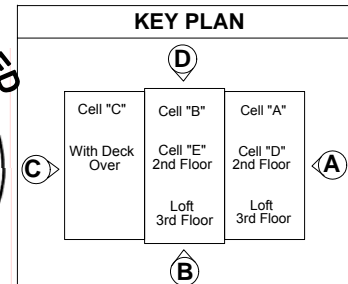
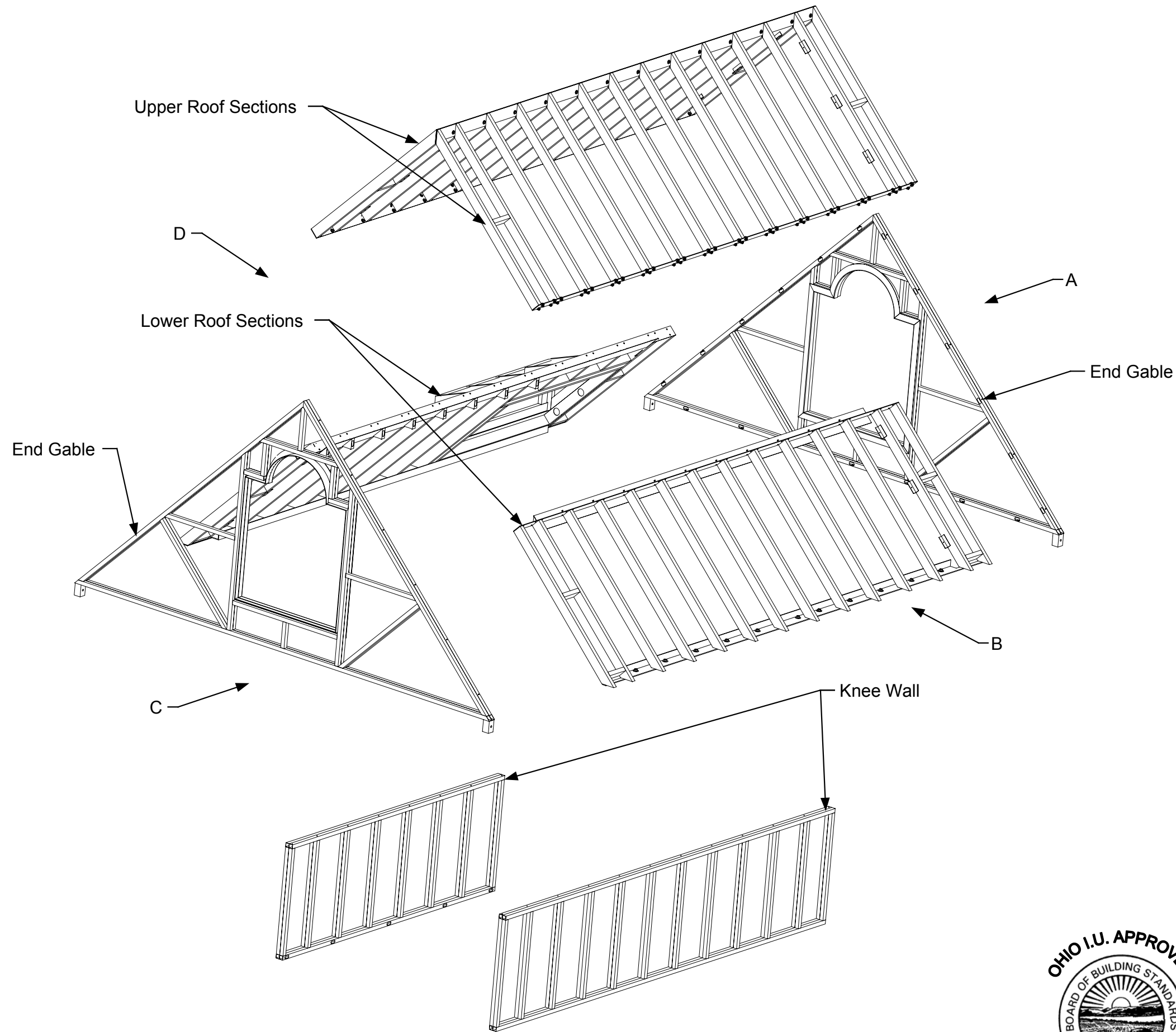
DRAWING

Manufacturing
Cell E
Exploded Cell
Component
Architectural Plan

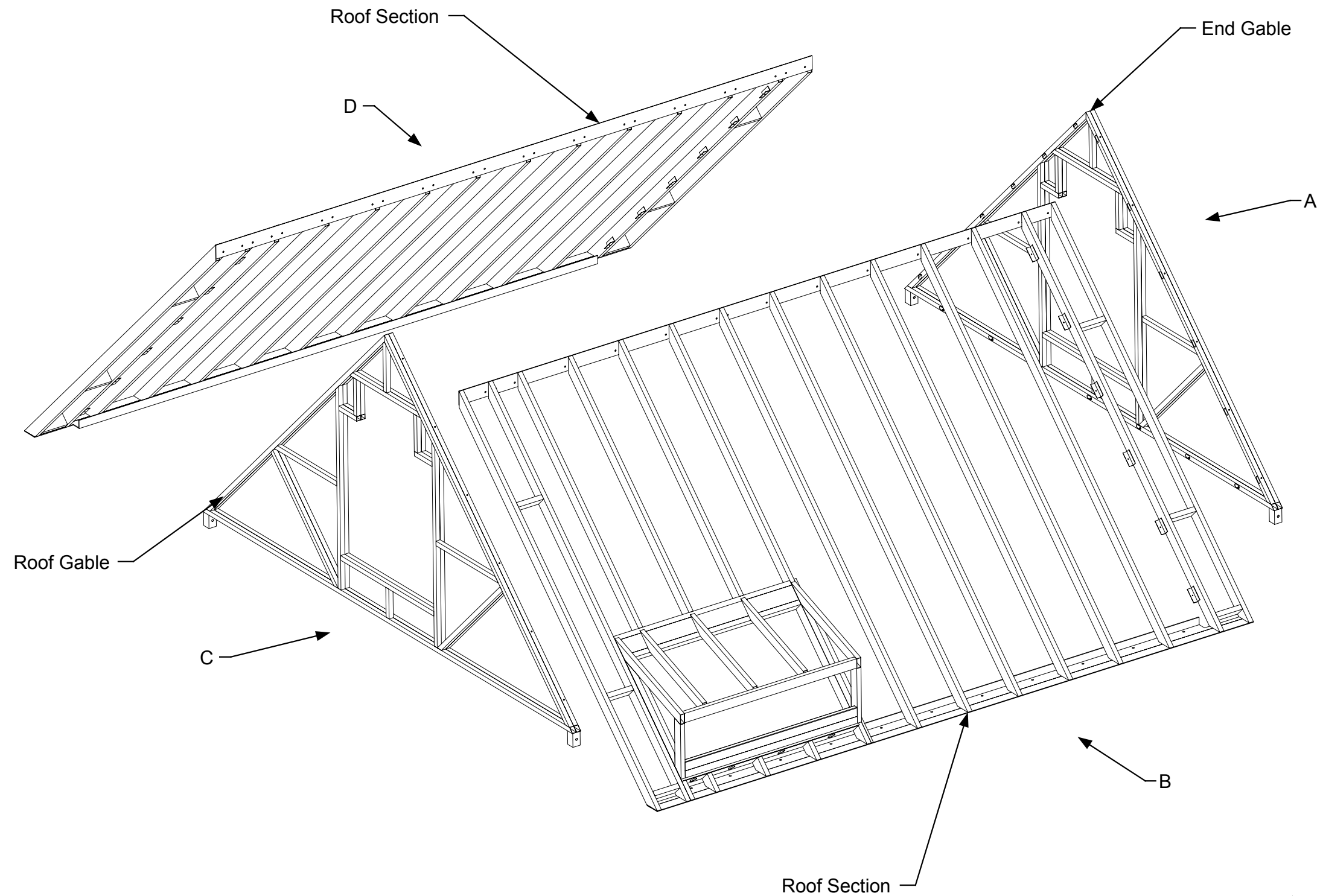
MODEL(S): Hartford

PAGE21E1

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DRAWING
Manufacturing Roof View B & C Assembly-Cell Sub-assembly-Part identification Type 2 Exploded view
MODEL(S): Hartford
PAGE 21F

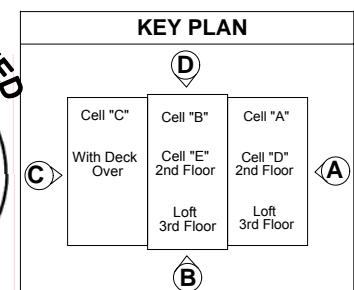


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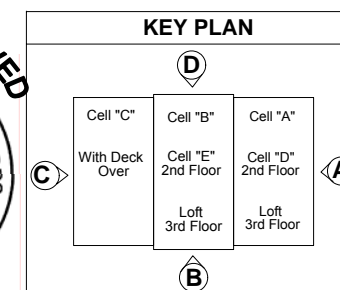
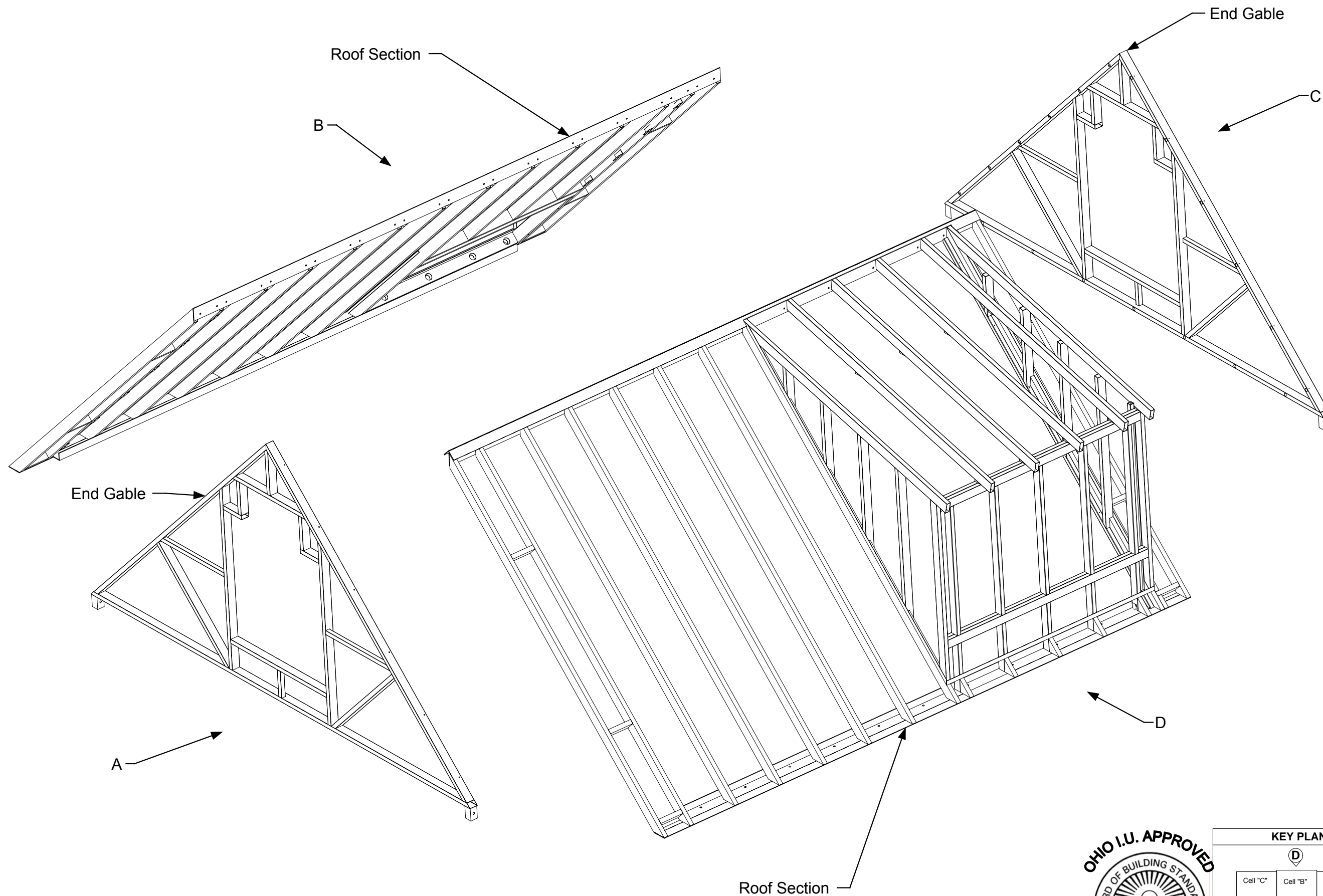
Manufacturing
Roof
View B & C
Assembly-Cell
Sub-assembly-Part
identification
Type 1
Exploded view

MODEL(S): Hartford

PAGE 21F1



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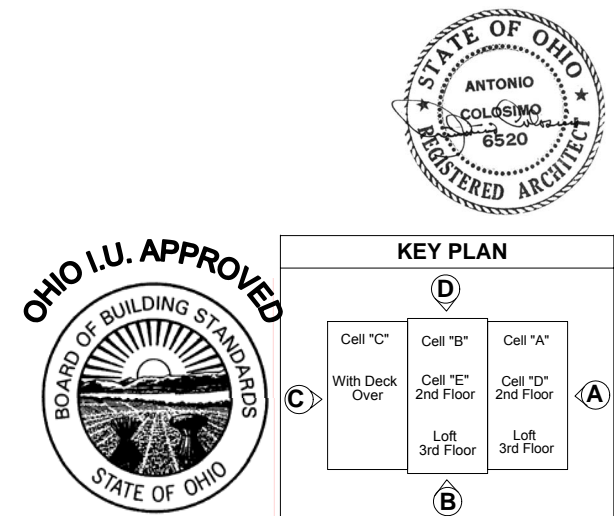


DRAWING
Manufacturing Roof View A & D Assembly-Cell Sub-assembly-Part identification Type 3 Exploded view 3rd floor bathroom
MODEL(S): Hartford
PAGE 21F2

Exploded Cell Component

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

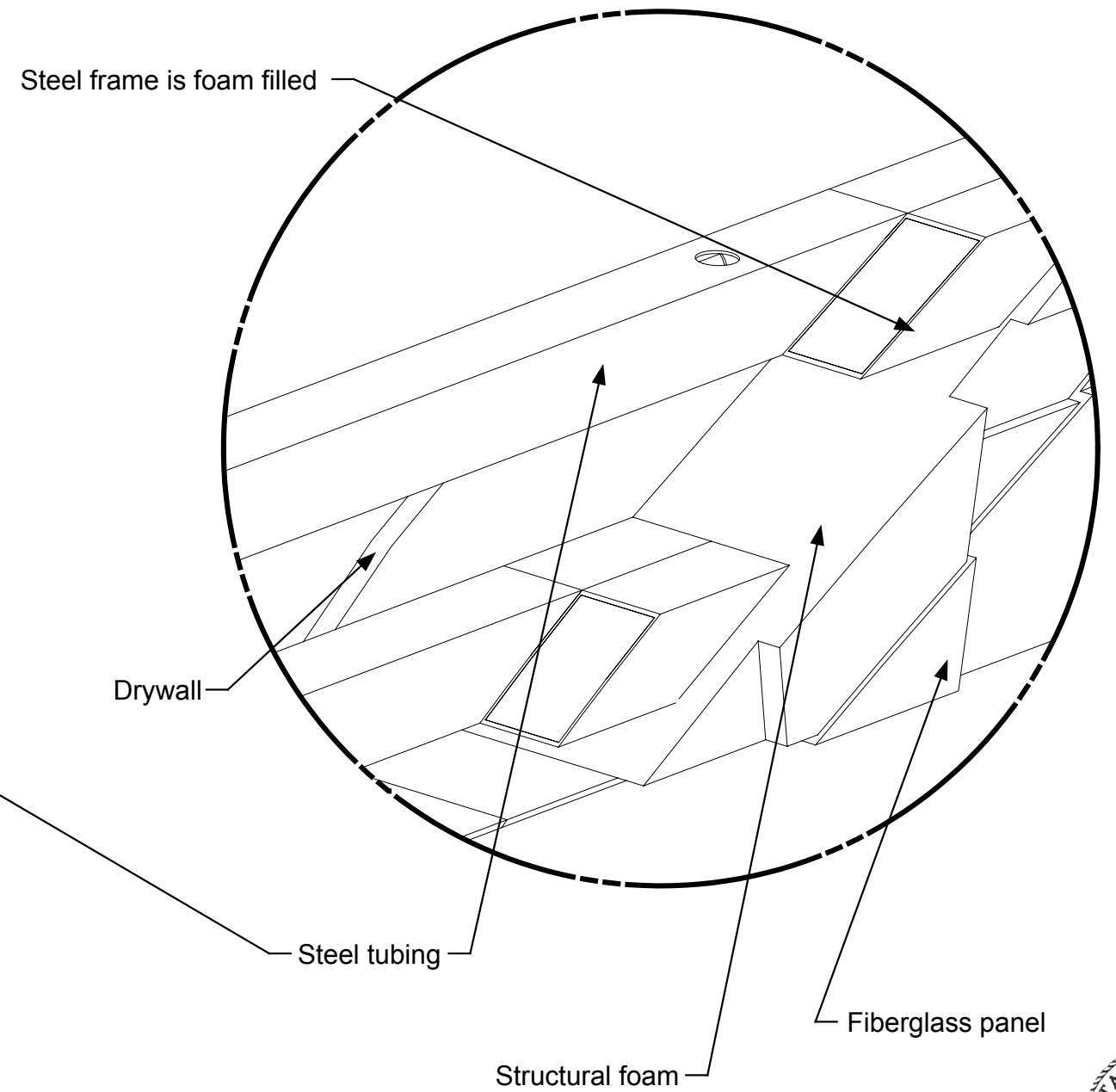
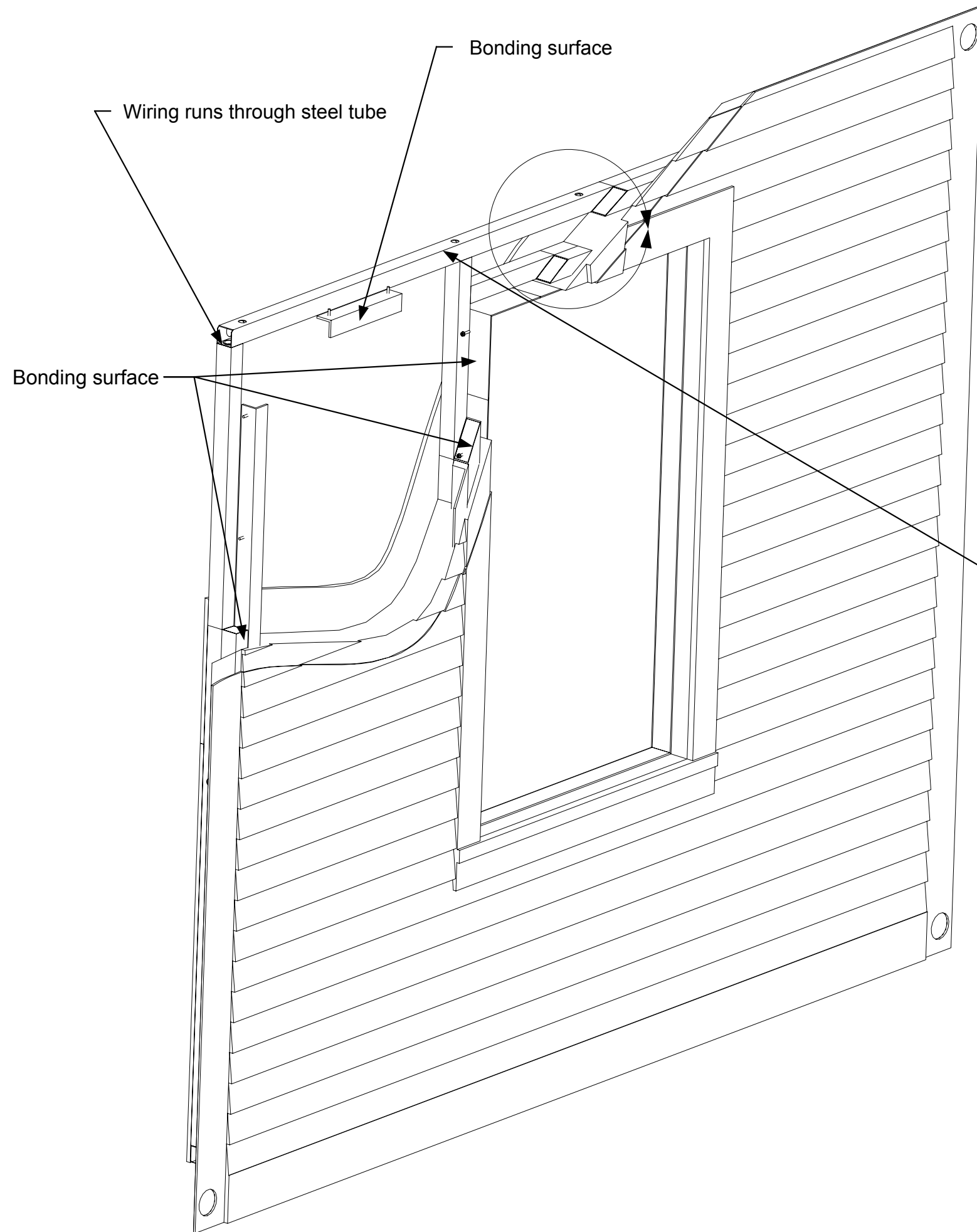
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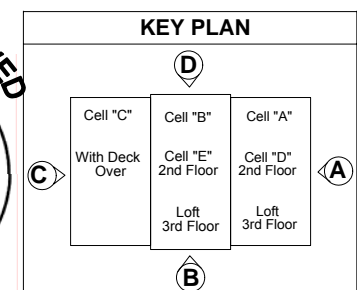
DRAWING
Manufacturing Cell R Exploded Cell Component Architectural Plan

MODEL(S):	Hartford
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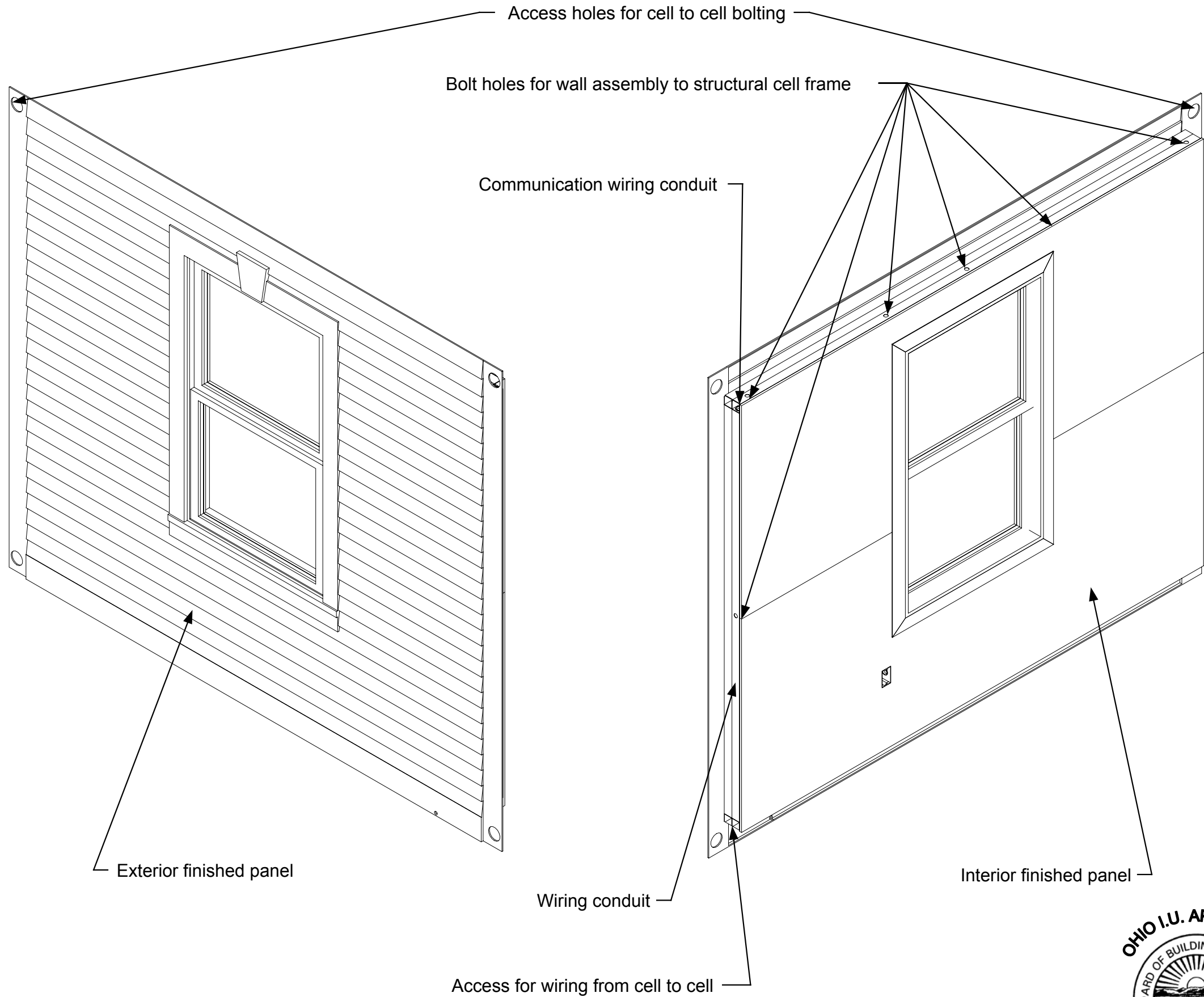
PAGE21F3



REF: Page 25 and 25A
 Assembly-Exterior wall
 View 3D Cutaway
 Panel/Frame/window



DRAWING
Manufacturing Assembly-Exterior wall View 3D Cutaway Wall assembly complete
MODEL(S): Hartford
PAGE 22

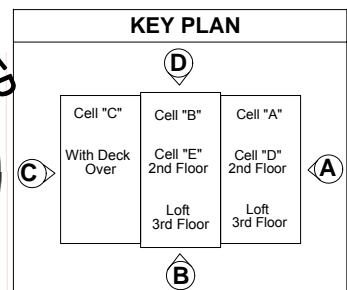


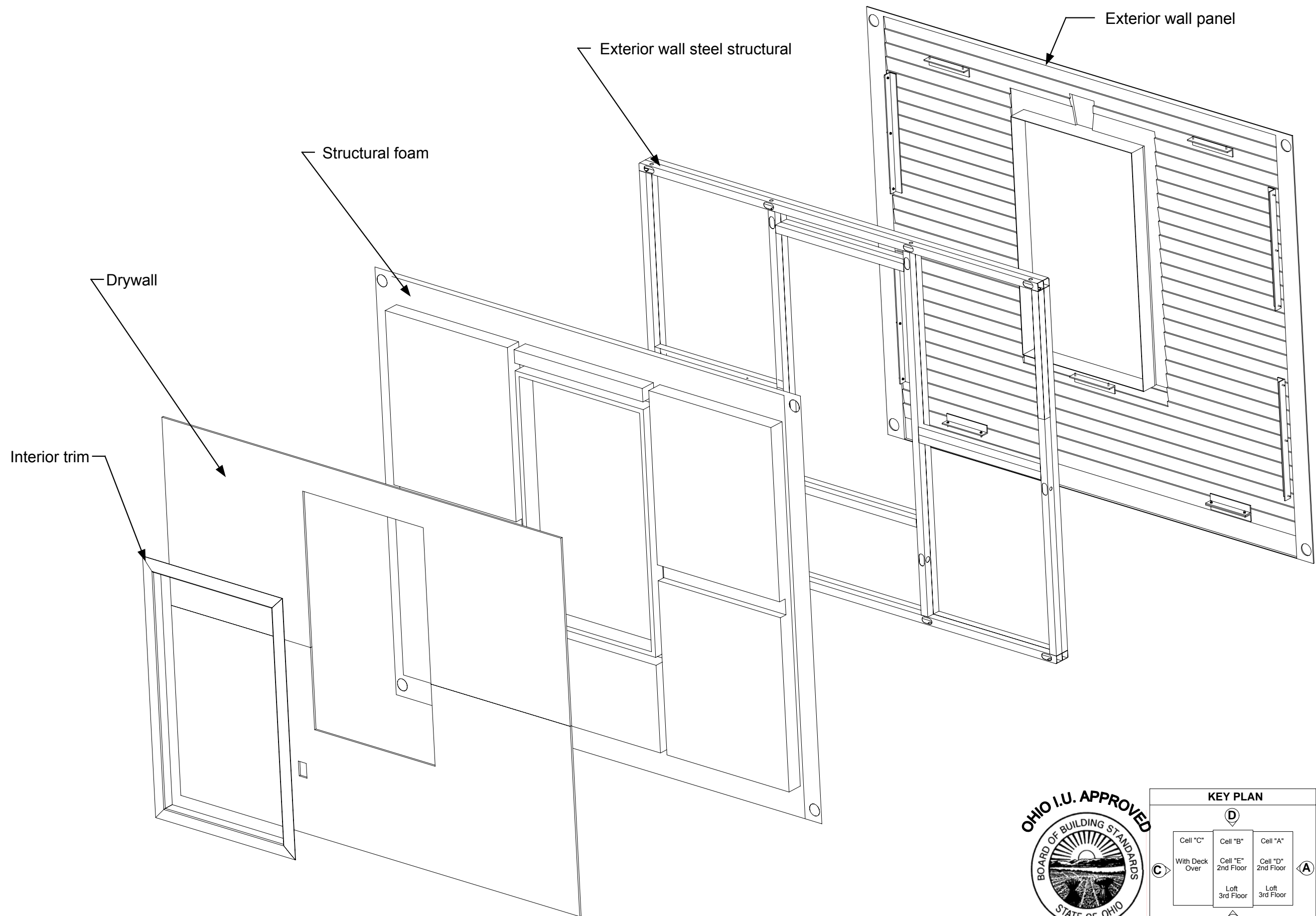
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Wall assembly
complete

MODEL(S): Hartford

PAGE 22A



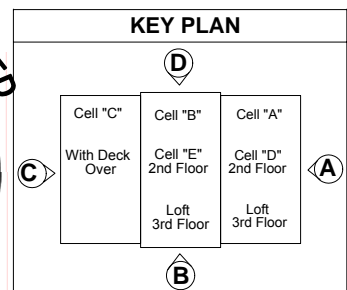


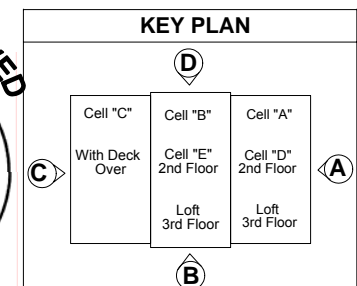
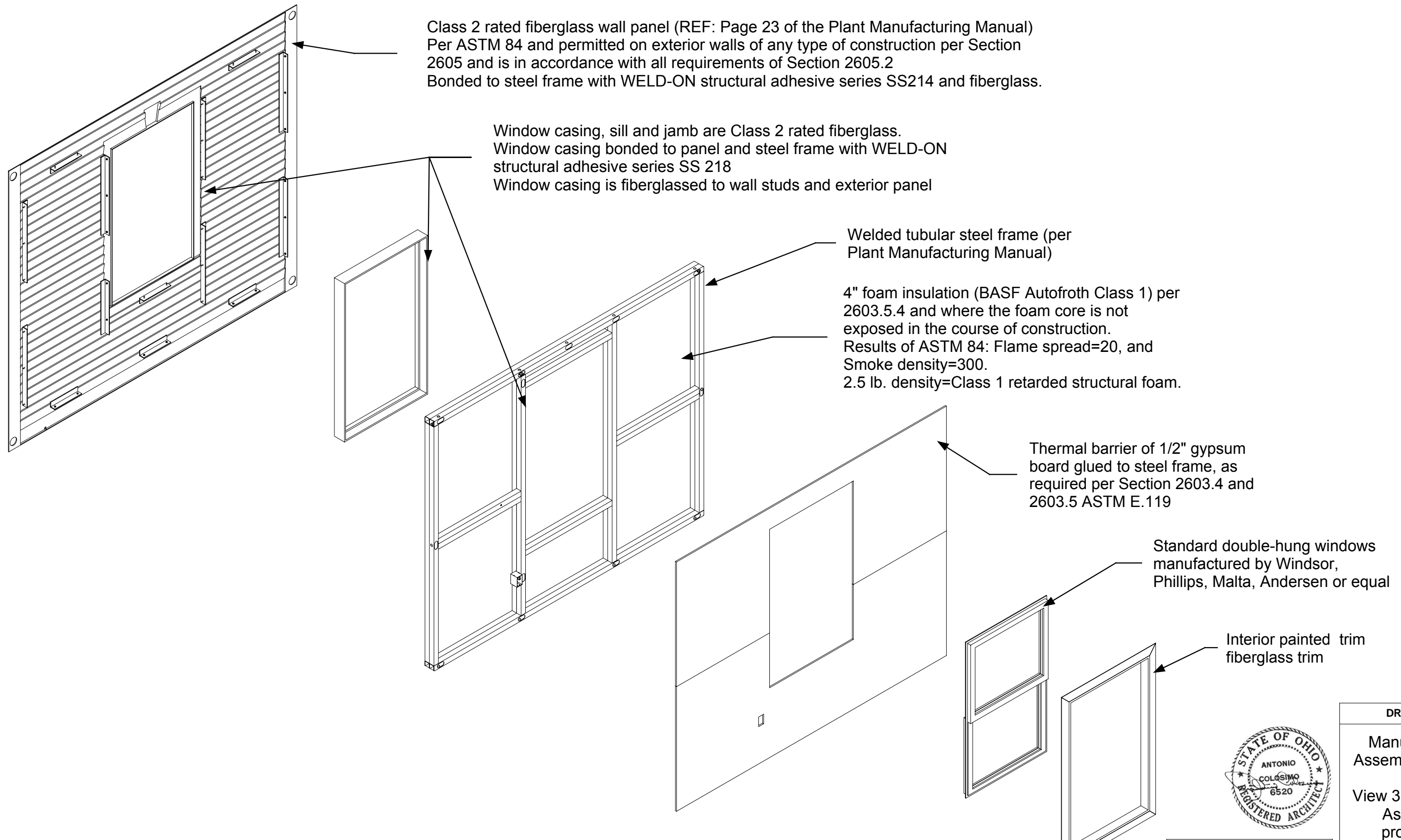
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Part identification

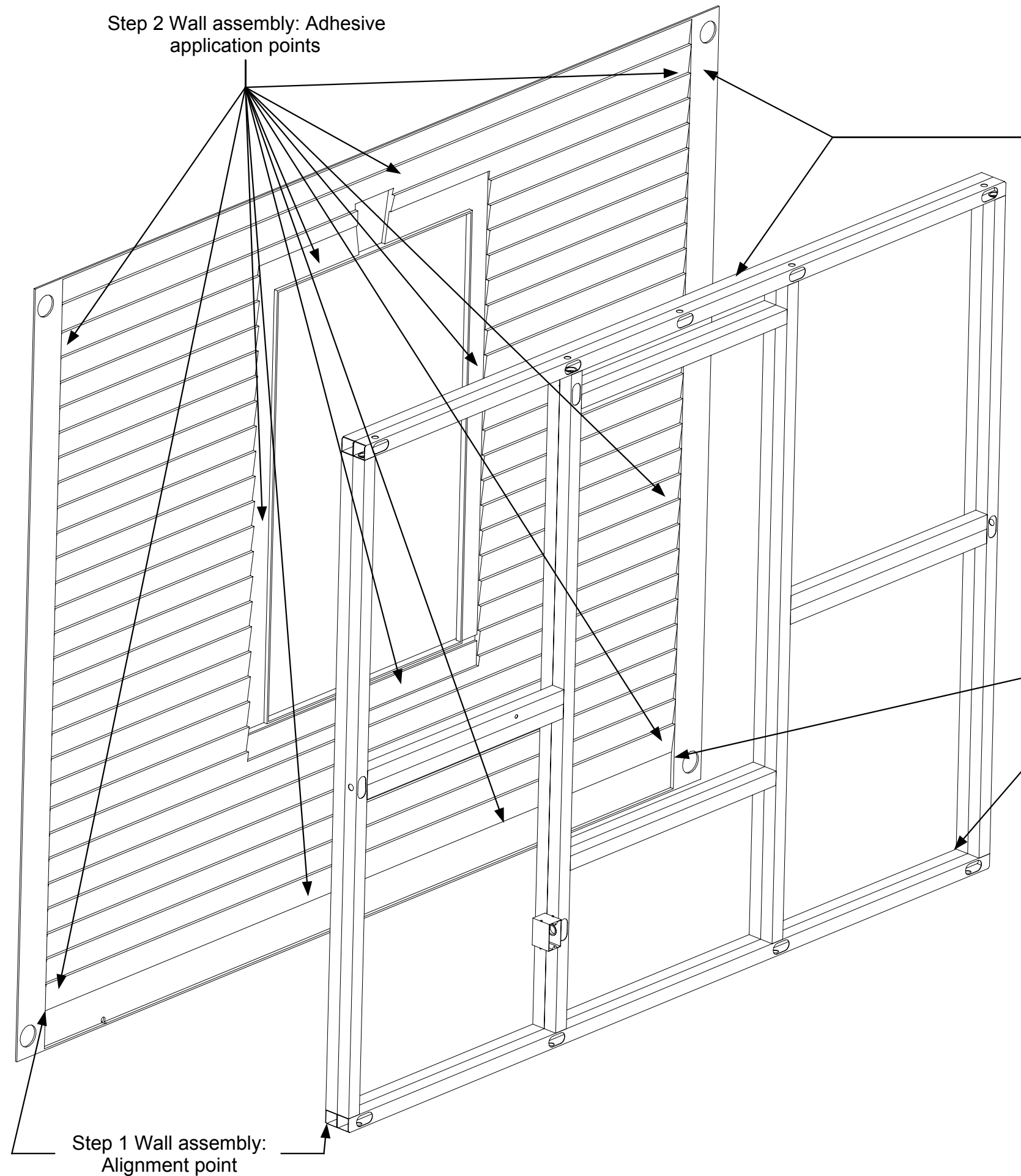
MODEL(S): Hartford

PAGE 23





DRAWING
Manufacturing Assembly-Exterior wall View 3D exploded Assembly procedure
MODEL(S): Hartford
PAGE 24



Step 2 Wall assembly: Adhesive application points

Step 1 Wall assembly: Align steel frame to panel. Steel frame is bonded to panel. All steel frame surfaces facing panel are covered with WELD-ON structural adhesive series SS214. Technical information on adhesive is found in Support Document 1, section 10.

Step 1 Wall assembly: Alignment point

Step 1 Wall assembly: Alignment point

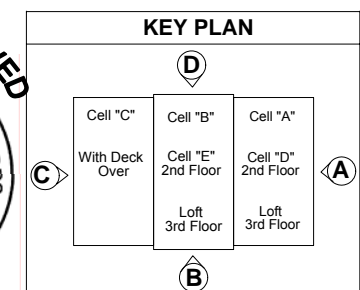


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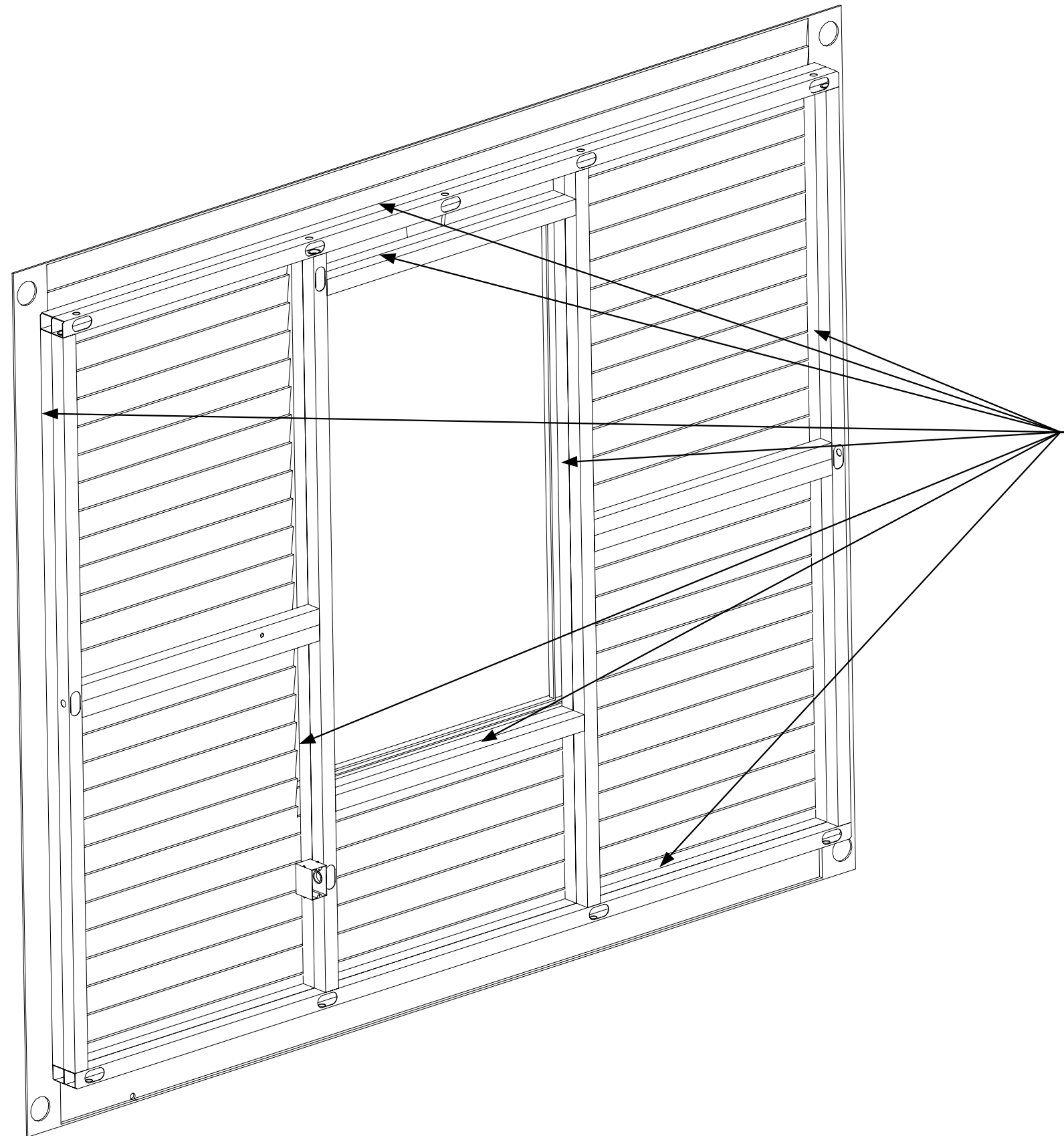
Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel and Steel
frame assembly
Assembly
procedure

MODEL(S): Hartford

PAGE 24A



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PDG Domus 060323-1



All steel surfaces bonded to panel

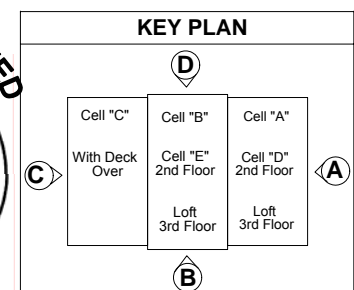


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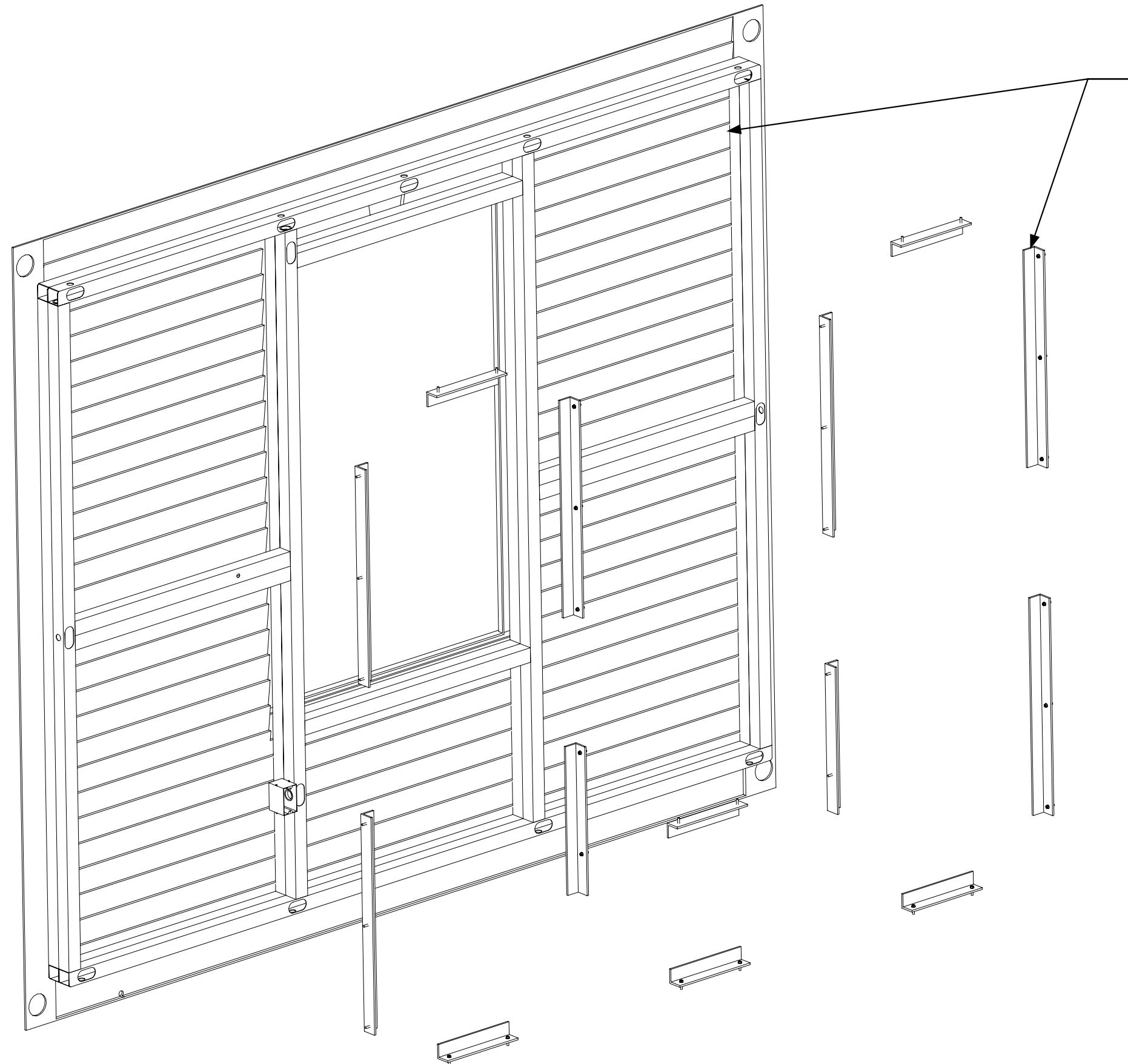
Manufacturing
Assembly-Exterior
wall
View 3D
Panel and Steel
frame assembly
Panel attachment

MODEL(S): Hartford

PAGE 24B



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Step 3 Wall assembly: Bond fiberglass
L-angle to panel and steel frame

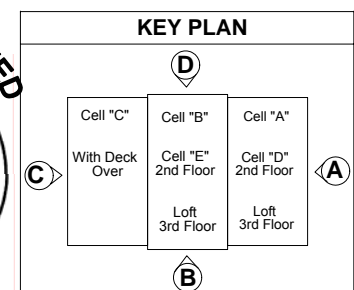


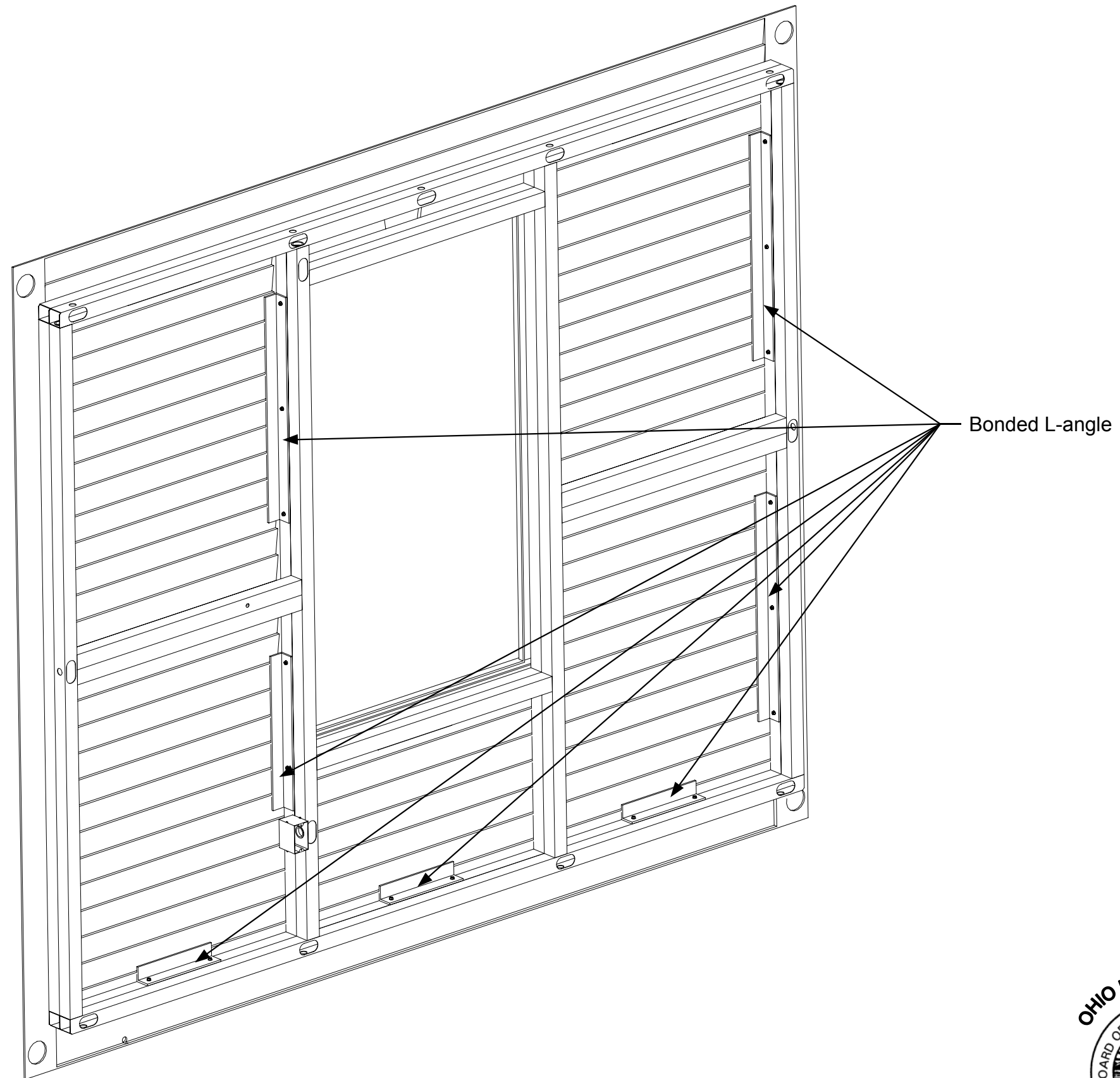
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel and Steel
frame assembly
L-angle installation

MODEL(S): Hartford

PAGE 24C



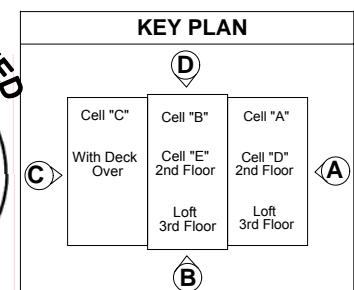


DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Panel and Steel
frame assembly
L-angle installation
complete

MODEL(S): Hartford

PAGE 24D



Steel frame is alignment device
for window casement

Outside window casing is
covered with adhesive
before installing

Once adhesive is cured, apply
Silaprene SolidSeal
adhesive/sealant to window
casing edge.
Once adhesive/sealant is cured
paint over sealant.

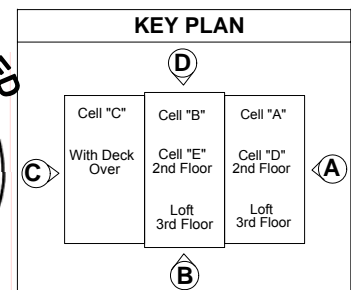


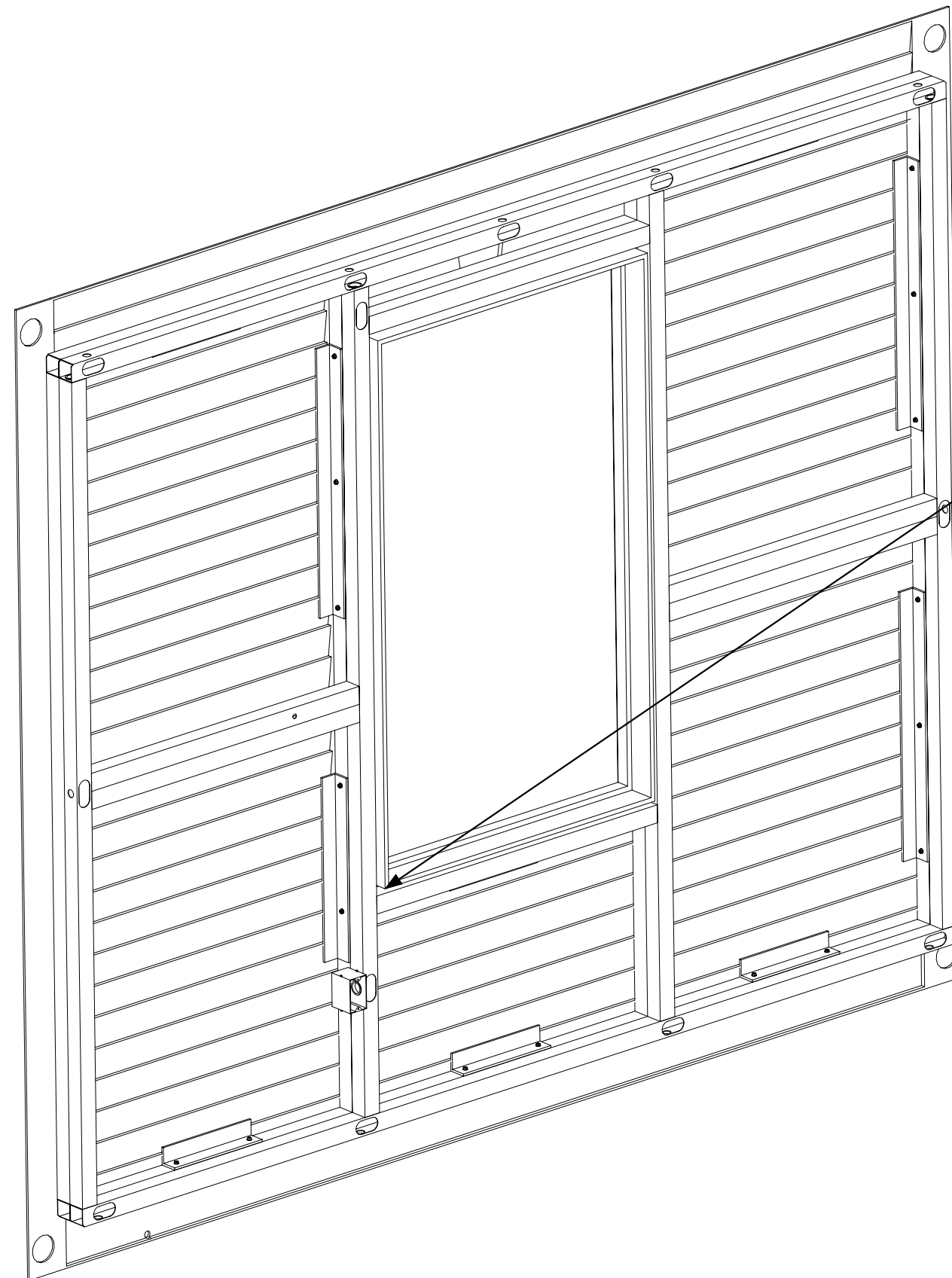
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel and Steel
frame assembly
Window casing
installation

MODEL(S): Hartford

PAGE 24E





Bonding material fills gap
between casing and steel frame

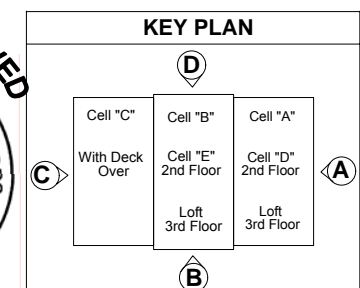


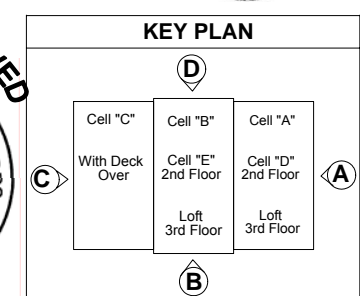
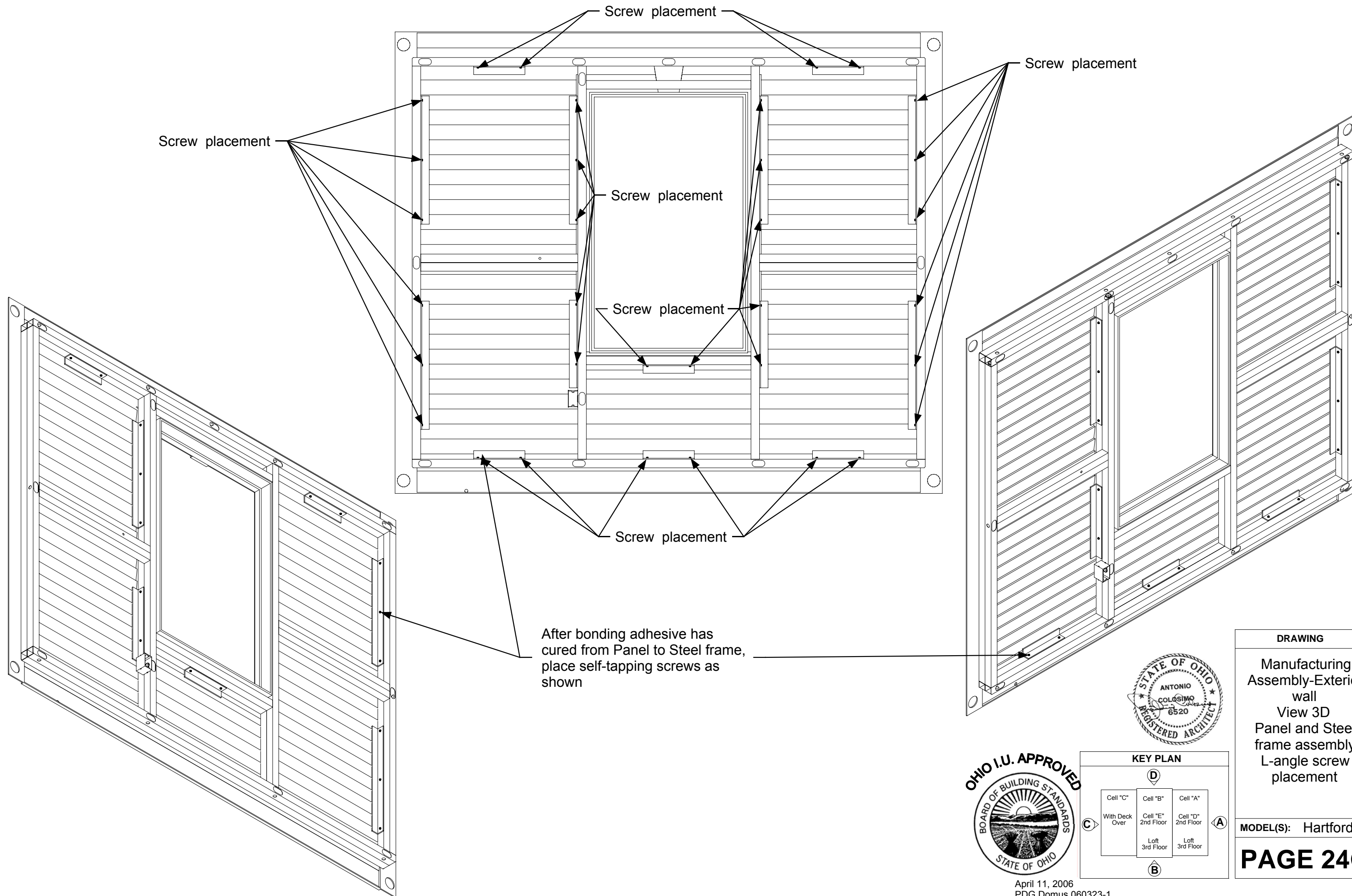
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Panel and Steel
frame assembly
Window casing
installation
complete

MODEL(S): Hartford

PAGE 24F





DRAWING

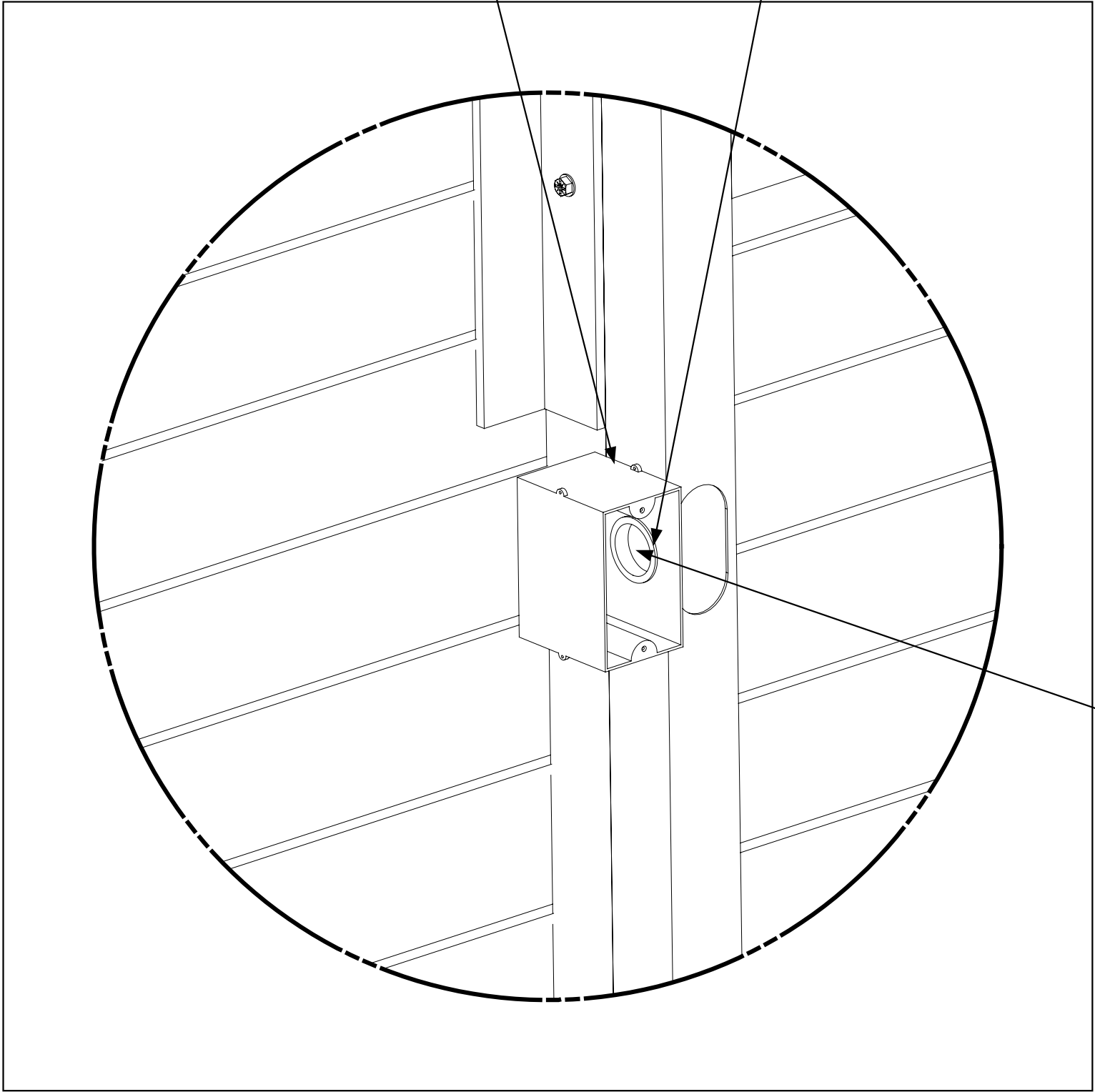
Manufacturing
Assembly-Exterior
wall
View 3D
Panel and Steel
frame assembly
L-angle screw
placement

MODEL(S): Hartford

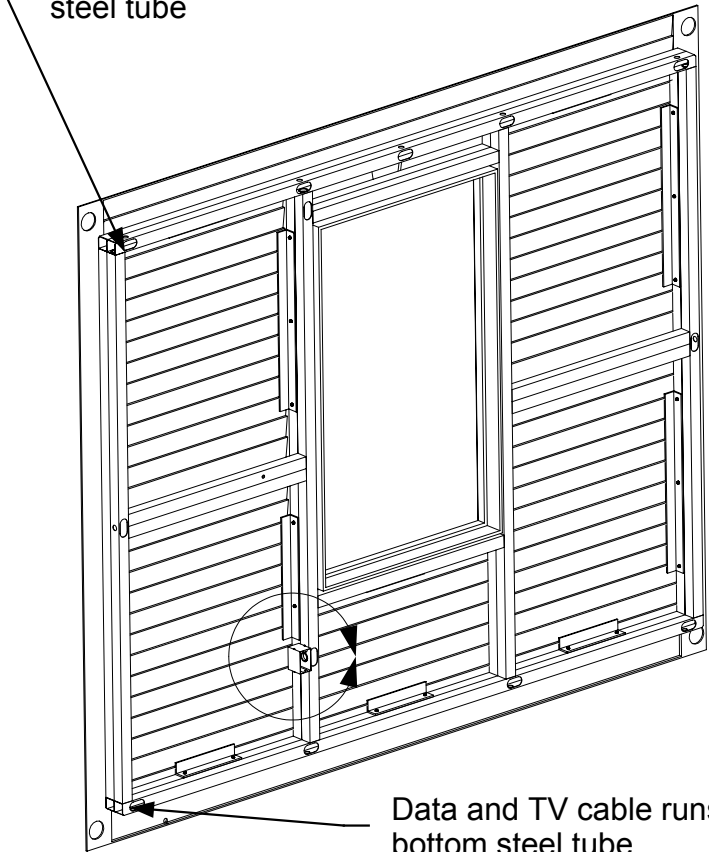
PAGE 24G

Box is spot welded or screwed onto steel stud

Wiring grommet installed through electrical box and wall stud



110v wiring runs through top steel tube



Data and TV cable runs through bottom steel tube

Wiring runs through stud into box

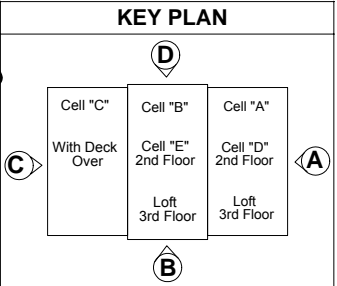


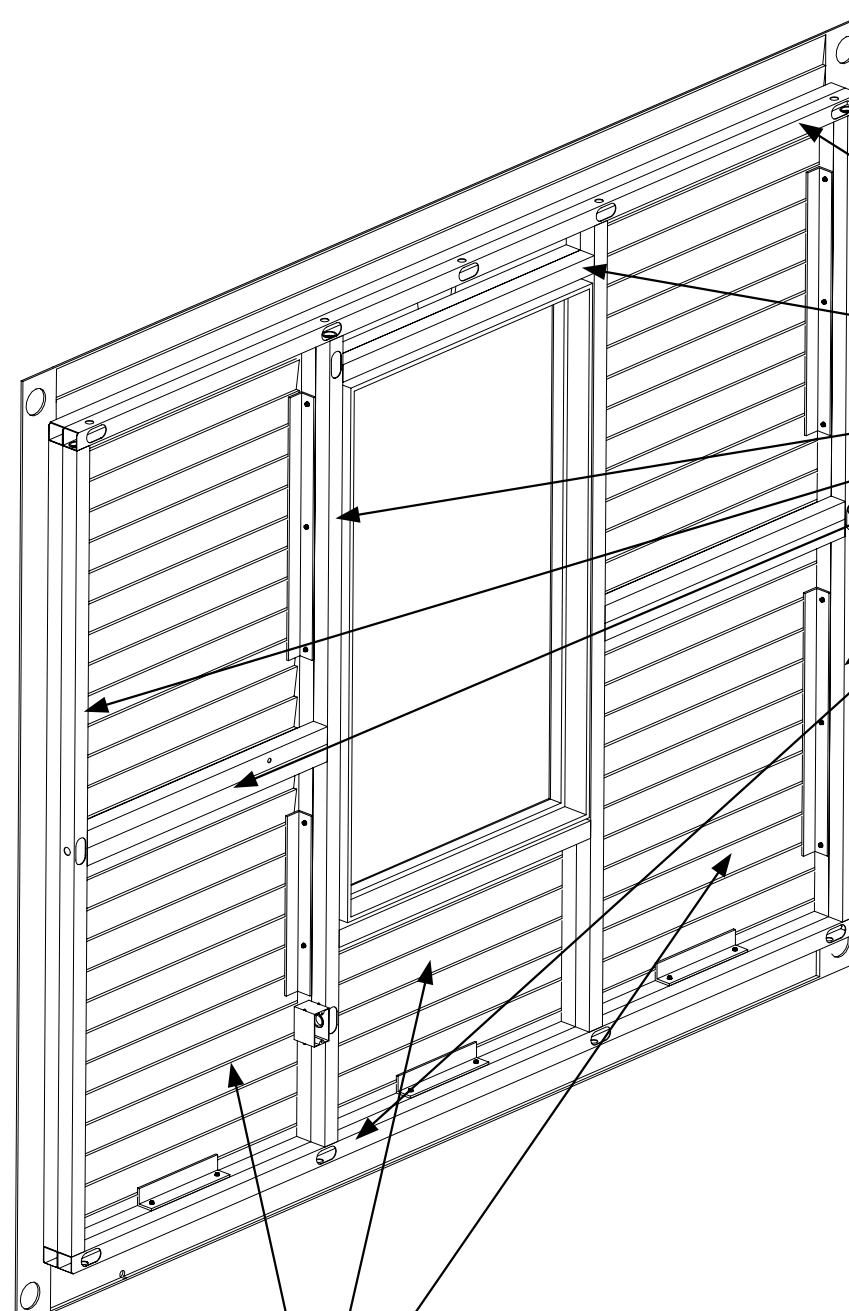
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Panel & Steel
frame assembly
Electrical
installation
Detail 1

MODEL(S): Hartford

PAGE 24H

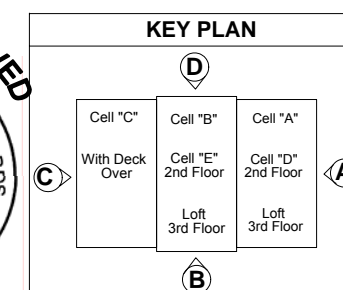




Drywall attached with adhesive

First sheet of drywall attached

After the second sheet of drywall is installed, foam is injected into wall cavity, supporting and bonding 100% of the drywall surface



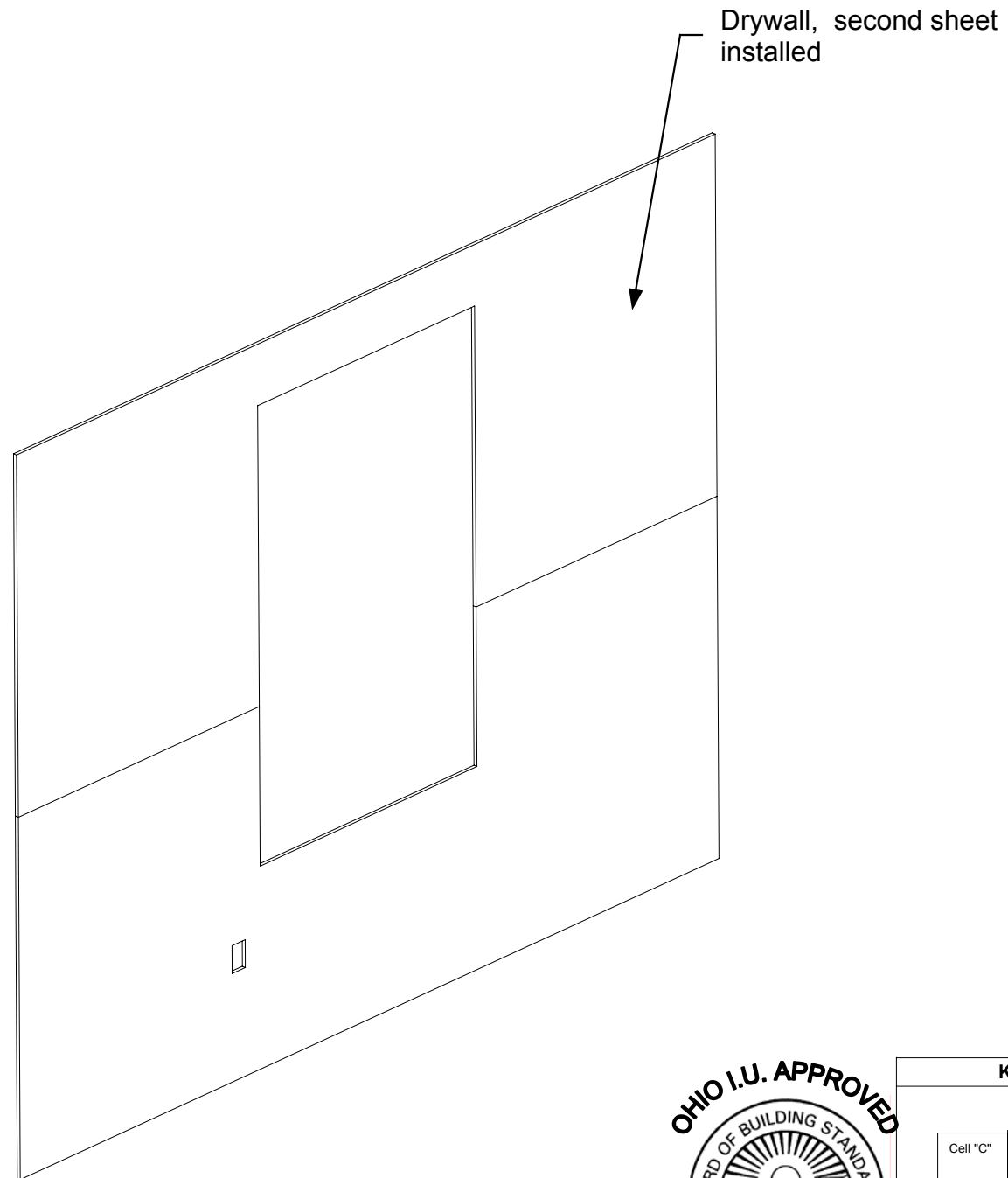
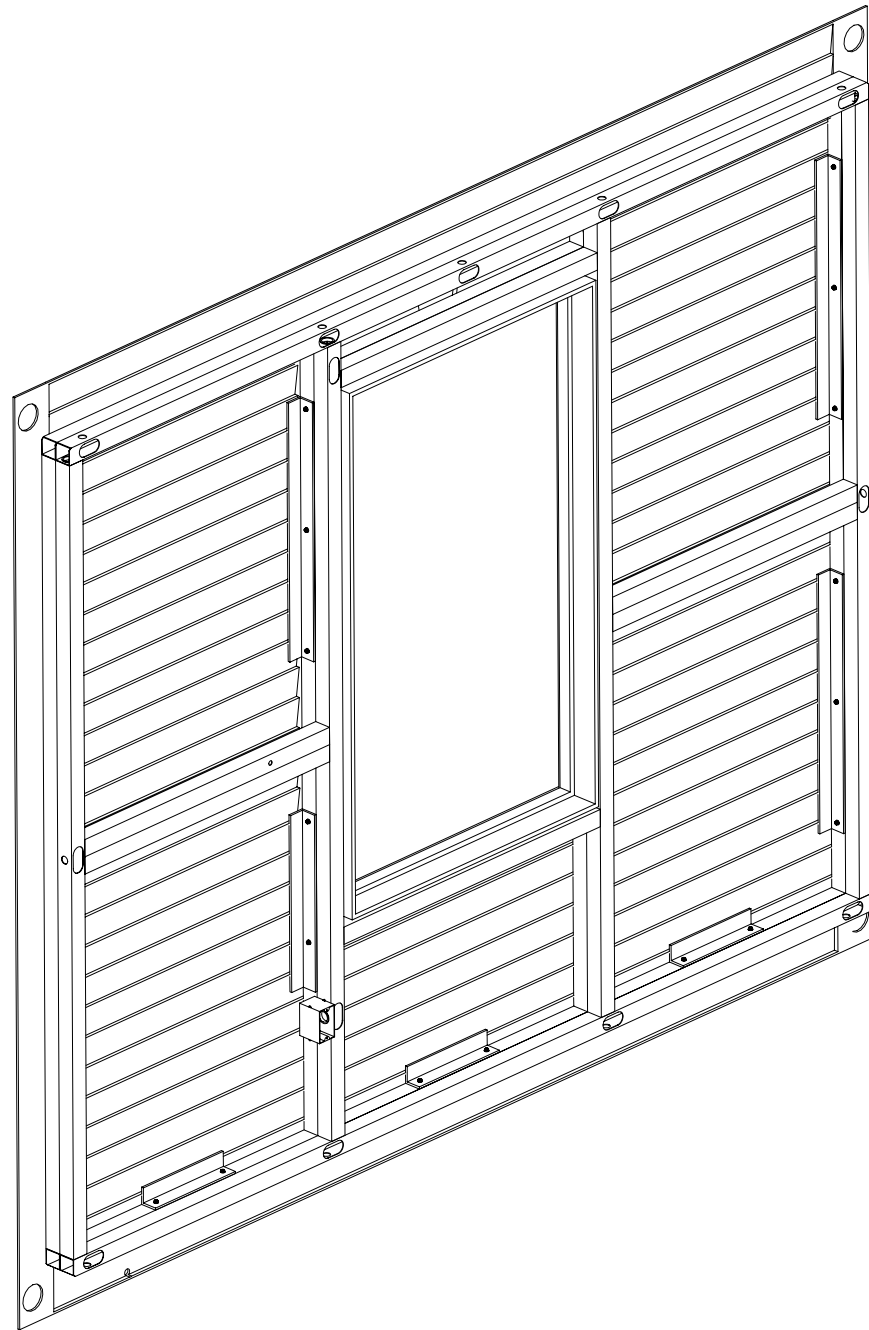
April 11, 2006
PDG Domus 060323-1

DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel & Steel
frame assembly
Drywall installation-
1

MODEL(S): Hartford

PAGE 24I

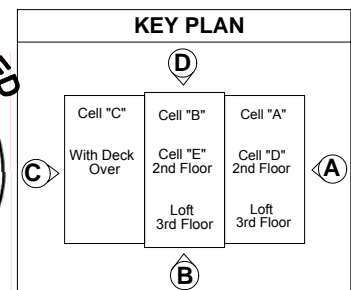


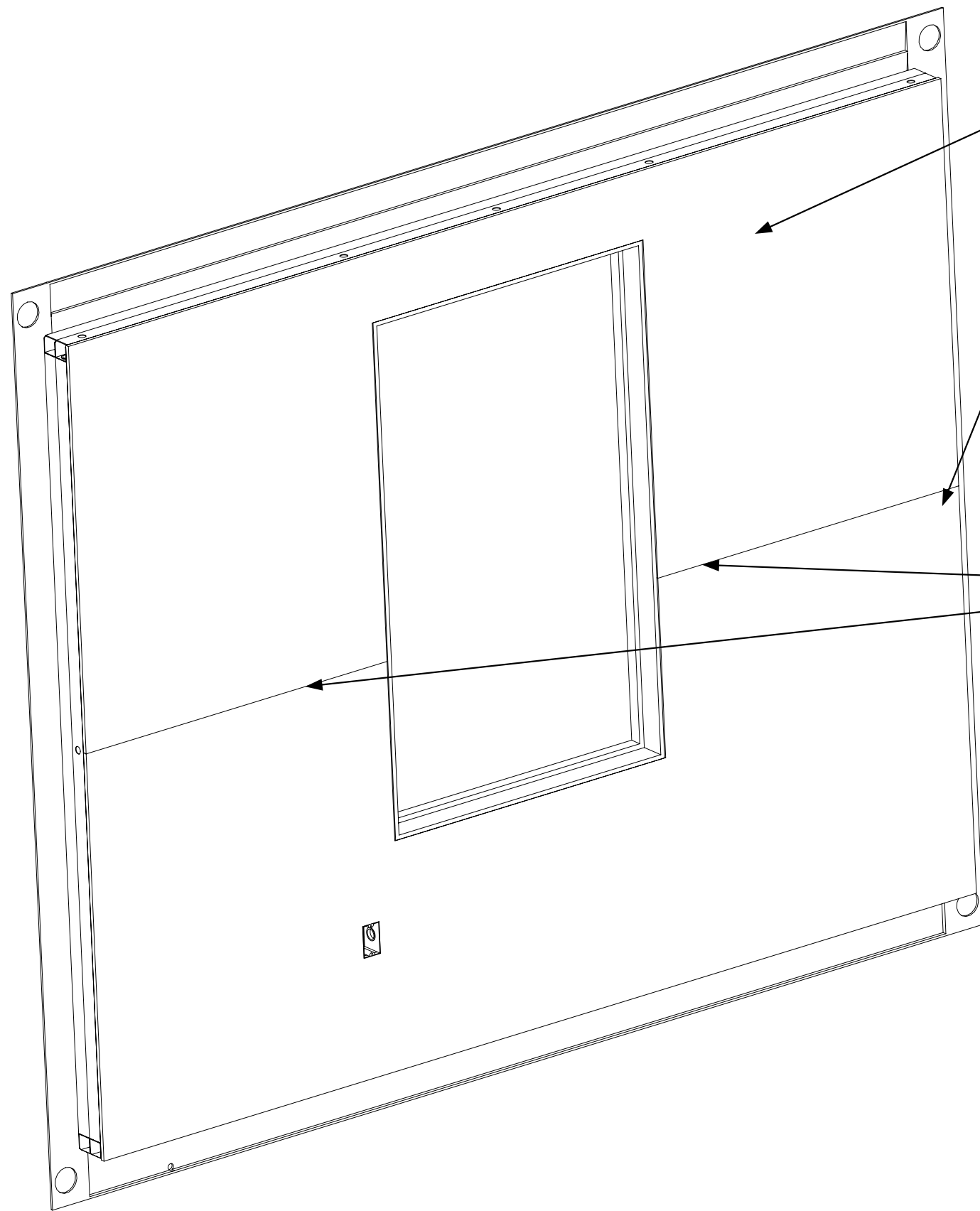
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel & Steel
frame assembly
Drywall installation-
2

MODEL(S): Hartford

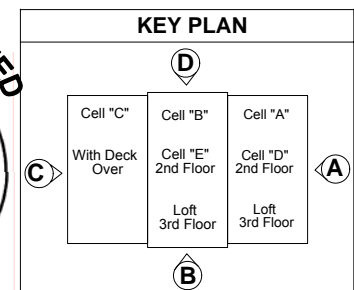
PAGE 24J





After drywall is installed foam is injected into wall cavity supporting and bonding 100% of the drywall surface

Drywall tape and plaster

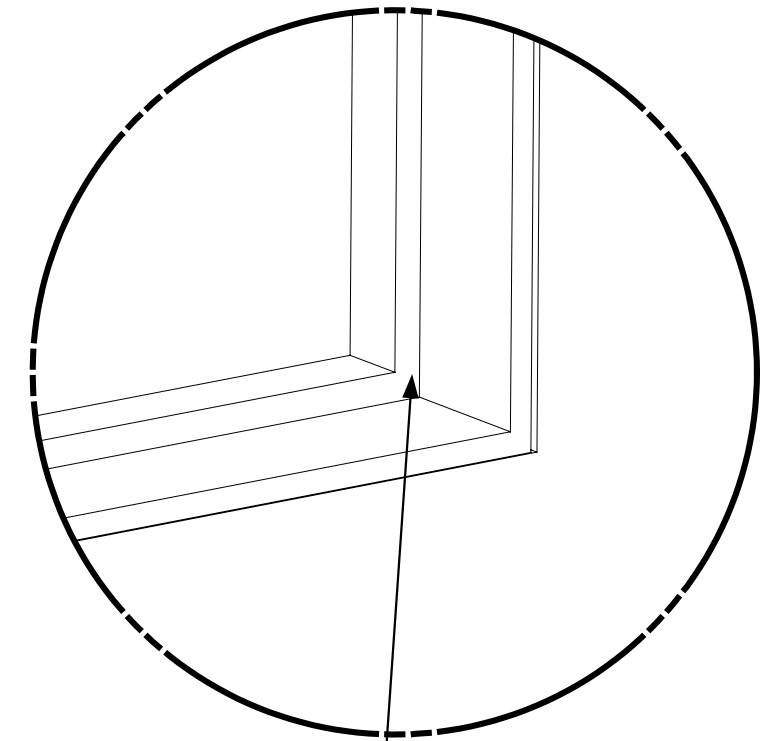
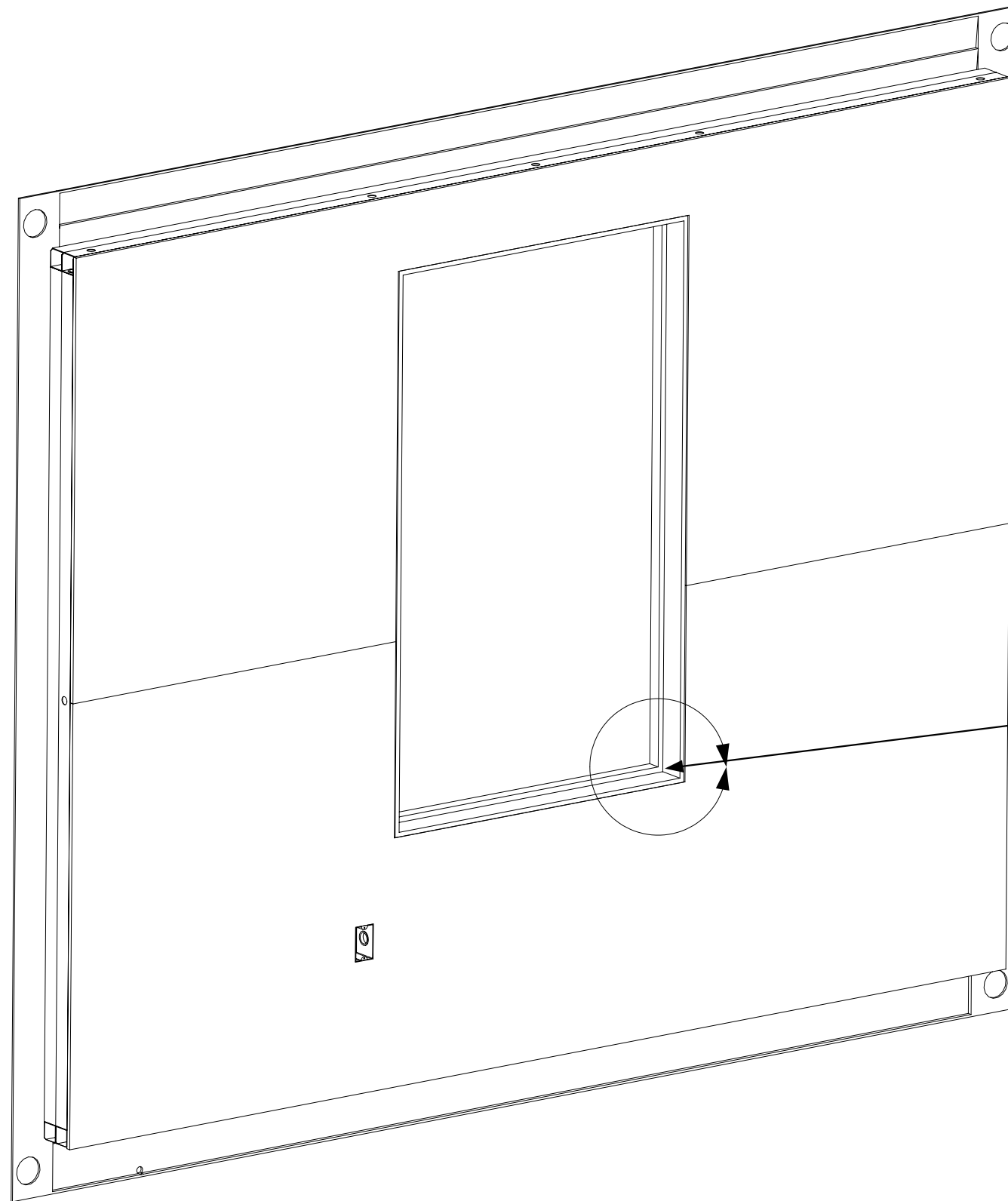


DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Panel & Steel
frame assembly
Drywall installation
complete
Foam injection

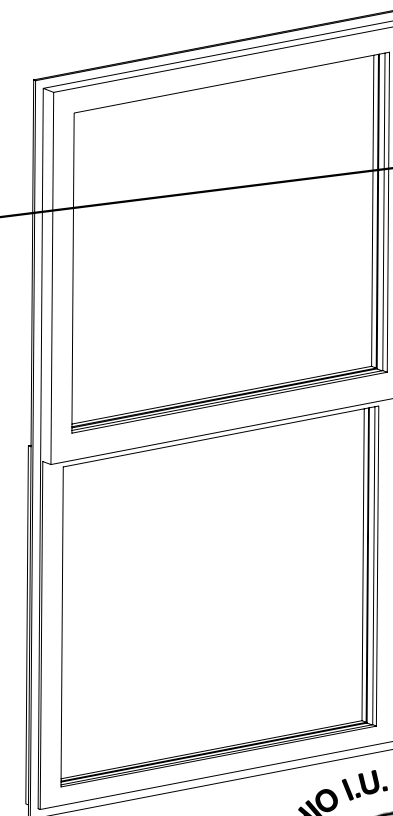
MODEL(S): Hartford

PAGE 24K



Window nail strip bonded to window casement locking edge.

Window structural locking trim seen on Page24N



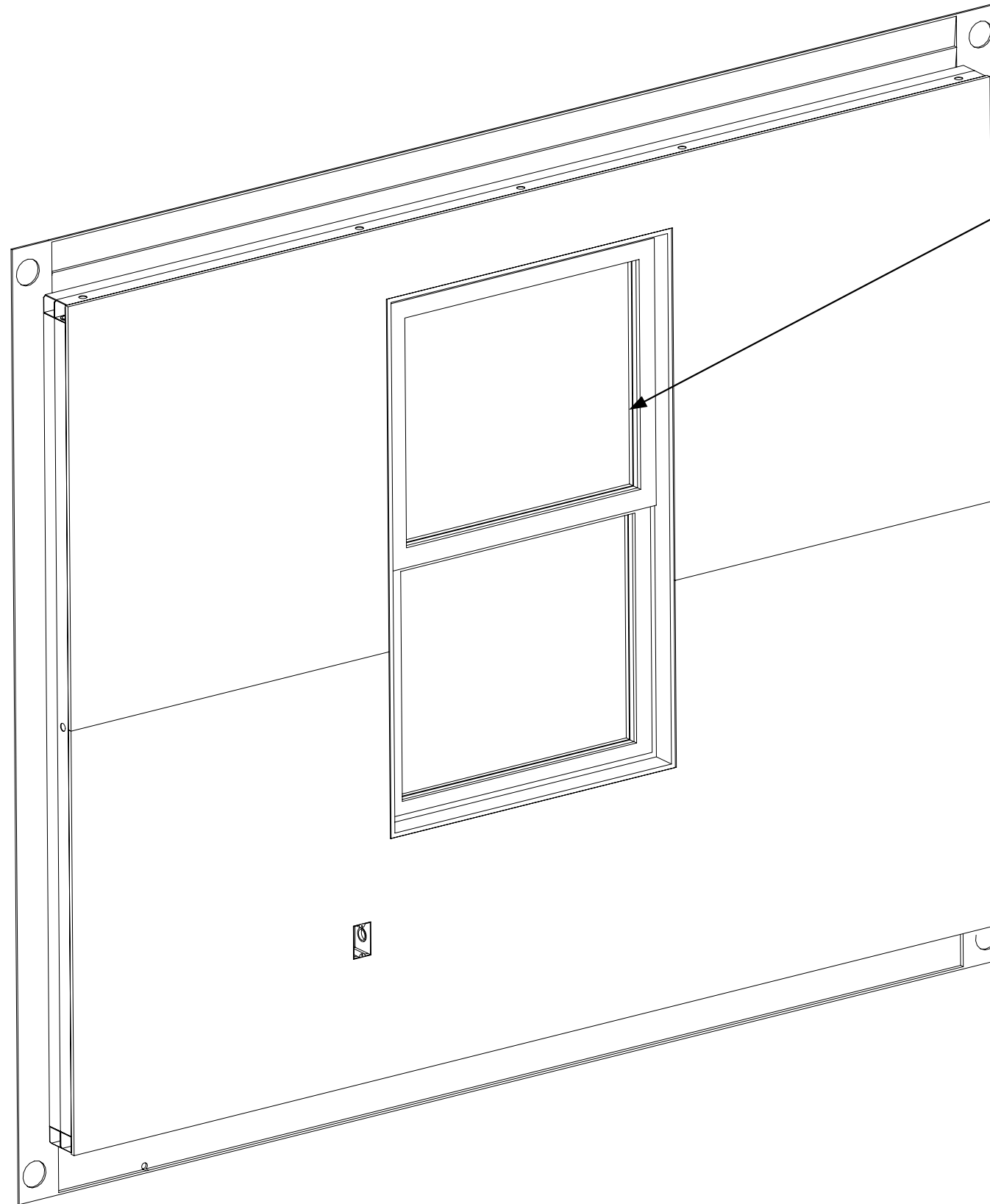
KEY PLAN		
C	Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor
		Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
		B

DRAWING

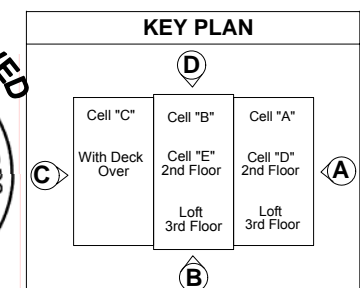
Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel & Steel
frame assembly
Window installation
Detail 1

MODEL(S): Hartford

PAGE 24L



After bonding of window to casement, apply Silaprene adhesive/sealant to outside window edges.

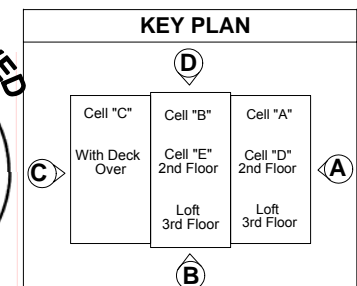
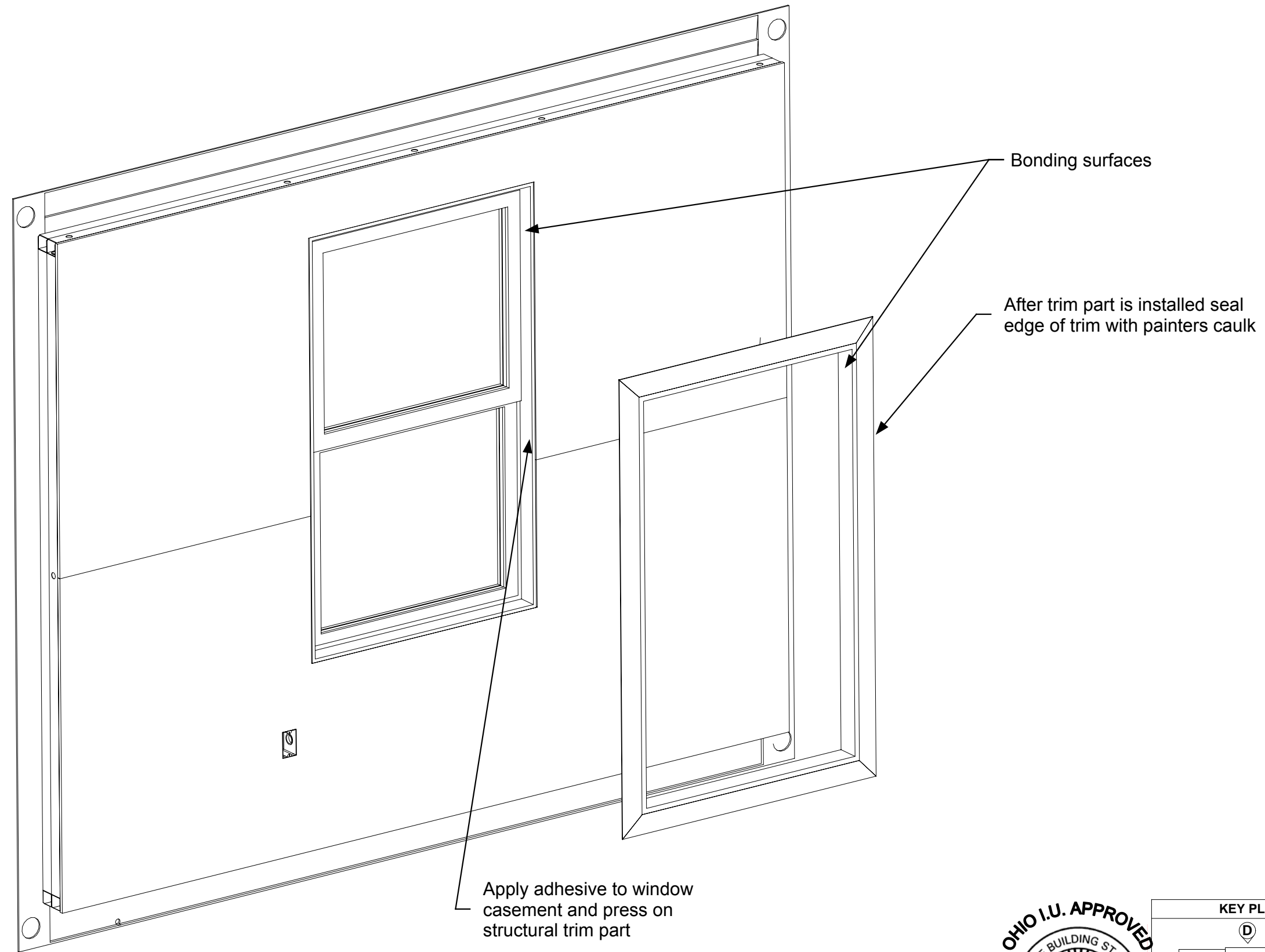


DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D
Panel & Steel
frame assembly
Window
installation-2

MODEL(S): Hartford

PAGE 24M

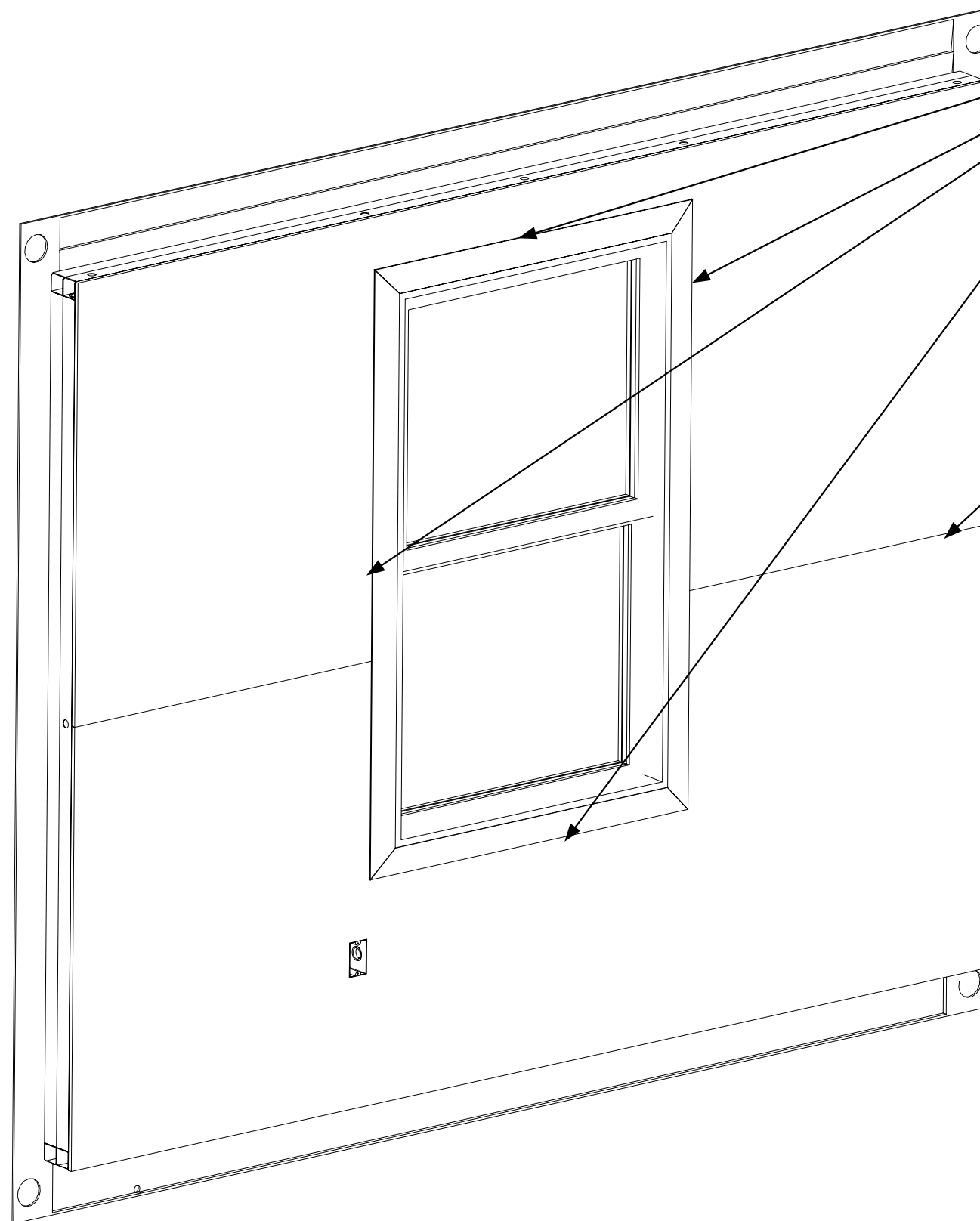


DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D exploded
Panel & Steel
frame assembly
Locking trim
installation

MODEL(S): Hartford

PAGE 24N



Use painters caulk around edge of trim

Finished plaster work and paint

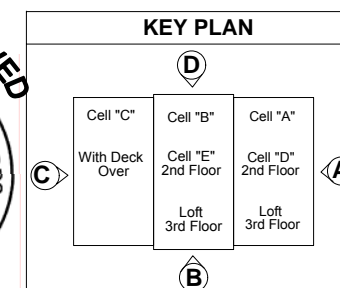


DRAWING

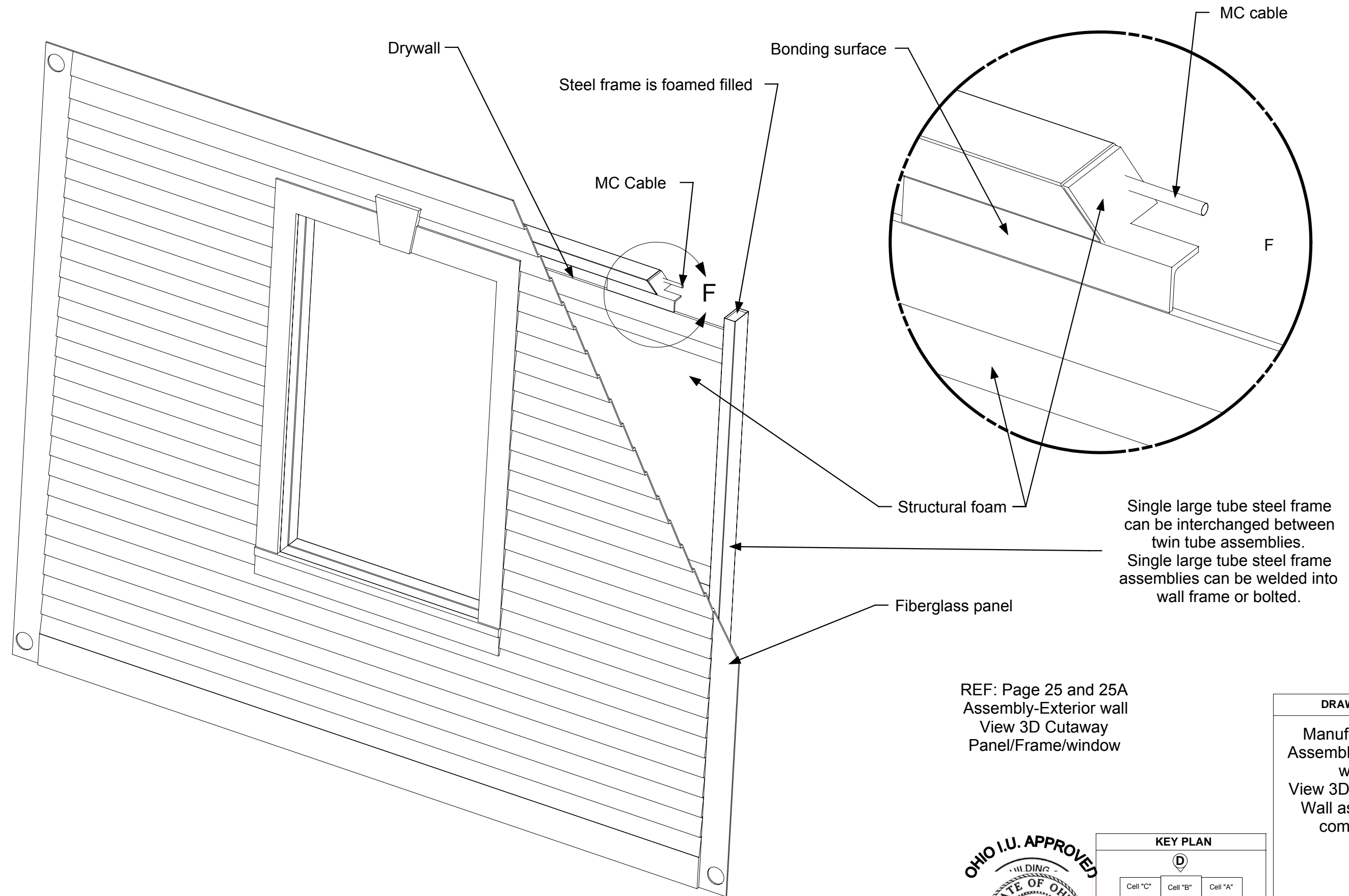
Manufacturing
Assembly-Exterior
wall
View 3D
Panel & Steel
frame assembly
Wall assembly
complete

MODEL(S): Hartford

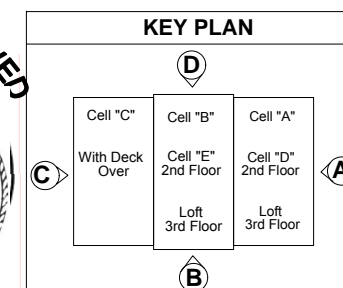
PAGE 240



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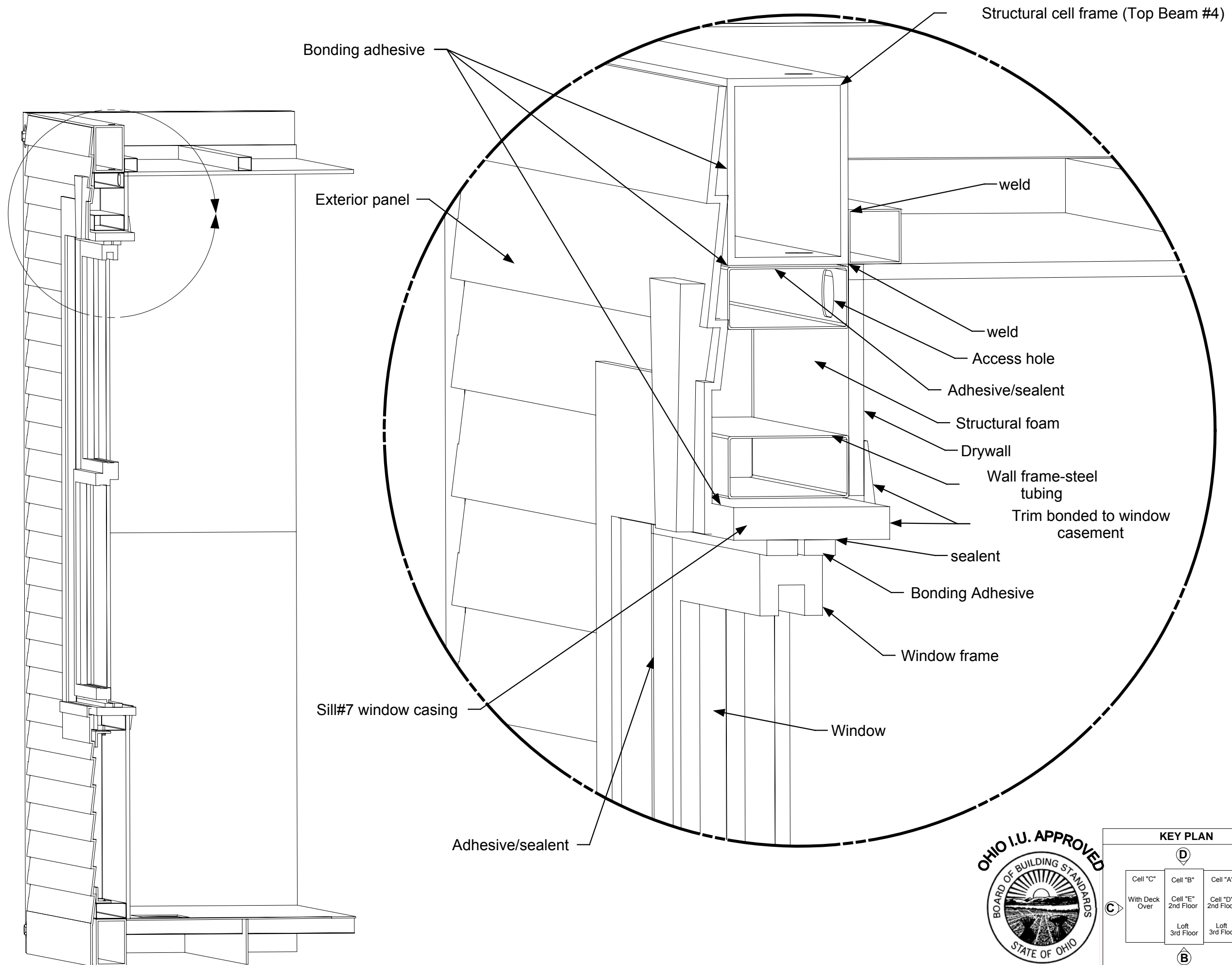


REF: Page 25 and 25A
 Assembly-Exterior wall
 View 3D Cutaway
 Panel/Frame/window



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DRAWING
Manufacturing Assembly-Exterior wall View 3D Cutaway Wall assembly complete
MODEL(S): Hartford
PAGE 24P

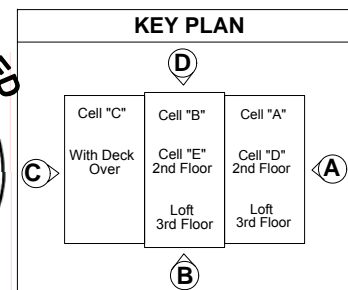


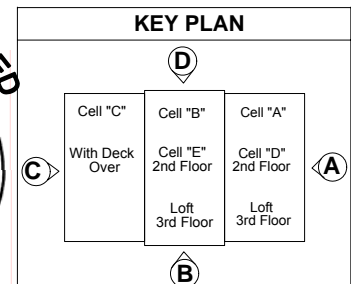
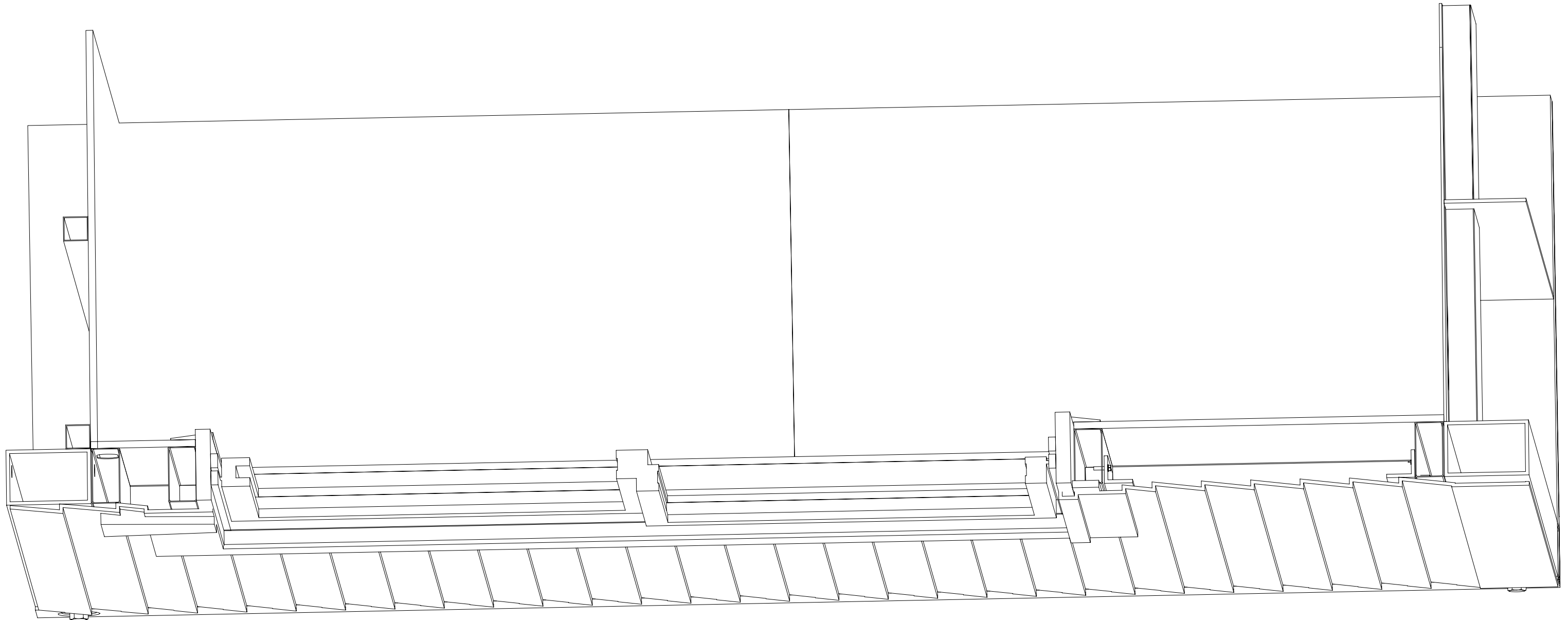
DRAWING

Manufacturing
Assembly-Exterior
wall
View 3D Cutaway
Panel/Frame/
Window
Detail 1

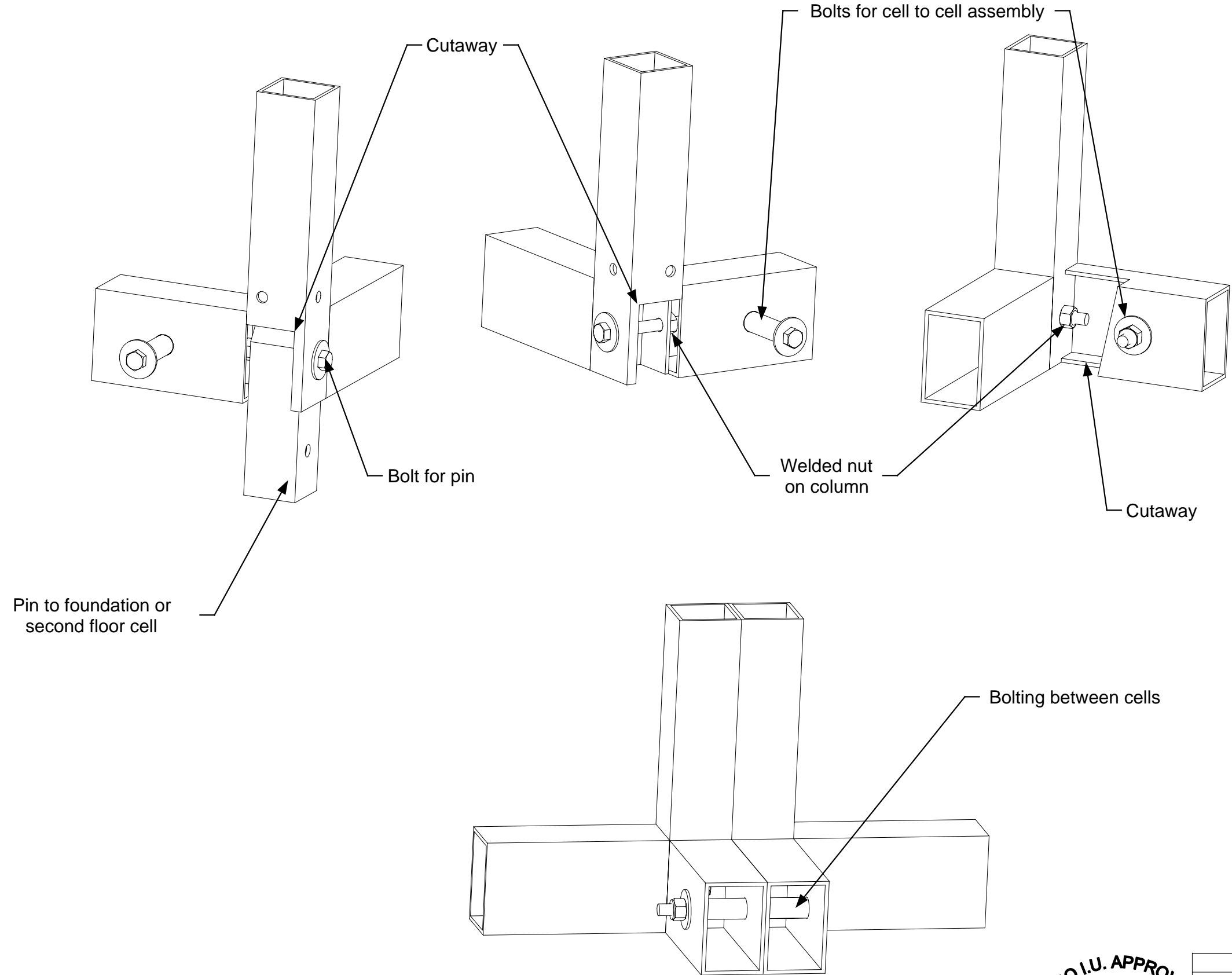
MODEL(S): Hartford

PAGE 25





DRAWING
Manufacturing Assembly-Exterior wall View 3D cutaway Panel/Frame/ Window
MODEL(S): Hartford
PAGE 25A

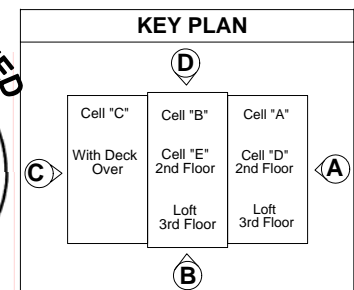


DRAWING

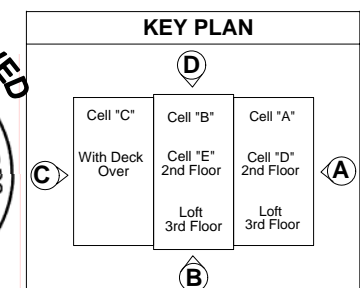
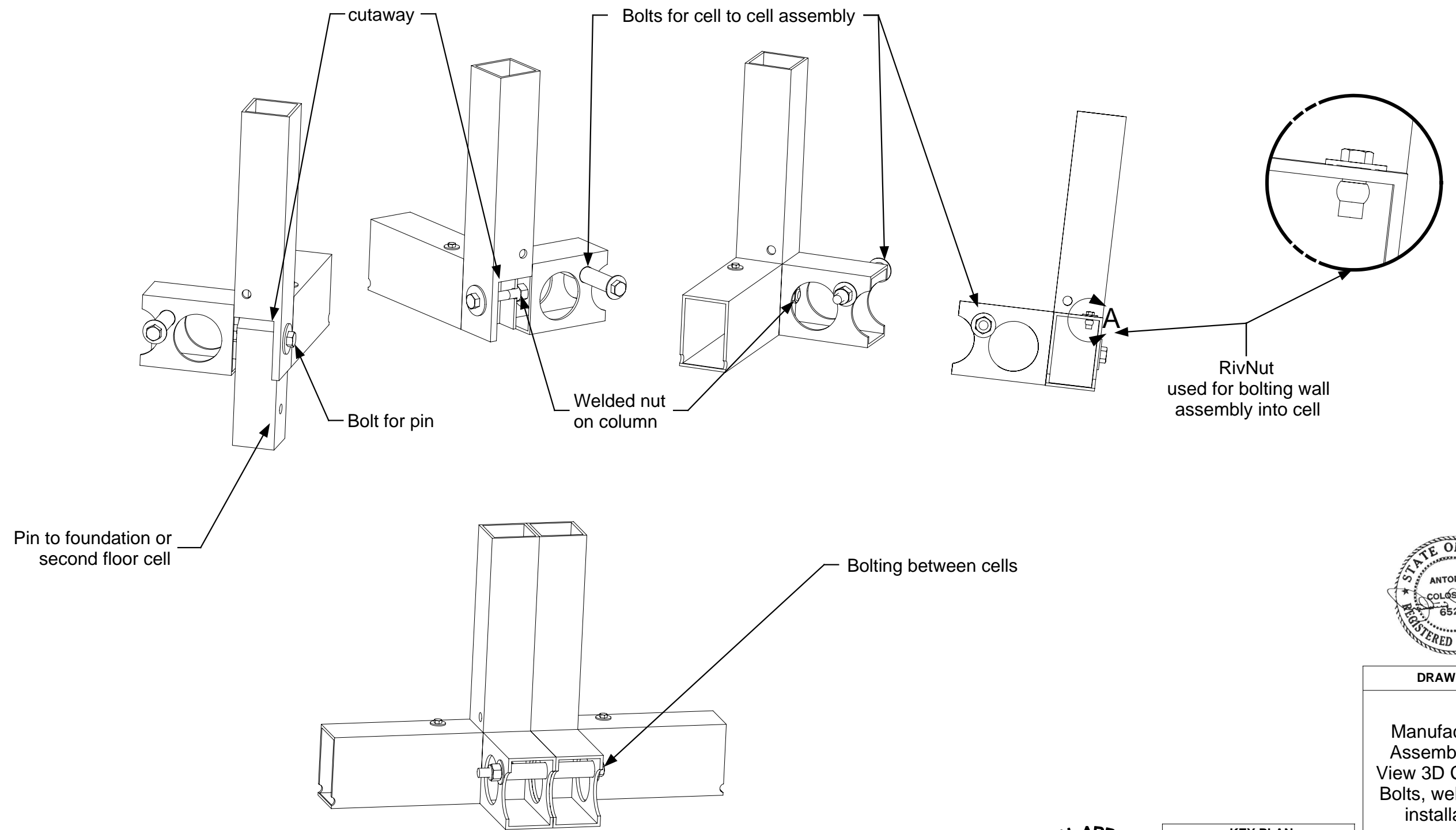
Manufacturing
Assembly-
Structural cell
View 3D Cutaway
Bolts, welded nut
installation

MODEL(S): Hartford

PAGE 26



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PDG Domus 060323-1



April 11, 2006
PDG Domus 060323-1

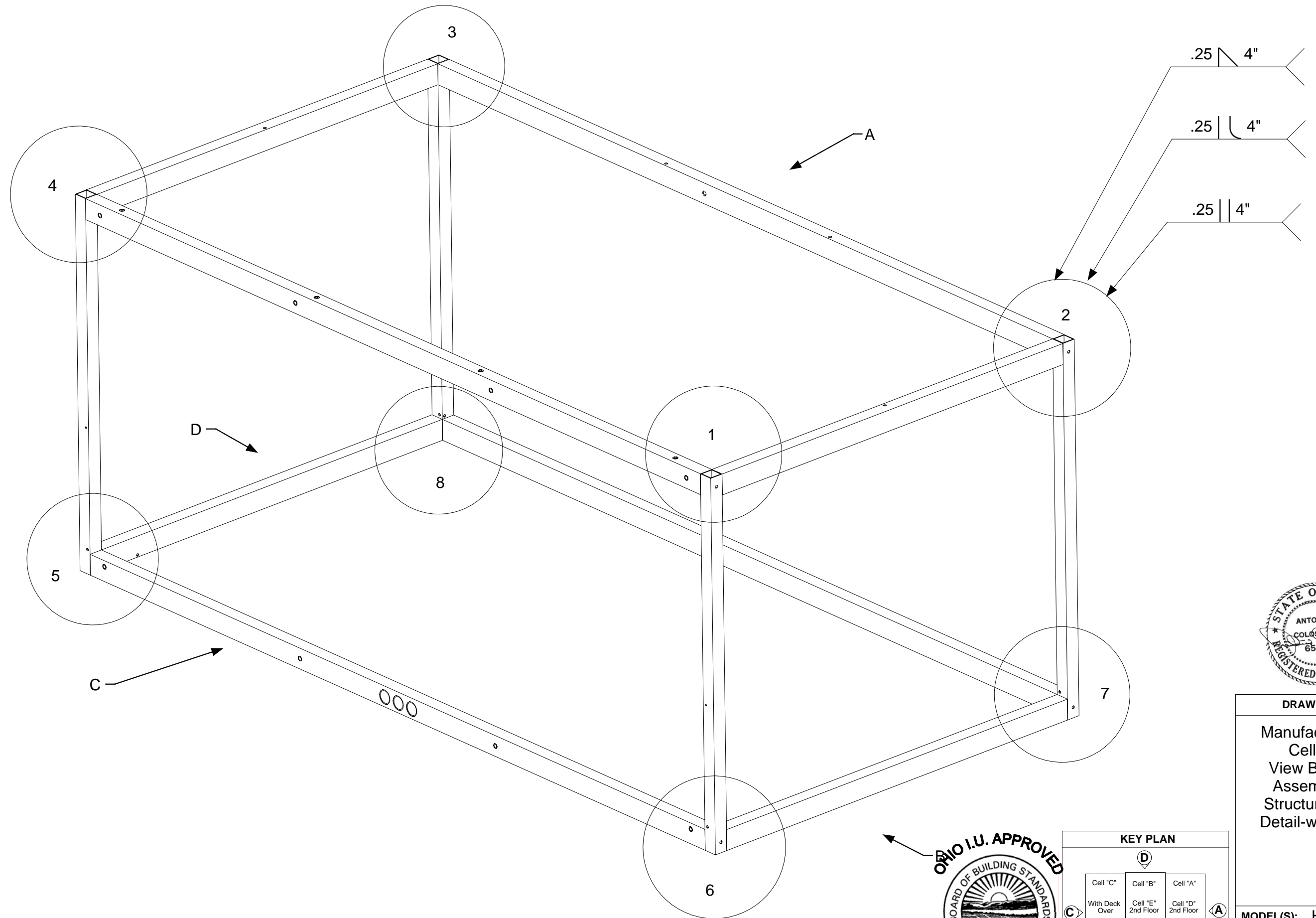
DRAWING

Manufacturing
Assembly-Cell
View 3D Cutaway
Bolts, welded nut
installation

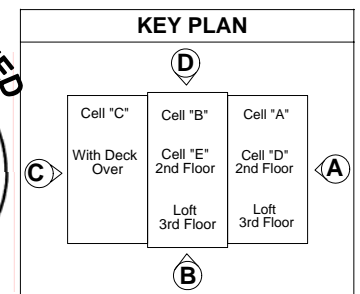
Detail 1

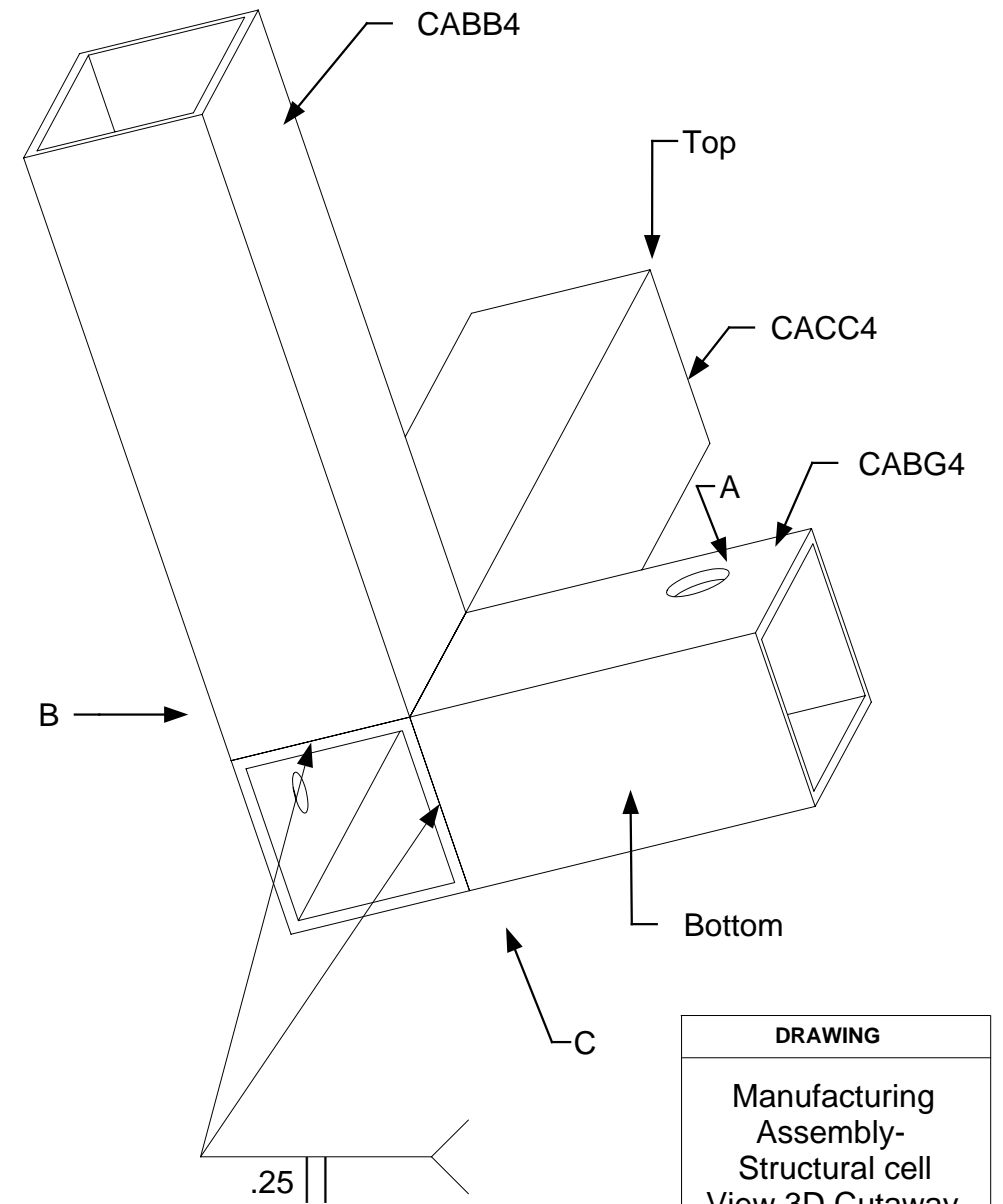
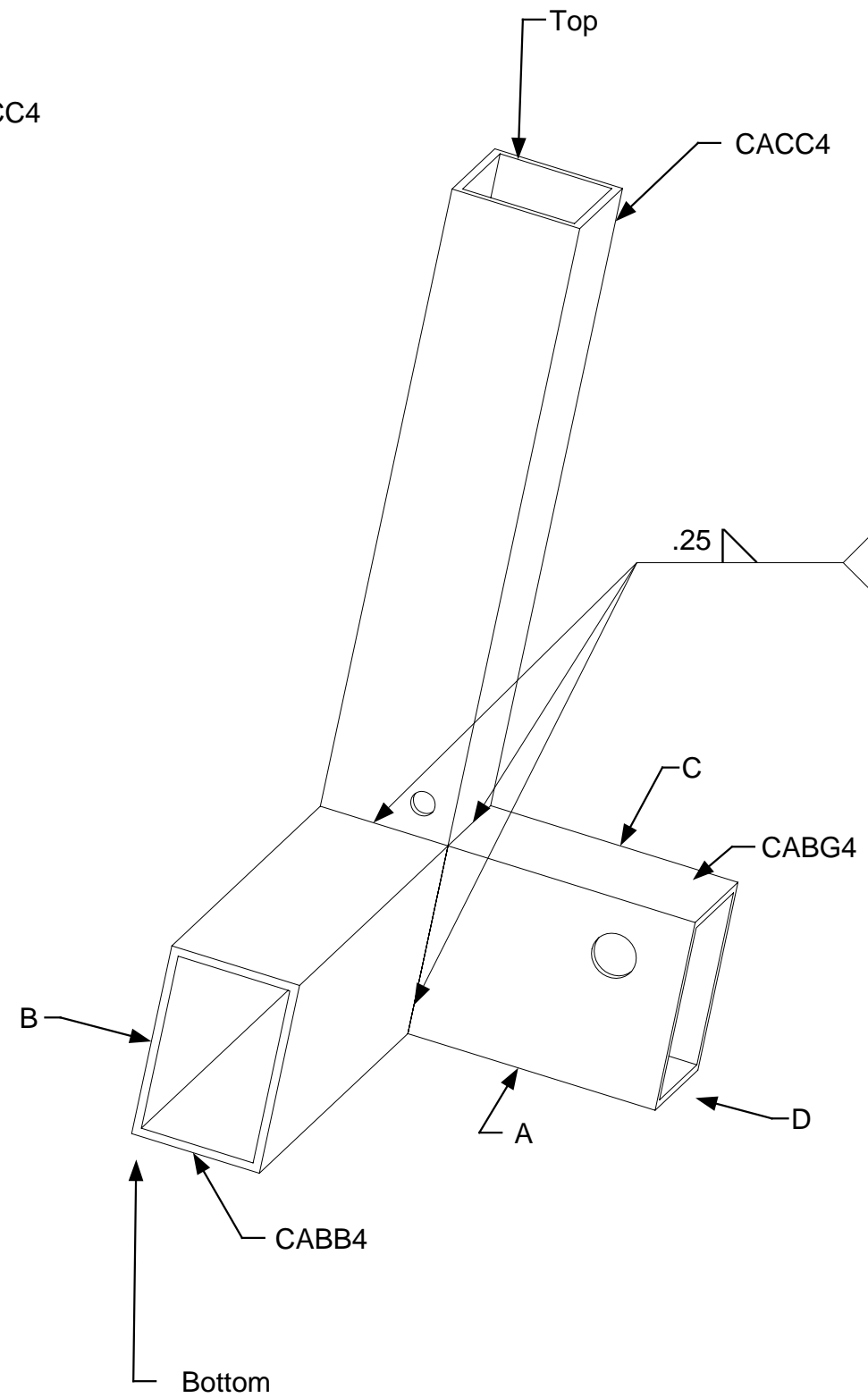
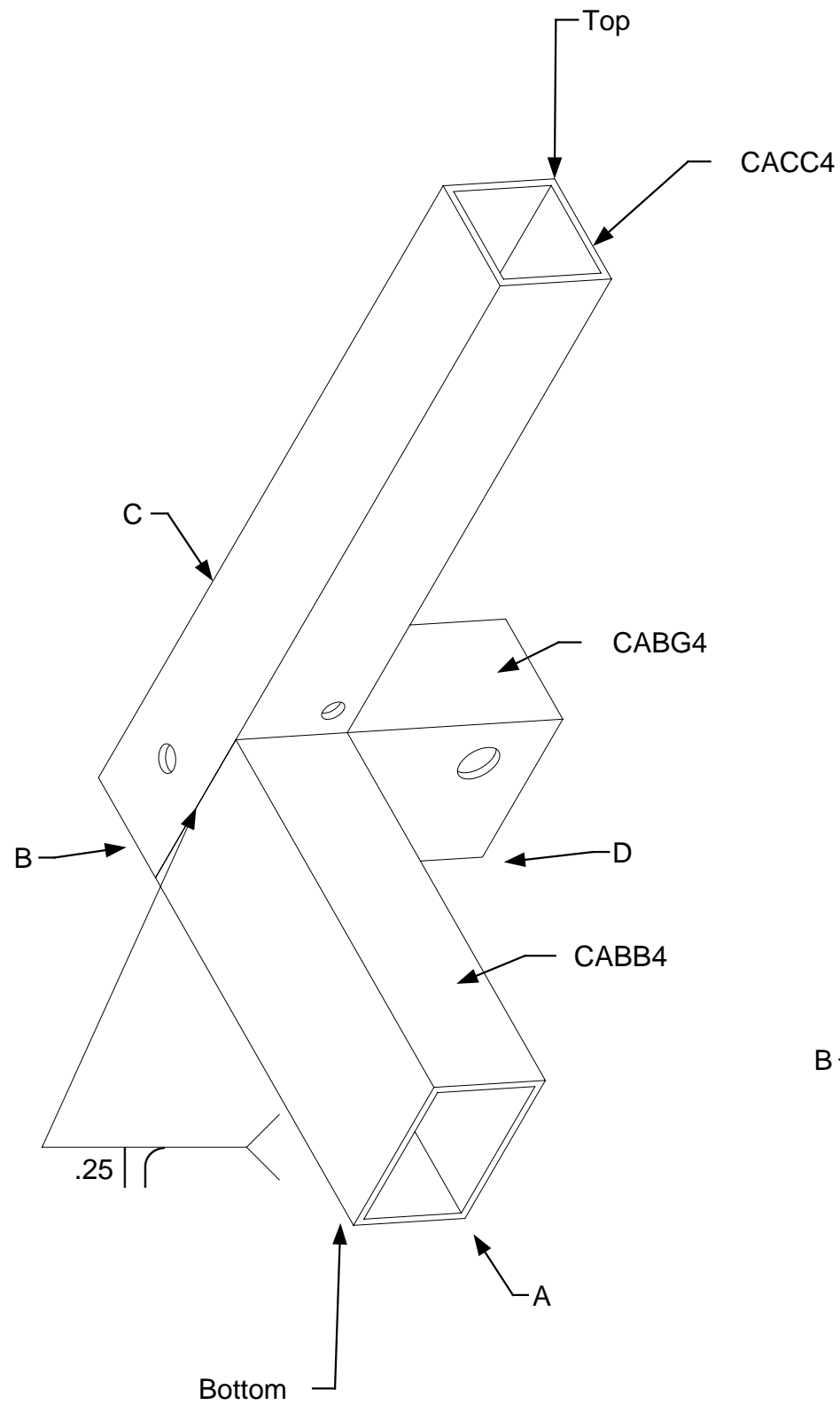
MODEL(S): Hartford

PAGE 26A



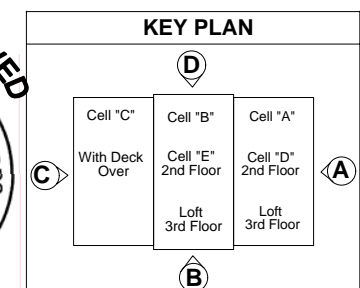
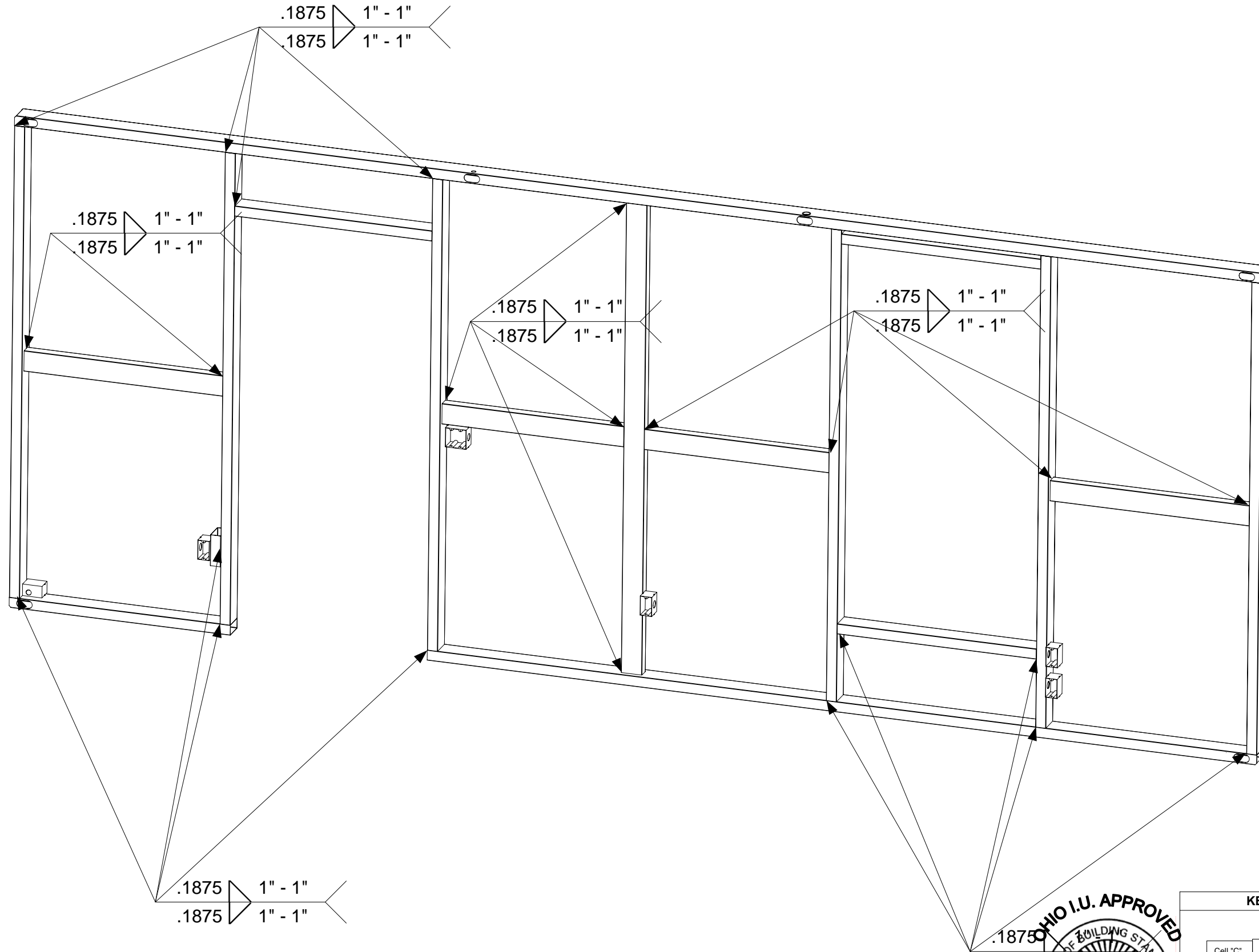
DRAWING	
Manufacturing Cell A View B & C Assembly- Structural cell Detail-welding	
MODEL(S): Hartford	
PAGE 27	





KEY PLAN		
Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor

DRAWING
Manufacturing Assembly- Structural cell View 3D Cutaway CACC4 CABB4 CABG4 Detail-welding
MODEL(S): Hartford
PAGE 28



DRAWING

Manufacturing
Cell A
View A
Assembly-Cell
Exterior wall sub-
assembly
CAEWA
Detail-welding

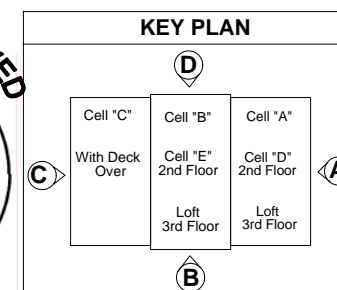
MODEL(S): Hartford

PAGE 29

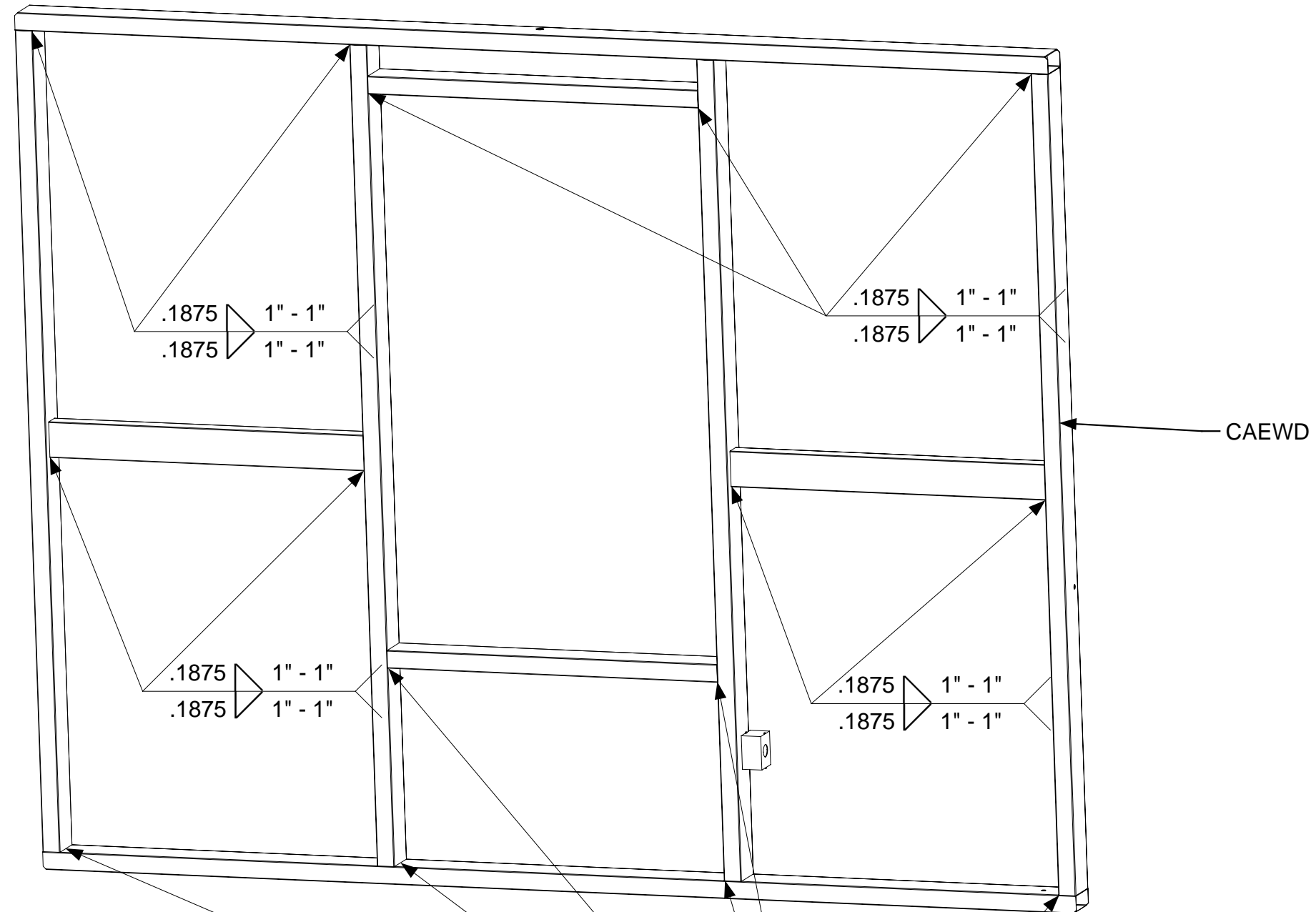


Manufacturing
Cell A
View B
Assembly-Cell
Exterior wall sub-
assembly
CAEWB
Detail-welding

PAGE 30



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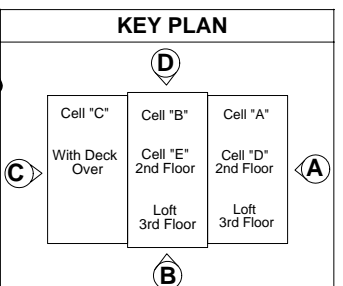


DRAWING

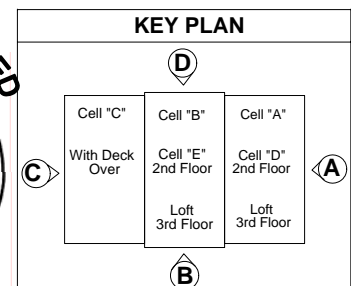
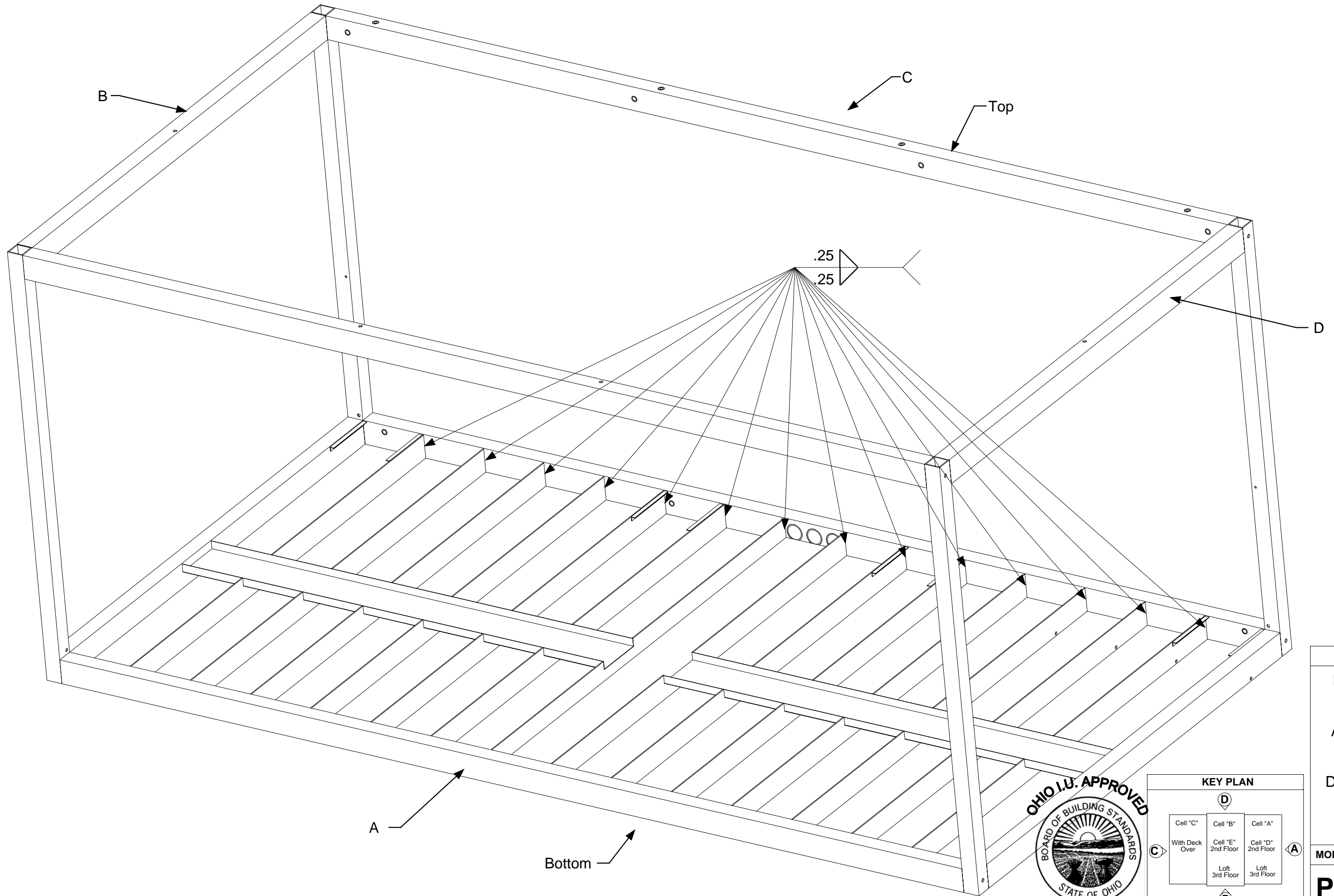
Manufacturing
Cell A
View D
Assembly-Cell
Exterior wall sub-
assembly
CAEWD
Detail-welding

MODEL(S): Hartford

PAGE 31



.1875 1" - 1"
.1875 1" - 1"

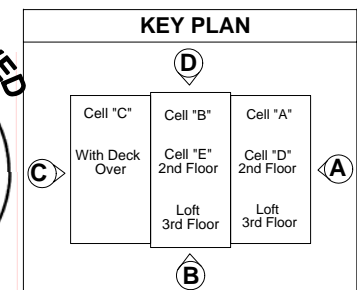
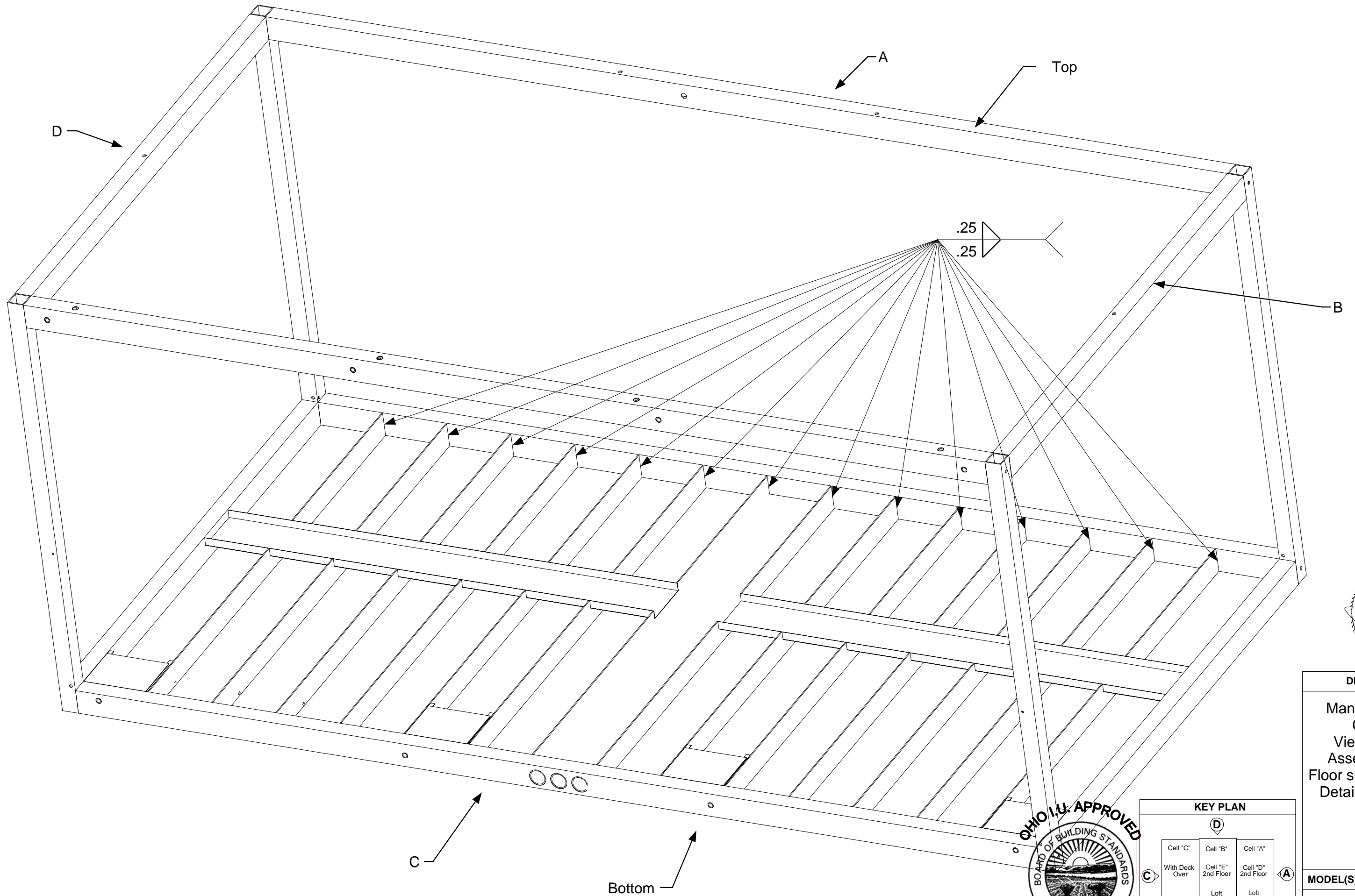


DRAWING

Manufacturing
Cell A
View A & D
Assembly-Cell
Floor sub-
assembly
Detail 1-welding

MODEL(S): Hartford

PAGE 32

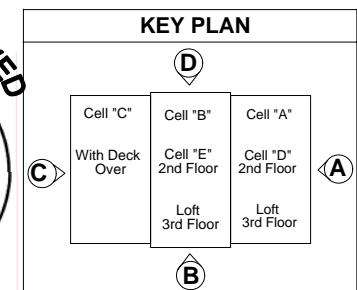
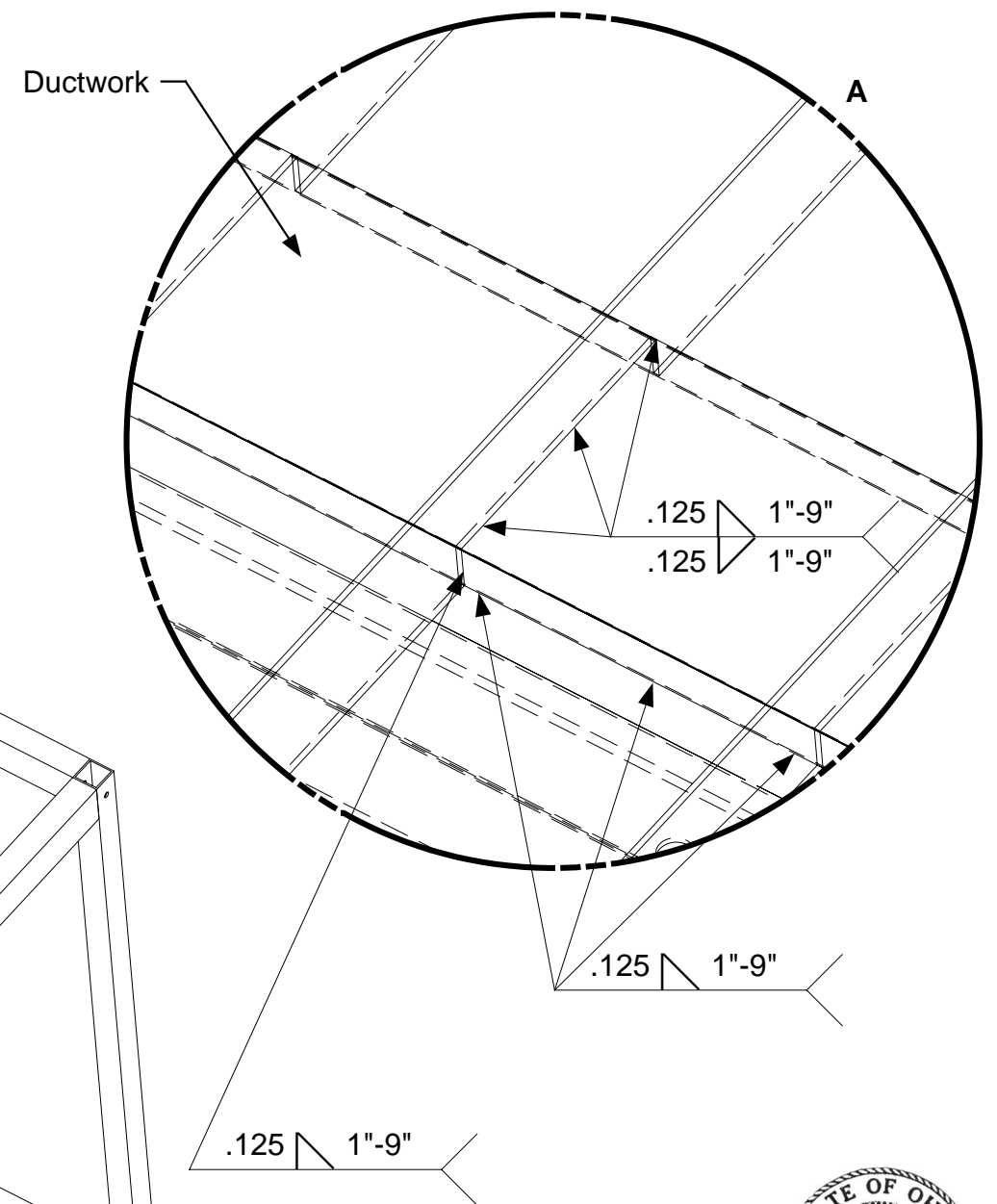
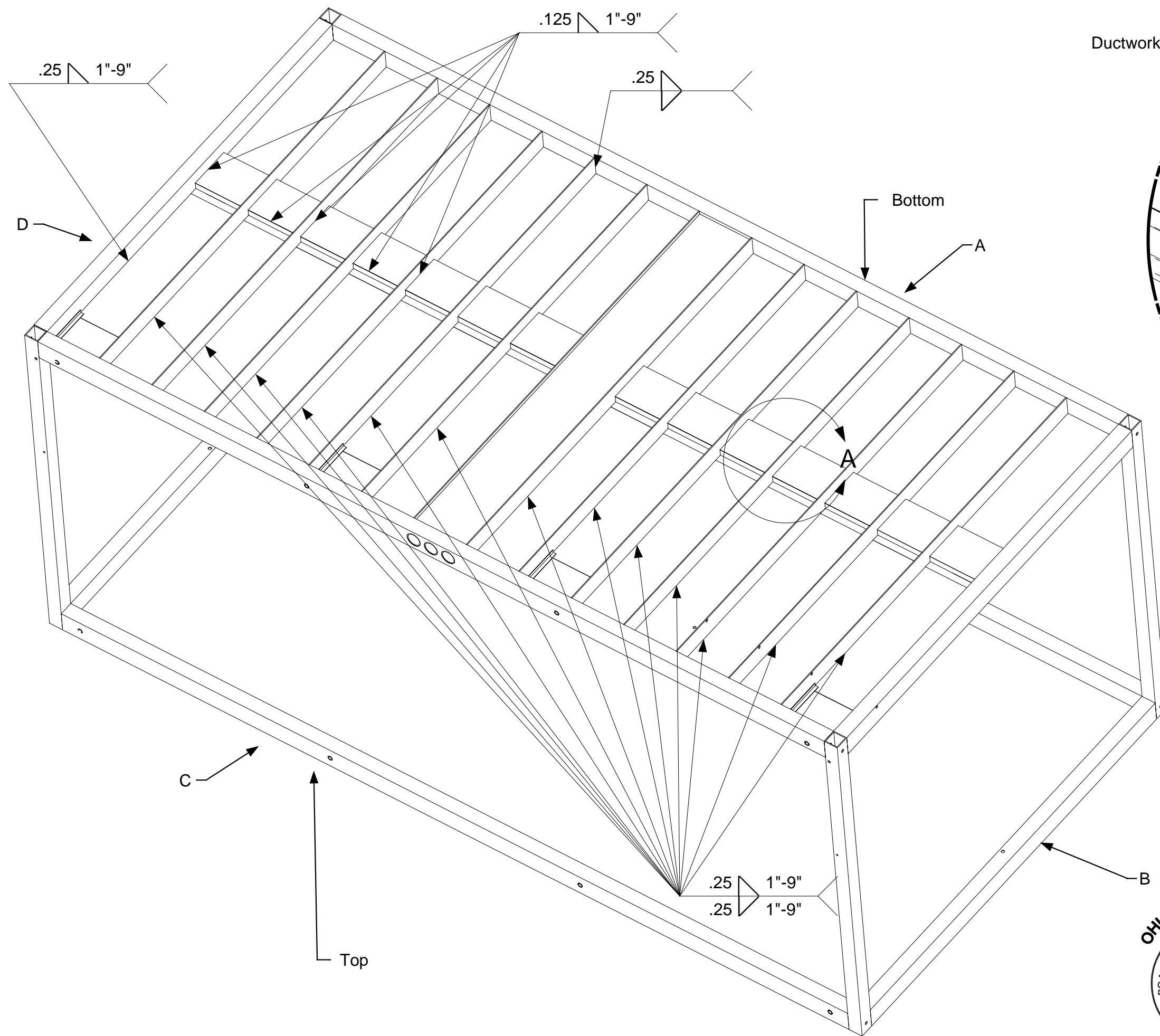


DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-assembly
Detail 2-welding

MODEL(S): Hartford

PAGE 33

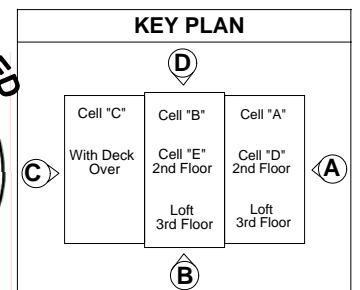
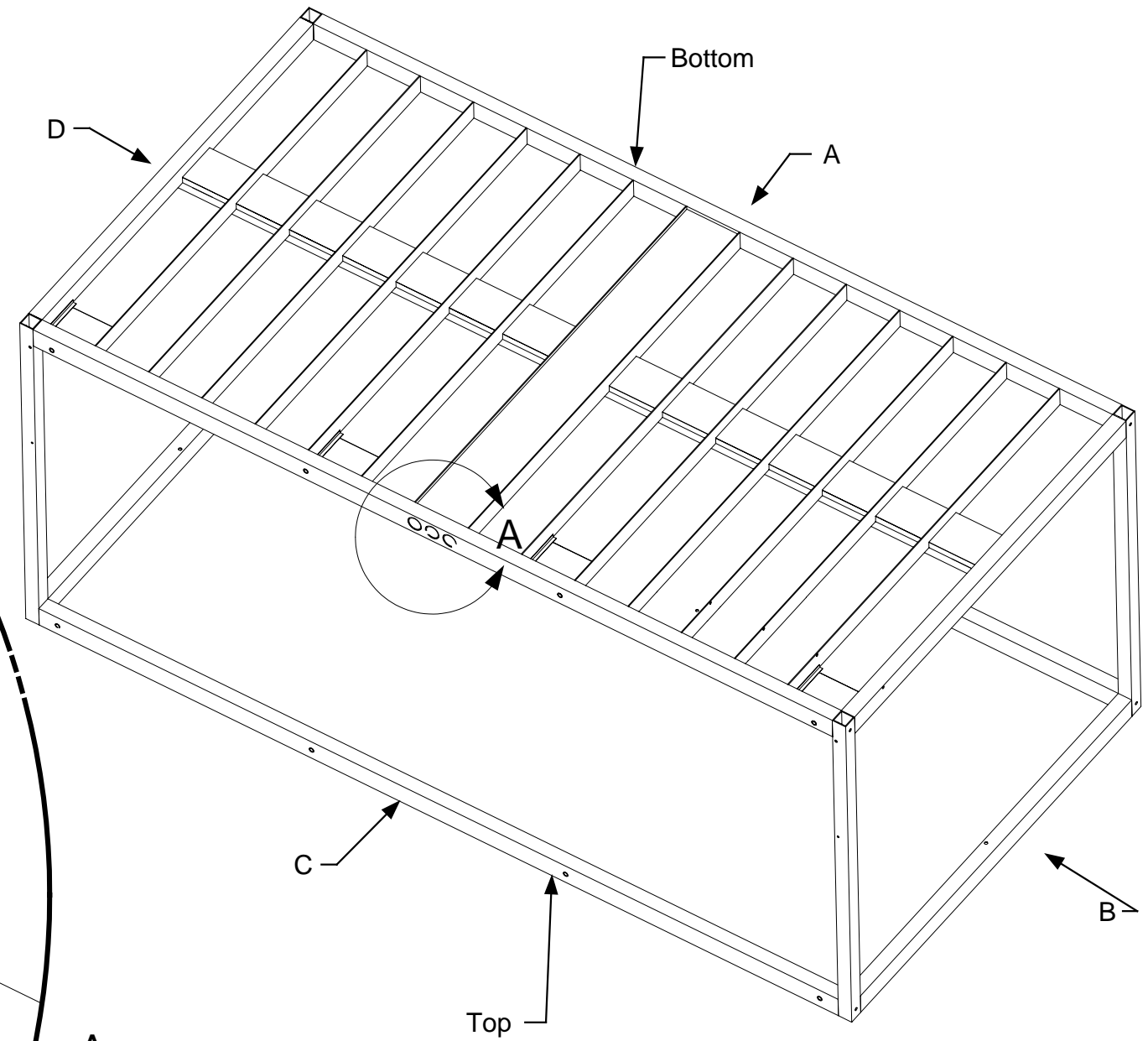
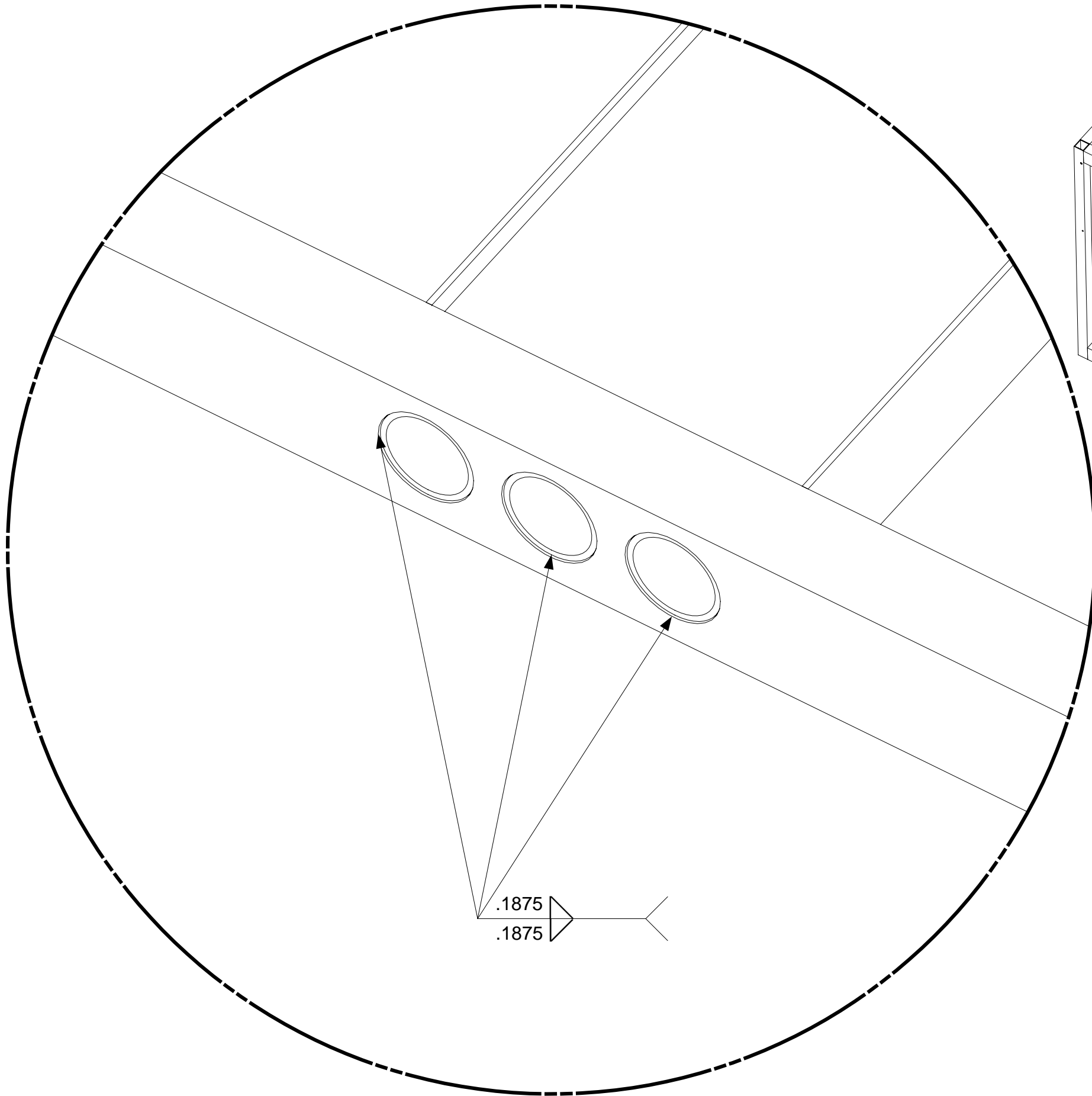


DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-
assembly
Detail 3-welding

MODEL(S): Hartford

PAGE 34

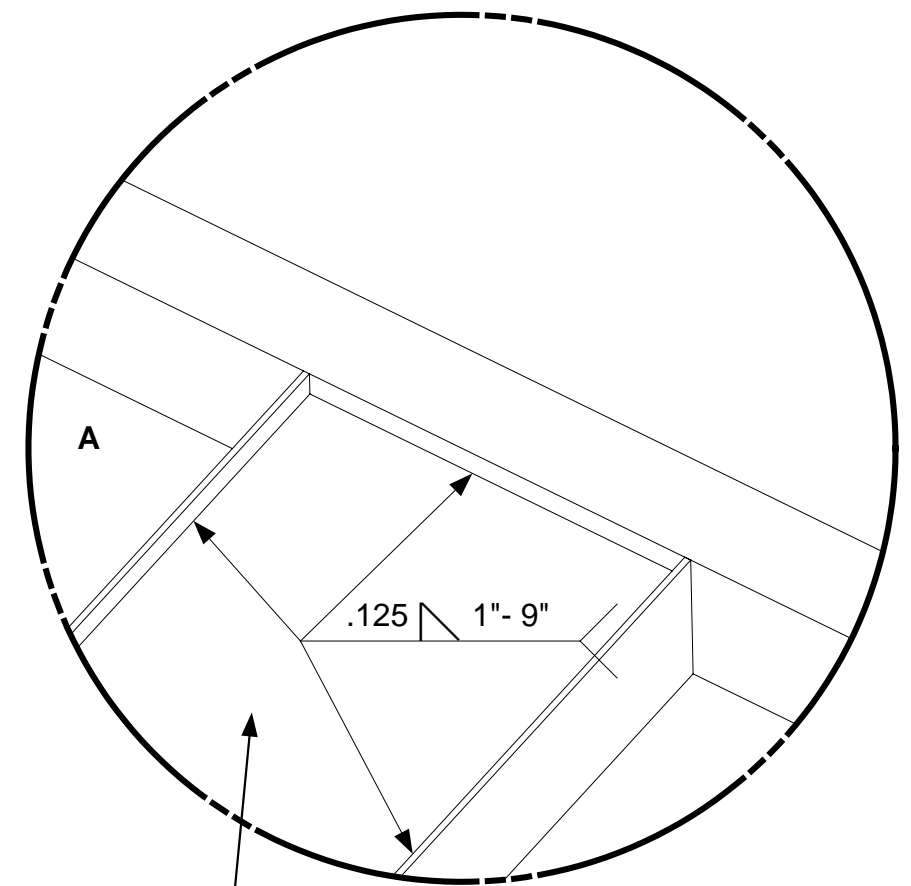
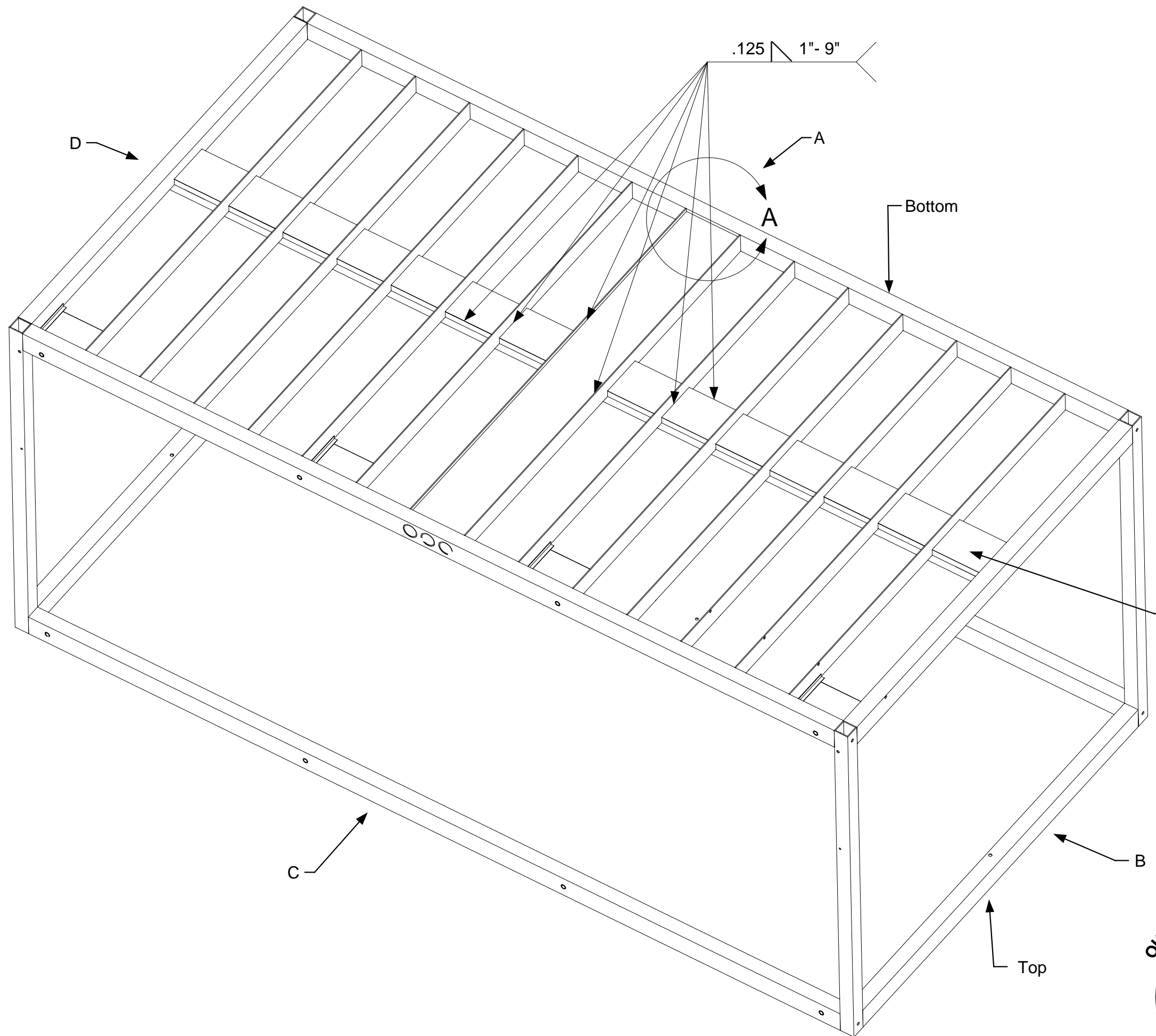


DRAWING

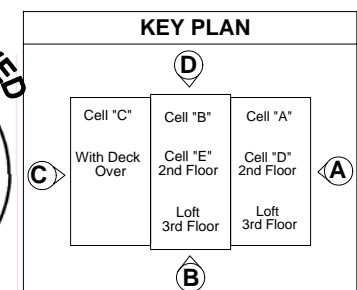
Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-
assembly
Detail 4-welding

MODEL(S): Hartford

PAGE 35



Ductwork

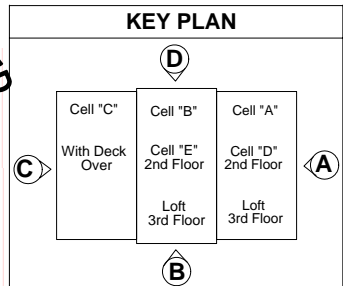
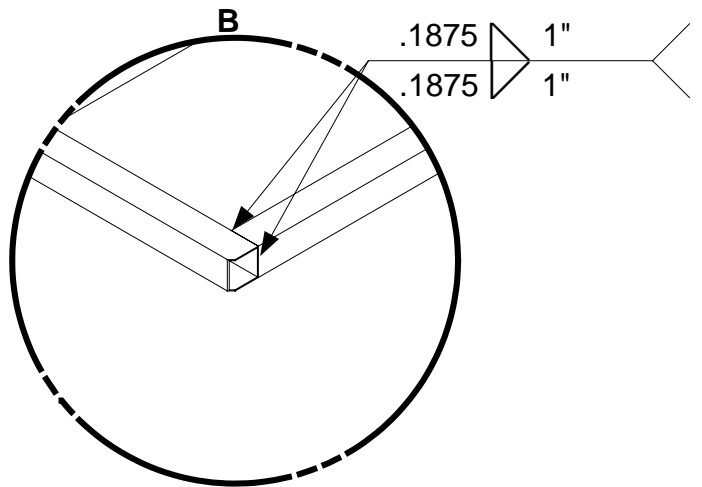
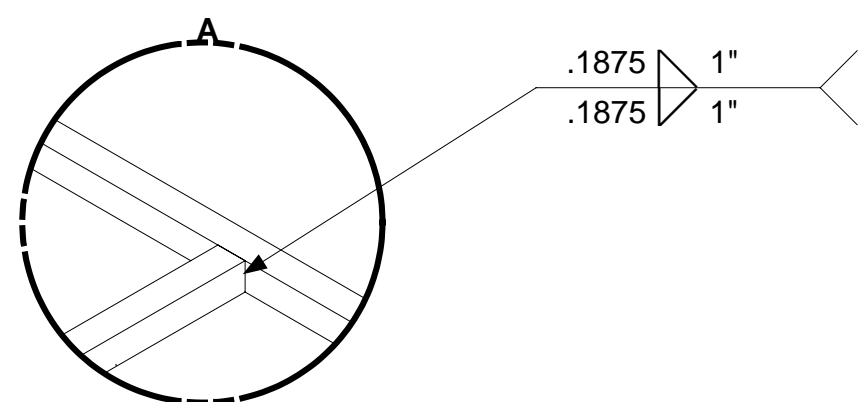
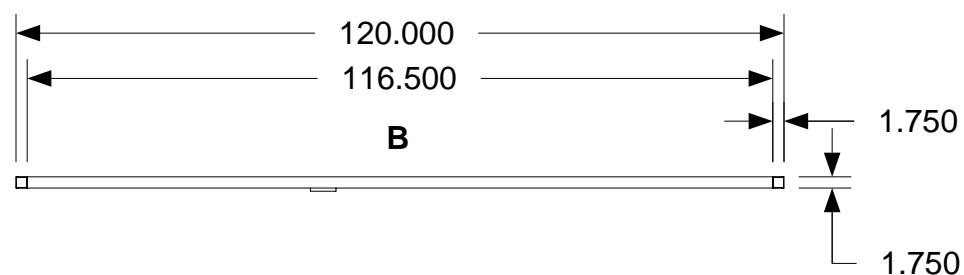
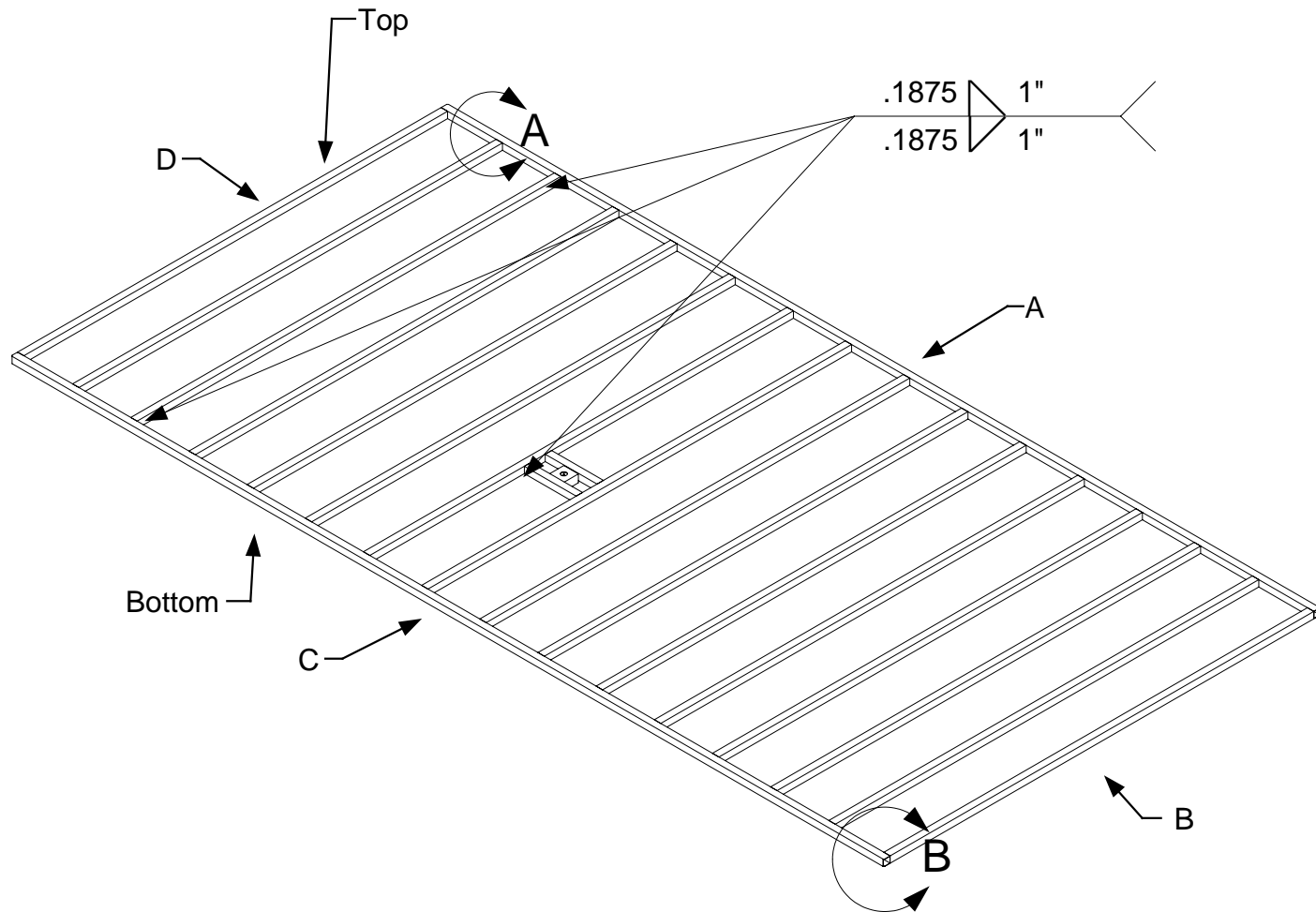
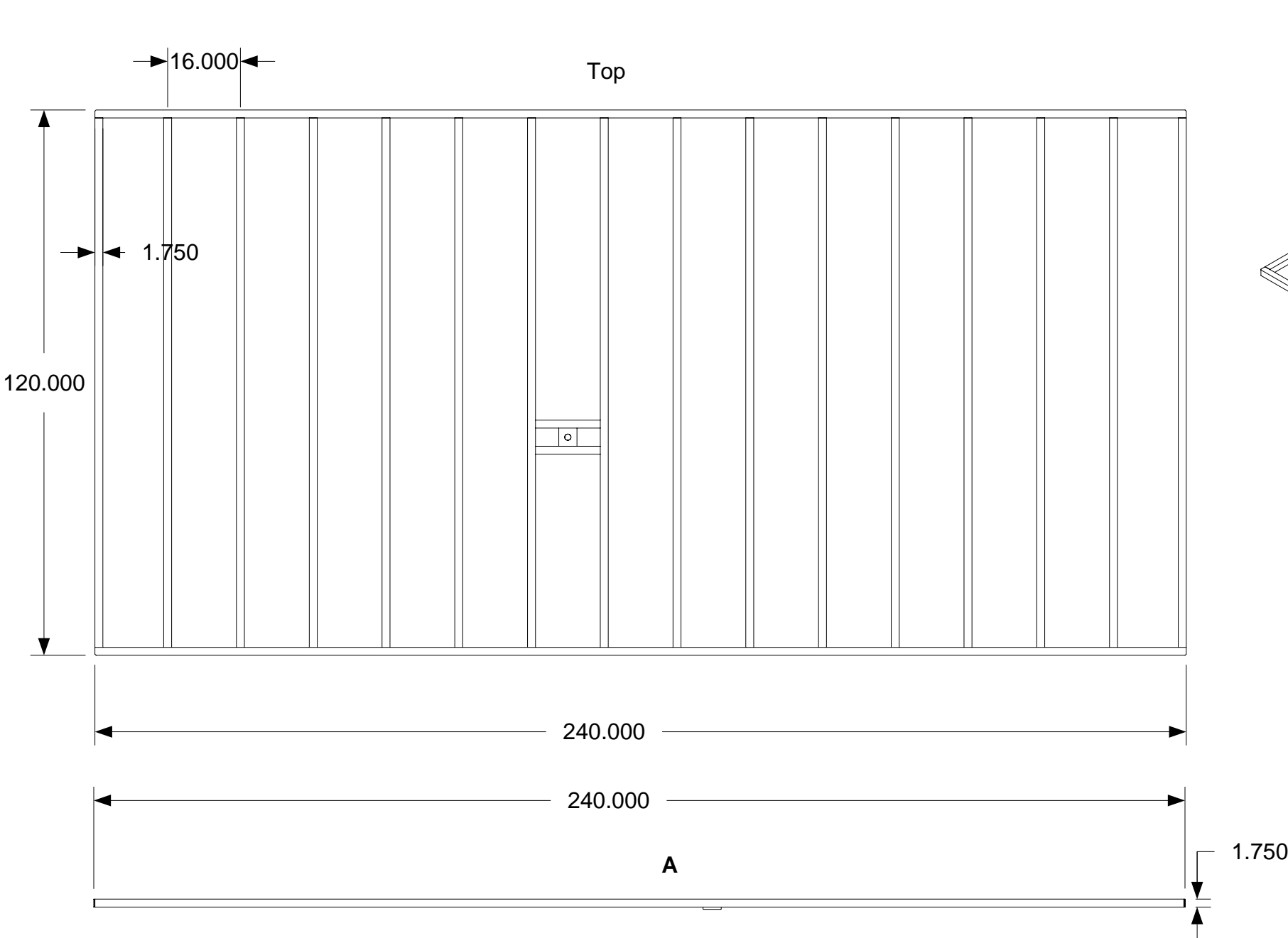


DRAWING

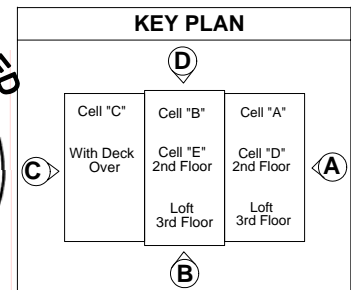
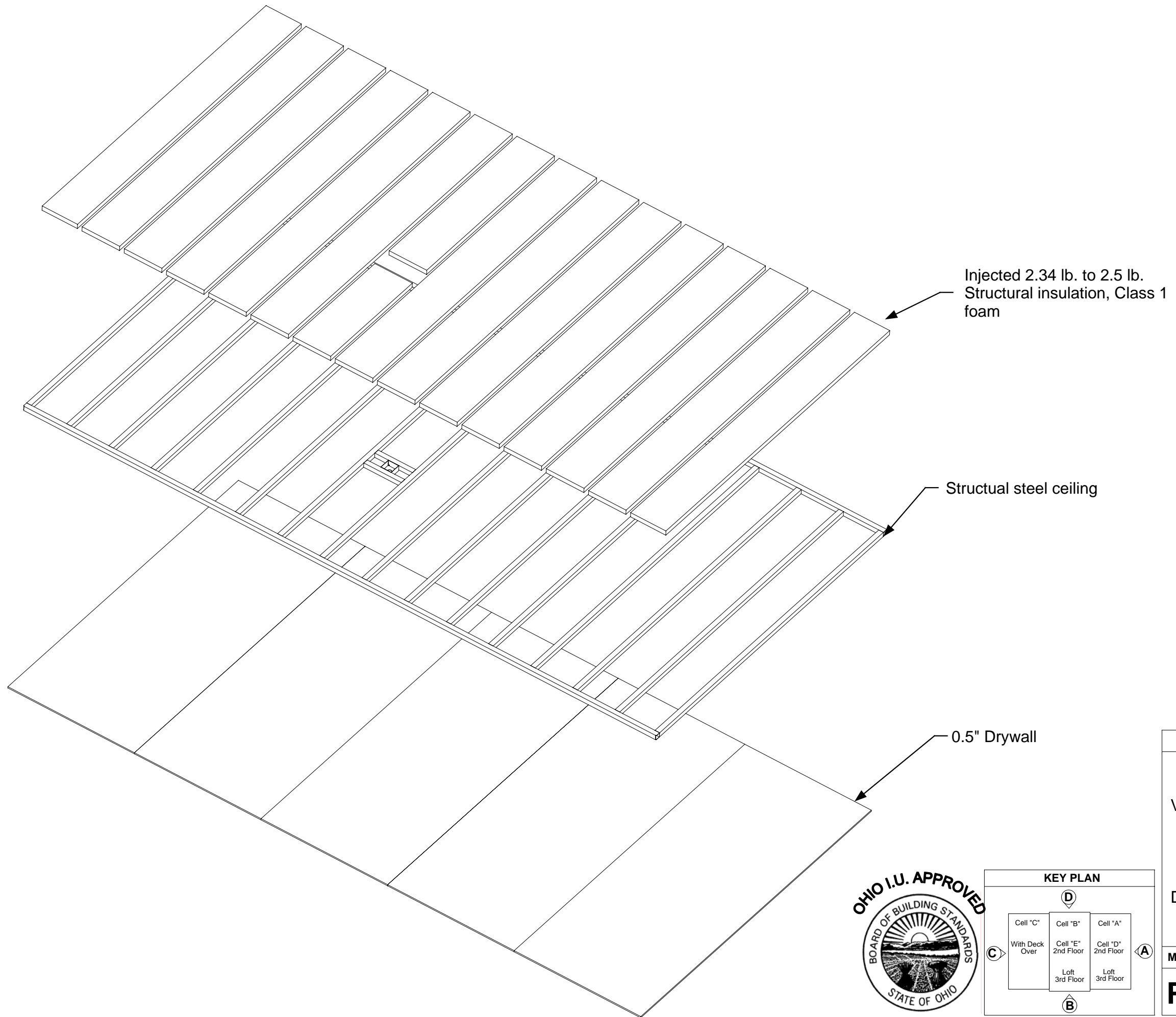
Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-
assembly
Detail 5-welding

MODEL(S): Hartford

PAGE 36

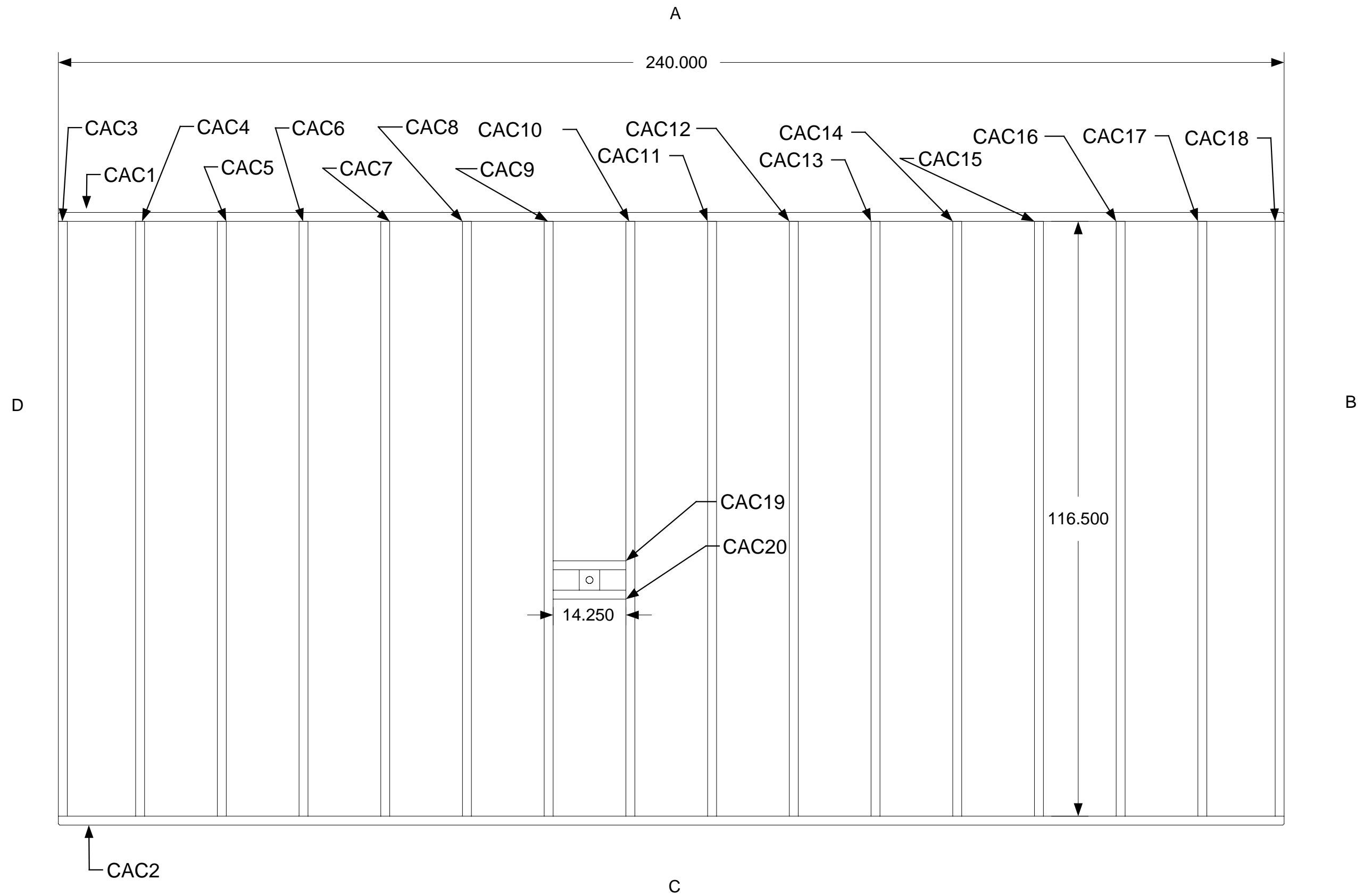


DRAWING
Manufacturing Cell A View A, B, C, D Assembly-Ceiling CAC Detail 6-welding
MODEL(S): Hartford
PAGE 37



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DRAWING
Manufacturing Cell A View 3D exploded Assembly-Cell Ceiling sub- assembly Insulation & Drywall installation
MODEL(S): Hartford
PAGE 37A

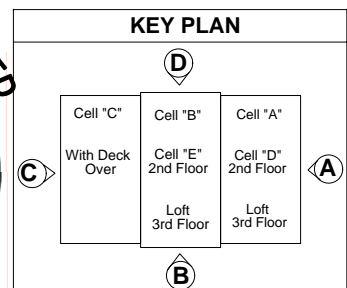


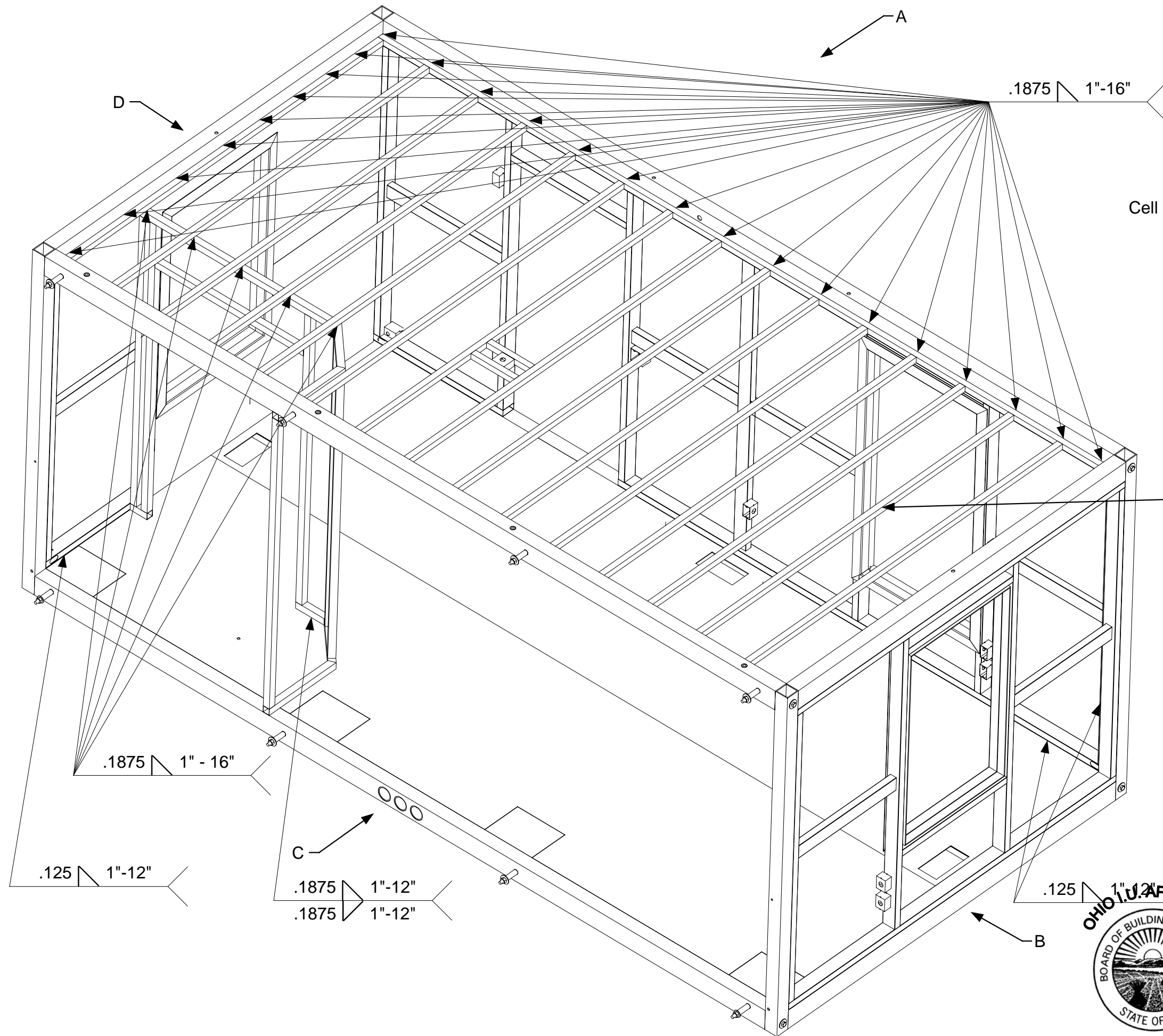
DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Ceiling sub-
assembly
Part identification
CAC1-2
CAC3-18
CAC19-20

MODEL(S): Hartford

PAGE 37B





Cell A and B use identical ceiling attachment methods

All interior wall sections are welded to

.1875 1"-12"
.1875 1"-12"

Specification

Ceiling sub-assembly

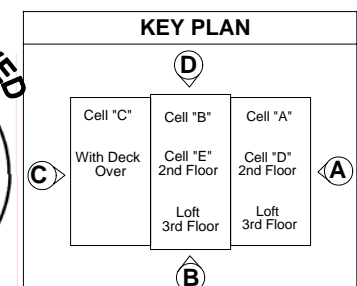


DRAWING

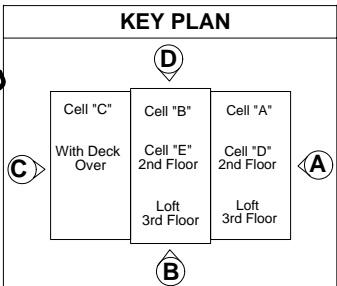
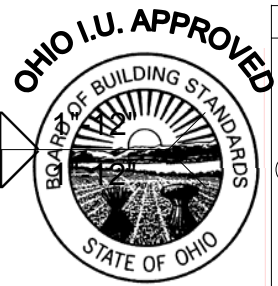
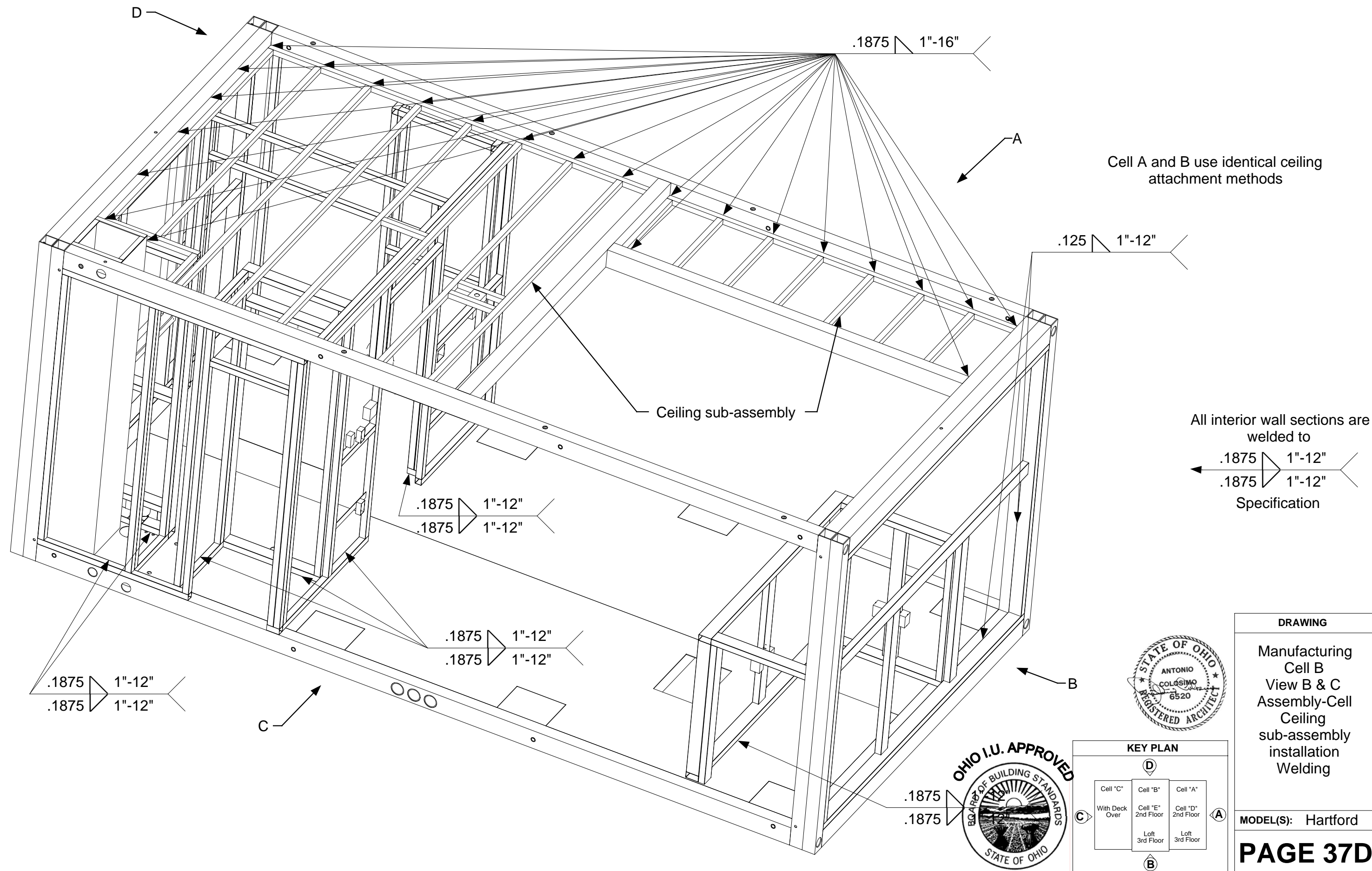
Manufacturing
Cell A
View B & C
Assembly-Cell
Ceiling
sub-assembly
installation
Welding

MODEL(S): Hartford

PAGE 37C



April 11, 2006
PDG Domus 060323-1

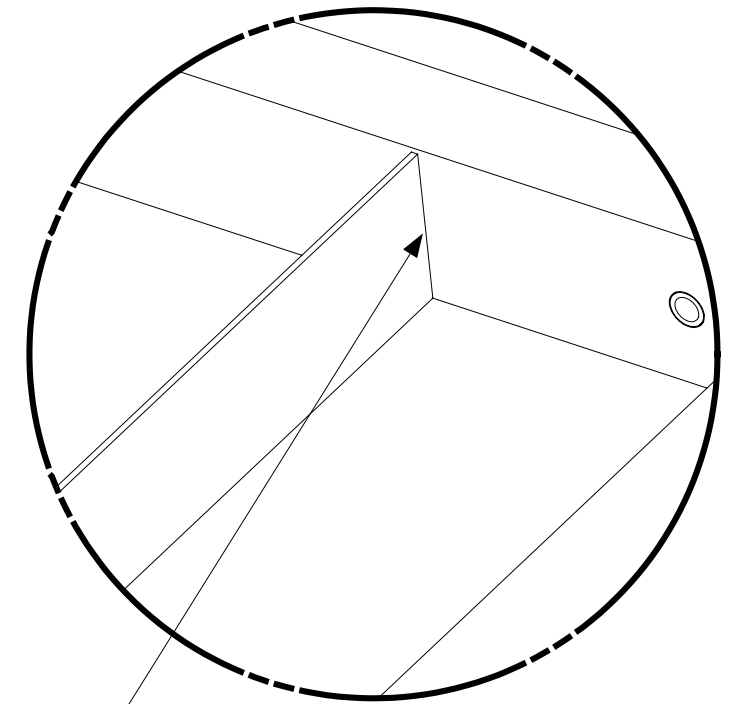
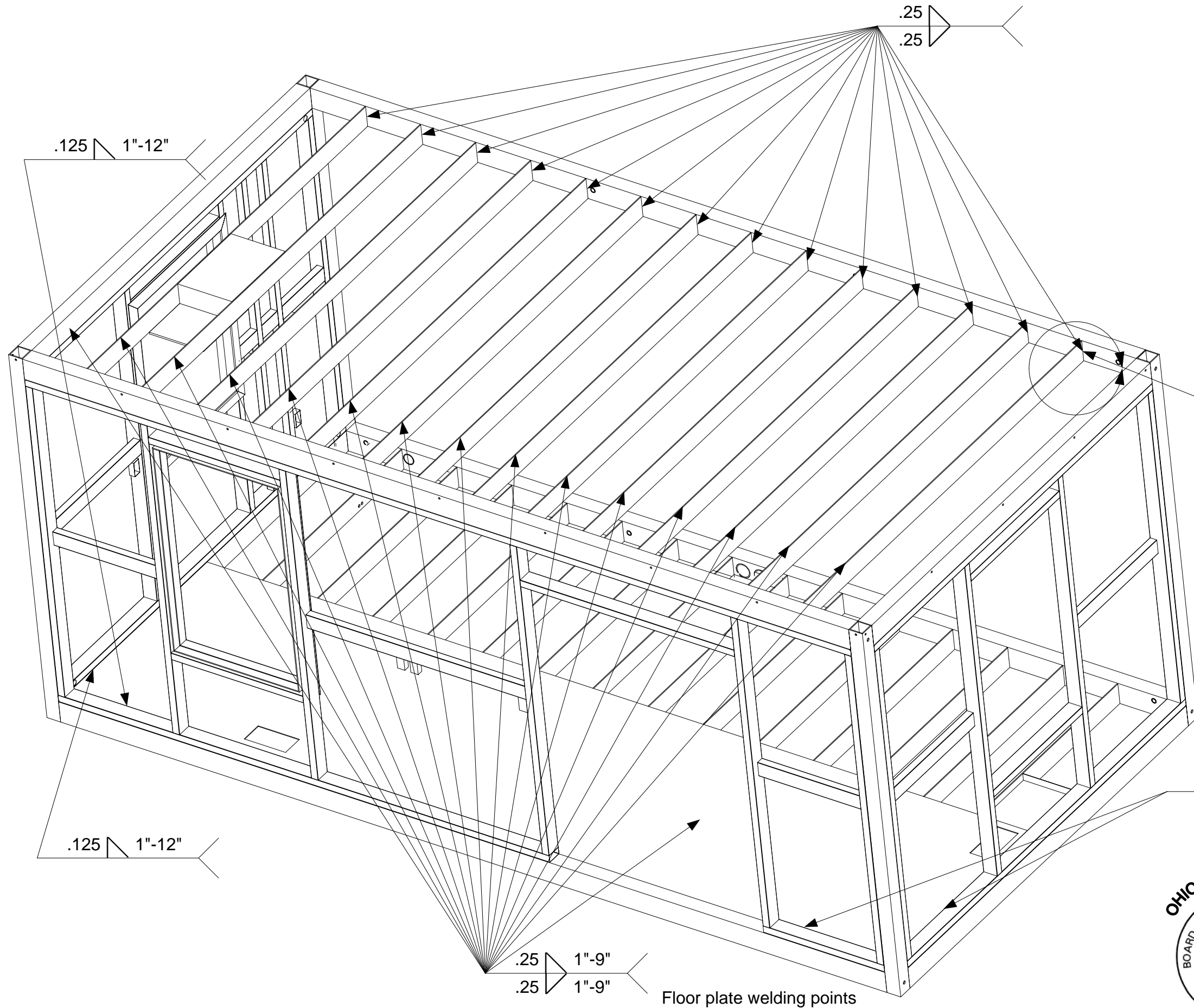


DRAWING

Manufacturing
Cell B
View B & C
Assembly-Cell
Ceiling
sub-assembly
installation
Welding

MODEL(S): Hartford

PAGE 37D

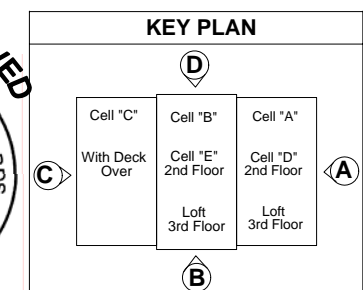


.25
.25

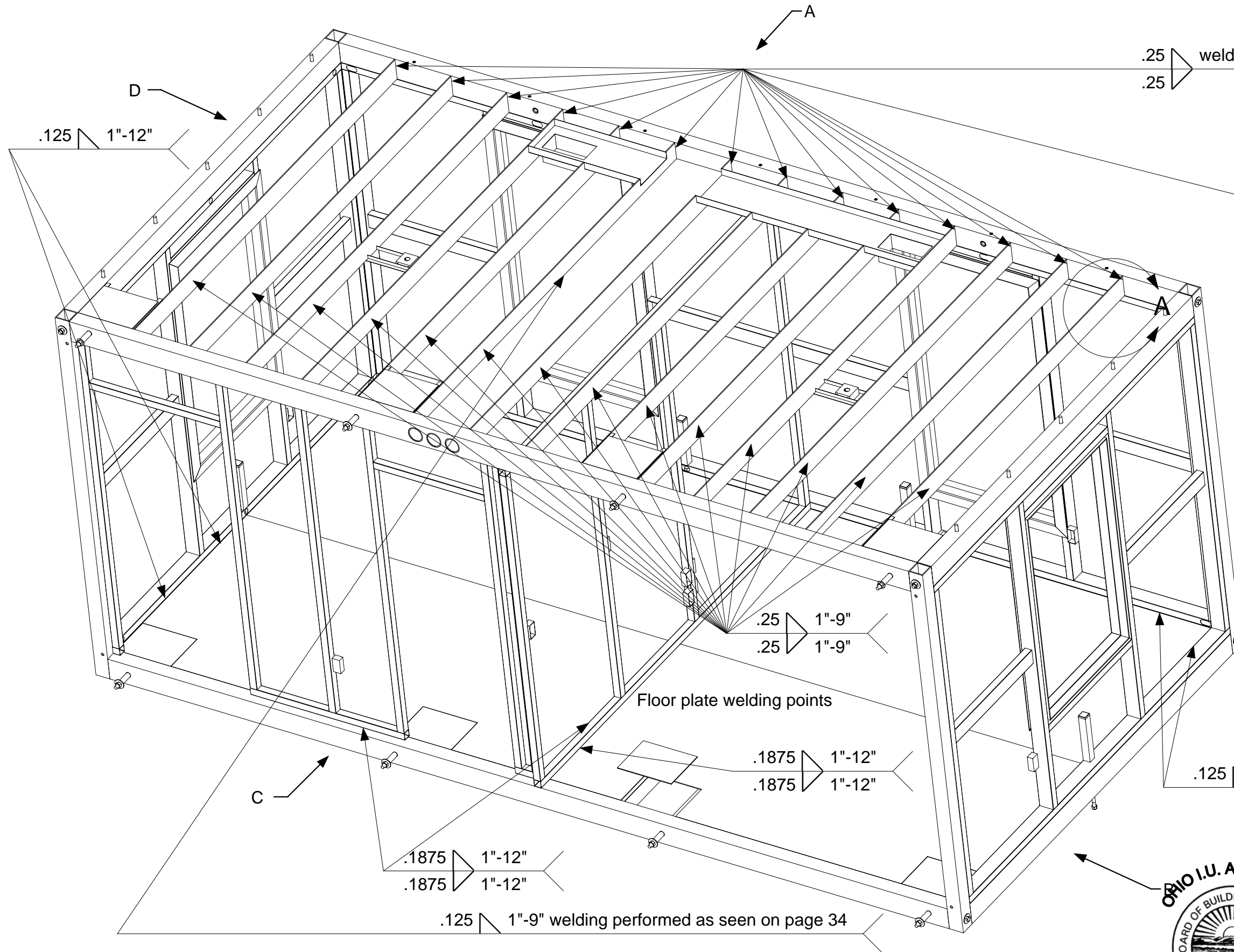
All exterior wall sections are
welded to

.125 1"-12"

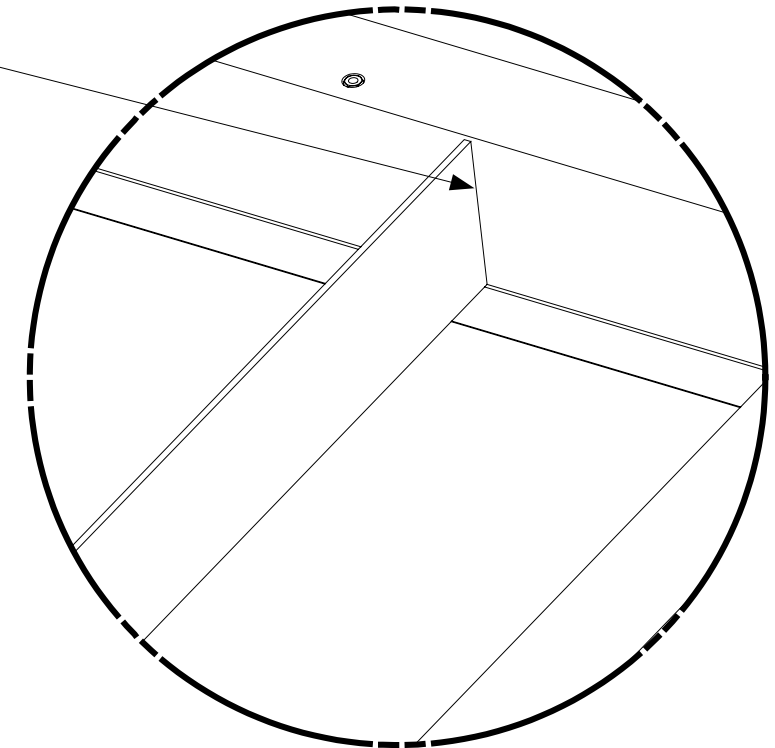
Specification



DRAWING
Manufacturing Cell C View 3D Assembly-Cell Ceiling joist Floor joist installation Welding
MODEL(S): Hartford
PAGE 37E

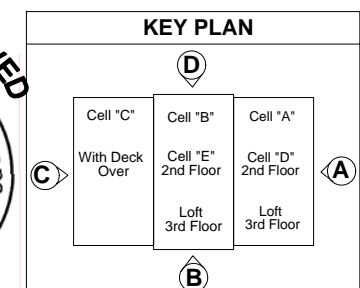


.25 welding performed as seen on pages 32-33-34-35-36
 .25

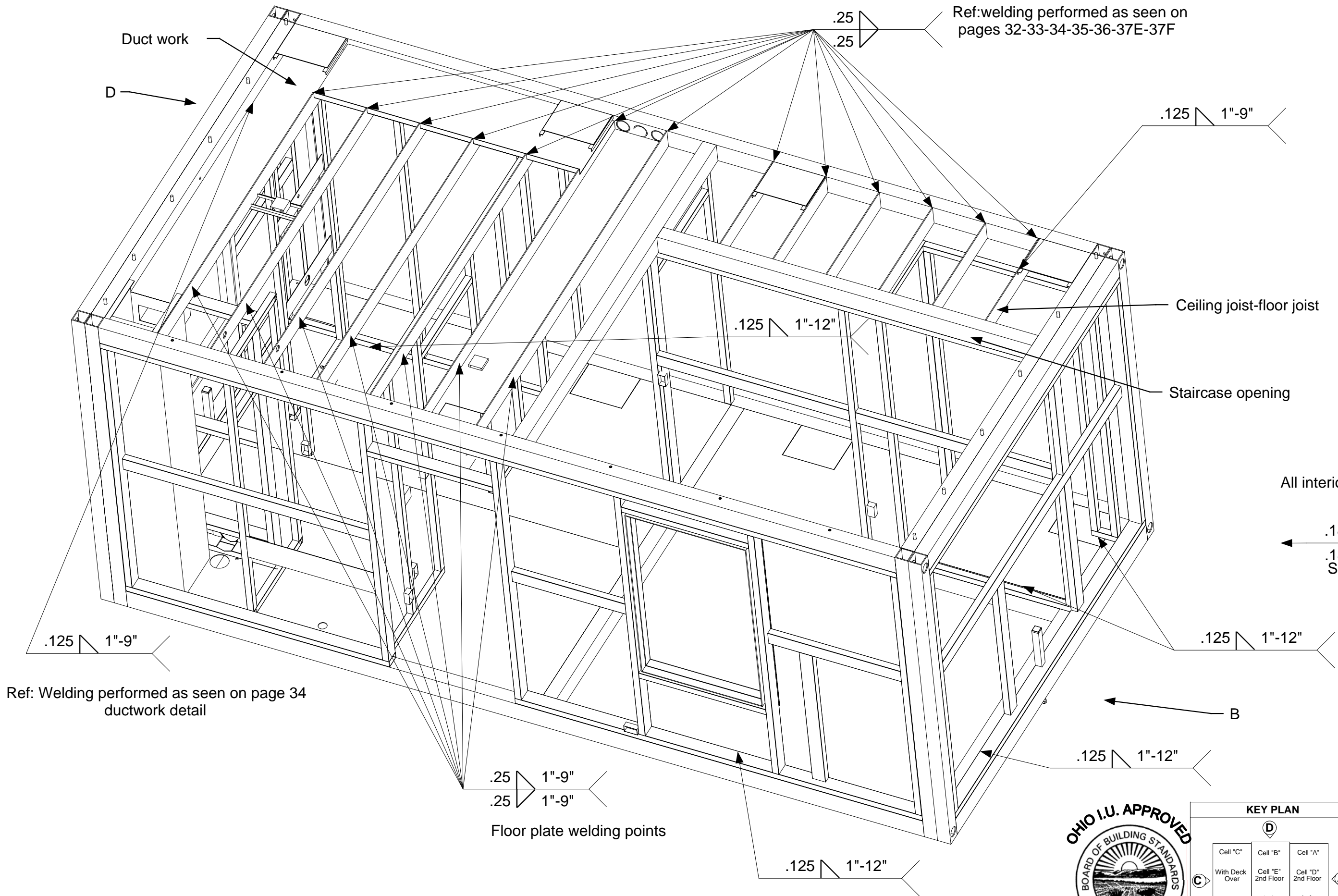


All interior wall sections are welded to

.1875 1\"-12\"
 .1875 1\"-12\"
 Specification



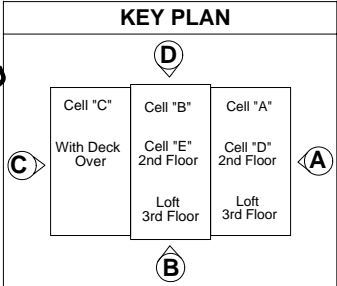
DRAWING
Manufacturing Cell D View B & C Assembly-Cell Ceiling joist Floor joist installation Welding
MODEL(S): Hartford
PAGE 37F



All interior wall sections are welded to

.1875 1"-12"
.1875 1"-12"
Specification

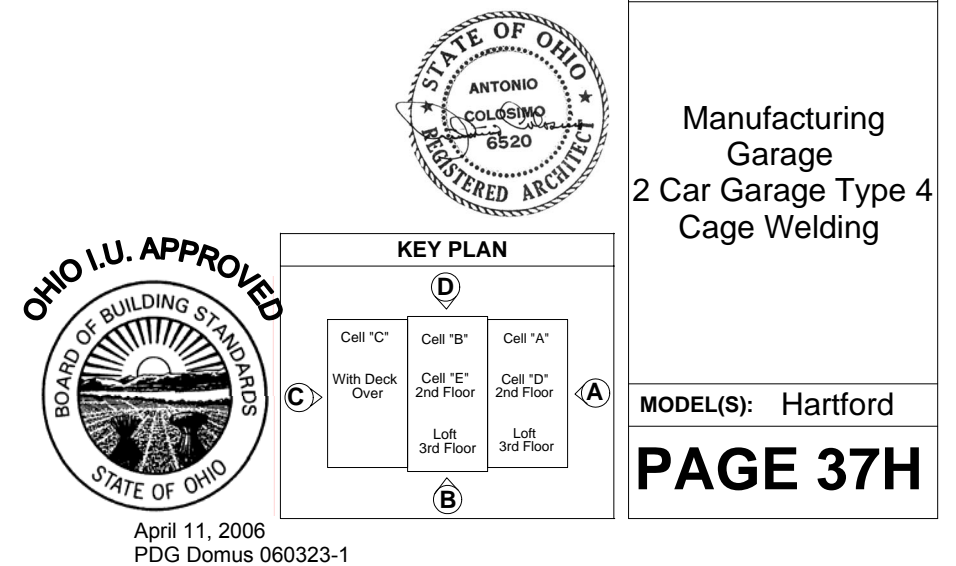
DRAWING
Manufacturing Cell E View B & C Assembly-Cell Ceiling joist Floor joist installation Welding
MODEL(S): Hartford
PAGE 37G



Welding (Typical) 2 Car Garage Type 4

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

G2.5



Welding (Typical)
2 Car Garage Type 3

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

G2.3

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

APRIL 11, 2006

PDG Domus 060323-1

ANTONIO COLASIMO

REGISTERED ARCHITECT

6520

KEY PLAN

Cell "C"

With Deck Over

Cell "B"

Cell "E"

2nd Floor

Loft

3rd Floor

Cell "A"

Cell "D"

2nd Floor

Loft

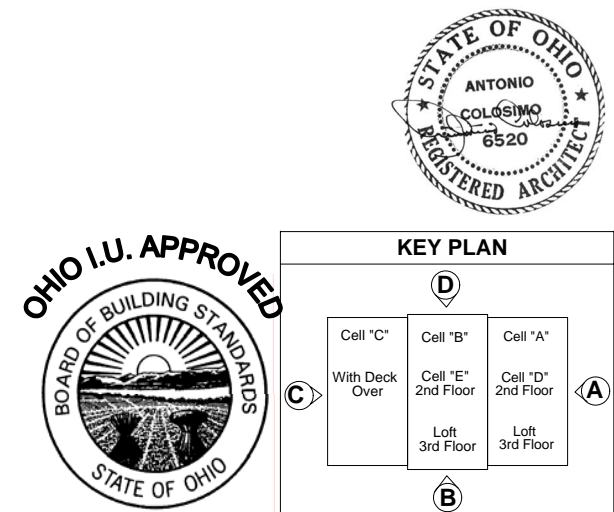
3rd Floor

DRAWING
Manufacturing Garage 2 Car Garage Type 3 Cage Welding
MODEL(S): Hartford
PAGE 37I

Welding (Typical) 2 Car Garage Type 2

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

G-2.2

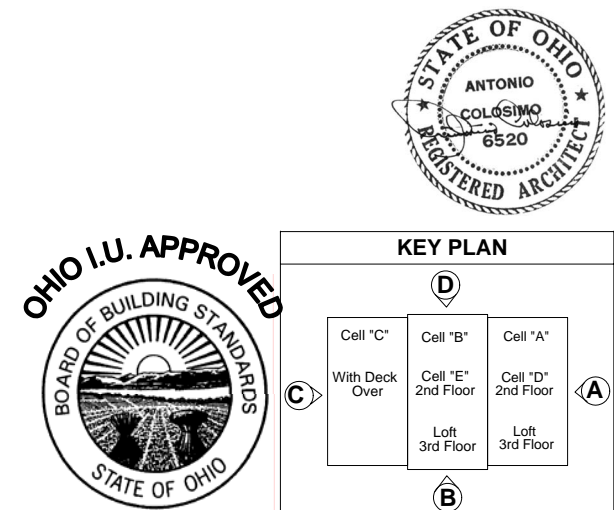


DRAWING
<p>Manufacturing Garage 2 Car Garage Type 2 Cage Welding</p>
MODEL(S): Hartford
PAGE 37J

Welding (Typical) 2 Car Garage Type 1

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

G2.4



DRAWING
<p>Manufacturing Garage 2 Car Garage Type 1 Cage Welding</p>
MODEL(S): Hartford
PAGE 37K

Welding (Typical)
1 Car Garage Type 1

Architectural information can be
Referenced in
Architectural Plan Manual
Page(s)

G1.1

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

April 11, 2006

PDG Domus 060323-1

STATE OF OHIO

ANTONIO COLASIMO

REGISTERED ARCHITECT

6520

KEY PLAN

Cell "C"

With Deck Over

Cell "B"

Cell "E"

2nd Floor

Loft

3rd Floor

Cell "A"

Cell "D"

2nd Floor

Loft

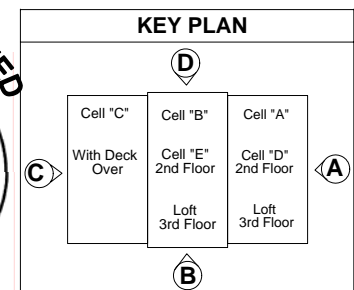
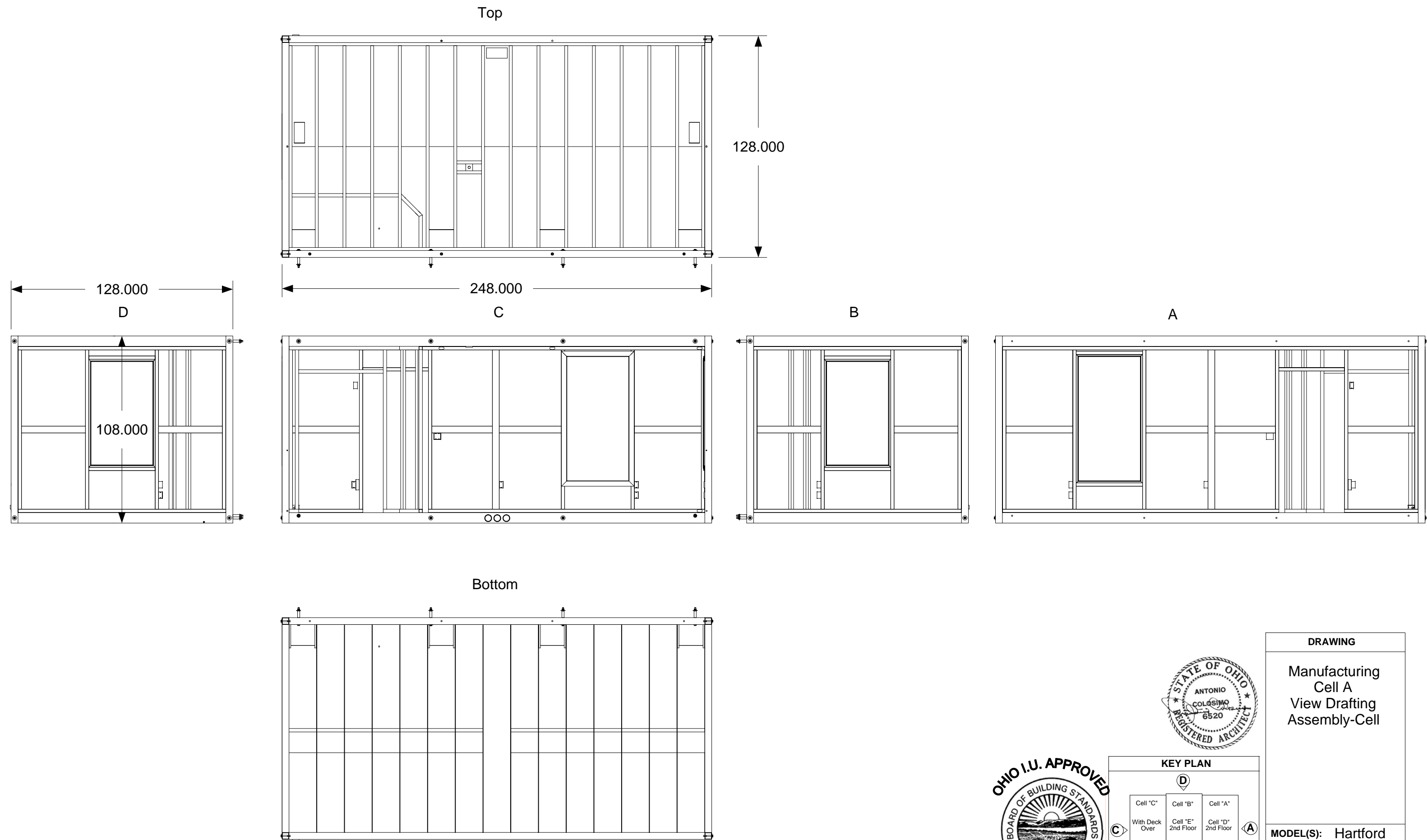
3rd Floor

DRAWING

Manufacturing
Garage
1 Car Garage Type 1
Cage Welding

MODEL(S): Hartford

PAGE 37L

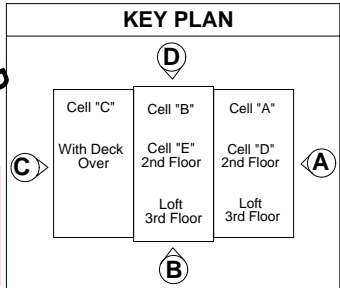
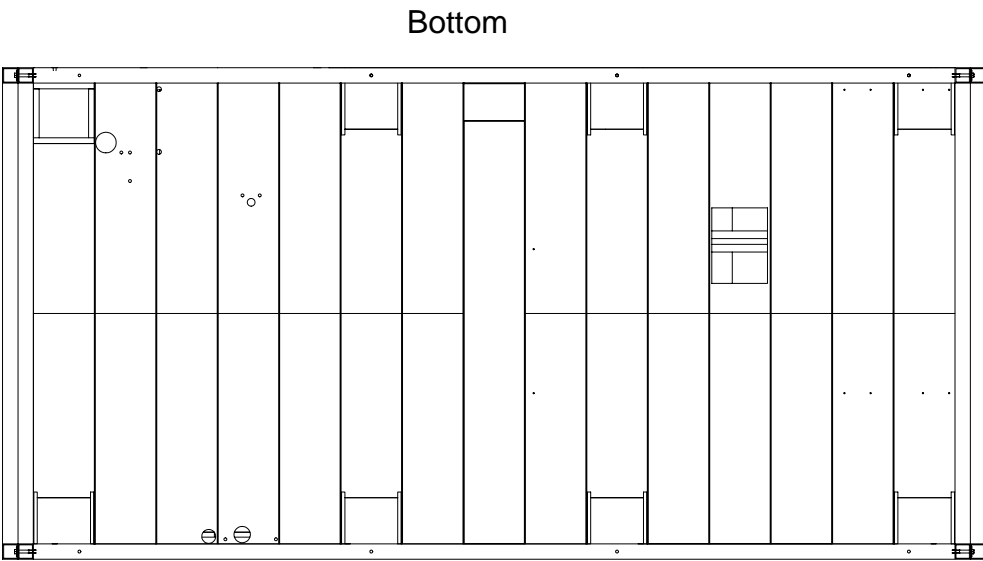
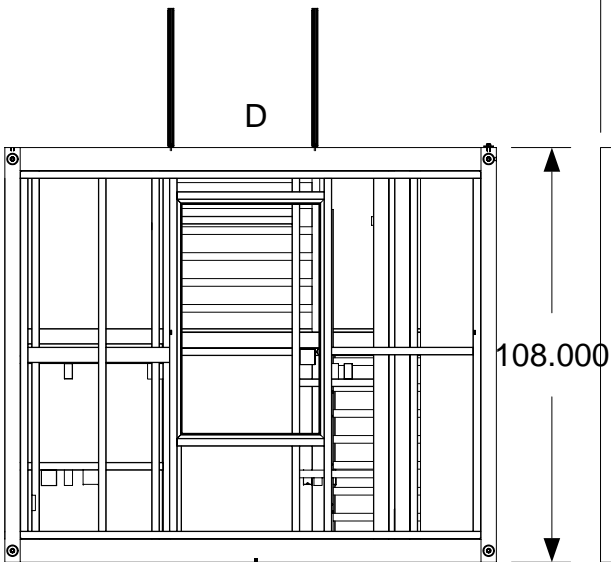
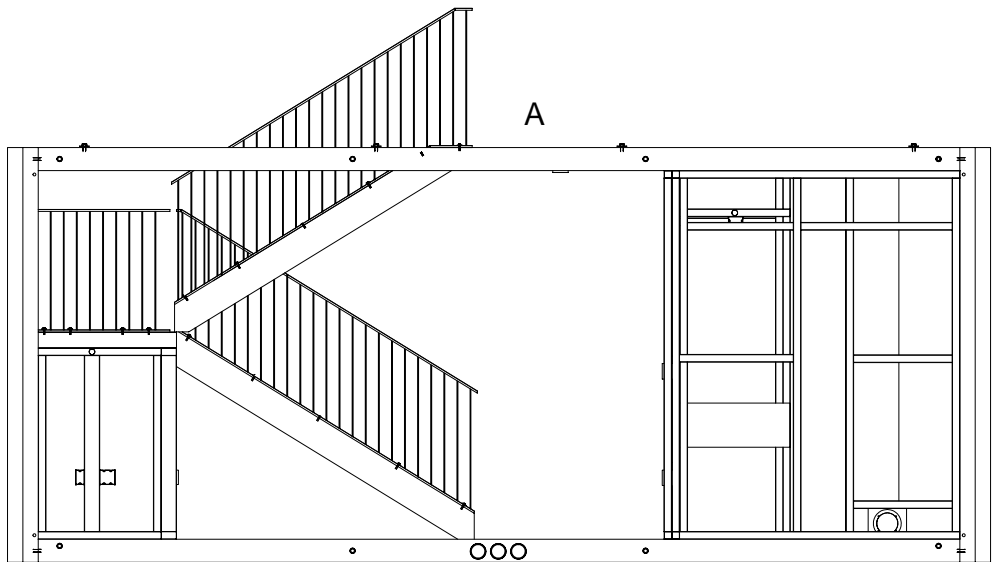
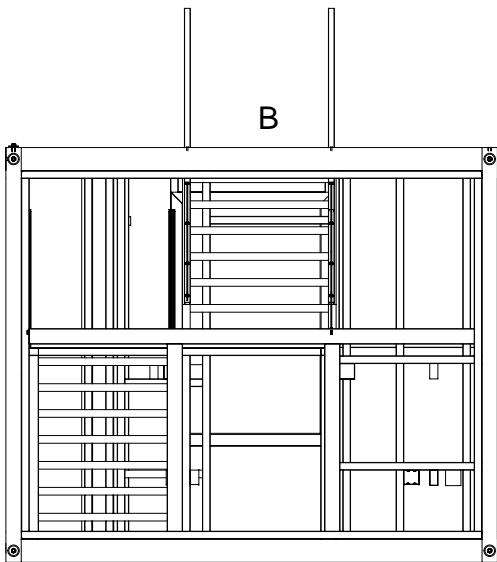
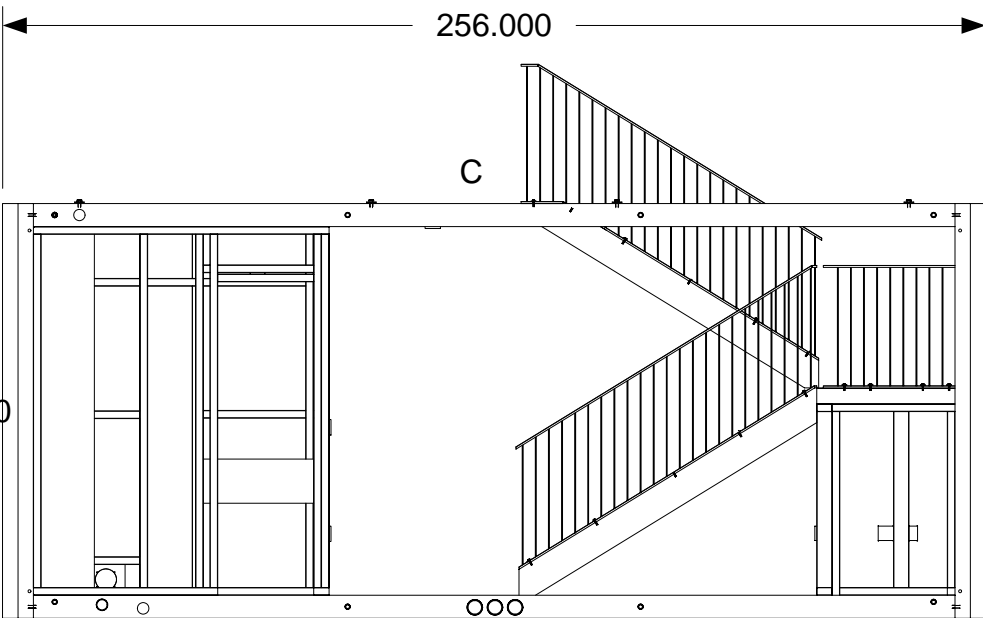
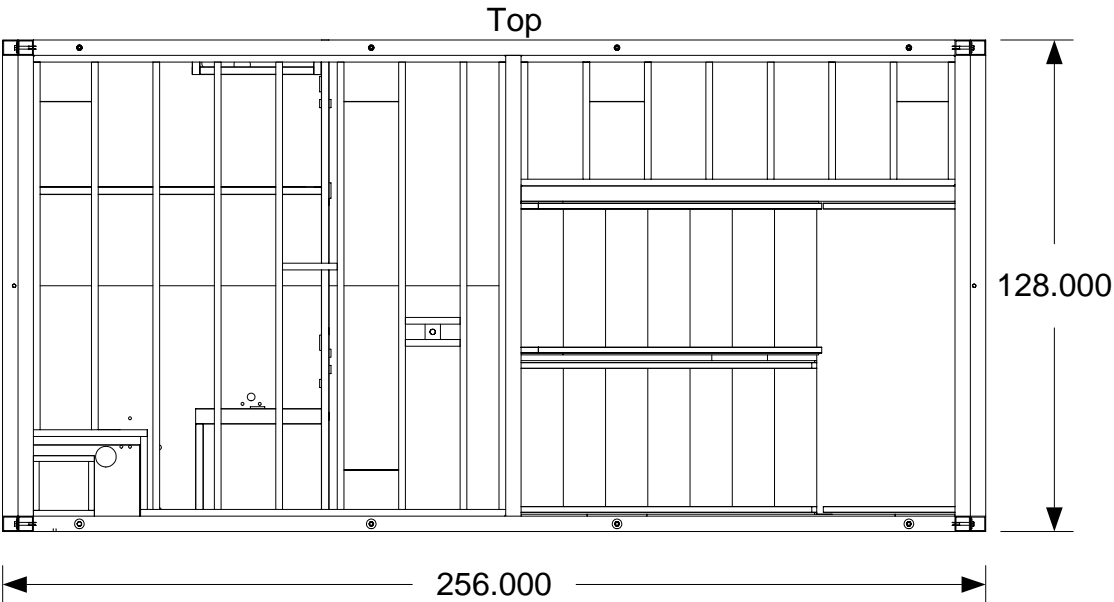


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell

MODEL(S): Hartford

PAGE 38A

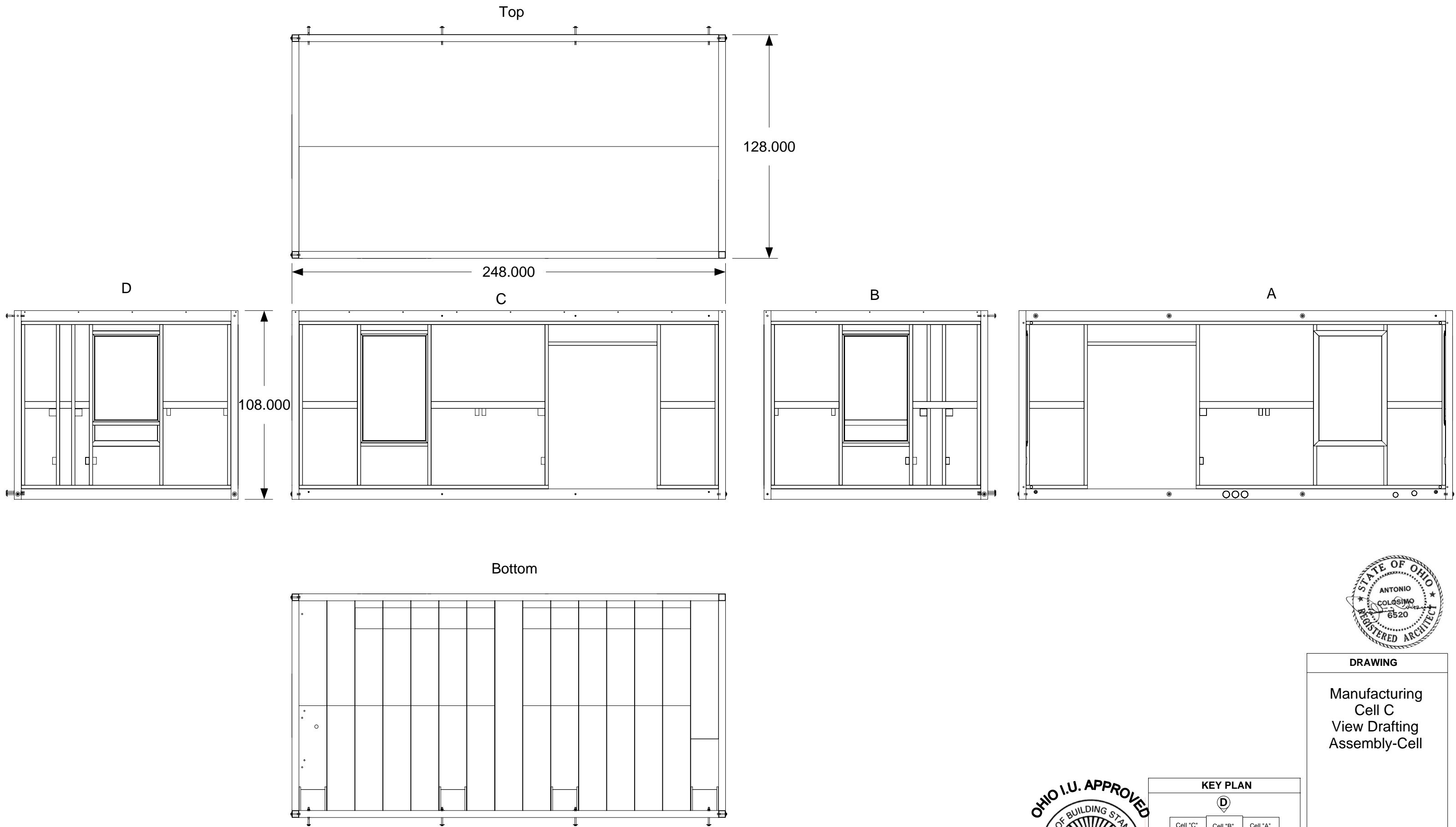


DRAWING

Manufacturing
Cell B
View Drafting
Assembly-Cell

MODEL(S): Hartford

PAGE 38B

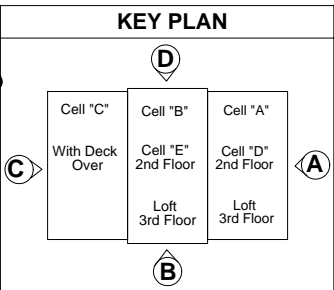


DRAWING

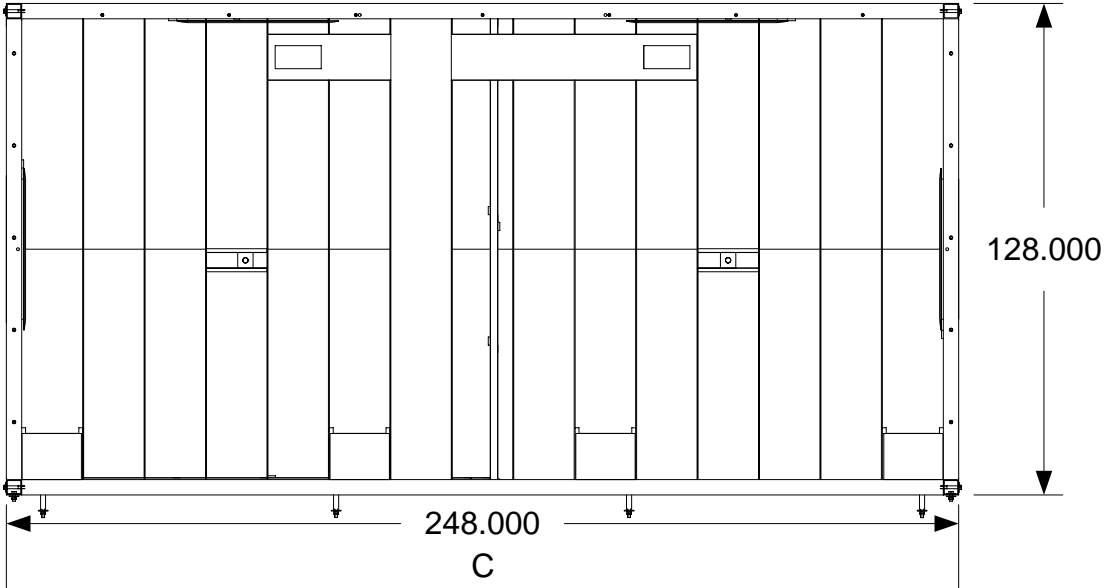
Manufacturing
Cell C
View Drafting
Assembly-Cell

MODEL(S): Hartford

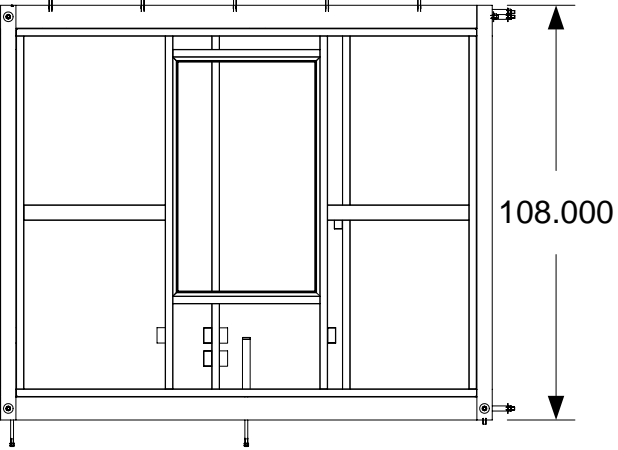
PAGE 38C



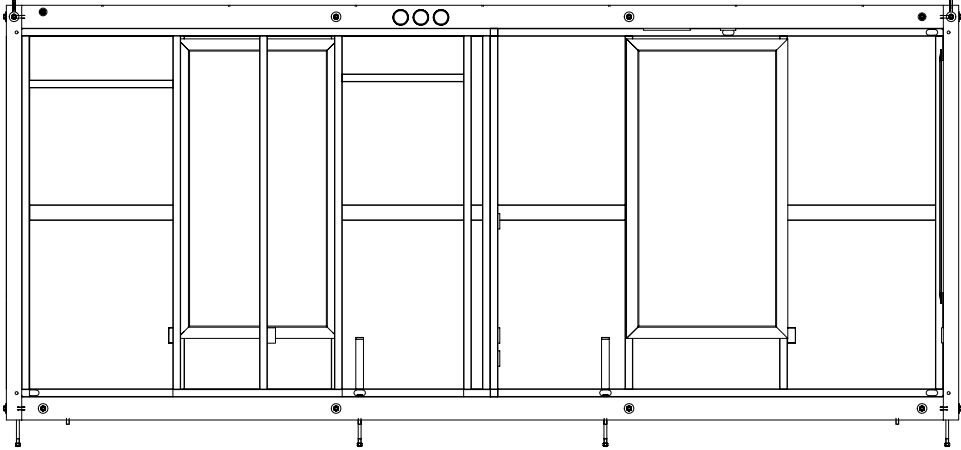
Top



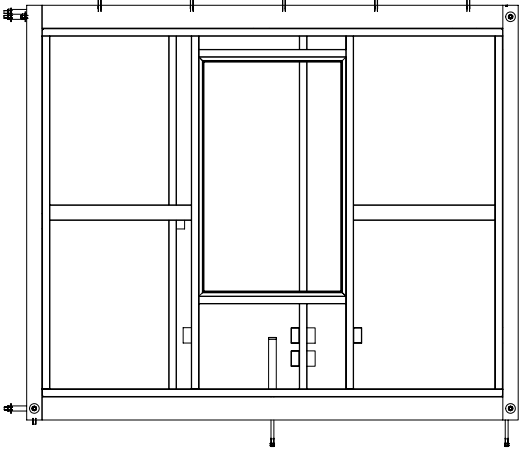
D



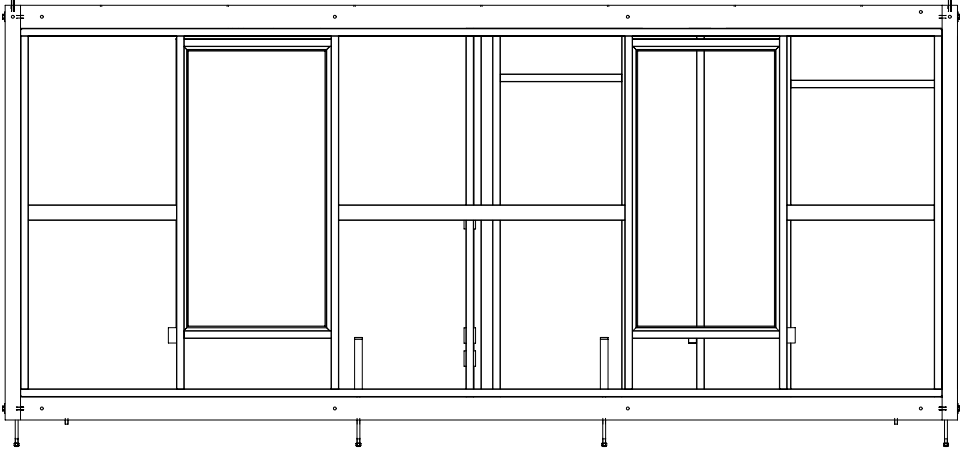
C



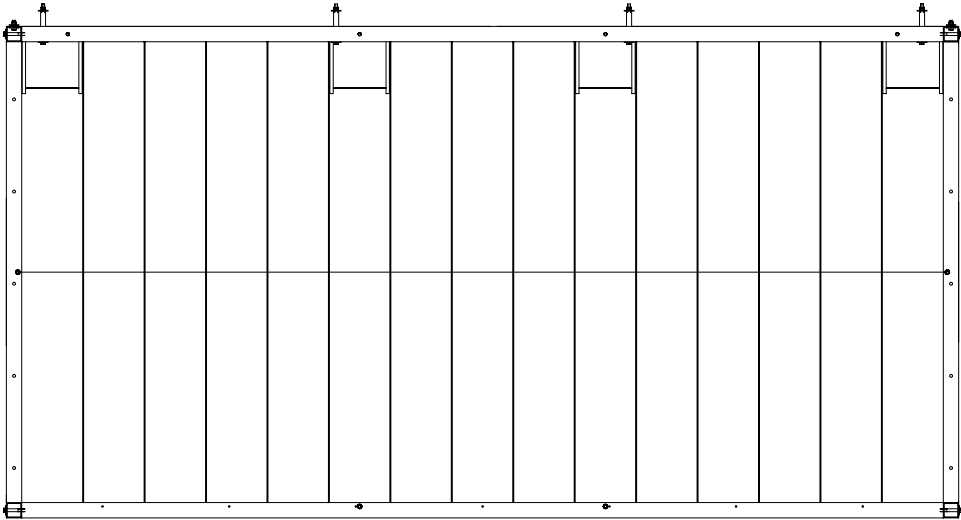
B



A



Bottom

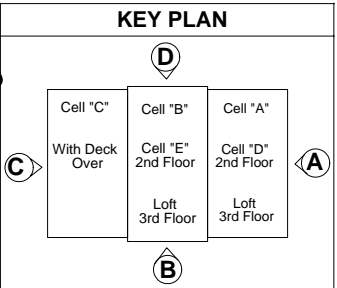


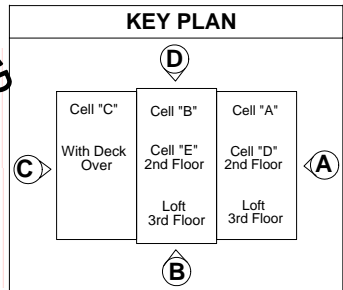
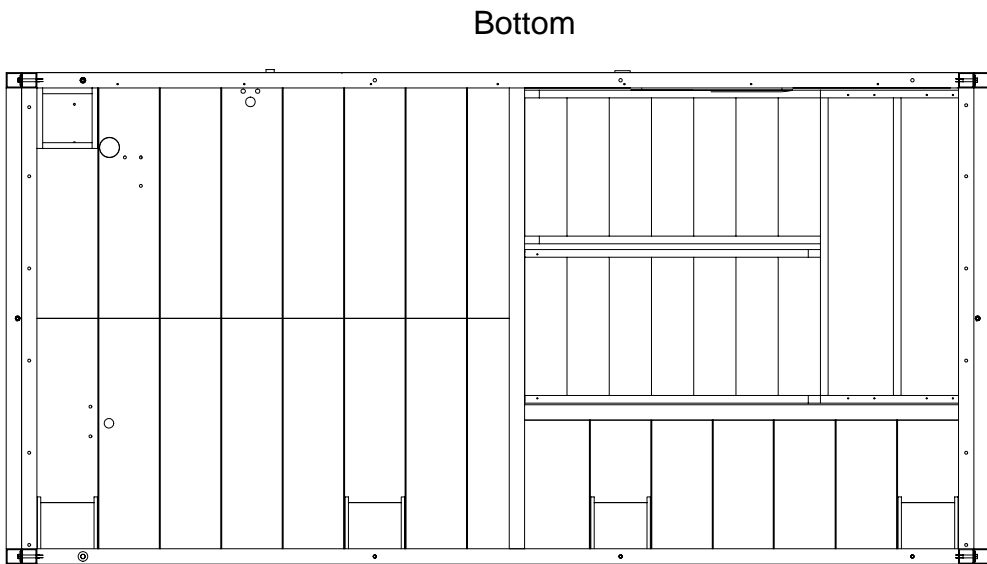
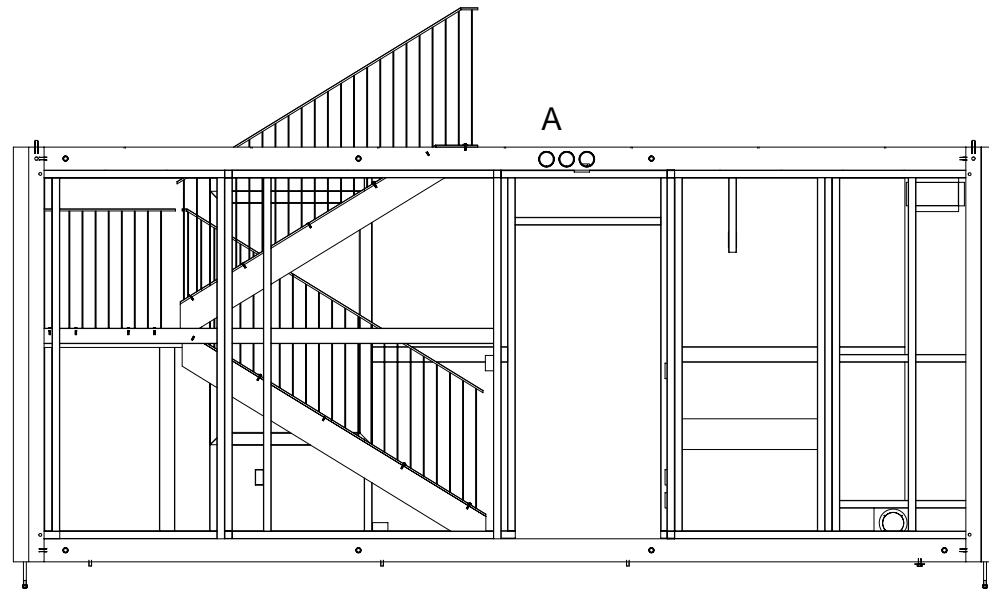
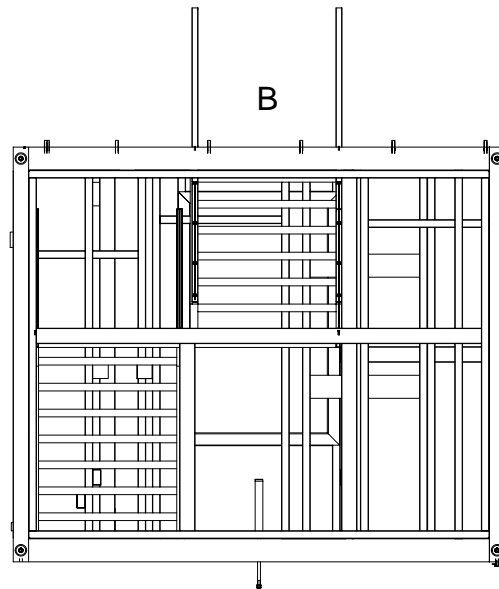
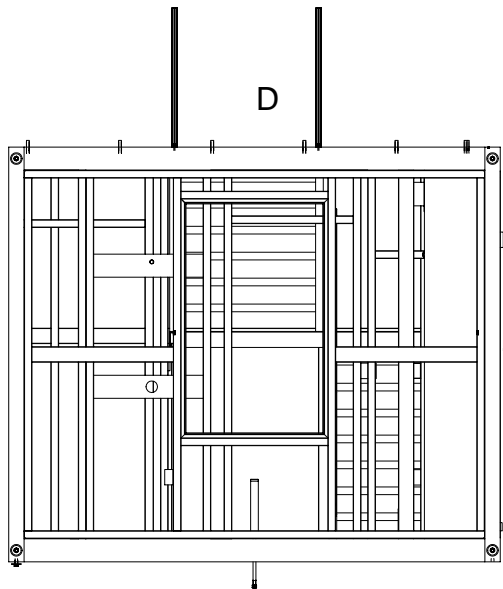
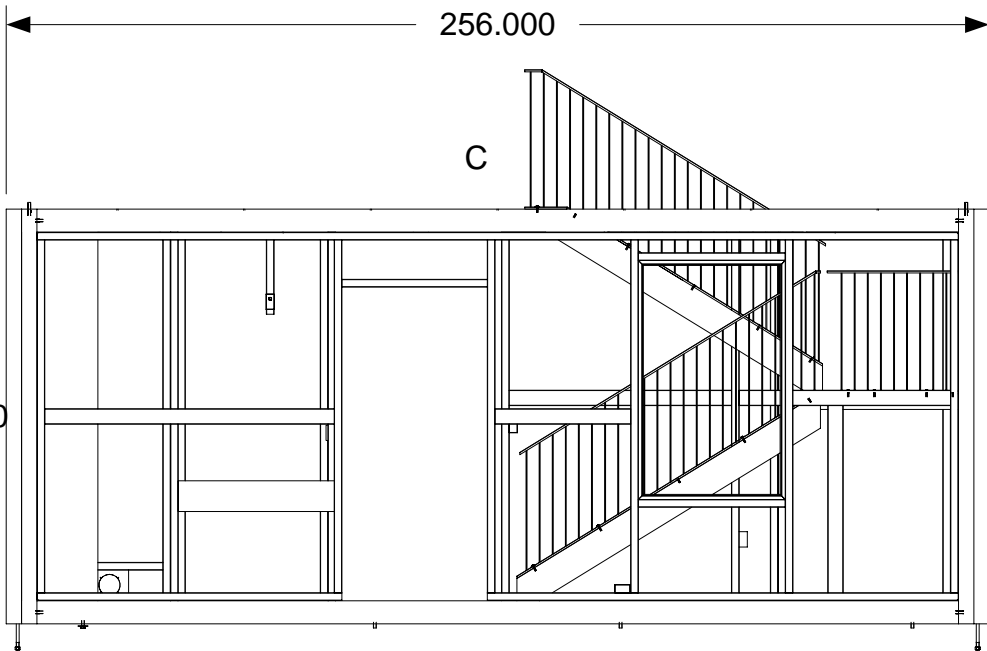
DRAWING

Manufacturing
Cell D
View Drafting
Assembly-Cell

MODEL(S): Hartford

PAGE 38D



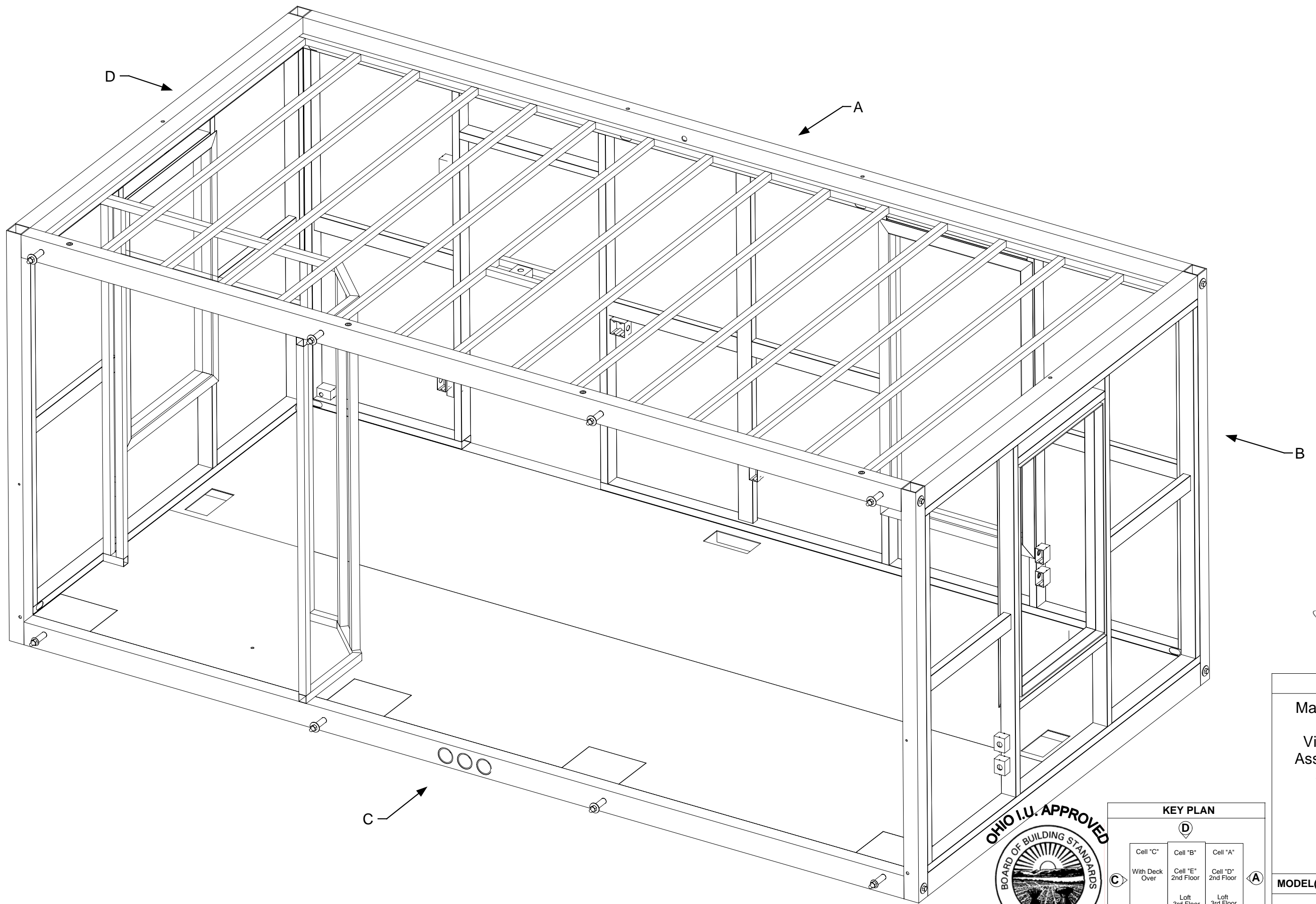


DRAWING

Manufacturing
Cell E
View Drafting
Assembly-Cell

MODEL(S): Hartford

PAGE 38E

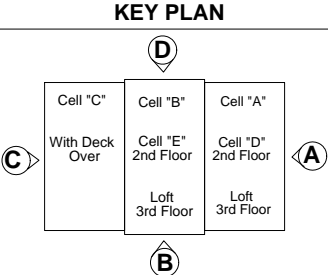


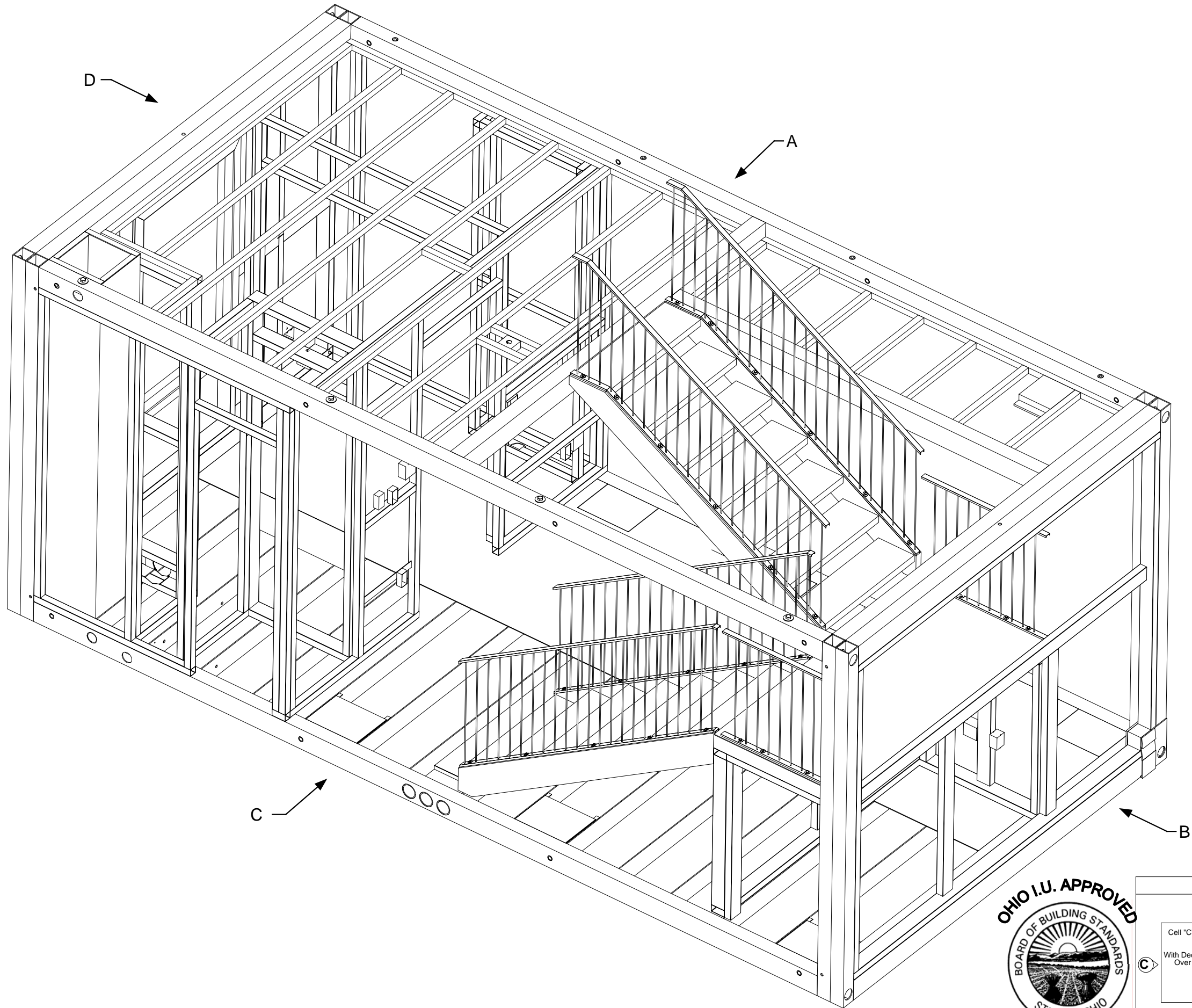
DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
3D view

MODEL(S): Hartford

PAGE 39A



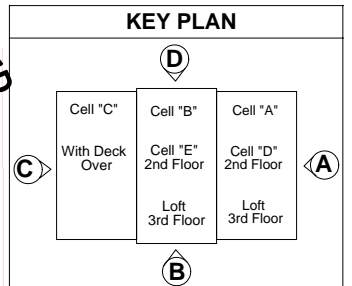


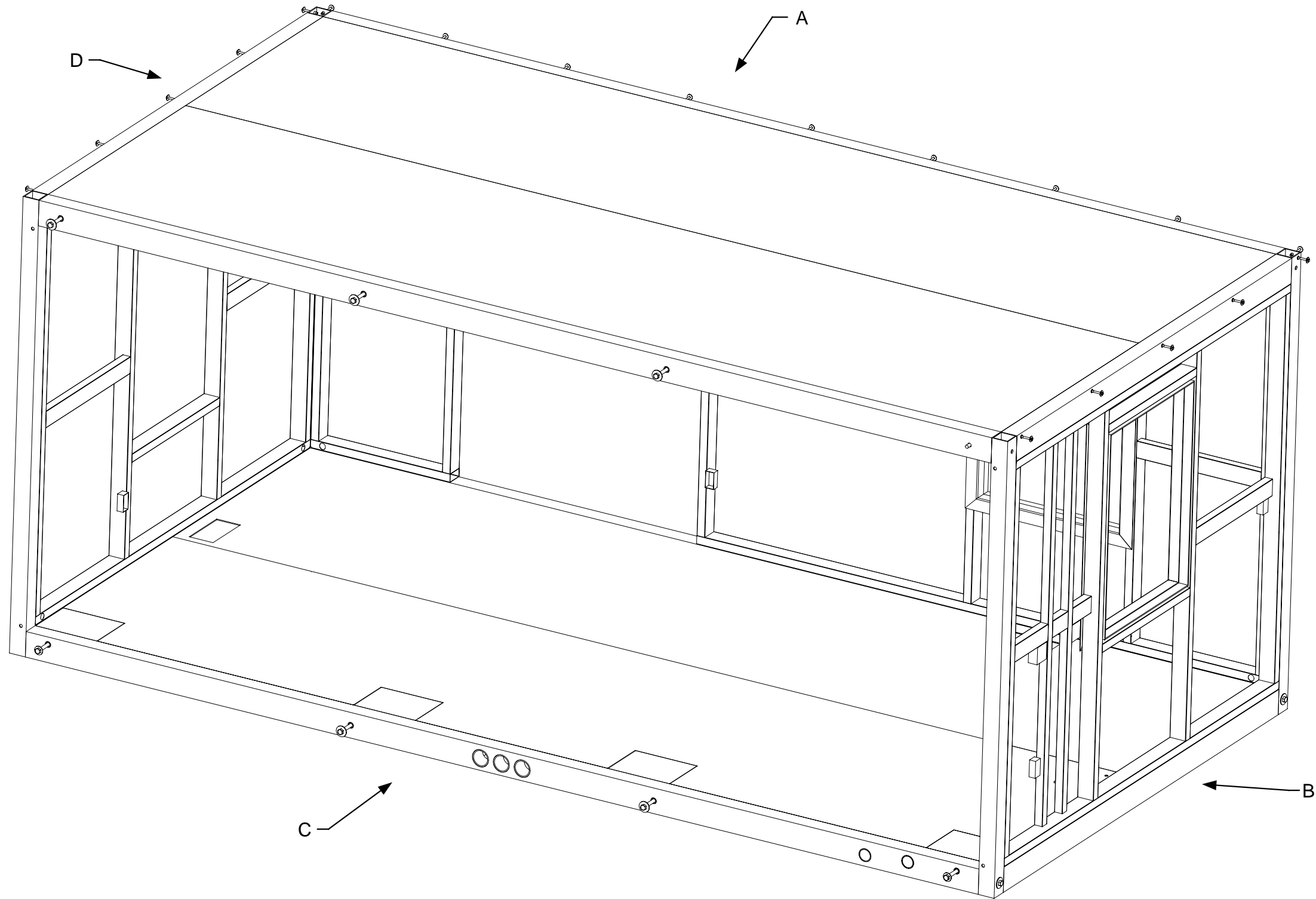
DRAWING

Manufacturing
Cell B
View B & C
Assembly-Cell
3D view

MODEL(S): Hartford

PAGE 39B



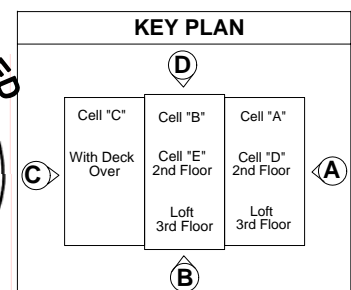


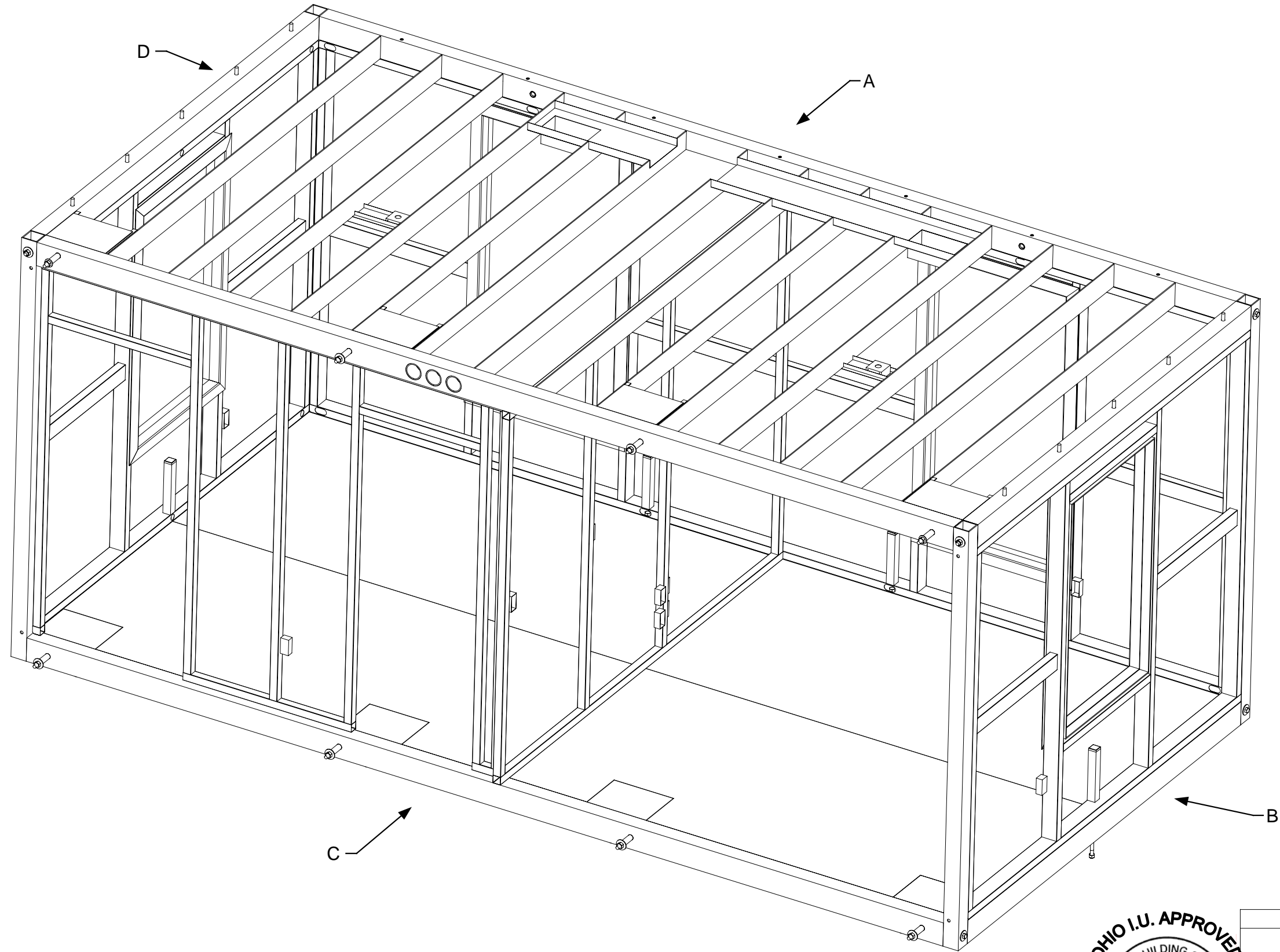
DRAWING

Manufacturing
Cell C
View B & C
Assembly-Cell
3D view

MODEL(S): Hartford

PAGE 39C



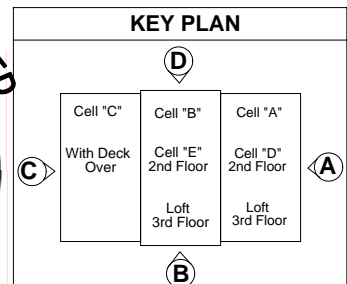


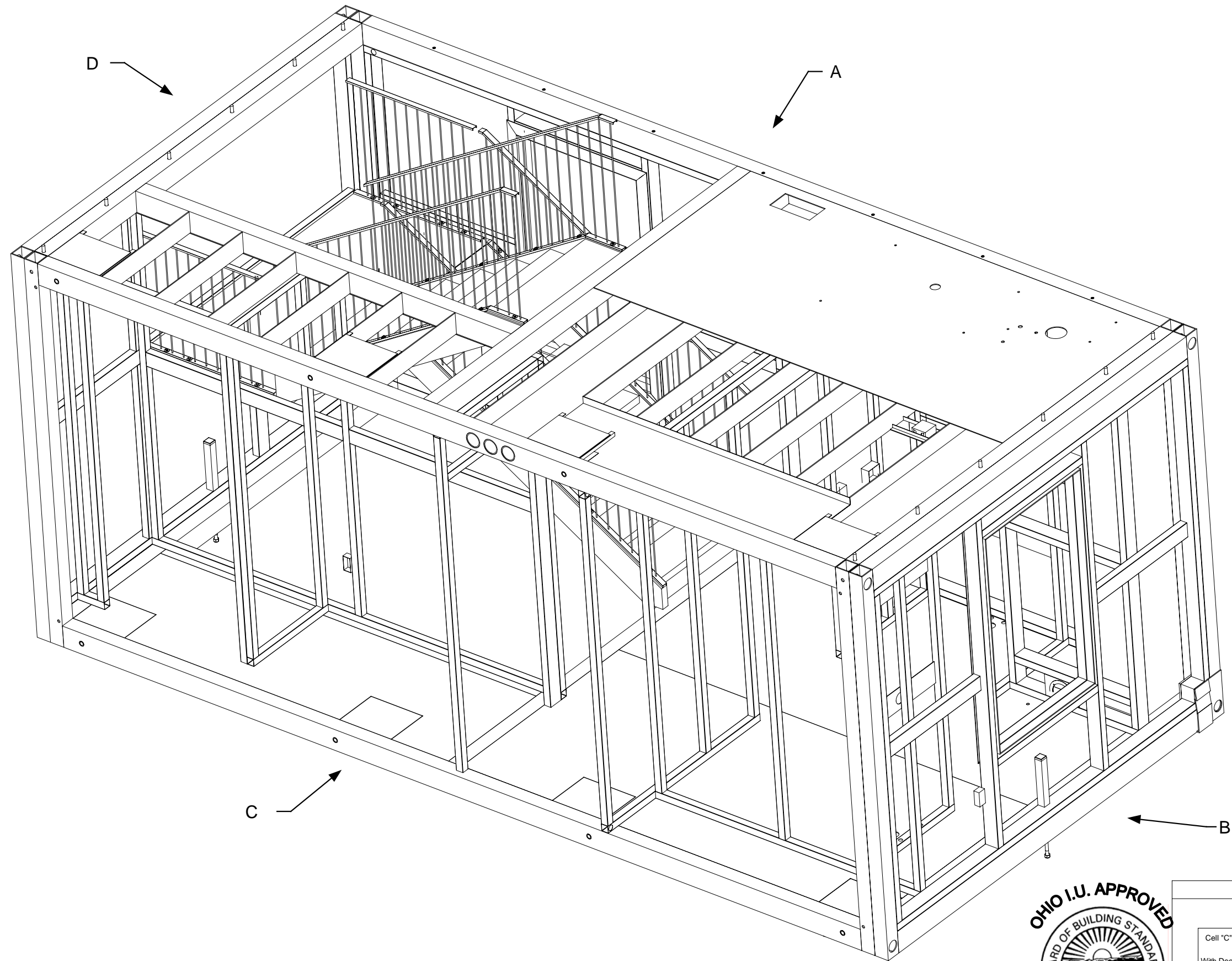
DRAWING

Manufacturing
Cell D
View B & C
Assembly-Cell
3D view

MODEL(S): Hartford

PAGE 39D



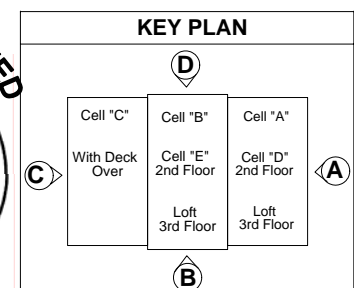


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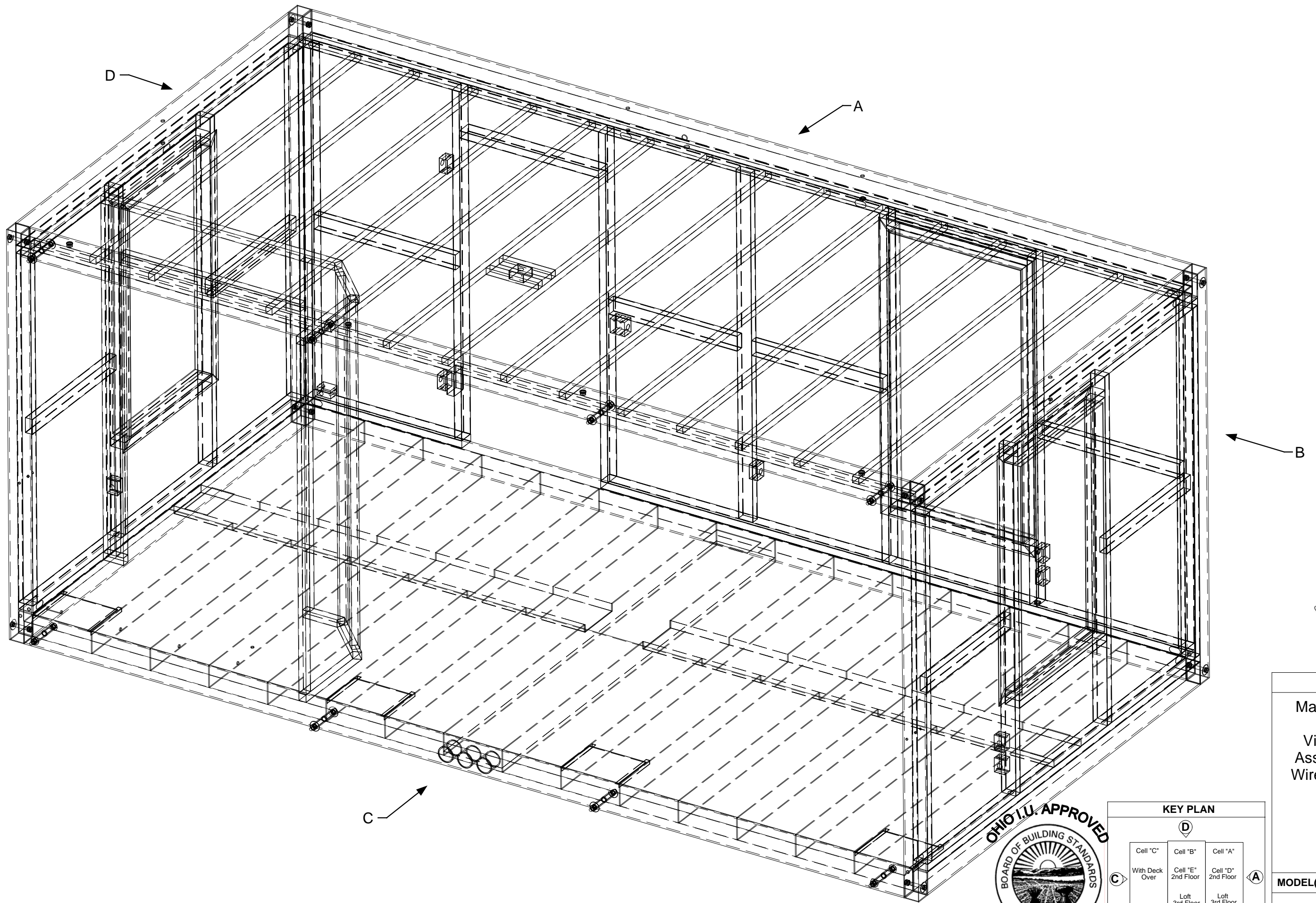
Manufacturing
Cell E
View B & C
Assembly-Cell
3D view

MODEL(S): Hartford

PAGE 39E



April 11, 2006
PDG Domus 060323-1

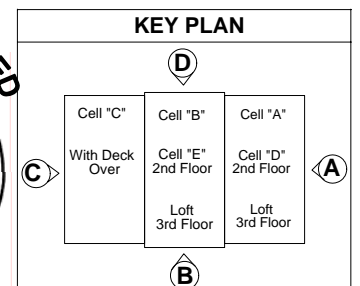


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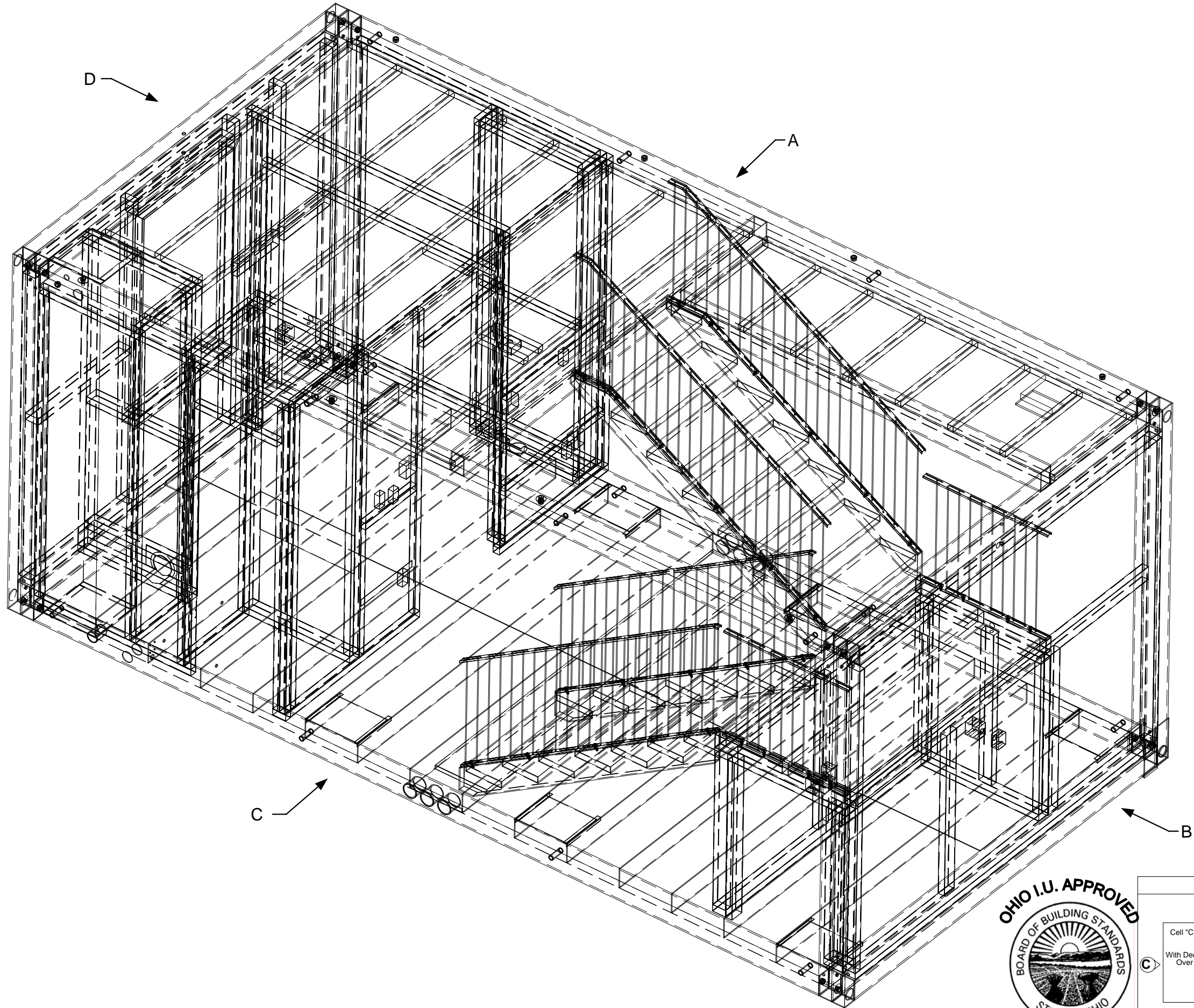
Manufacturing
Cell A
View B & C
Assembly-Cell
Wireframe view

MODEL(S): Hartford

PAGE 40A



April 11, 2006
PDG Domus 060323-1

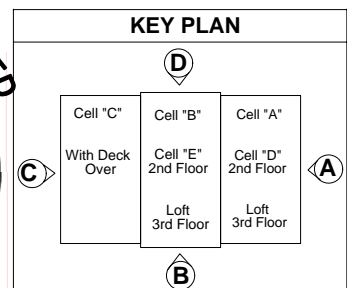


DRAWING

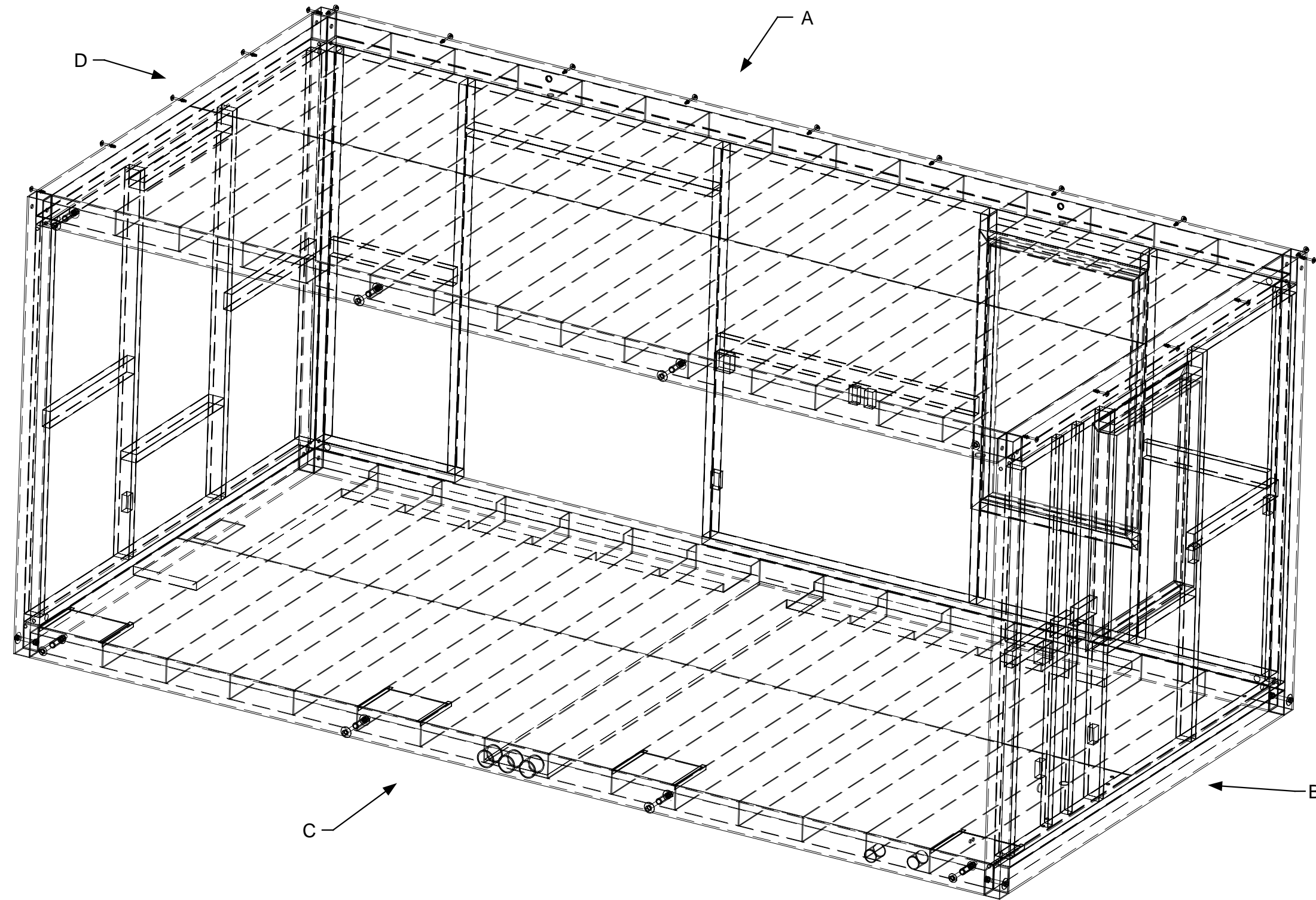
Manufacturing
Cell B
View B & C
Assembly-Cell
Wireframe view

MODEL(S): Hartford

PAGE 40B



April 11, 2006
PDG Domus 060323-1

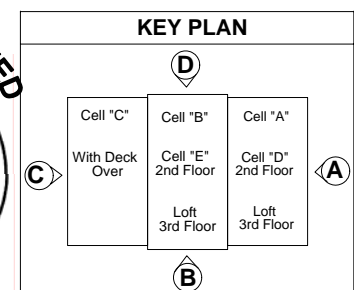


DRAWING

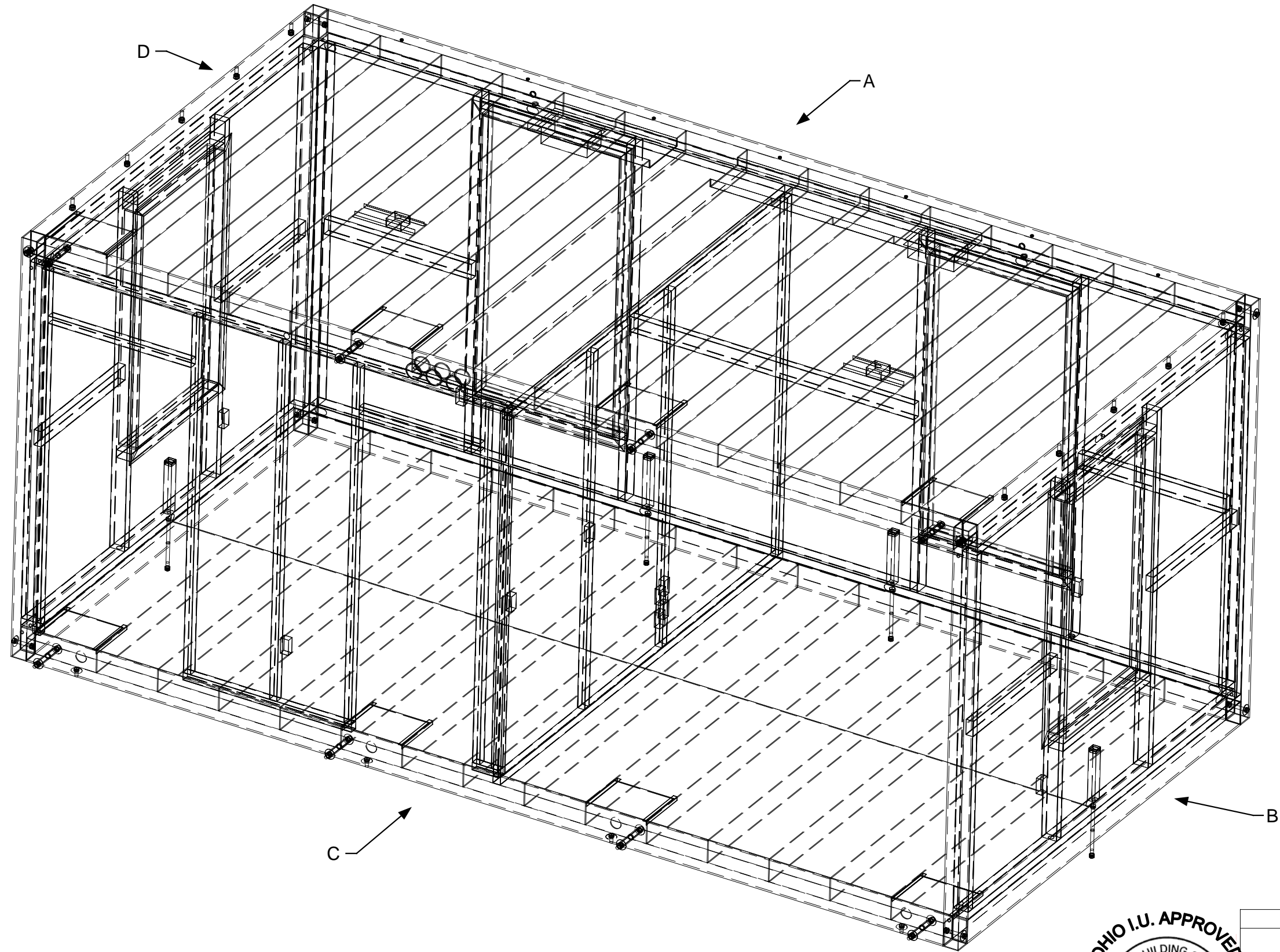
Manufacturing
Cell C
View B & C
Assembly-Cell
Wireframe view

MODEL(S): Hartford

PAGE 40C



April 11, 2006
PDG Domus 060323-1

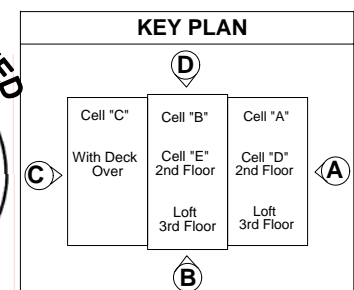


DRAWING

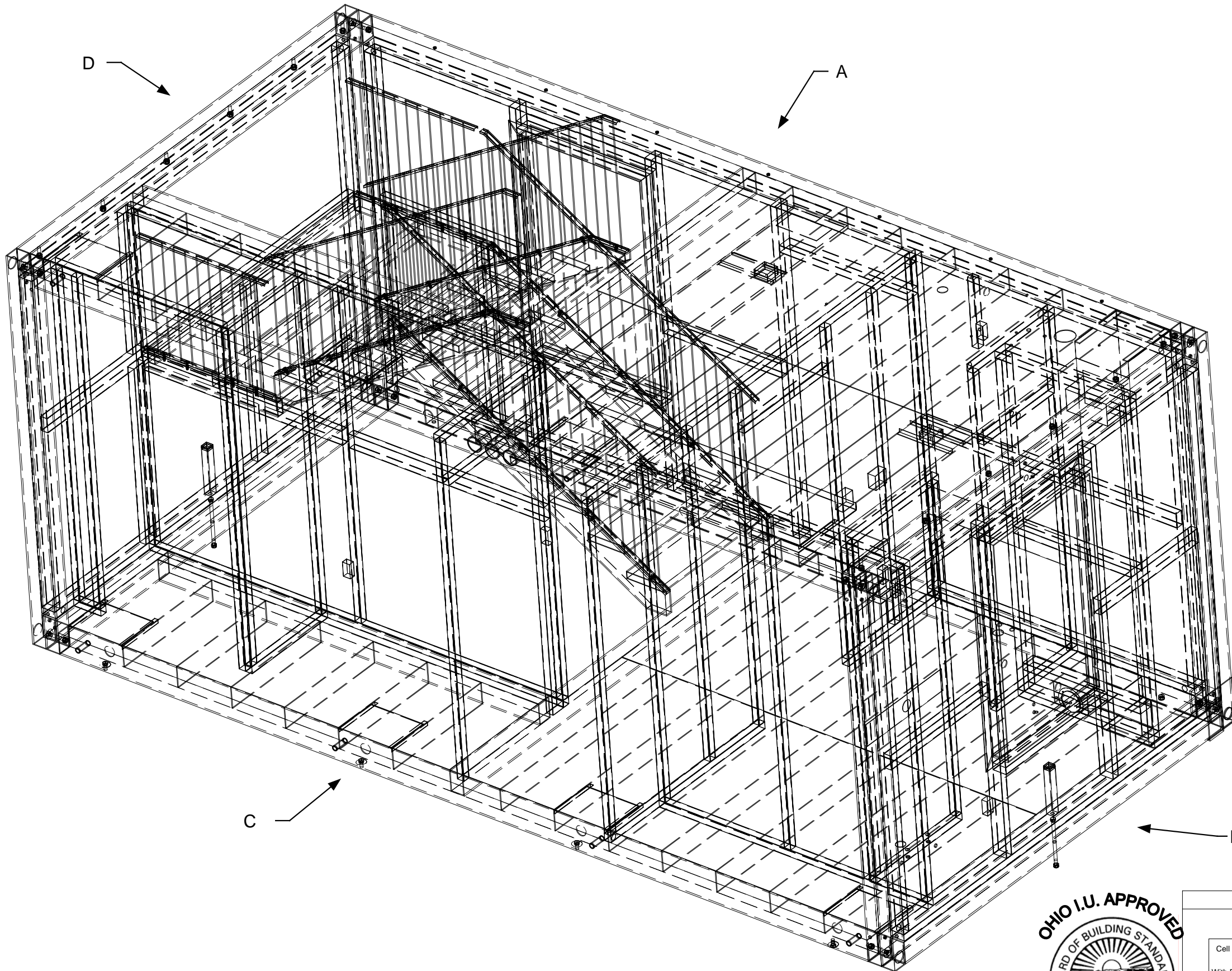
Manufacturing
Cell D
View B & C
Assembly-Cell
Wireframe view

MODEL(S): Hartford

PAGE 40D



April 11, 2006
PDG Domus 060323-1

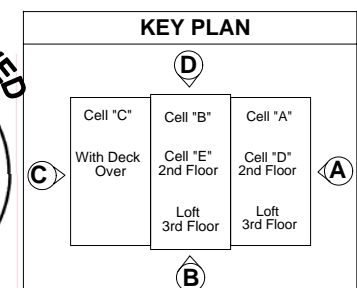


DRAWING

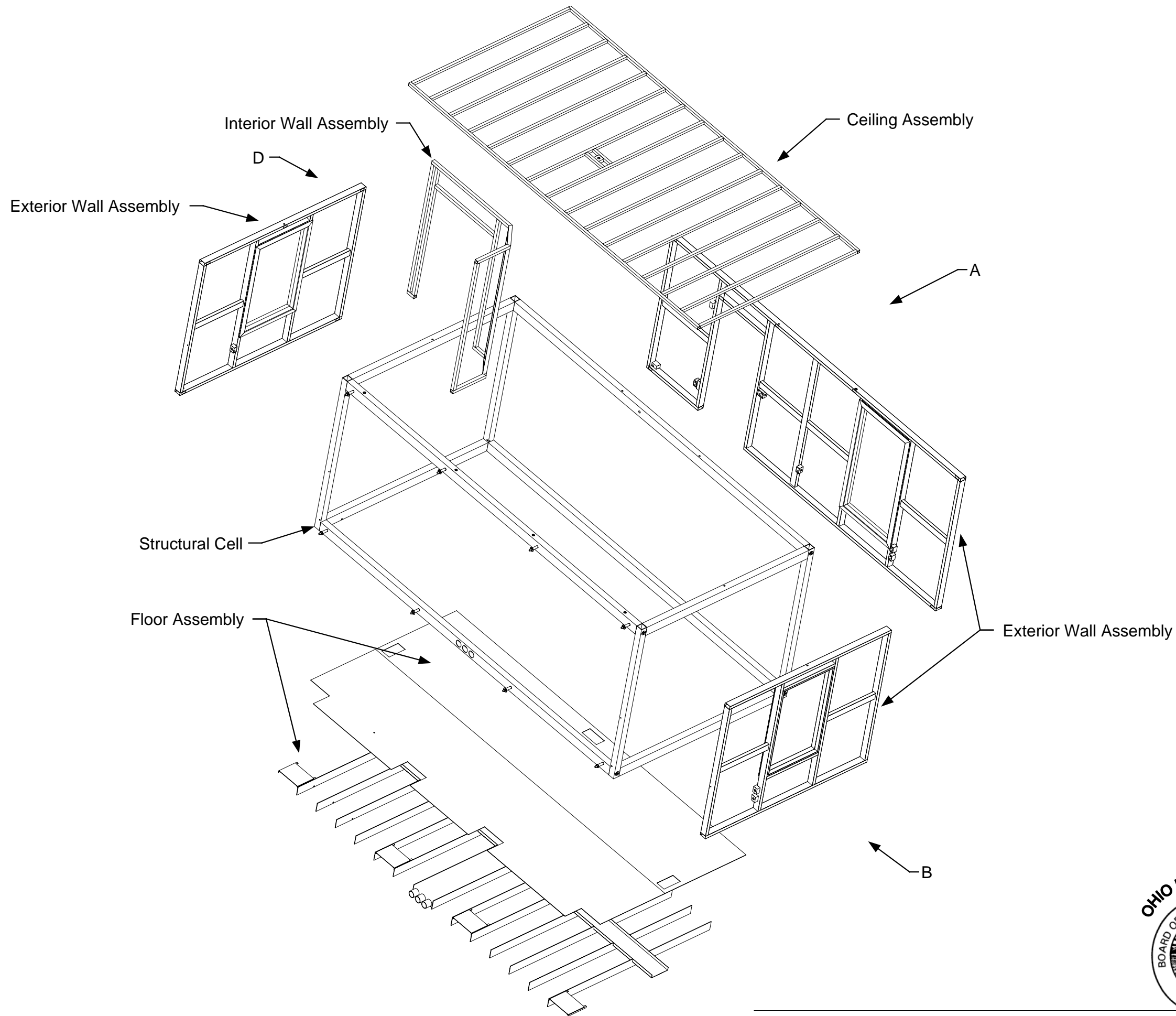
Manufacturing
Cell E
View B & C
Assembly-Cell
Wireframe view

MODEL(S): Hartford

PAGE 40E



April 11, 2006
PDG Domus 060323-1



Cell A

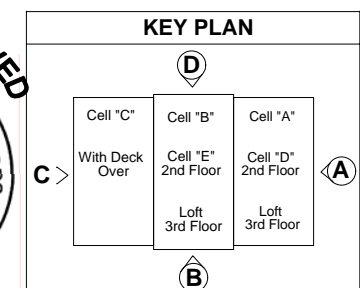


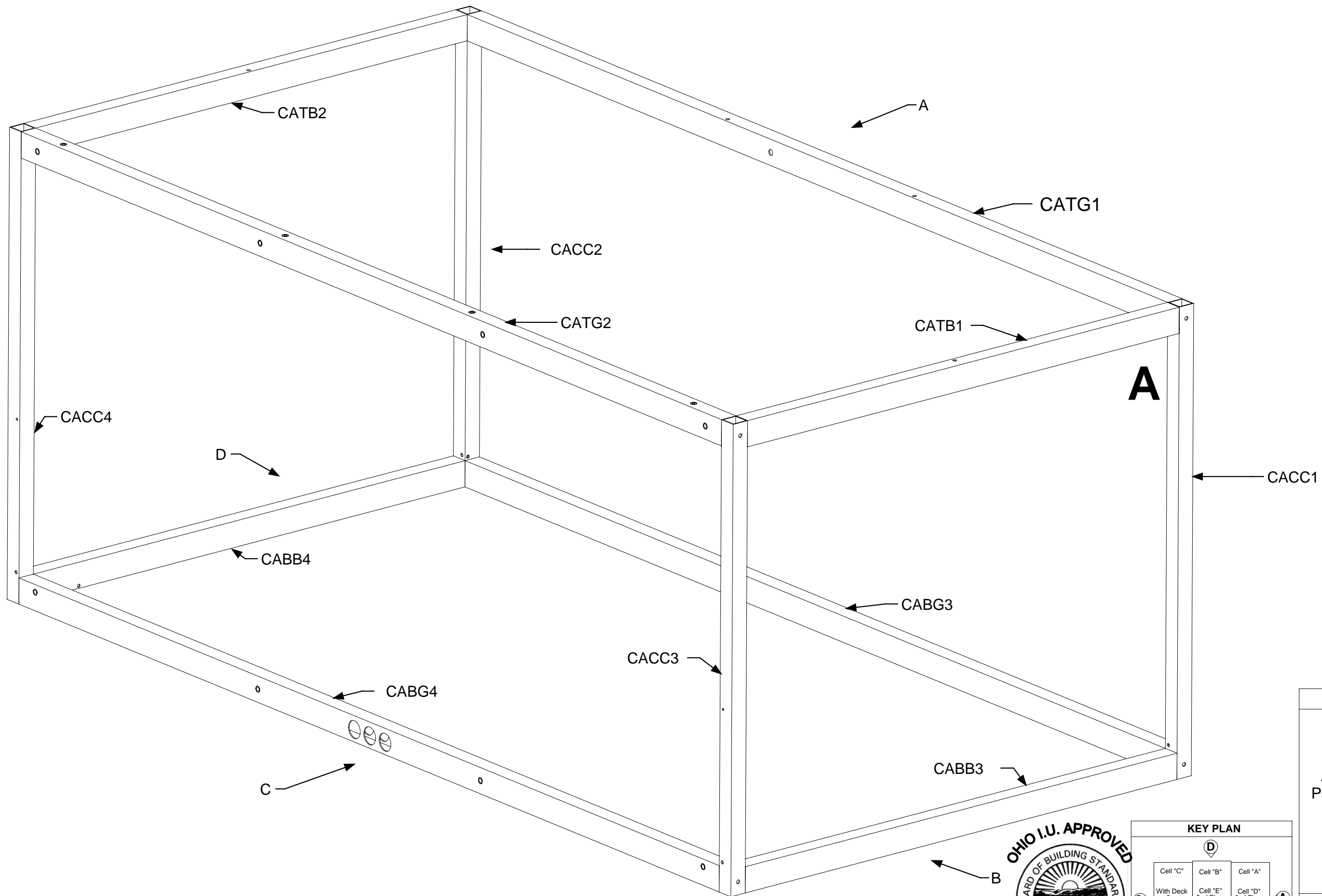
DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
Sub-assembly
identification
Exploded view

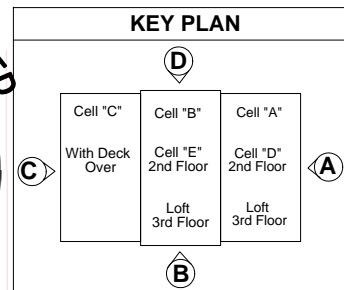
MODEL(S): Hartford

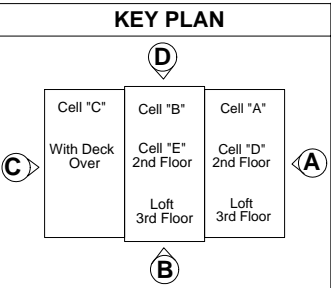
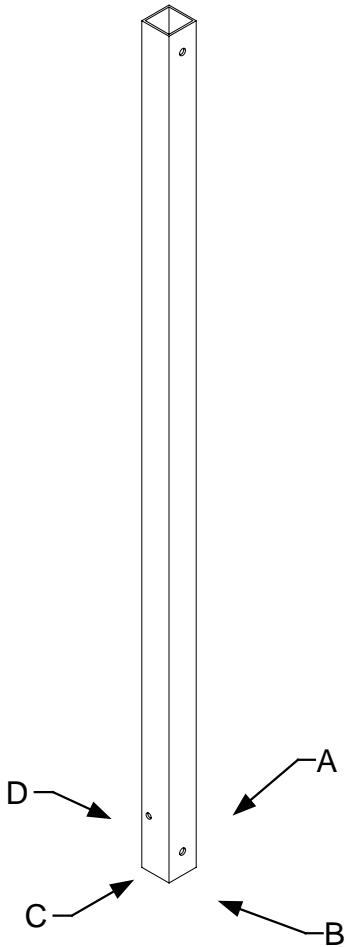
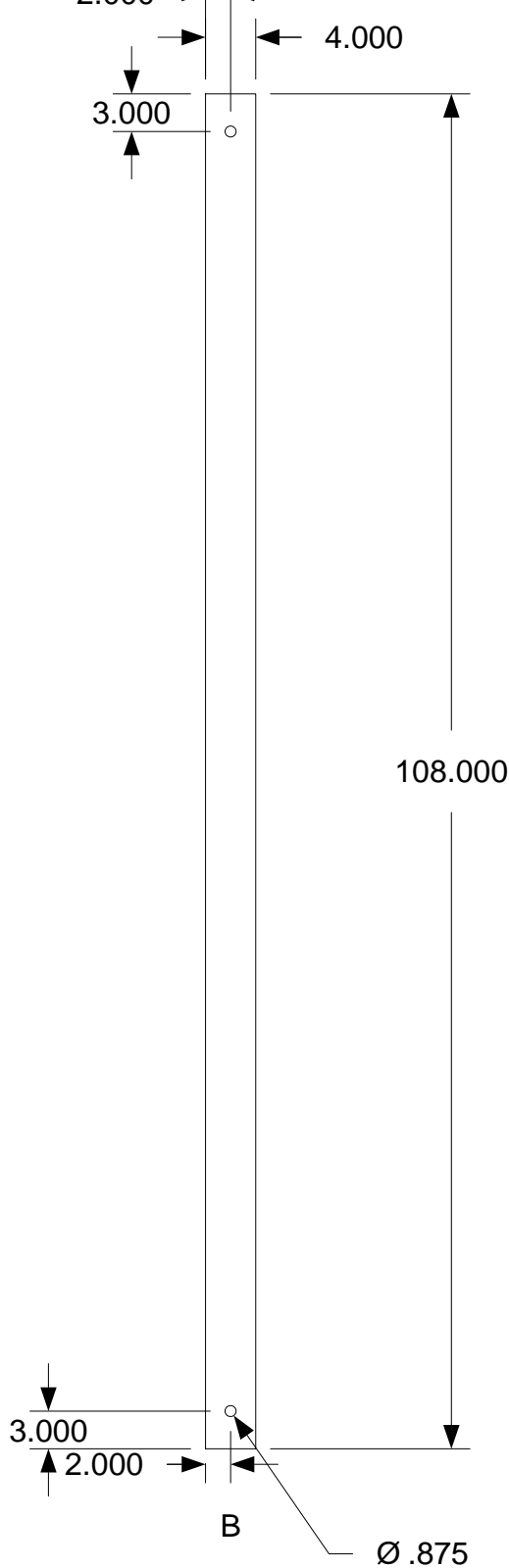
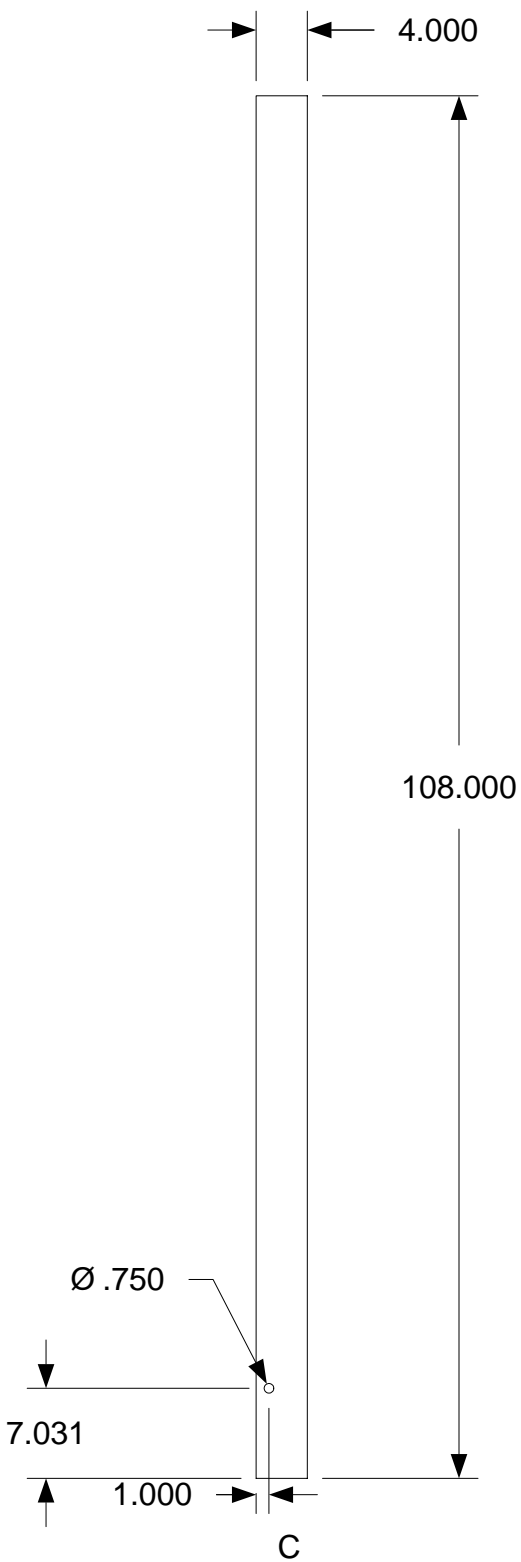
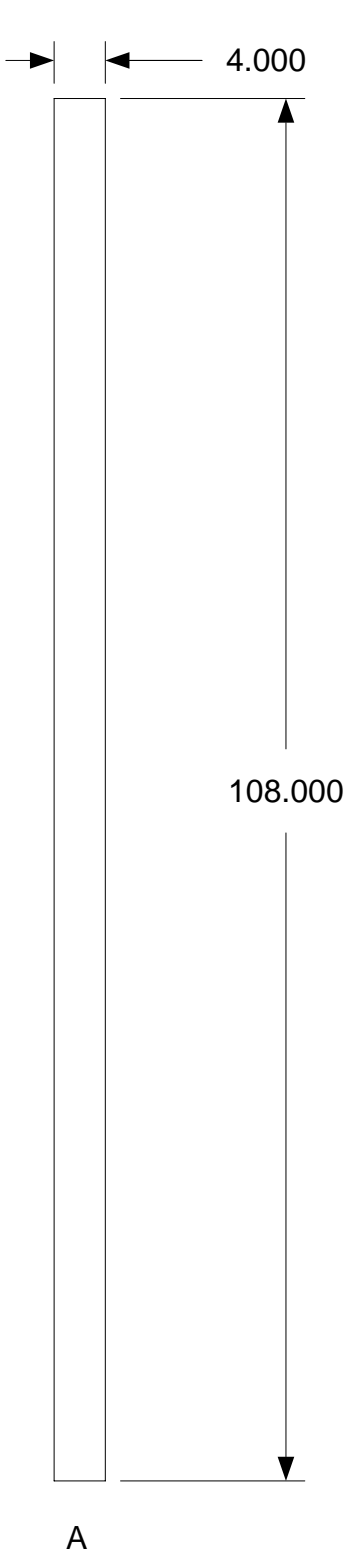
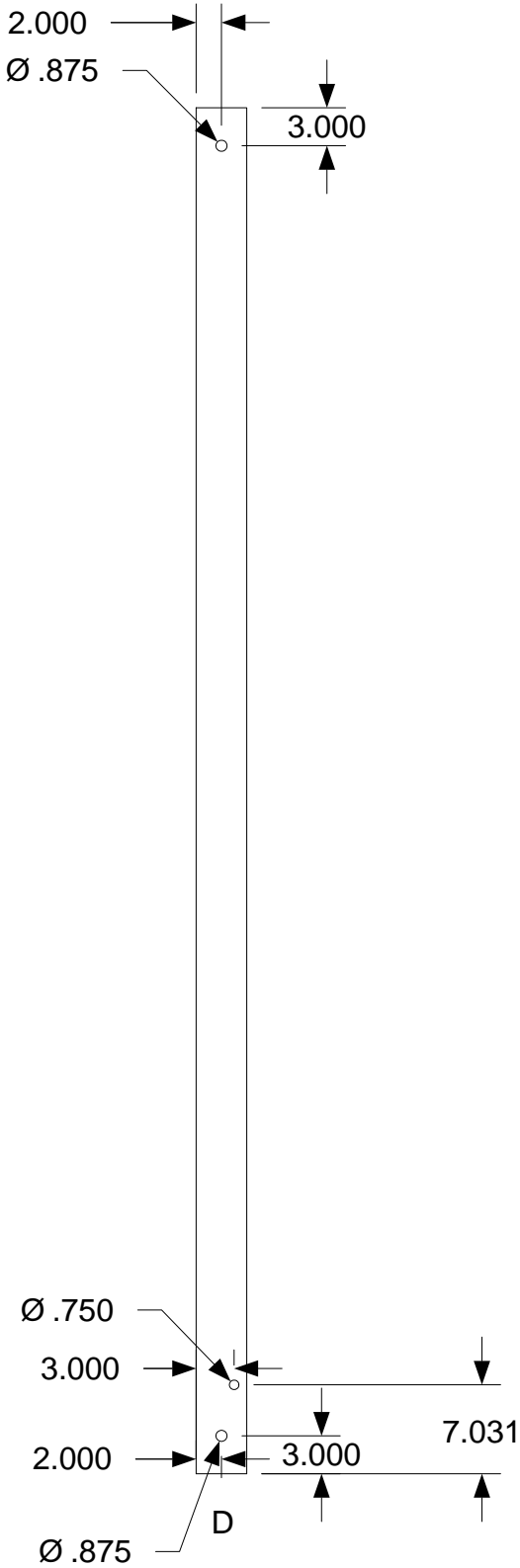
PAGE 41



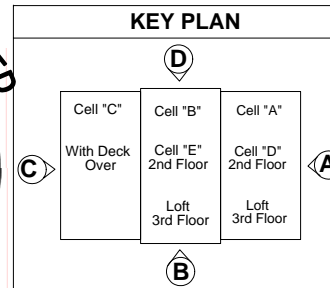
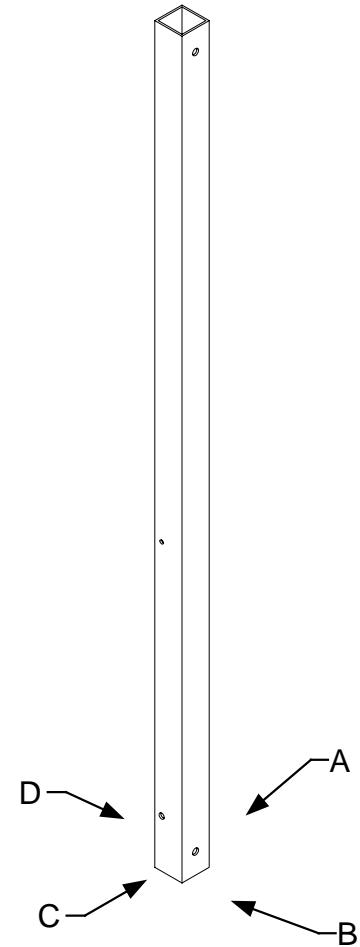
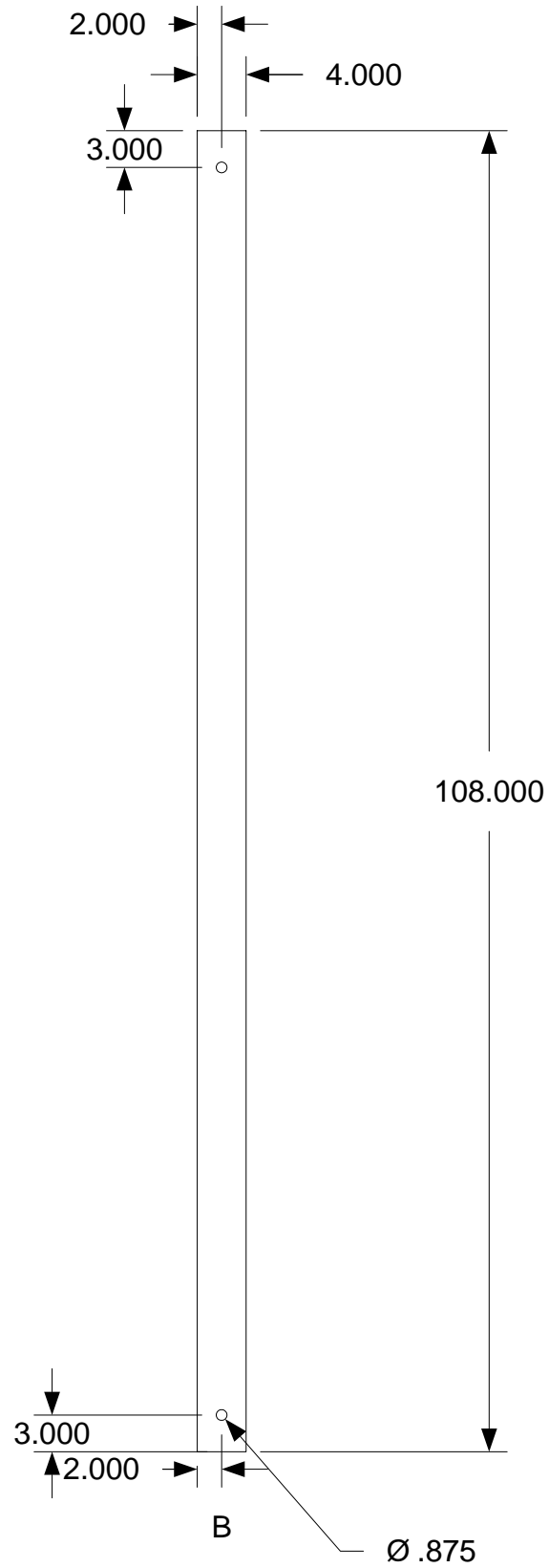
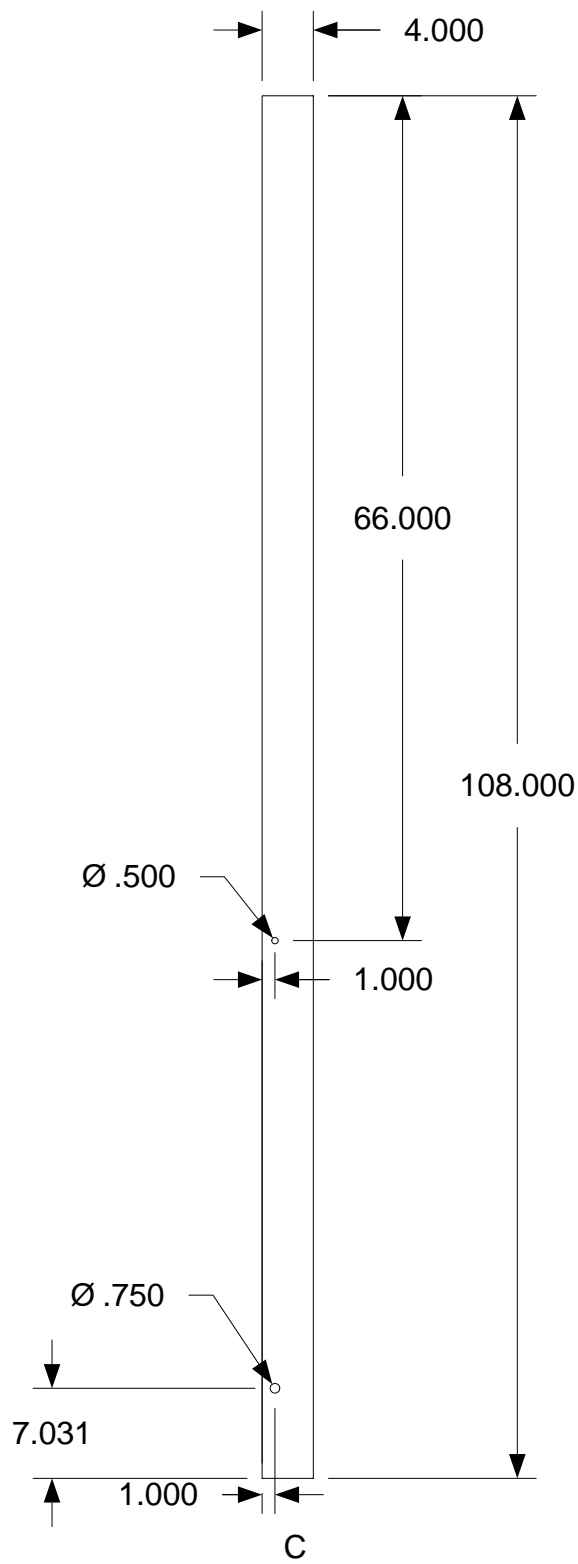
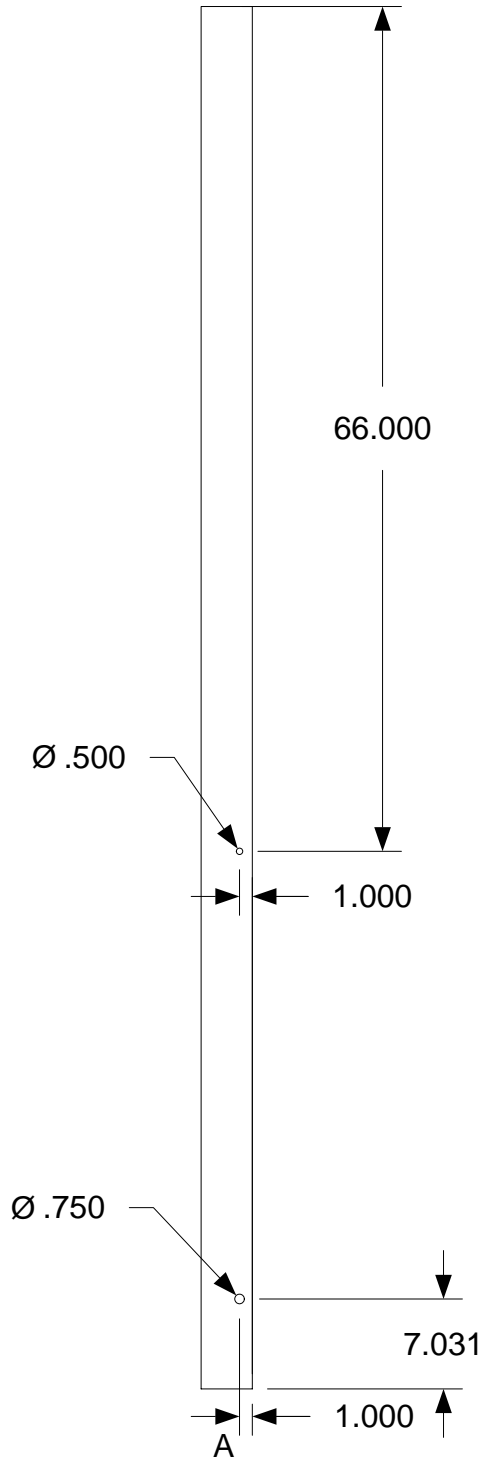
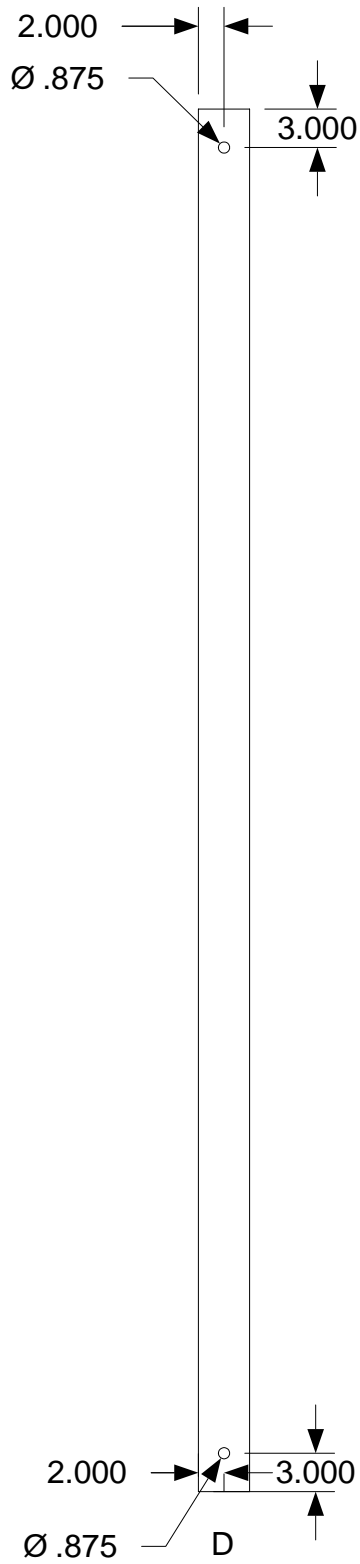


DRAWING	
Manufacturing Cell A View B & C Assembly-Cell Part Identification	
MODEL(S): Hartford	
PAGE 42	





DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Corner Column CACC1	
MODEL(S): Hartford	
PAGE 43A	

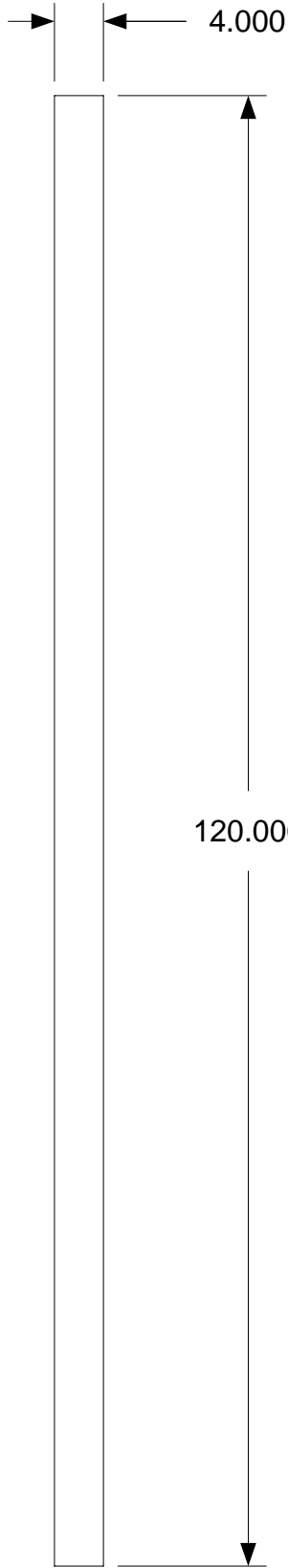


DRAWING

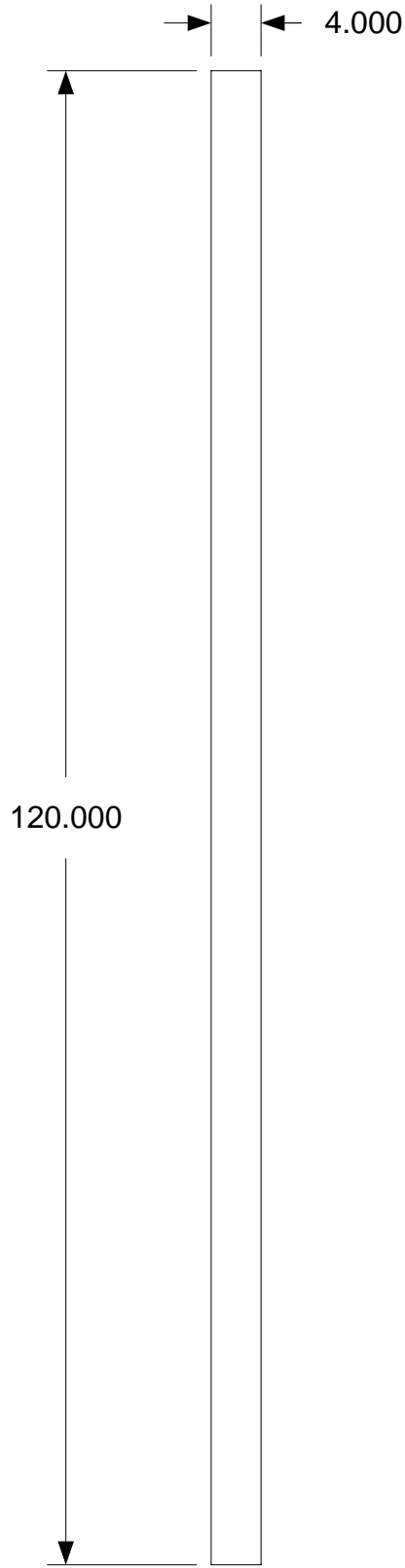
Manufacturing
Cell A
View Drafting
Assembly-Cell
Corner Column
CACC3

MODEL(S): Hartford

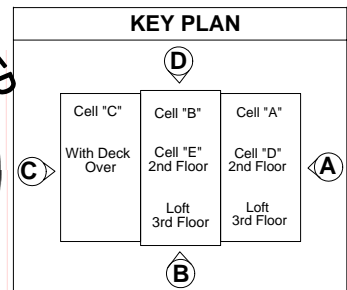
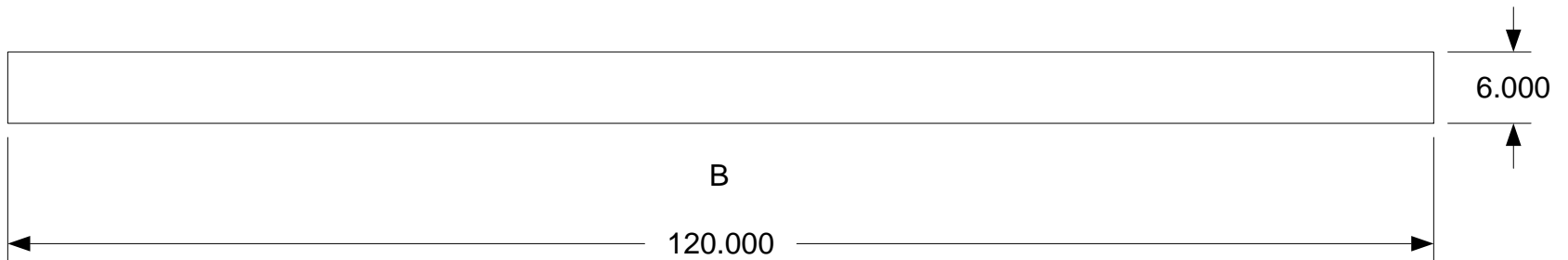
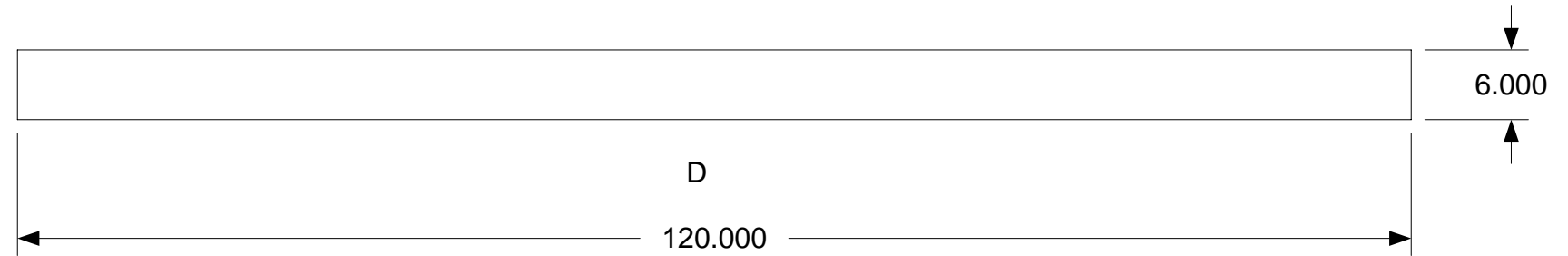
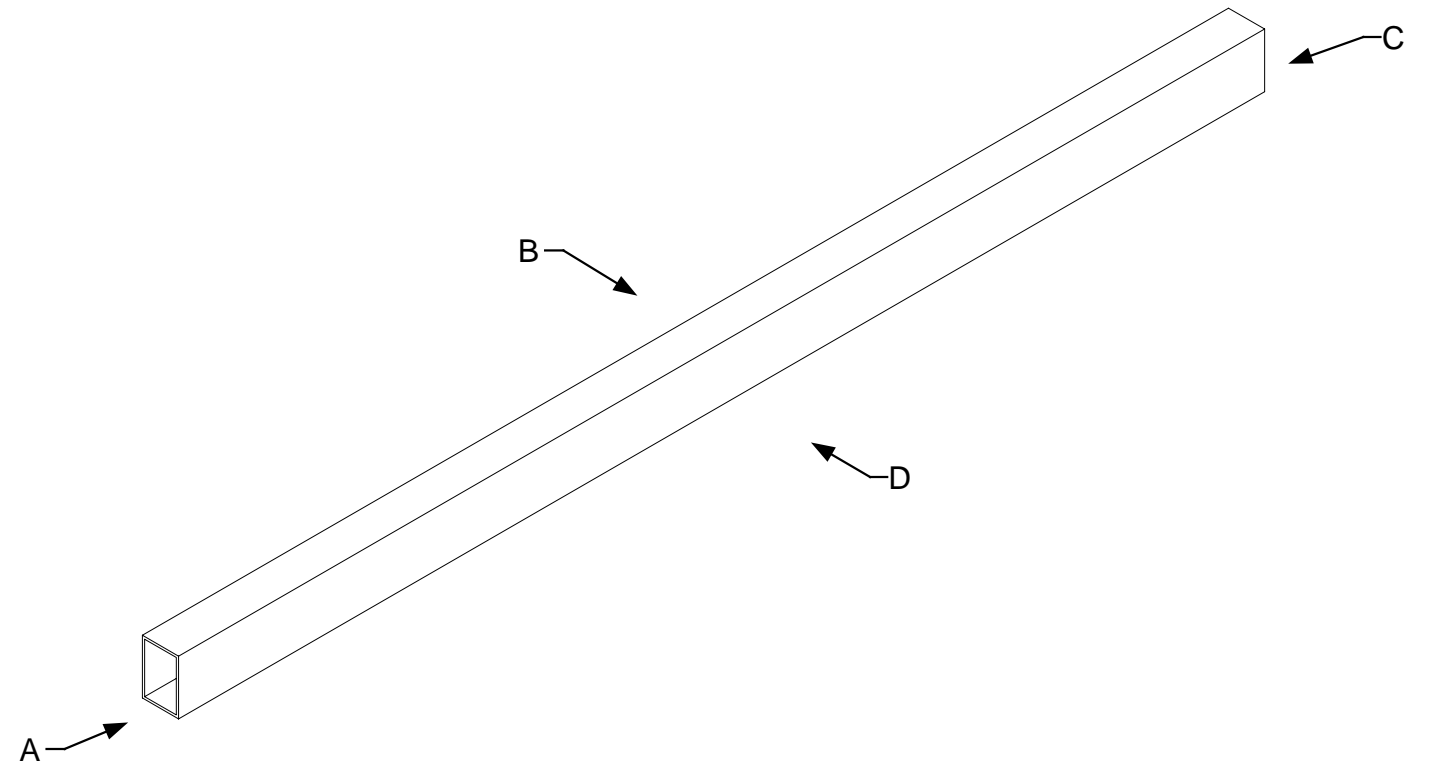
PAGE 43B



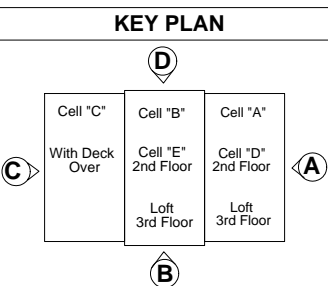
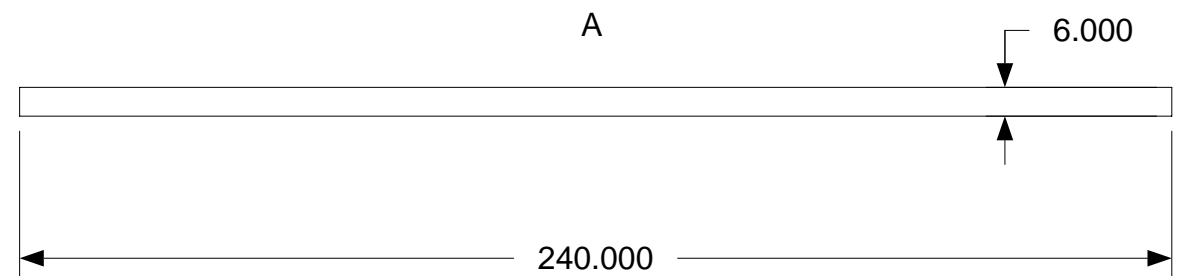
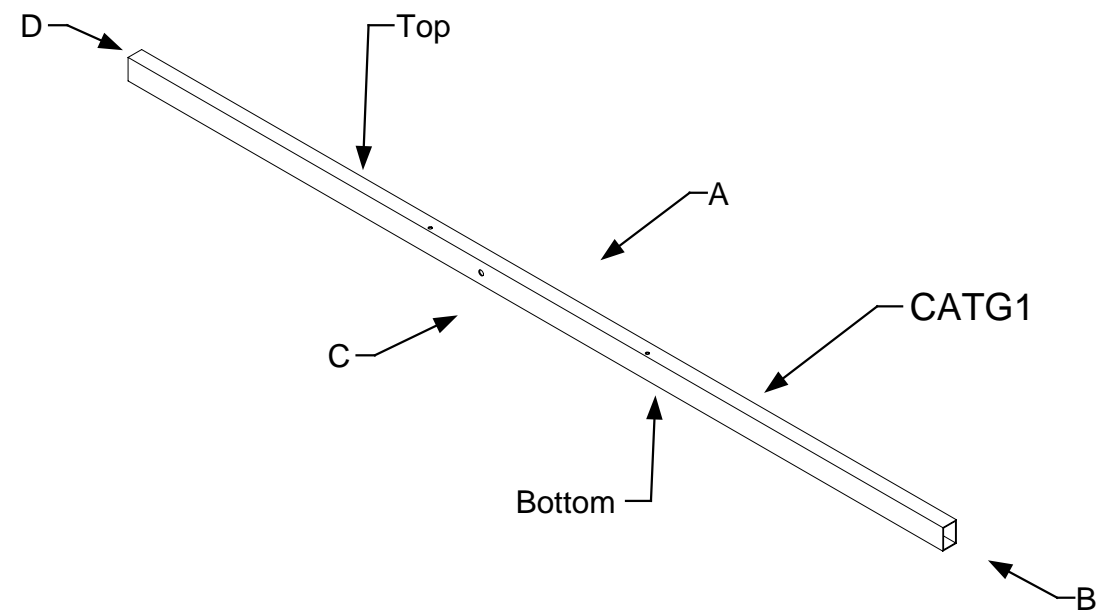
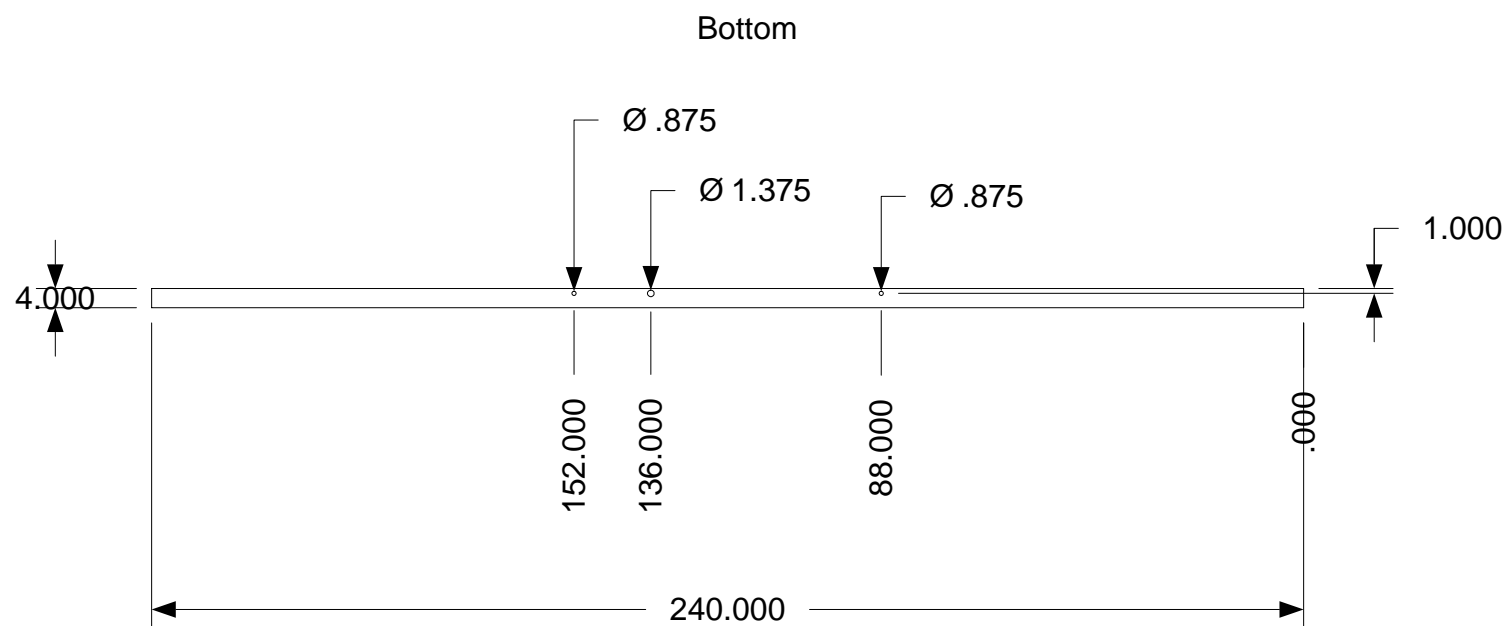
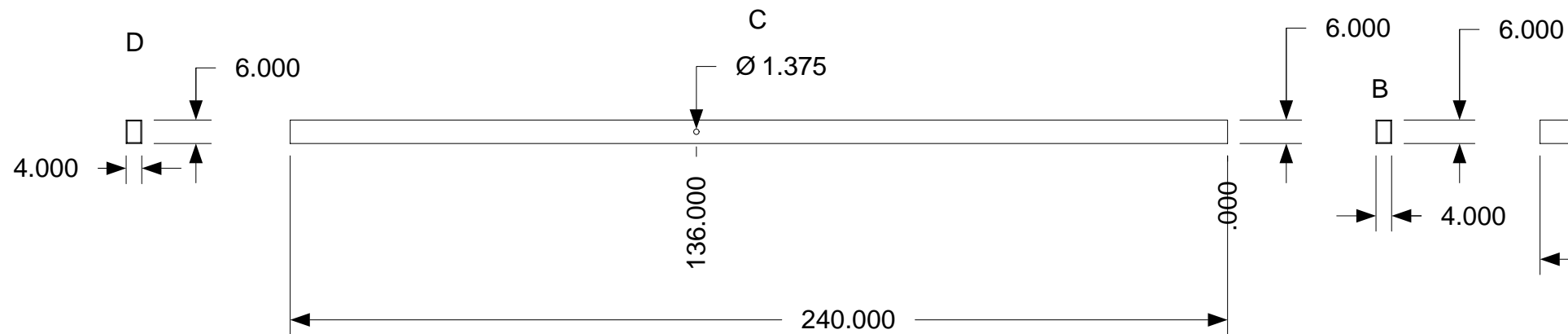
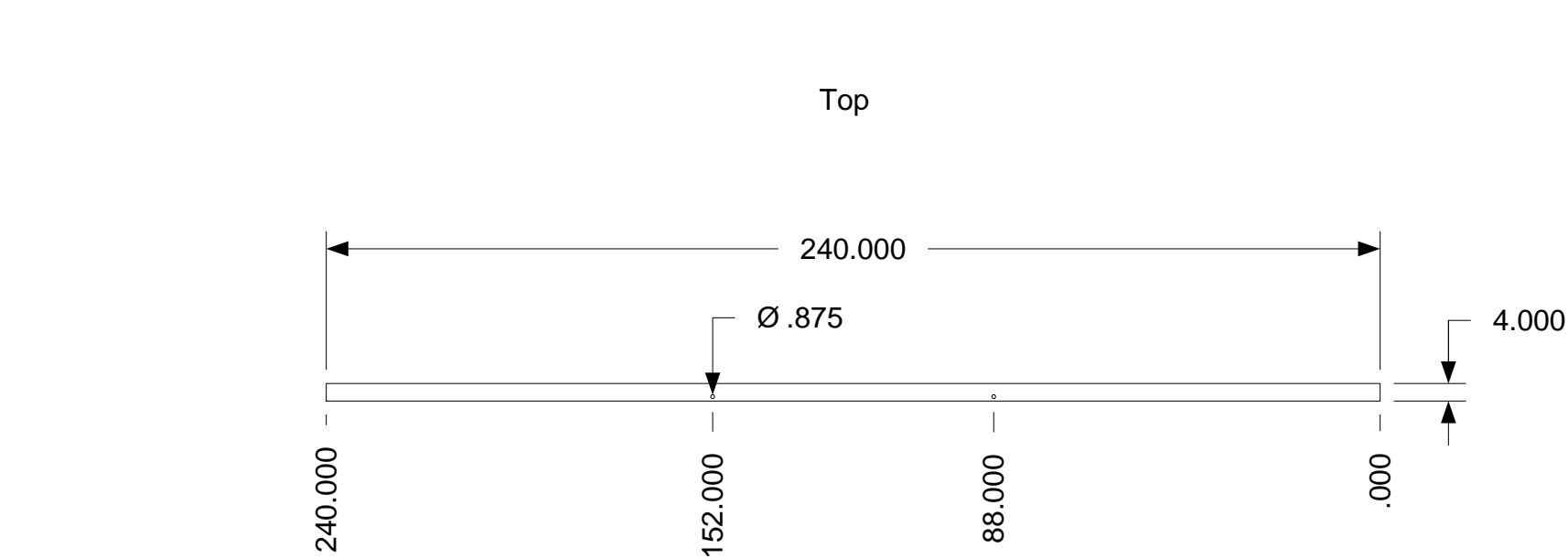
Bottom



Top

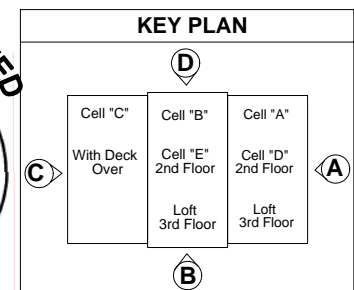
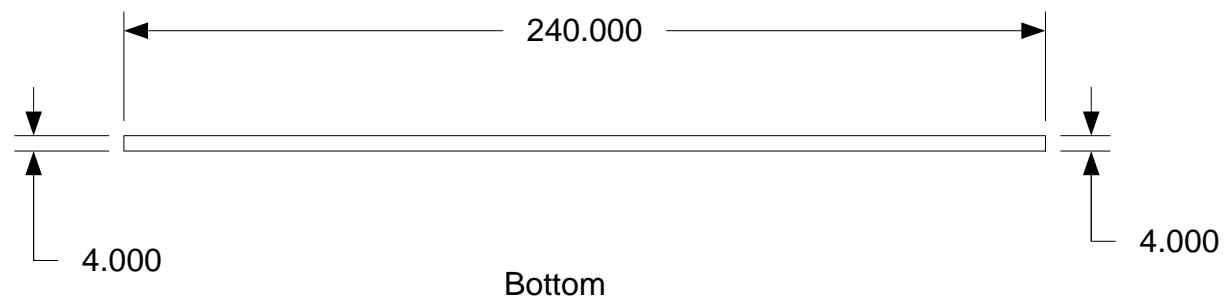
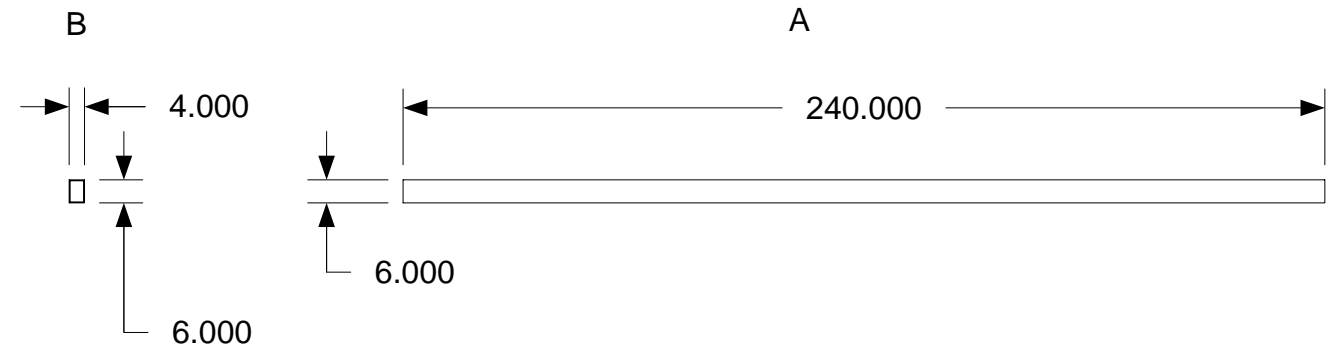
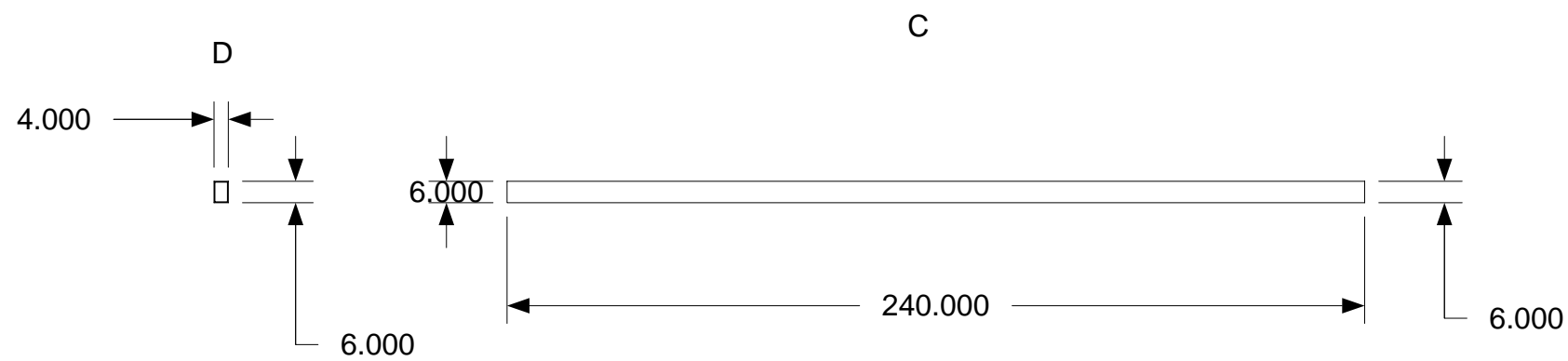
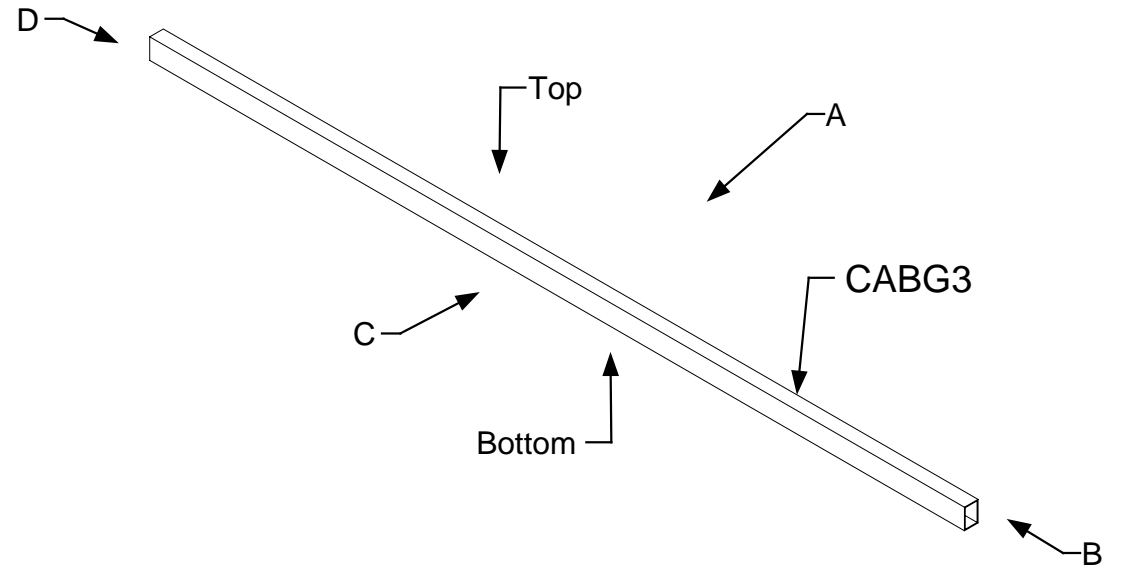
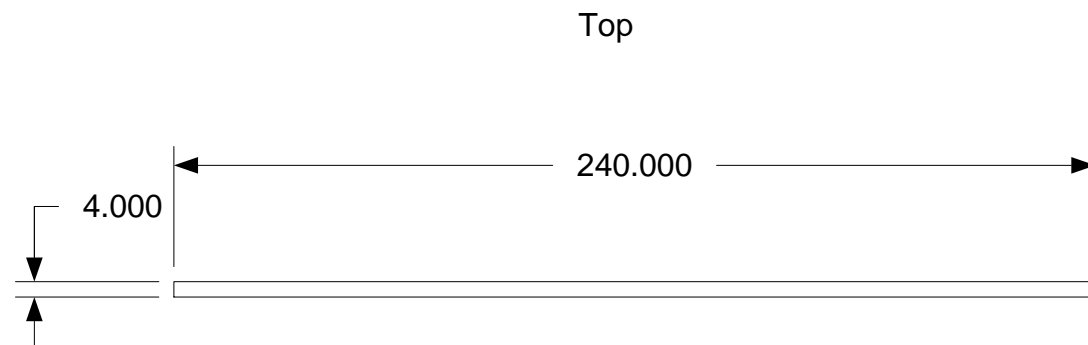


DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Bottom Beam CABB3	
MODEL(S): Hartford	
PAGE 43C	

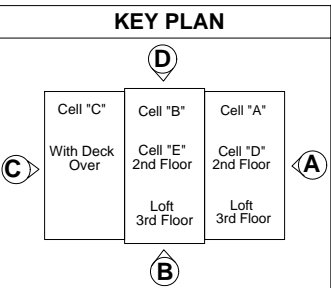
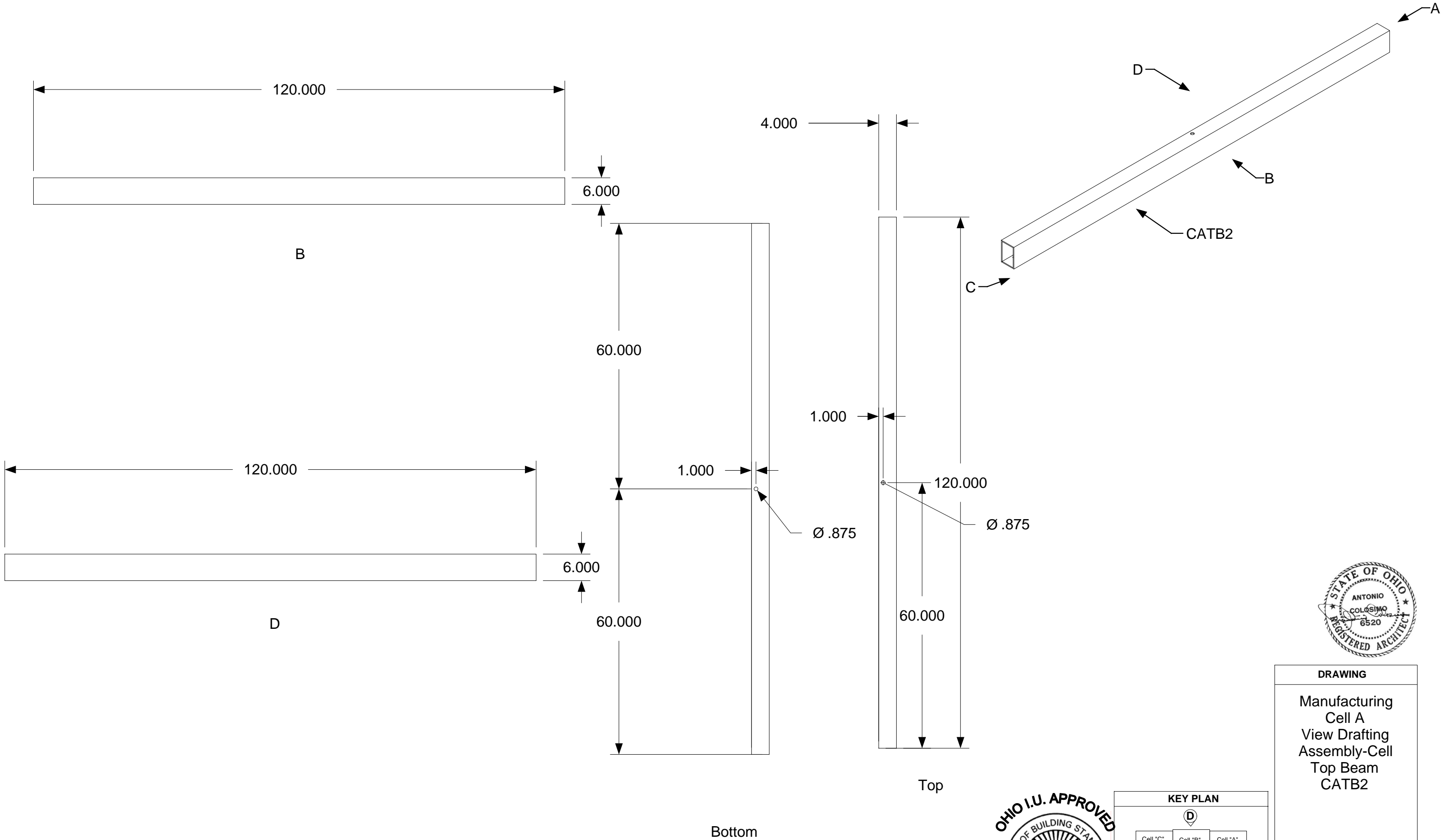


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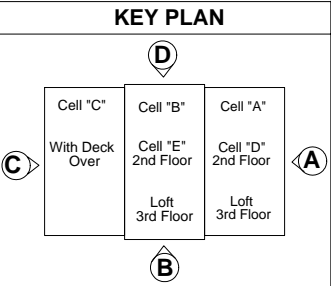
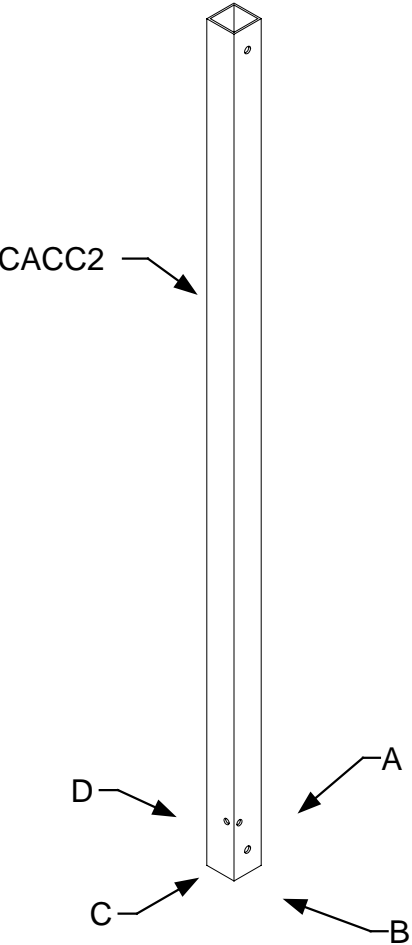
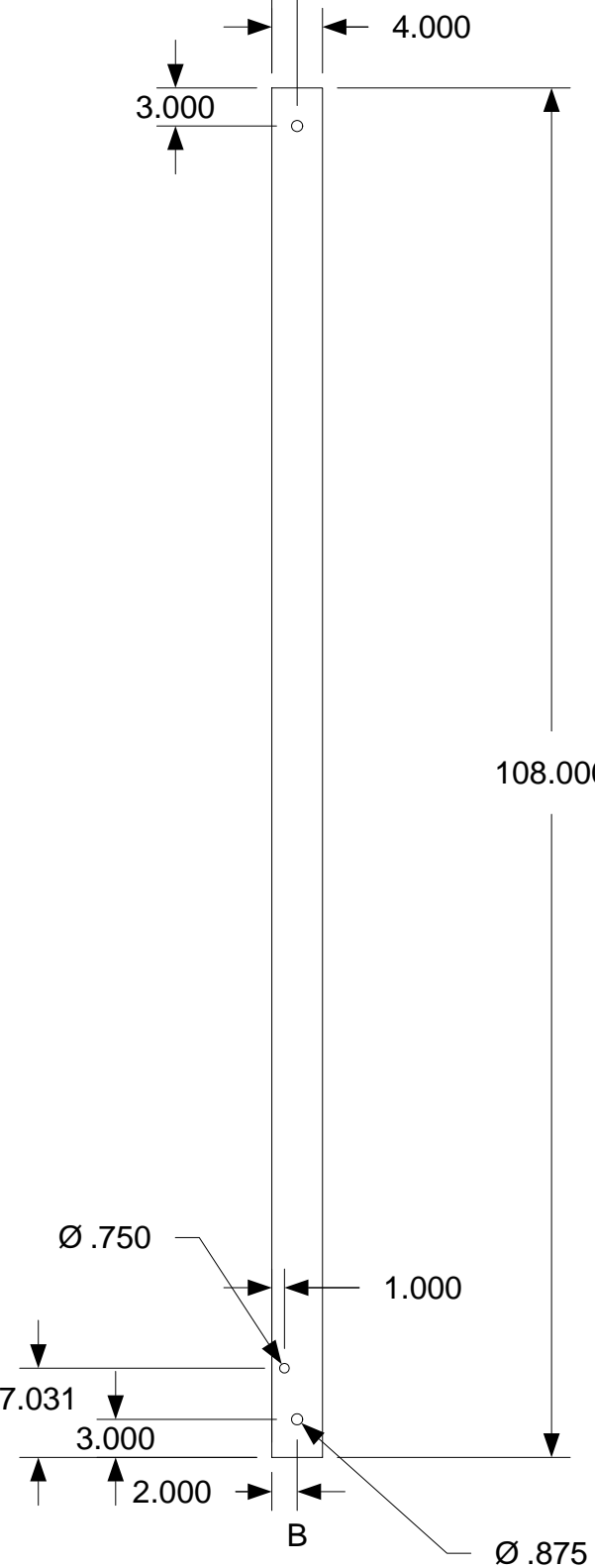
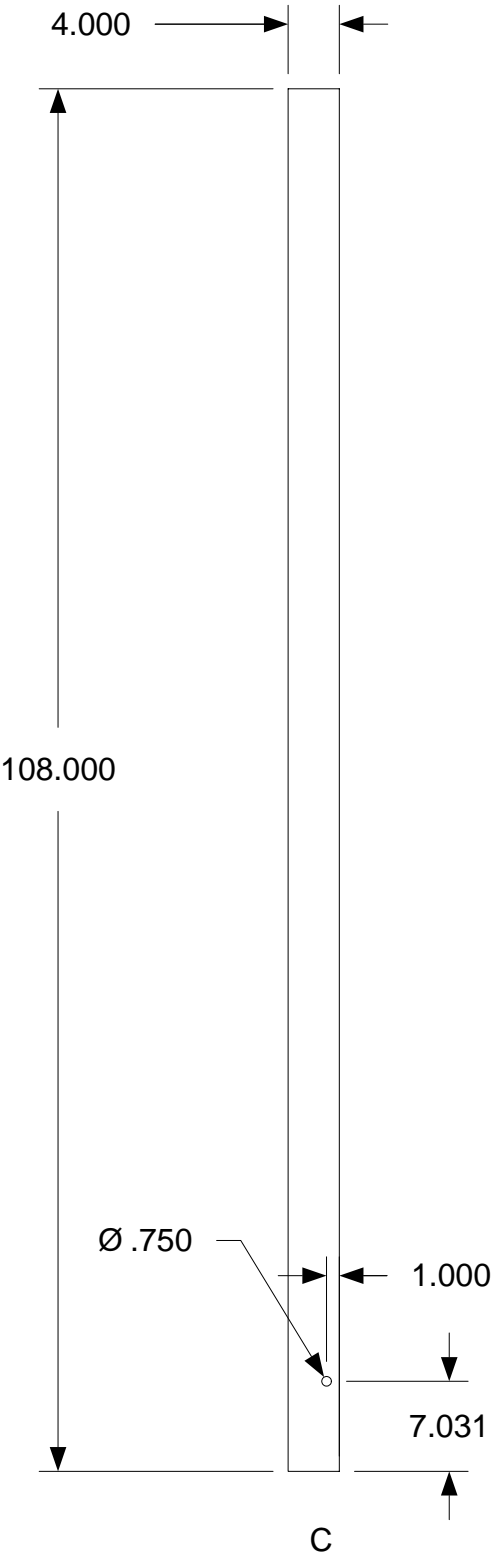
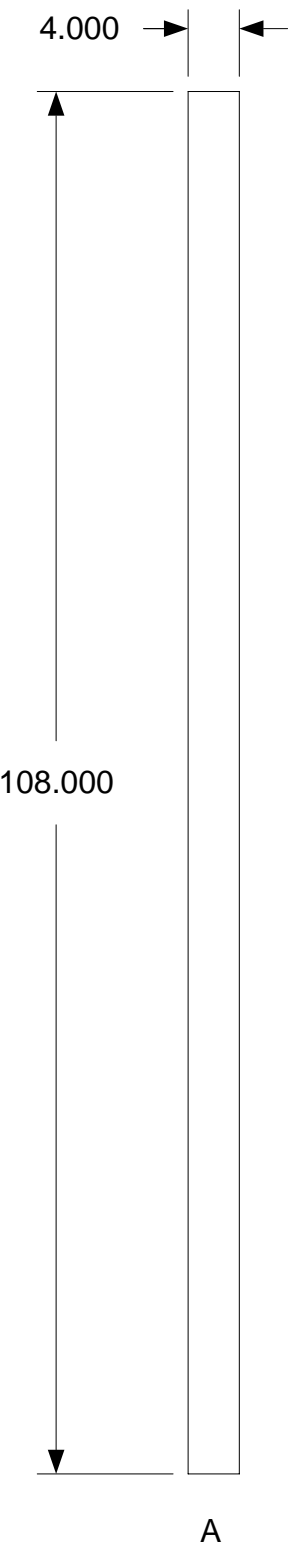
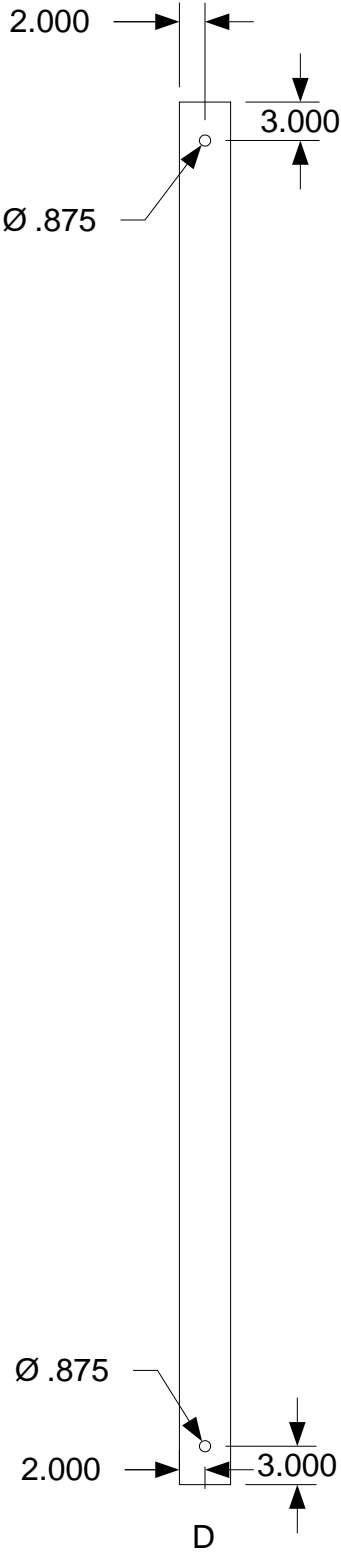
DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Top Girder CATG1
MODEL(S): Hartford
PAGE 44



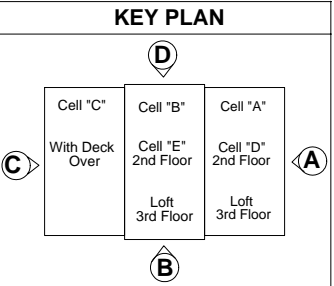
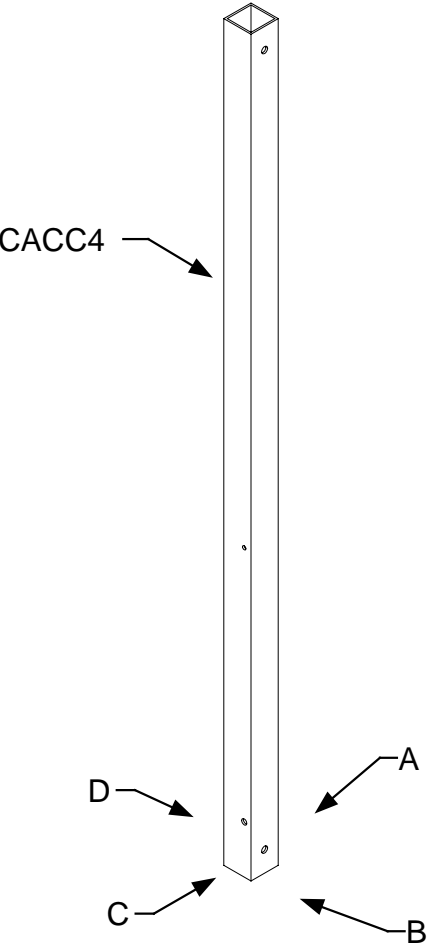
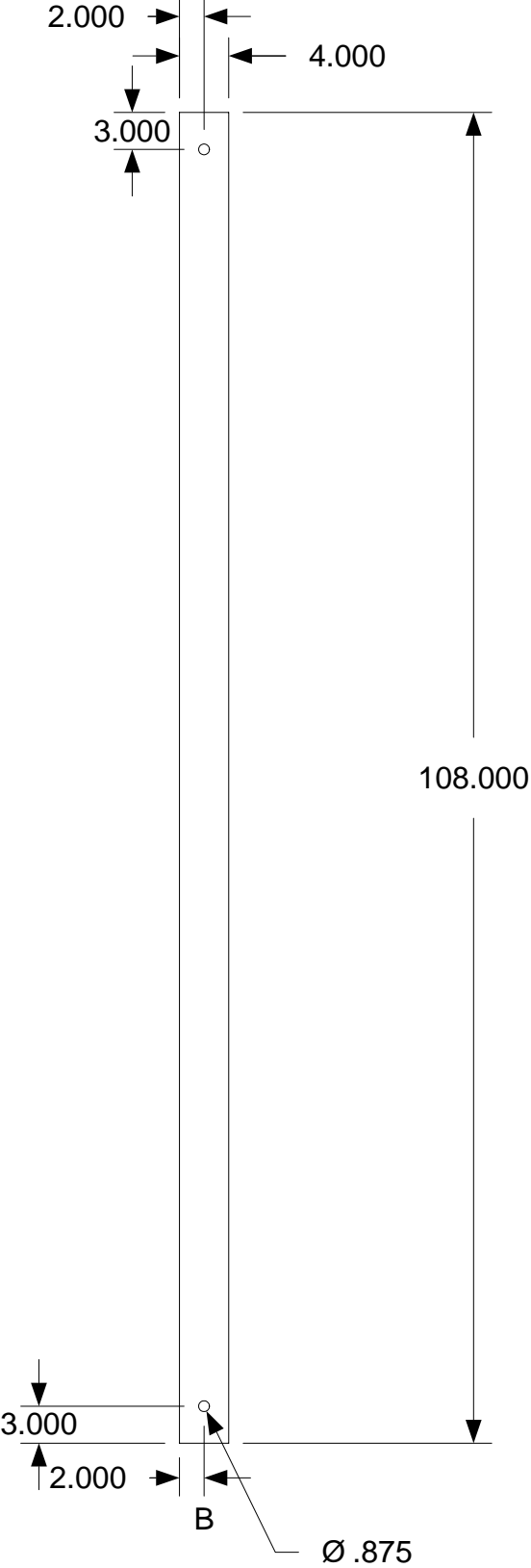
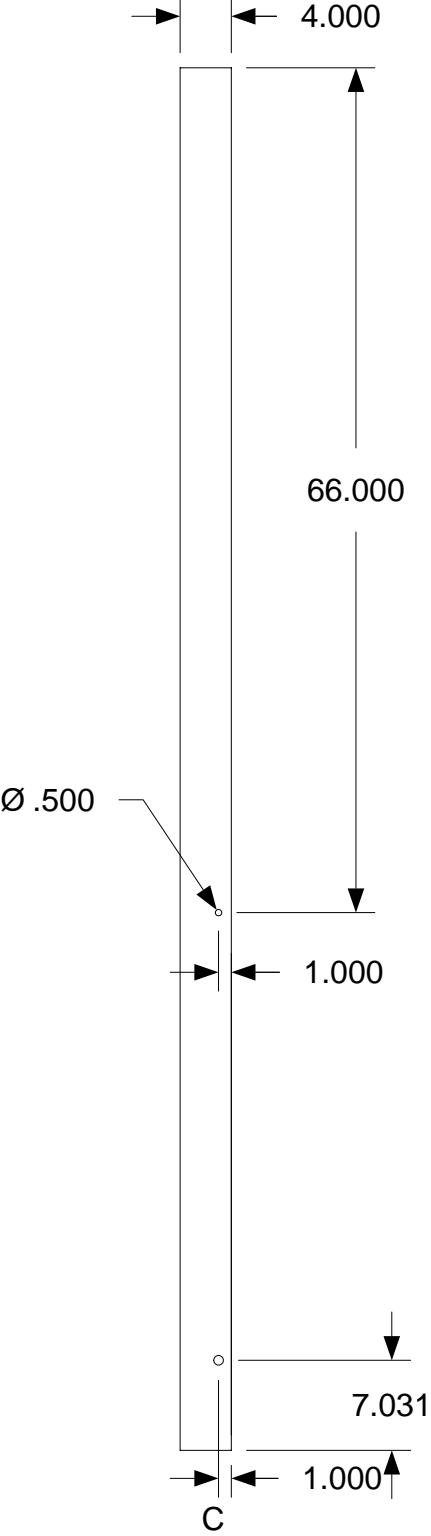
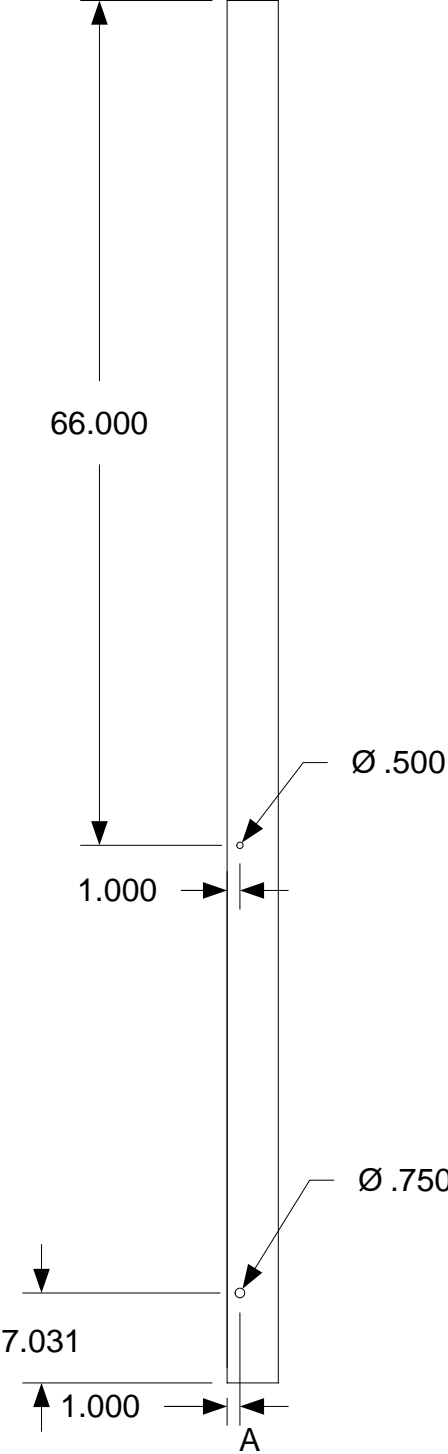
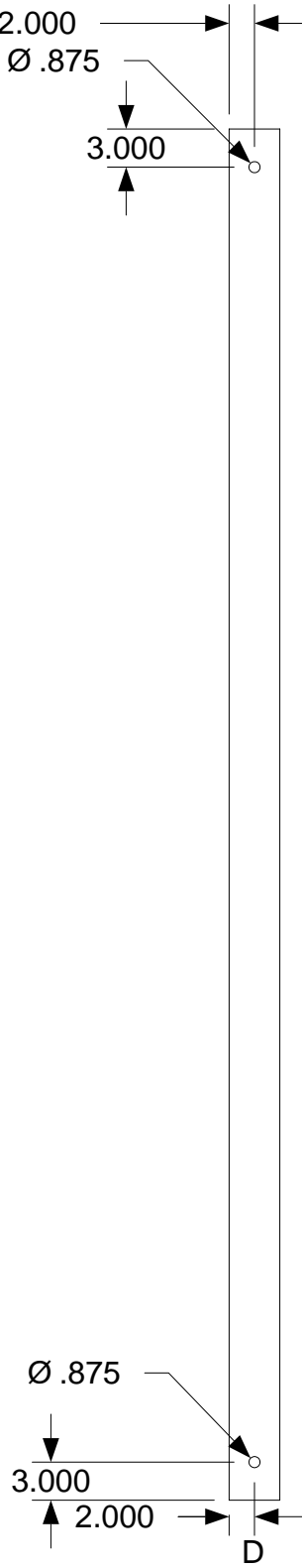
DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Bottom Girder CABG3	
MODEL(S): Hartford	
PAGE 44A	



DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Top Beam CATB2	
MODEL(S): Hartford	
PAGE 45	



DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Corner Column CACC2	
MODEL(S): Hartford	
PAGE 45A	

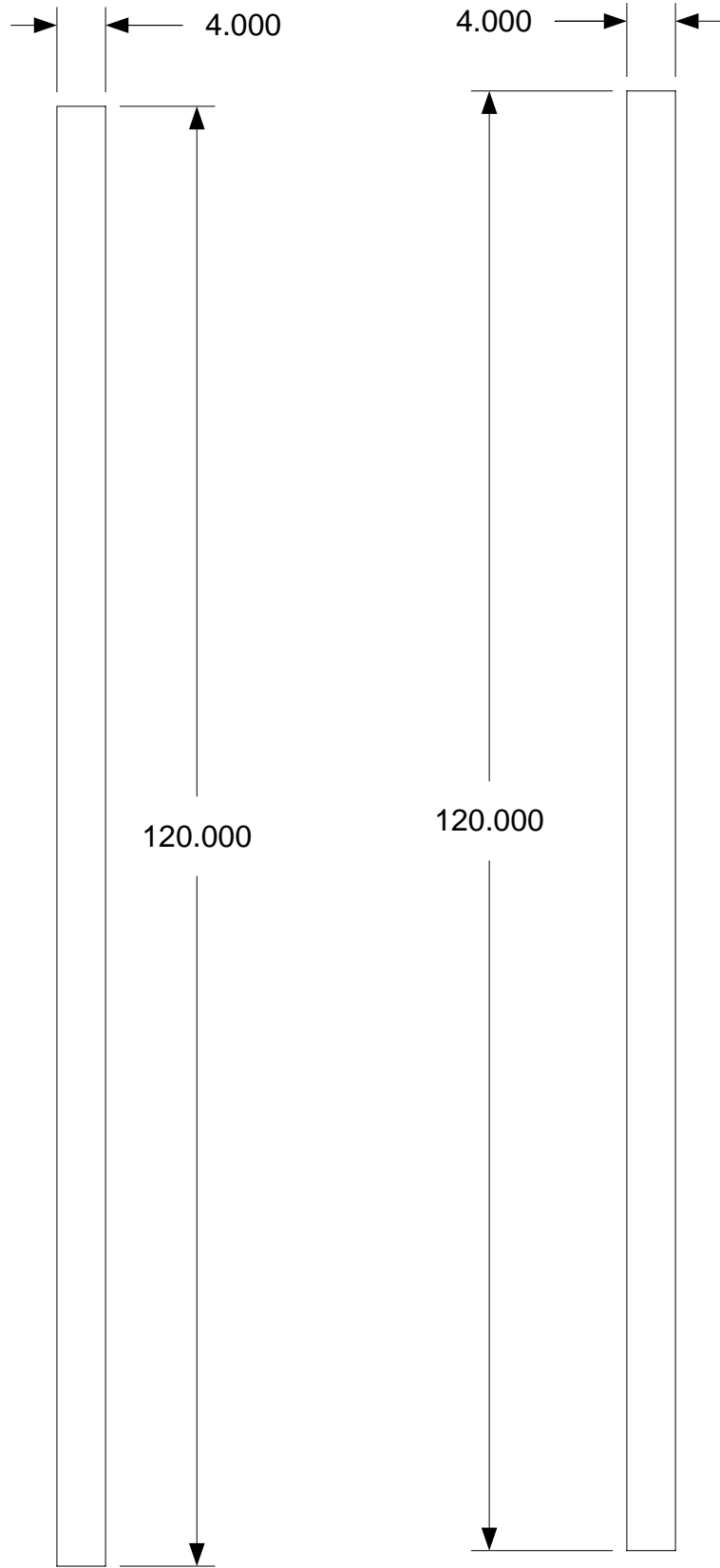


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Corner Column
CACC4

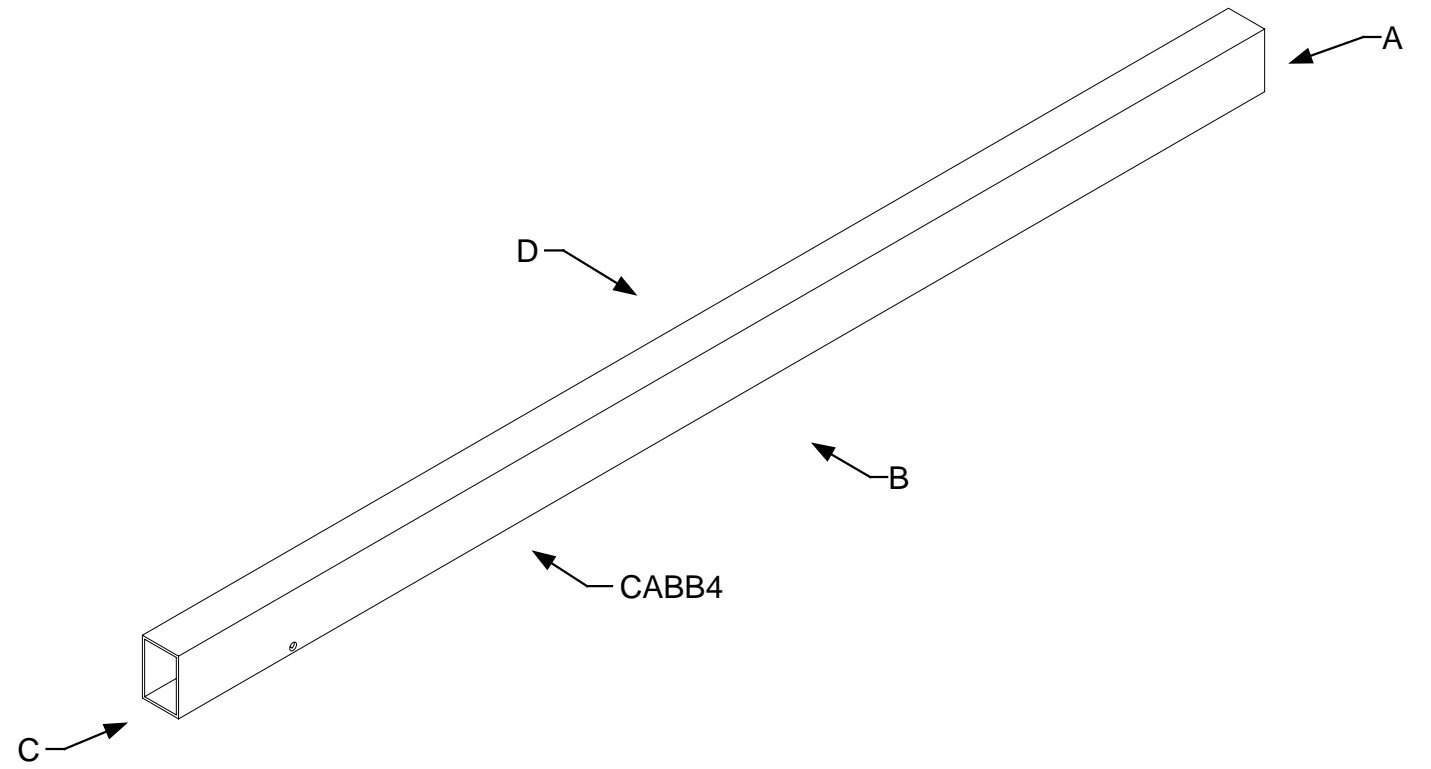
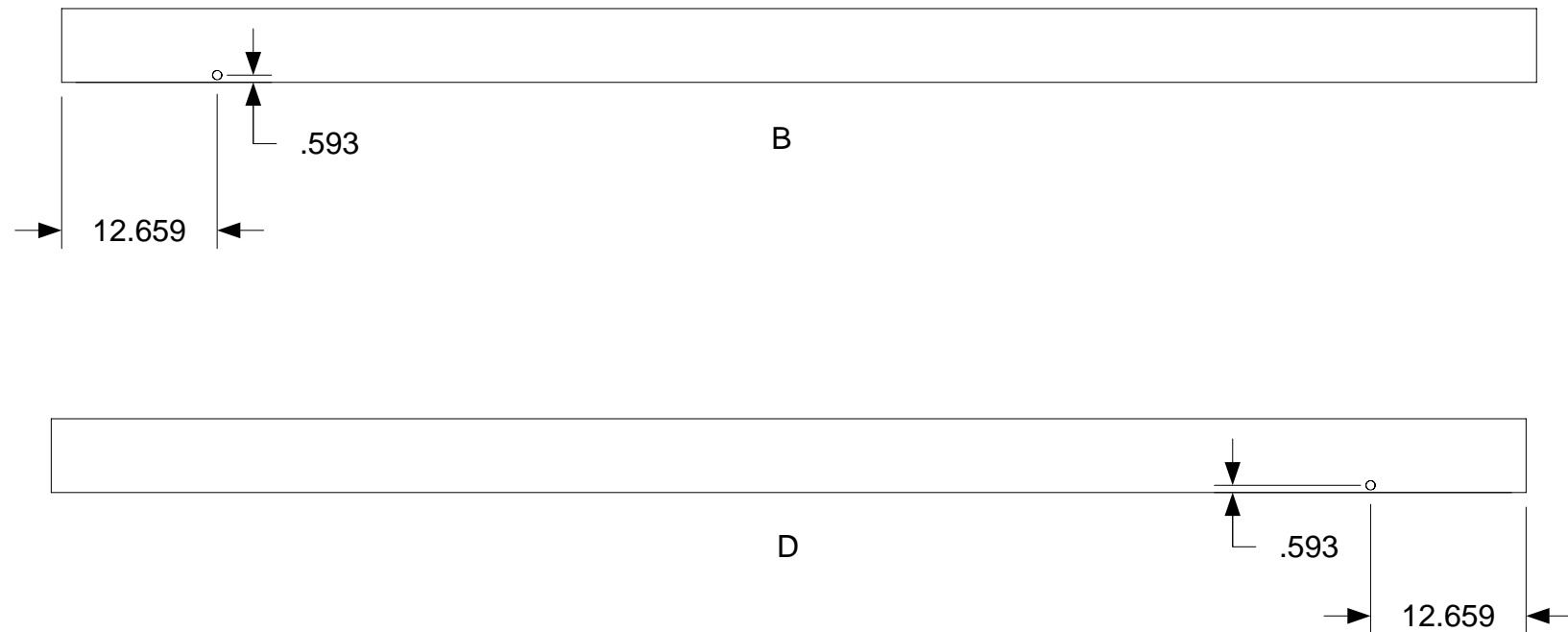
MODEL(S): Hartford

PAGE 45B

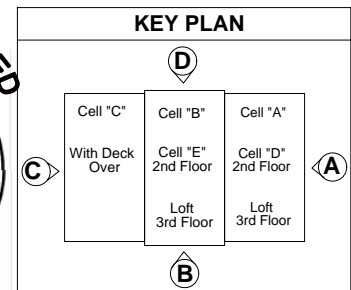


Bottom

Top



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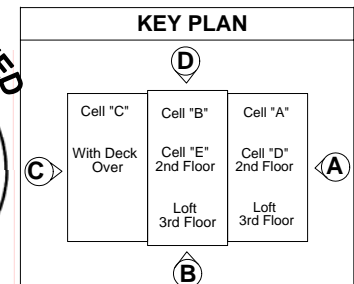
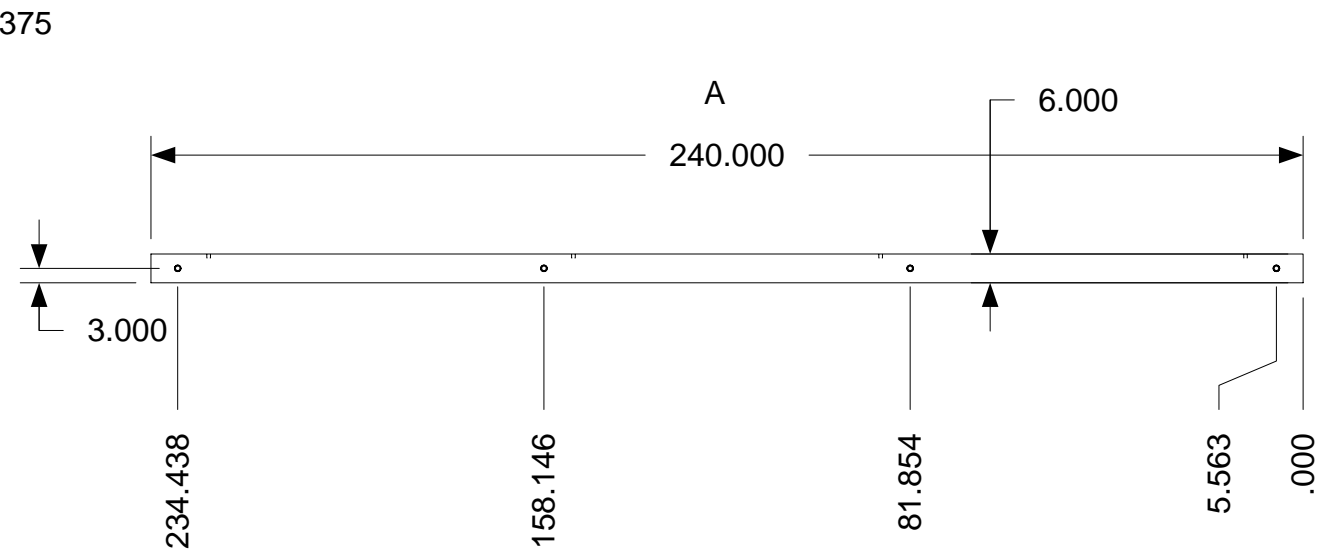
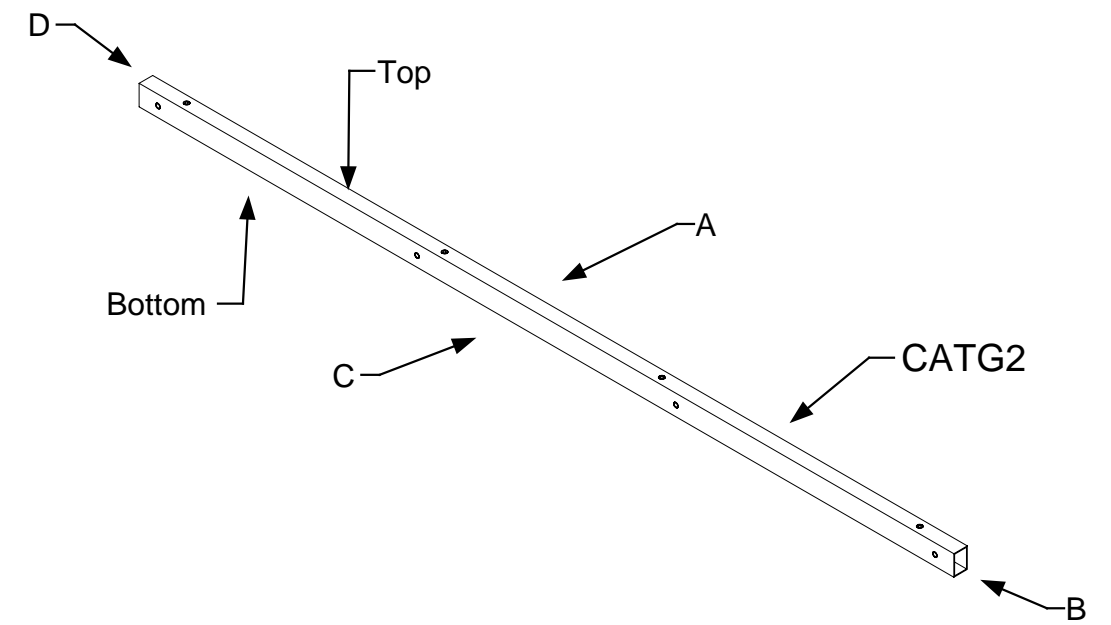
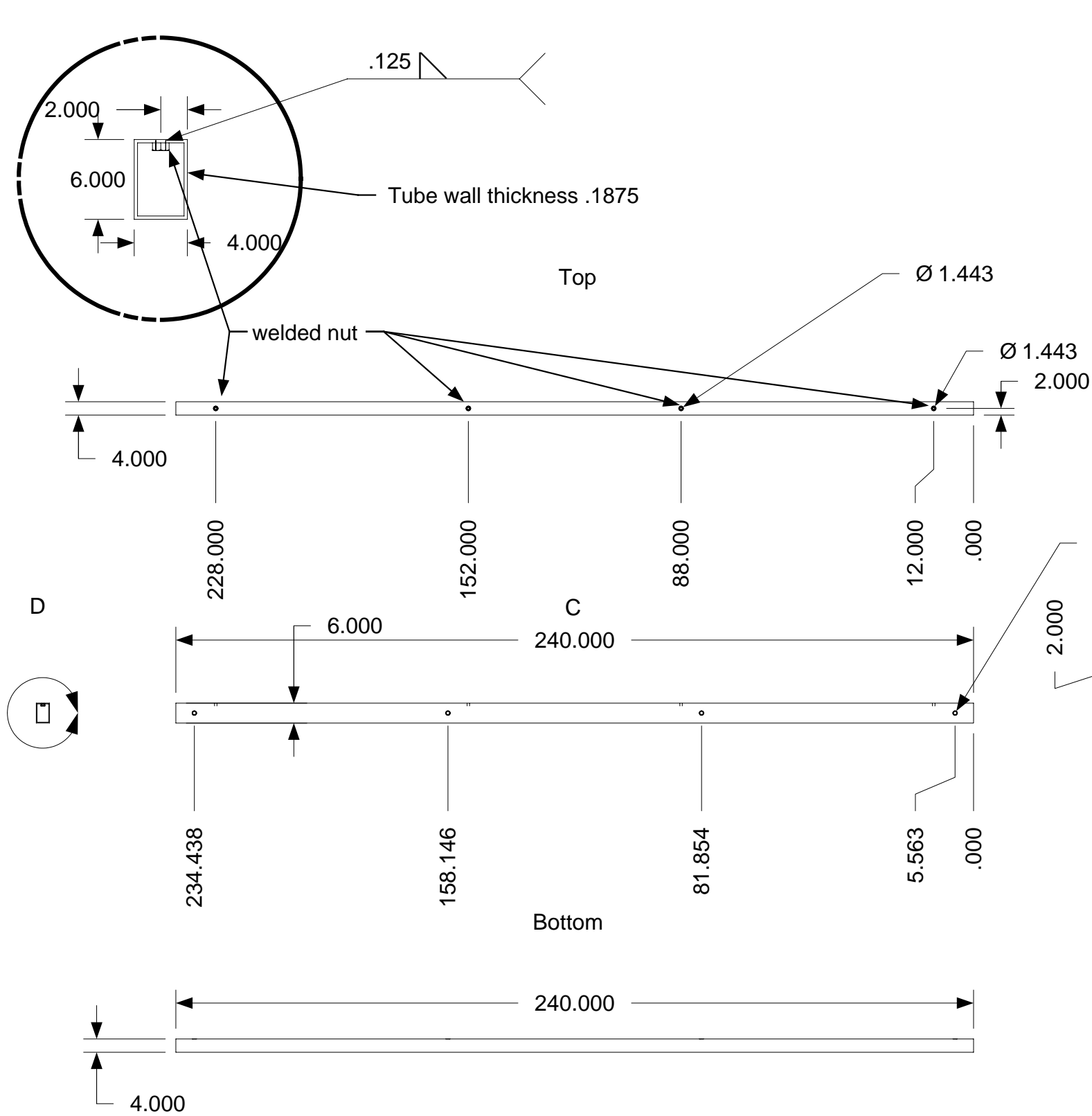


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Bottom Beam
CABB4

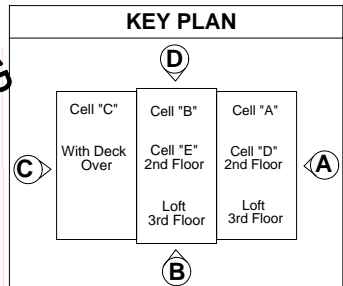
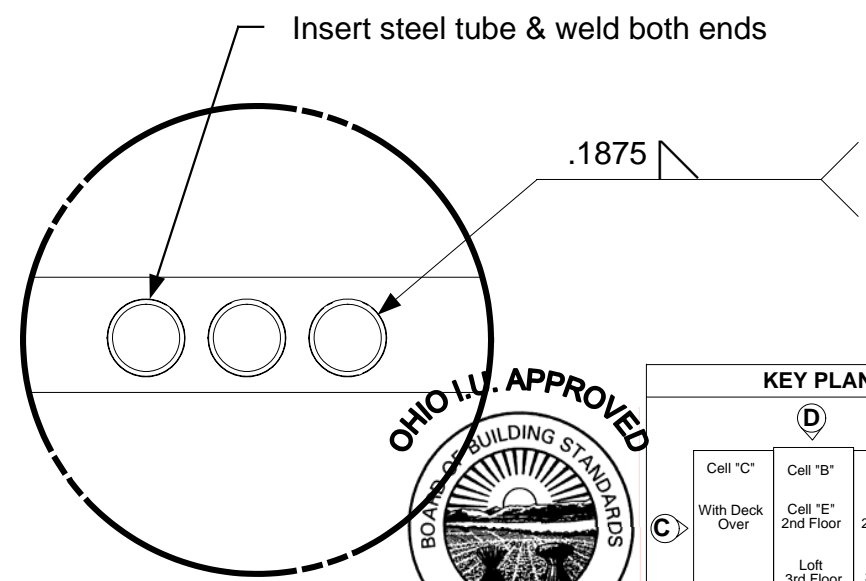
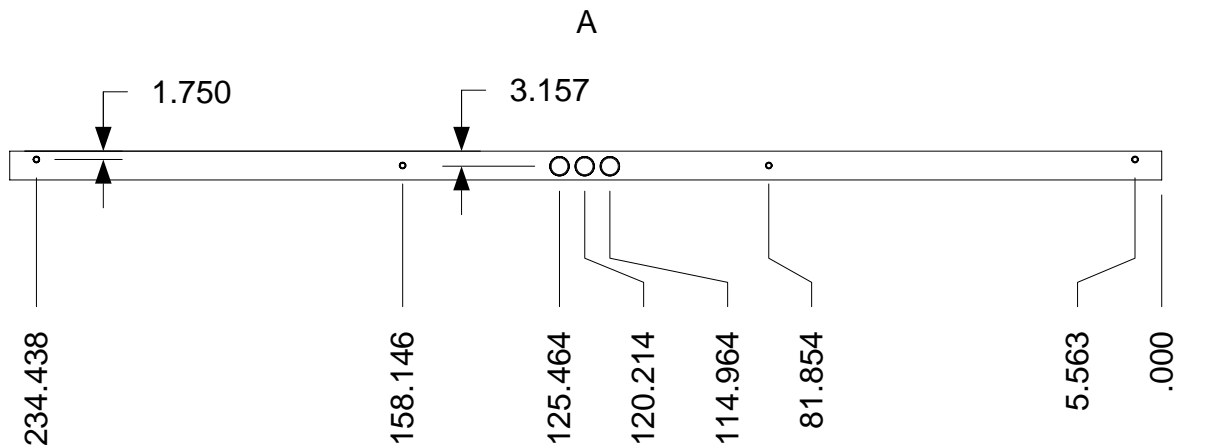
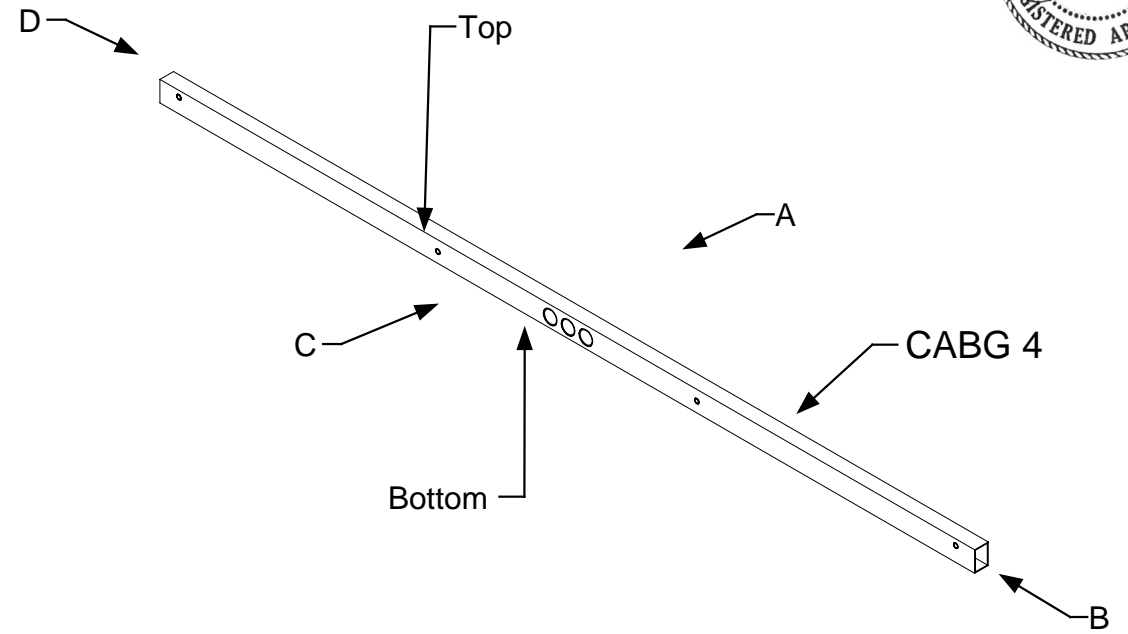
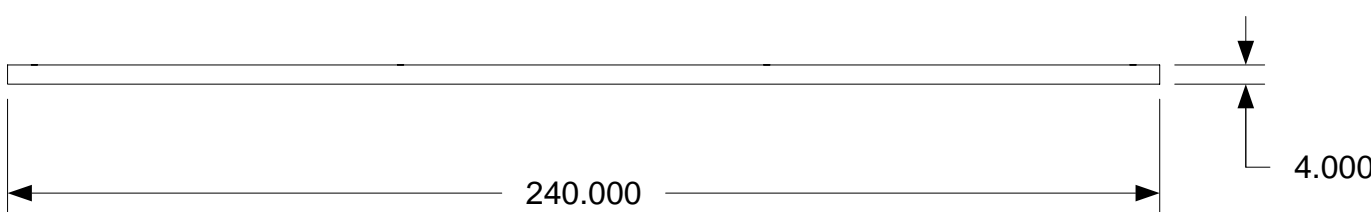
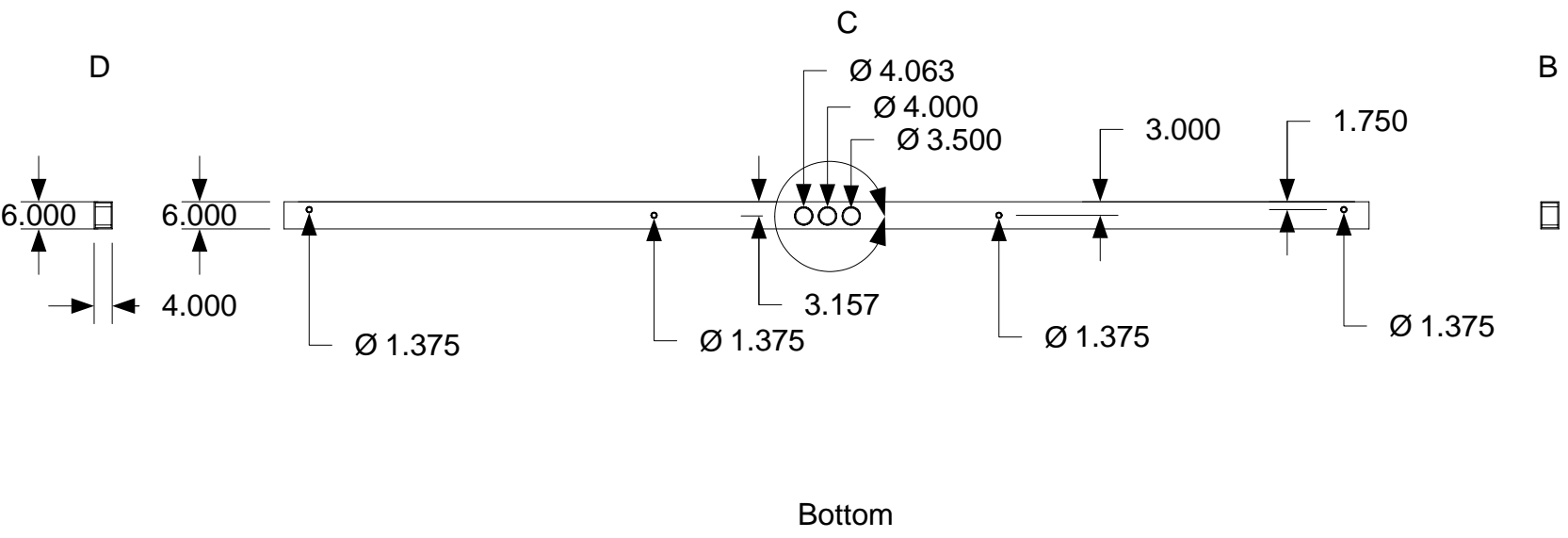
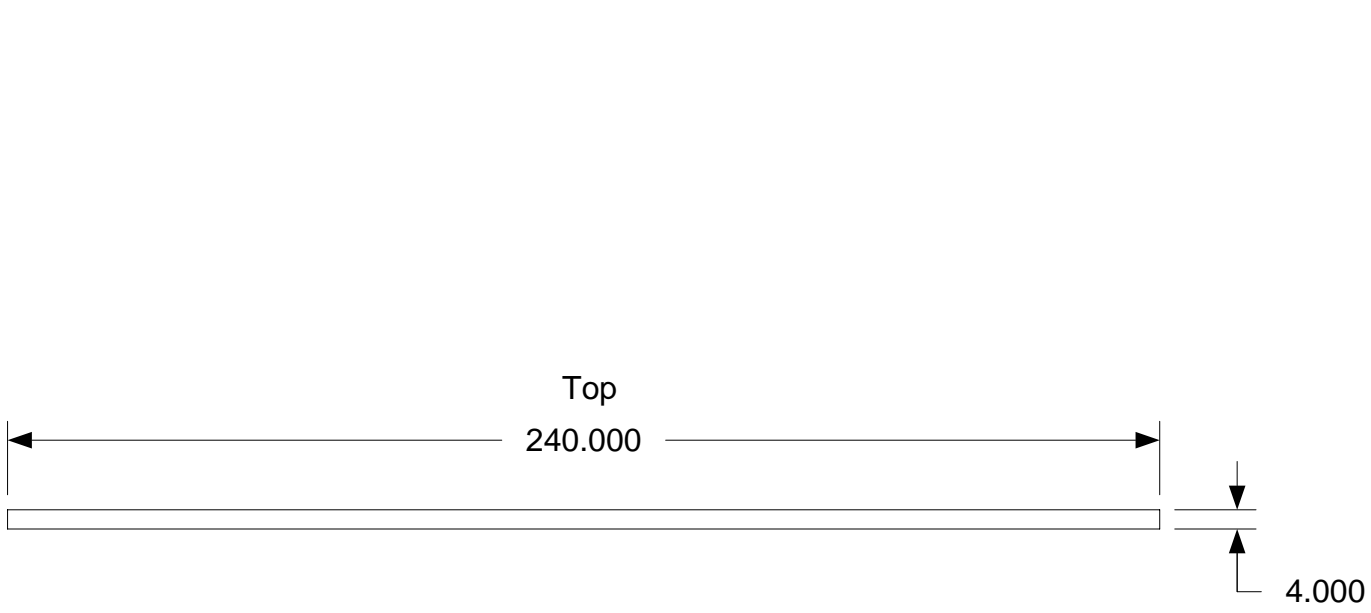
MODEL(S): Hartford

PAGE 45C



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DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Top Girder CATG2	
MODEL(S): Hartford	
PAGE 46	

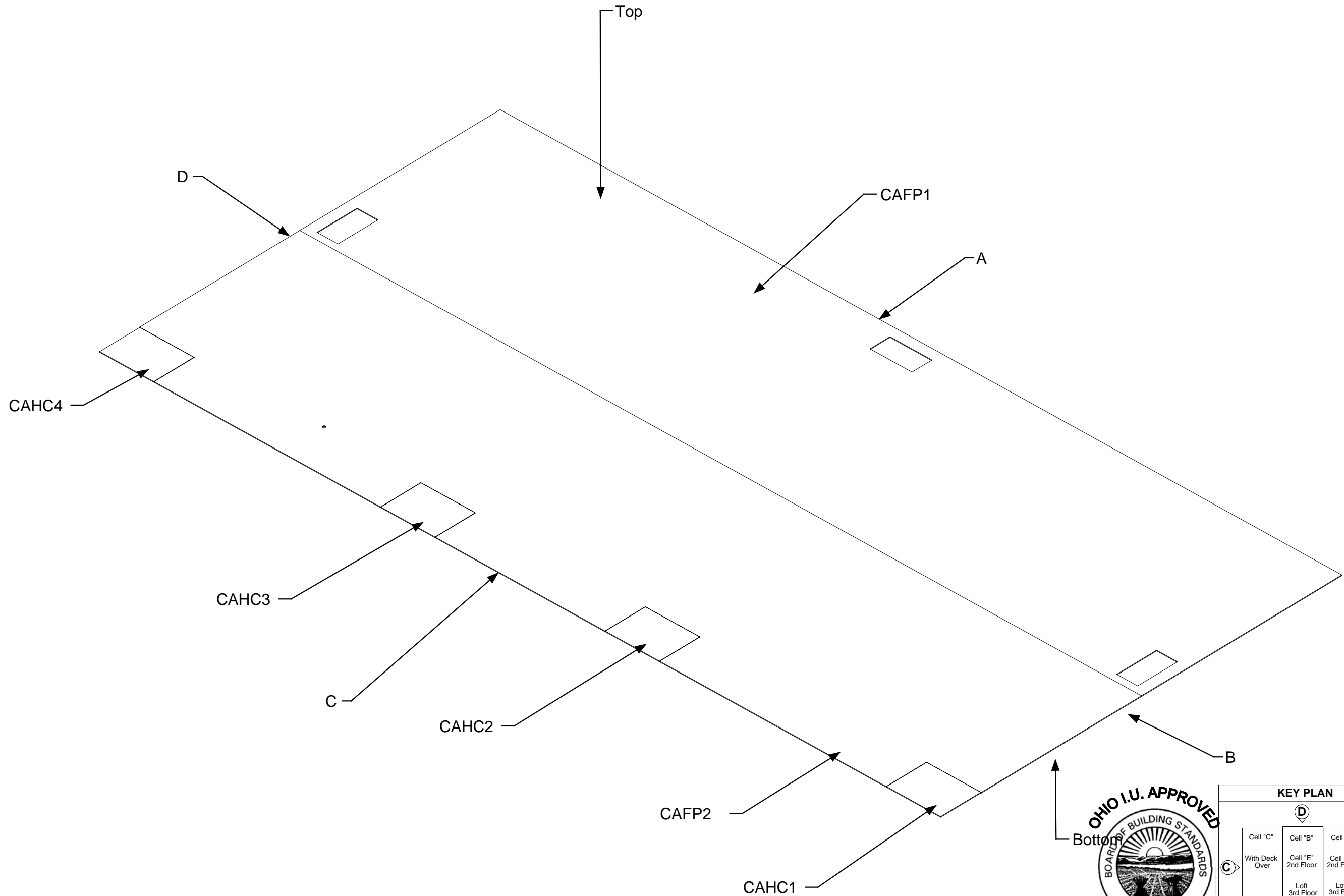


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Bottom Girder
CABG4

MODEL(S): Hartford

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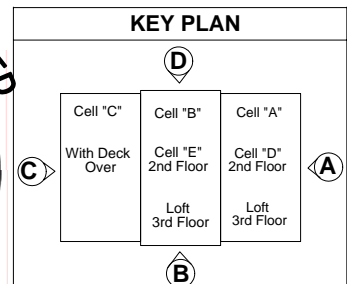


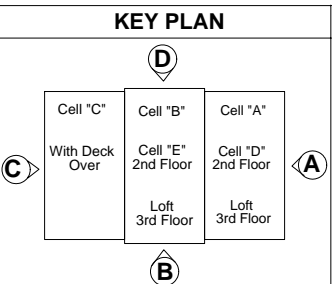
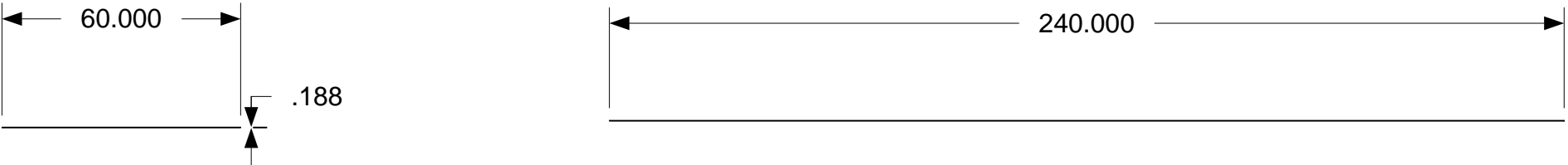
DRAWING

Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-
assembly
Part identification

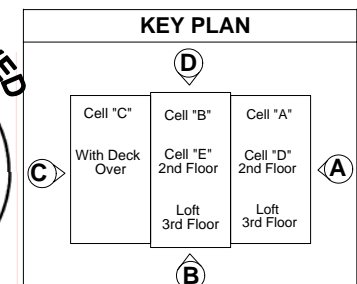
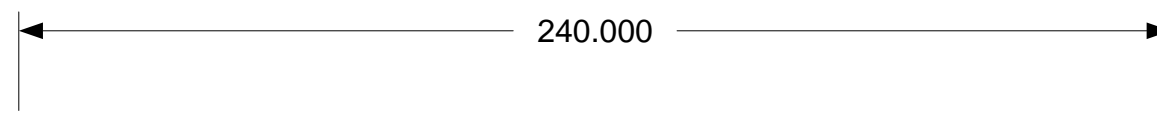
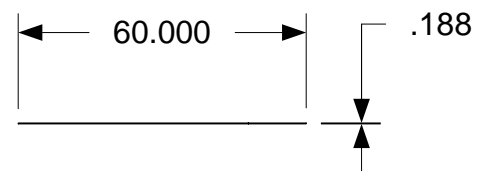
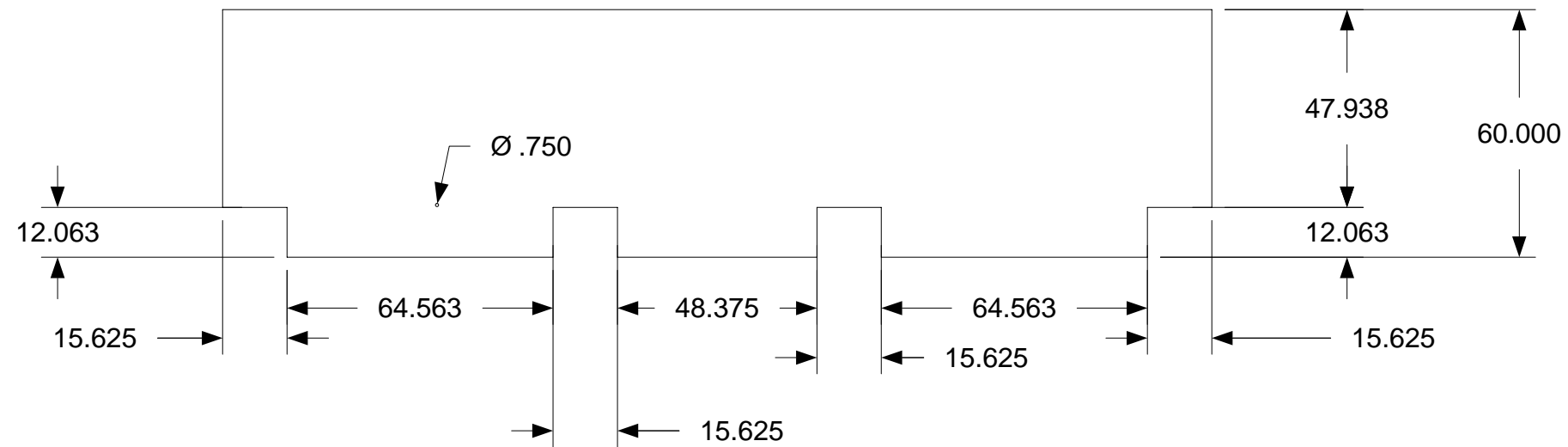
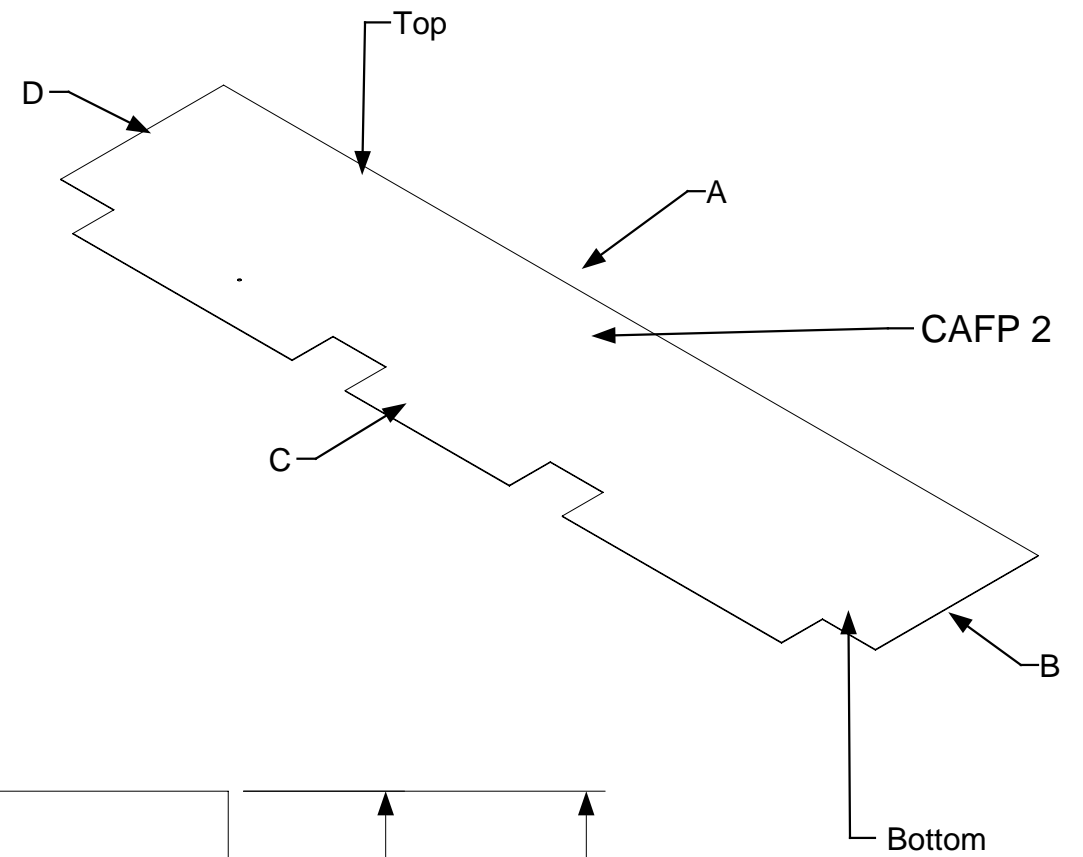
MODEL(S): Hartford

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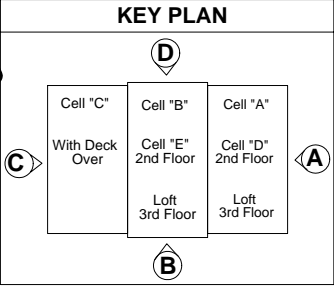
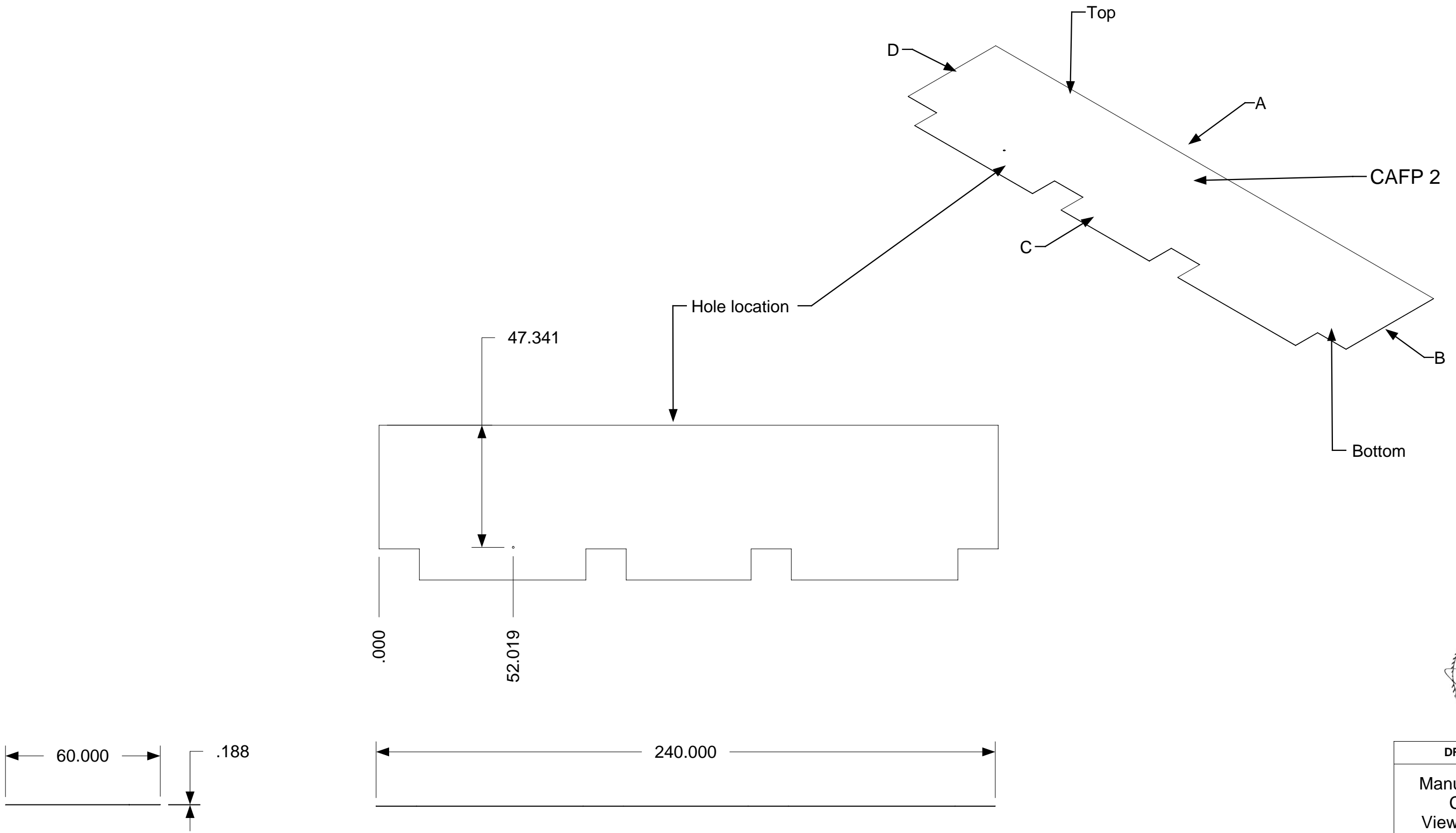




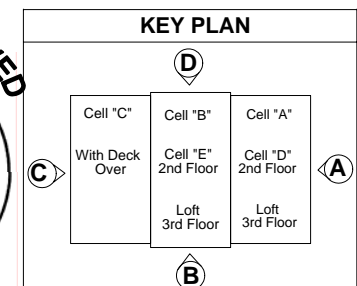
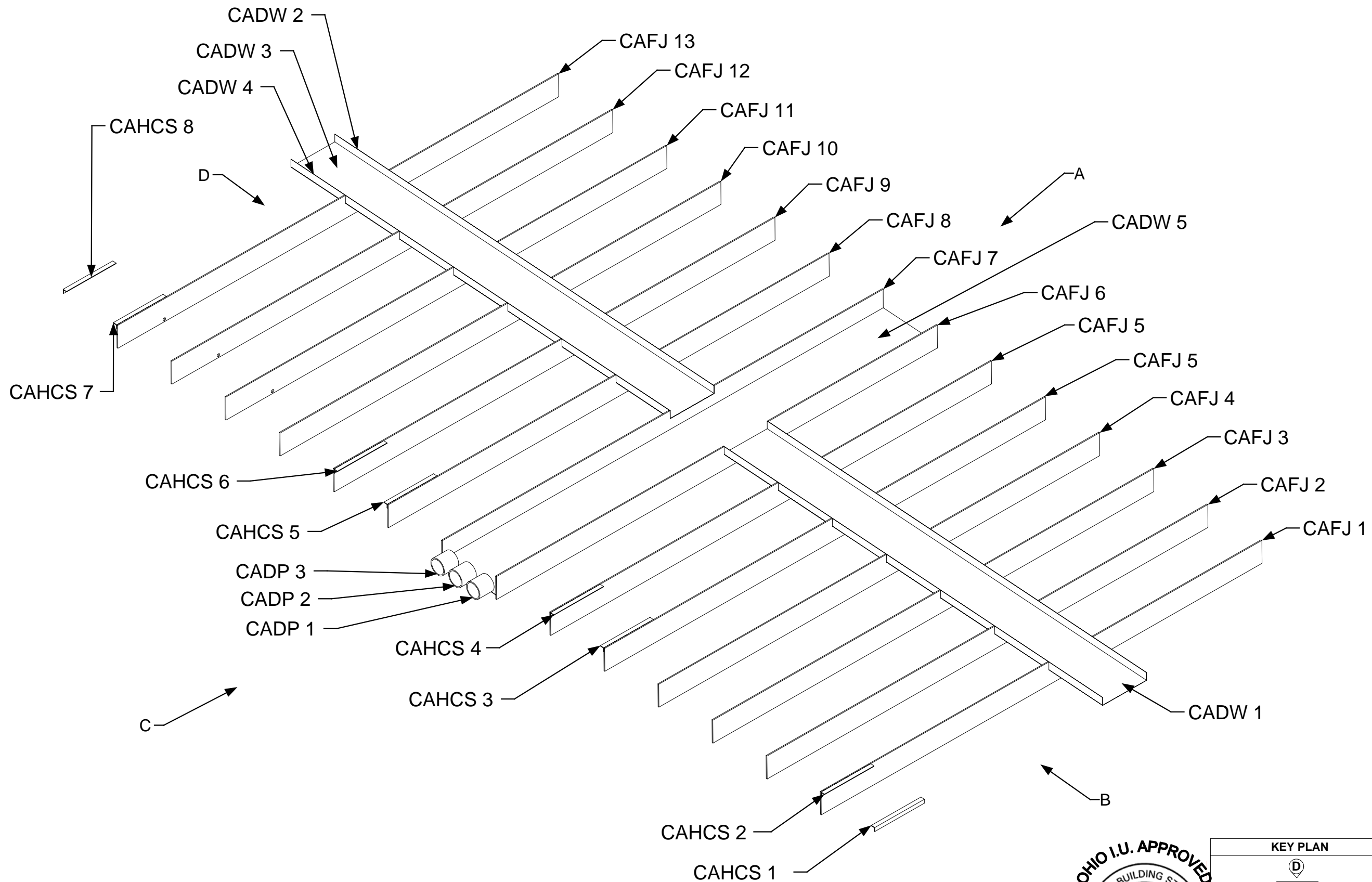
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DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Floor sub- assembly Floor Plate CAFP2
MODEL(S): Hartford
PAGE 49



DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Floor sub- assembly Floor Plate CAFP2 Drawing 2
MODEL(S): Hartford
PAGE 50

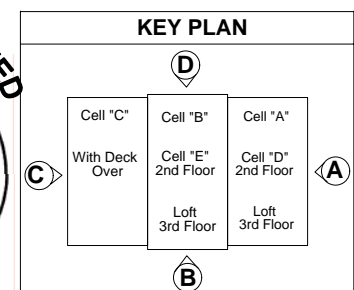
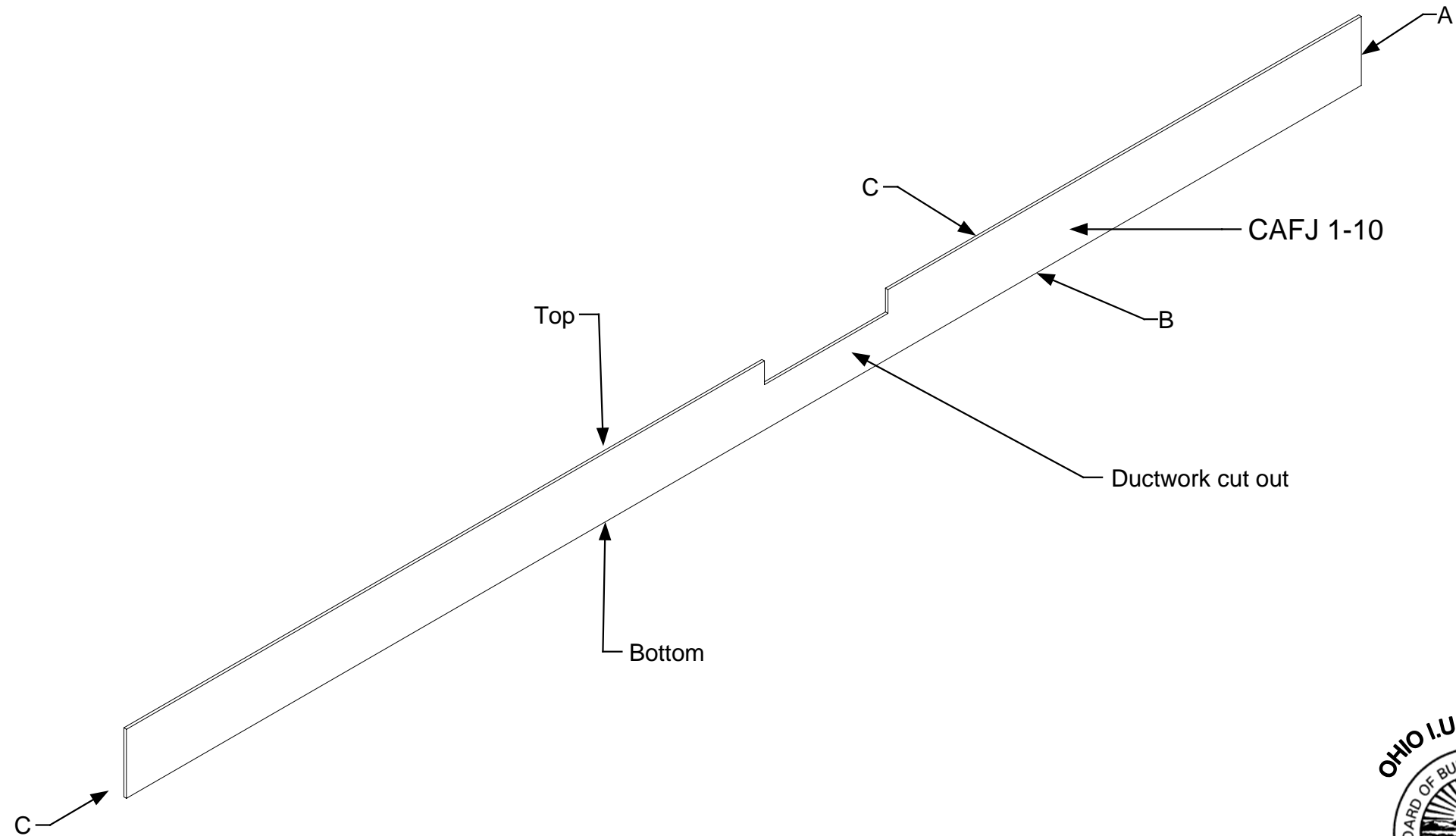
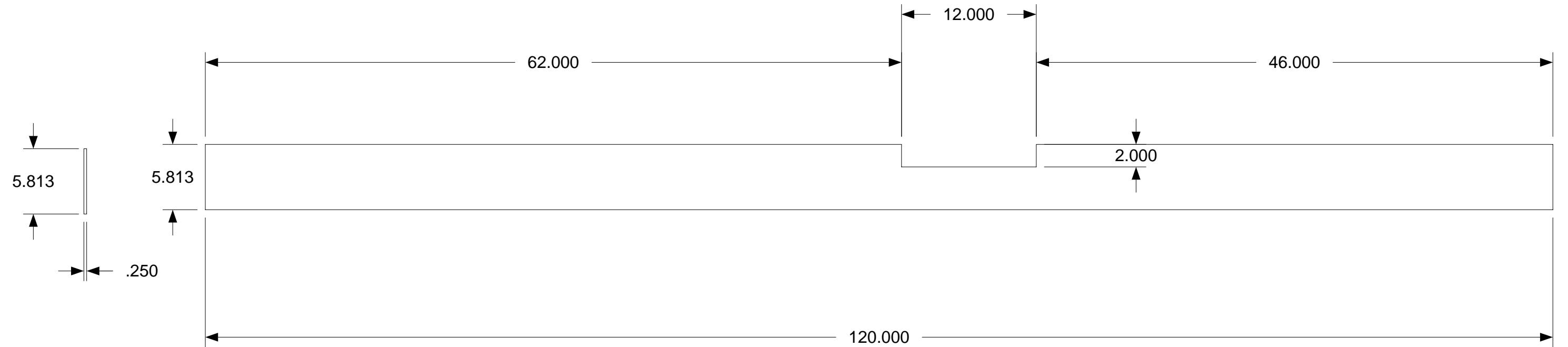


DRAWING

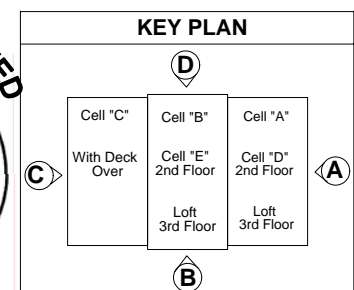
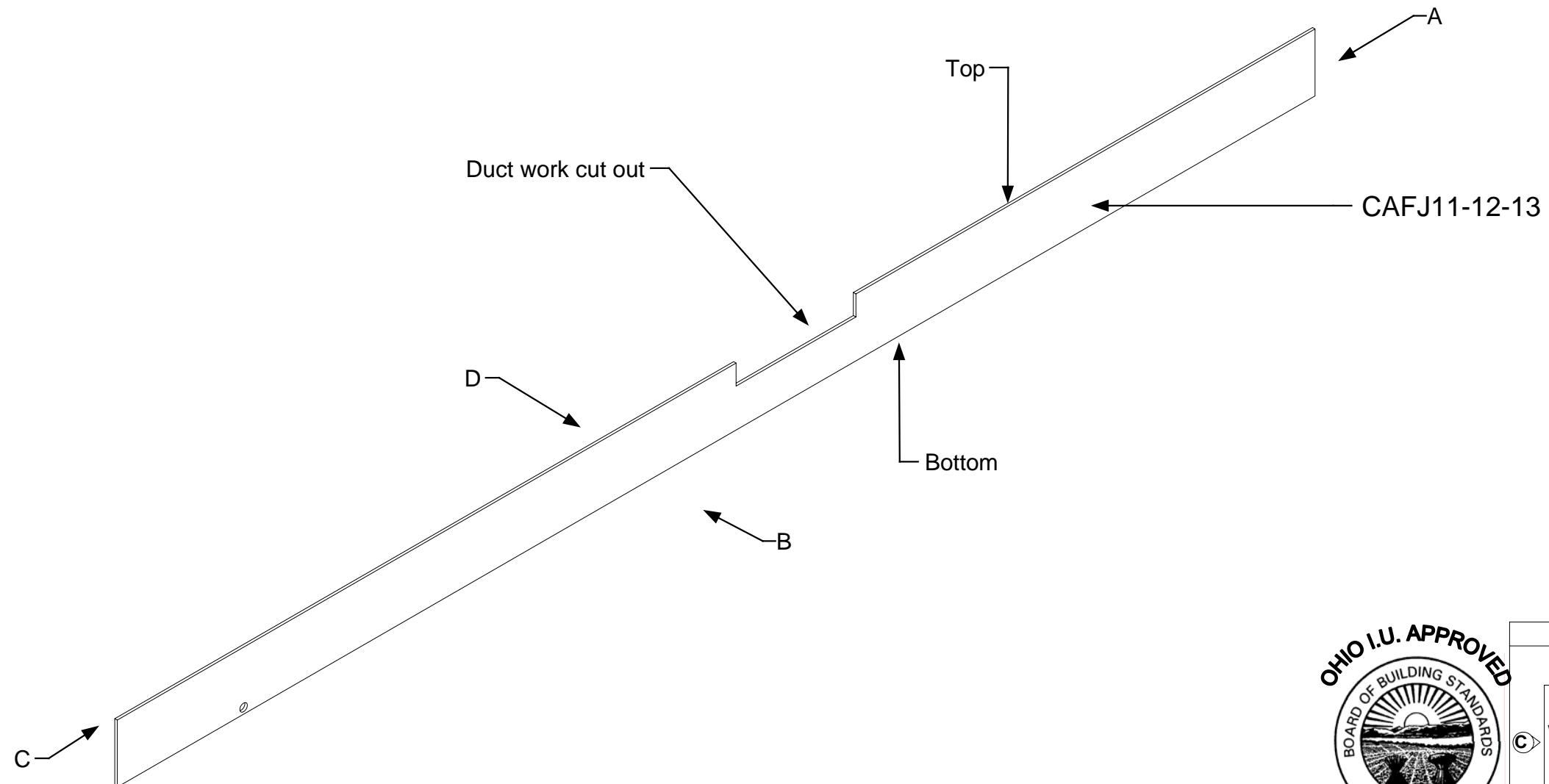
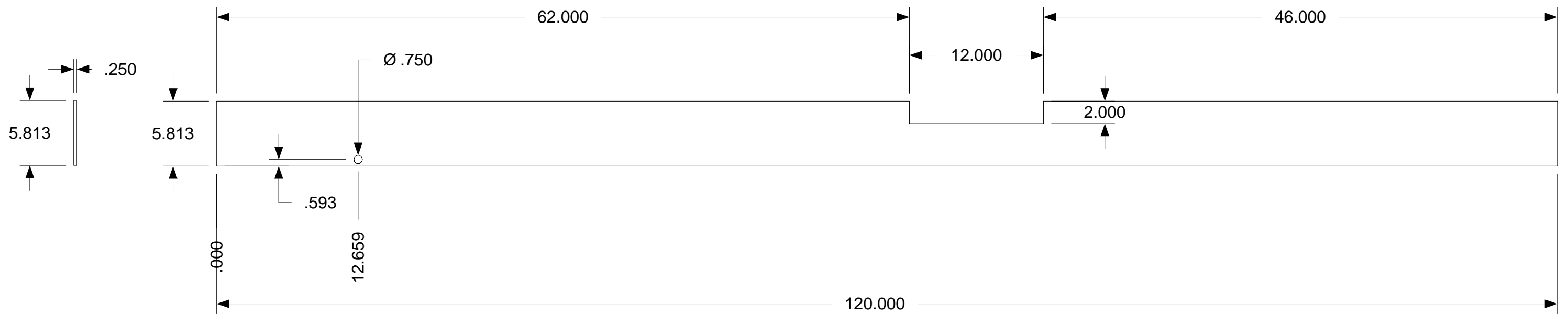
Manufacturing
Cell A
View B & C
Assembly-Cell
Floor sub-
assembly
Part Identification

MODEL(S): Hartford

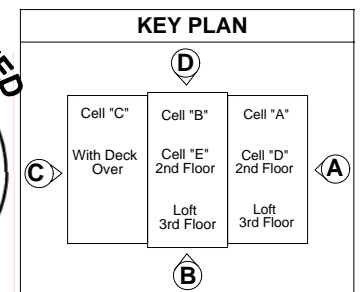
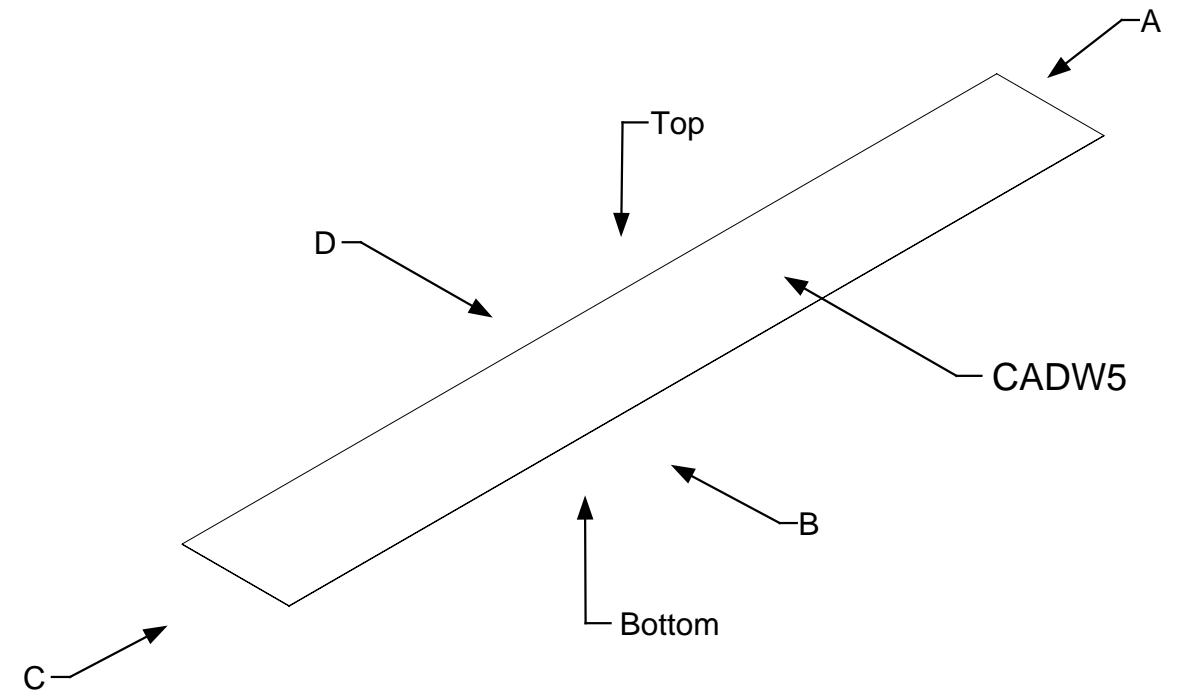
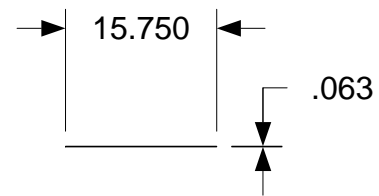
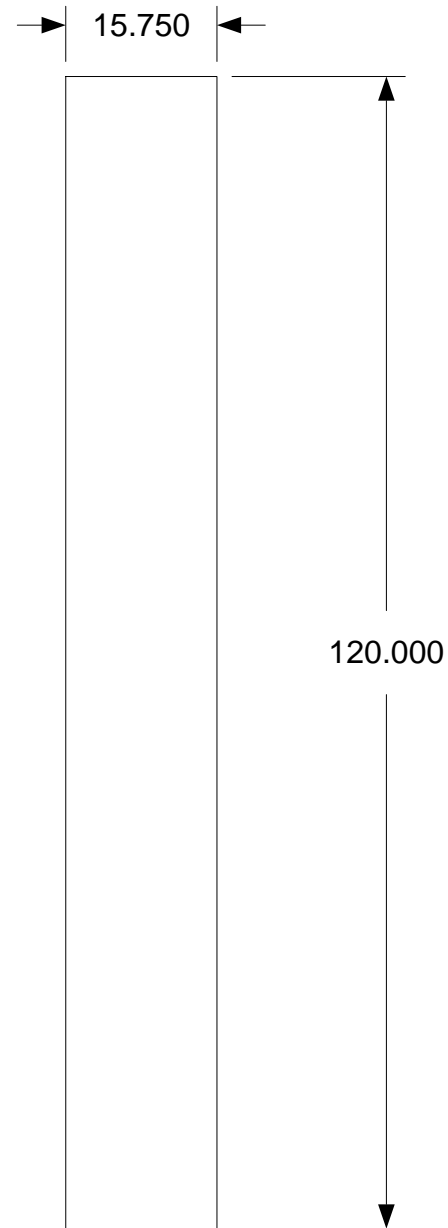
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DRAWING	
Manufacturing Cell A View Drafting Assembly-Cell Floor joists CAFJ1-10	
MODEL(S): Hartford	
PAGE 52	

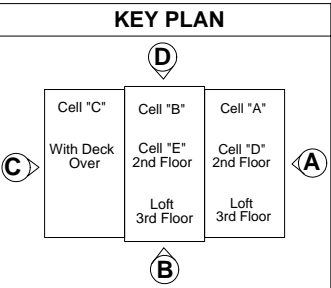
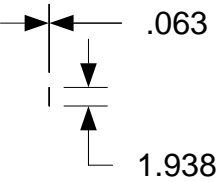
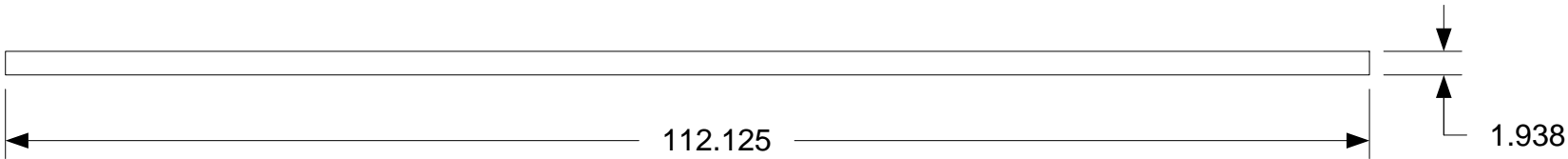
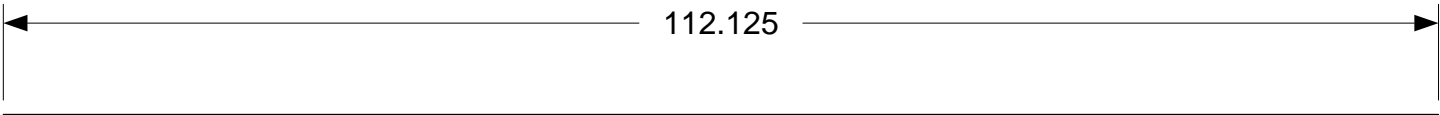
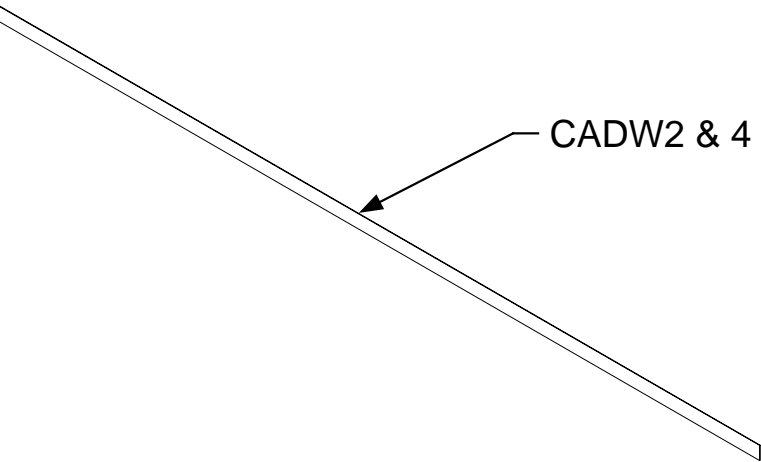


DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Floor joists CAFJ11-13
MODEL(S): Hartford
PAGE 53

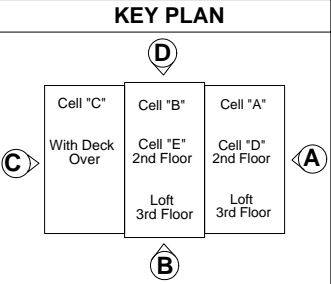
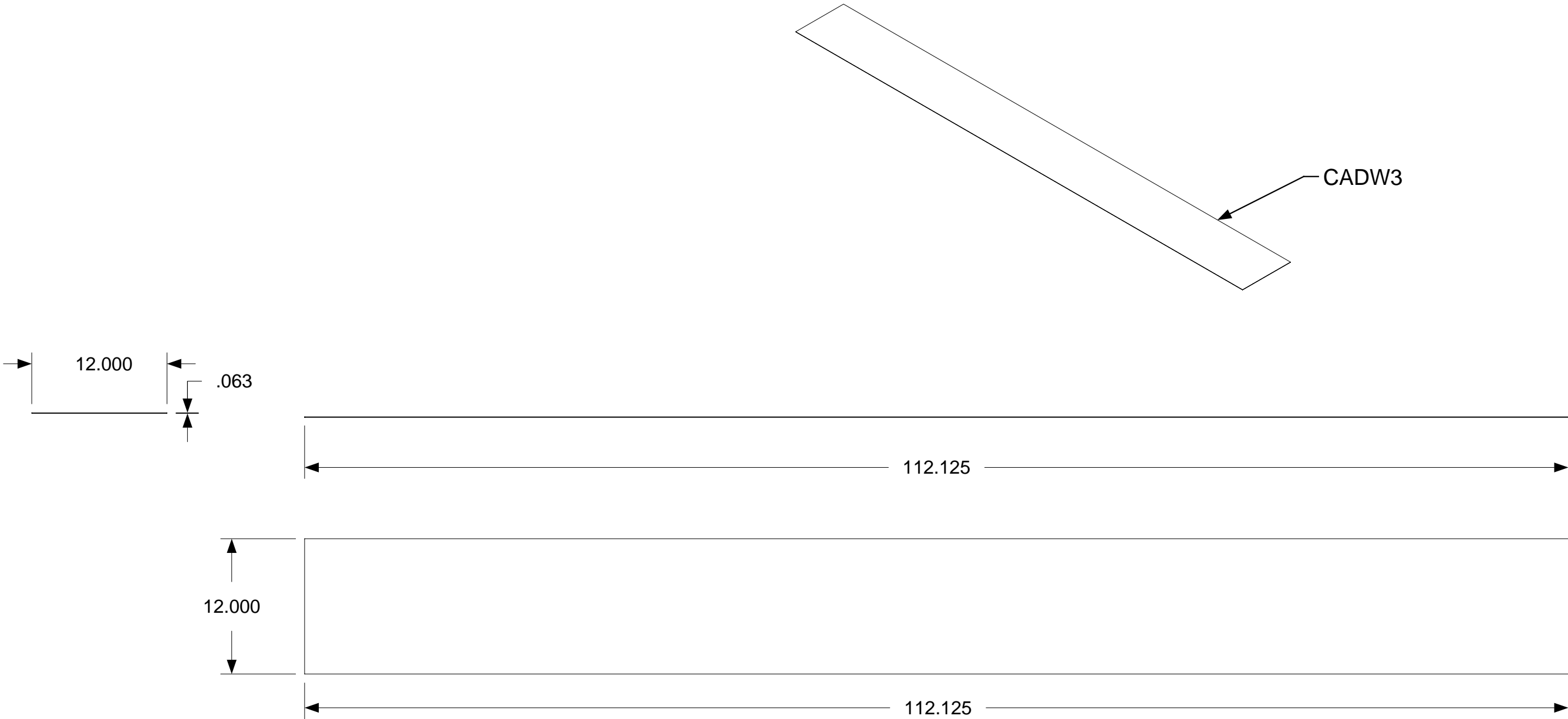


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DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Ductwork CADW5
MODEL(S): Hartford
PAGE 54



DRAWING
Manufacturing Cell A View Drafting Assembly-Cell Ductwork CADW2 CADW4
MODEL(S): Hartford
PAGE 55

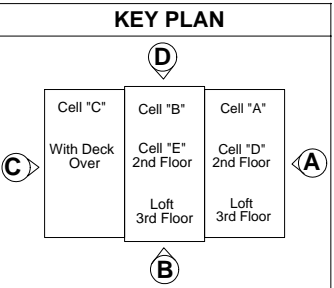
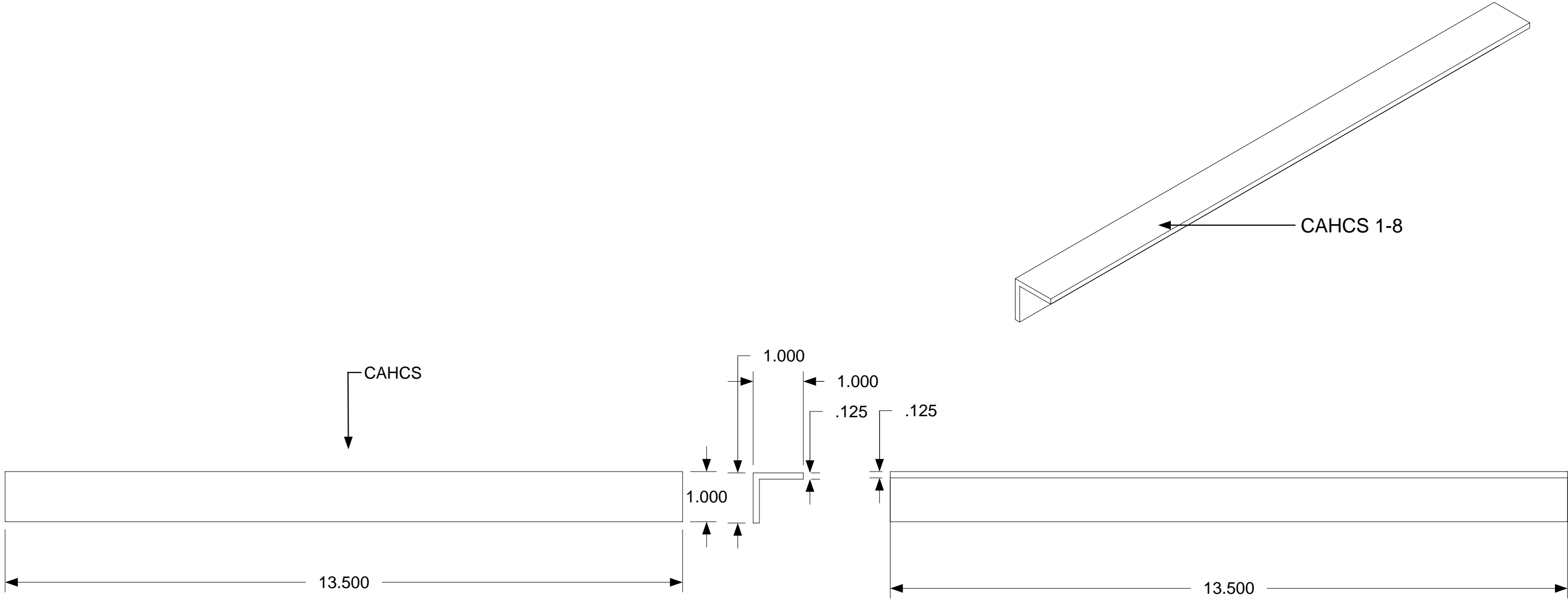


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Ductwork
CADW3

MODEL(S): Hartford

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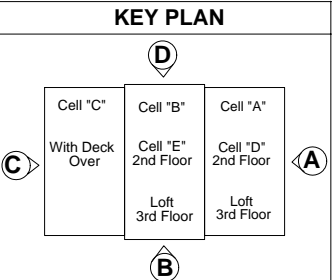
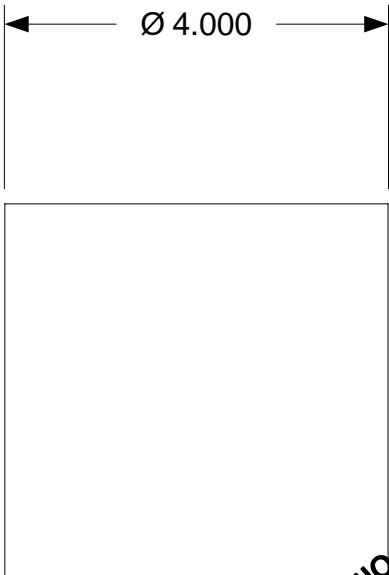
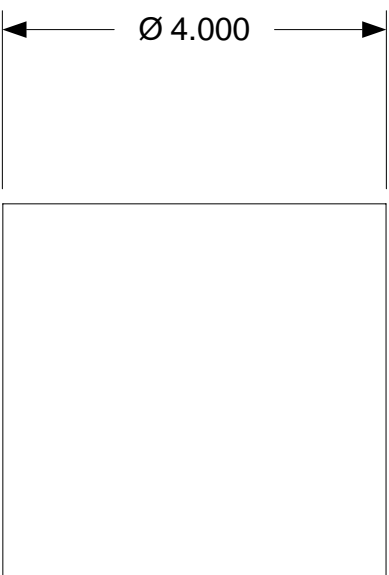
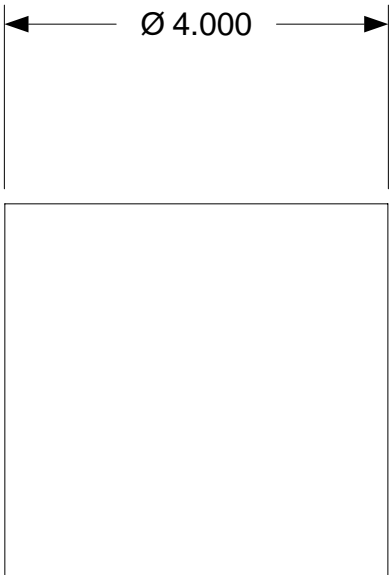
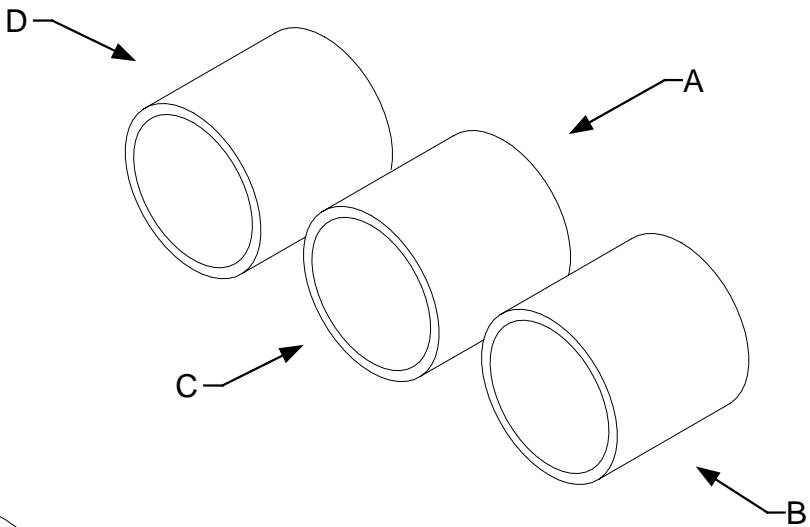
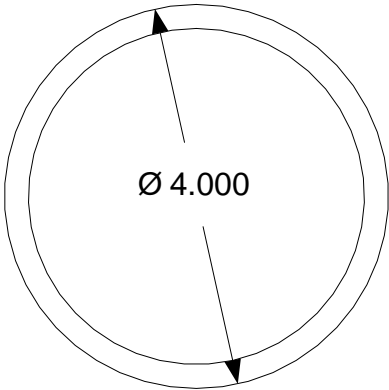
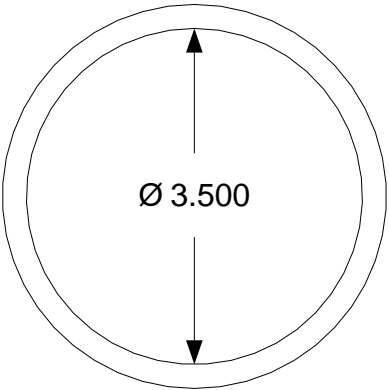
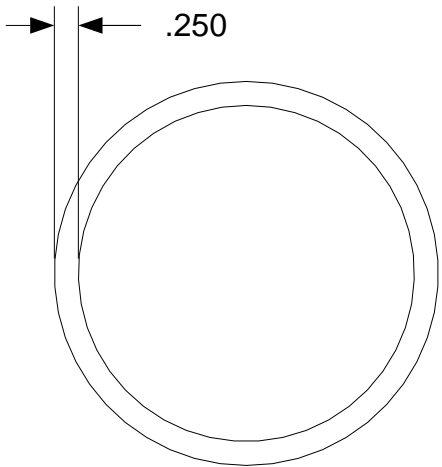


DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Hatch cover
support
CAHCS1-8

MODEL(S): Hartford

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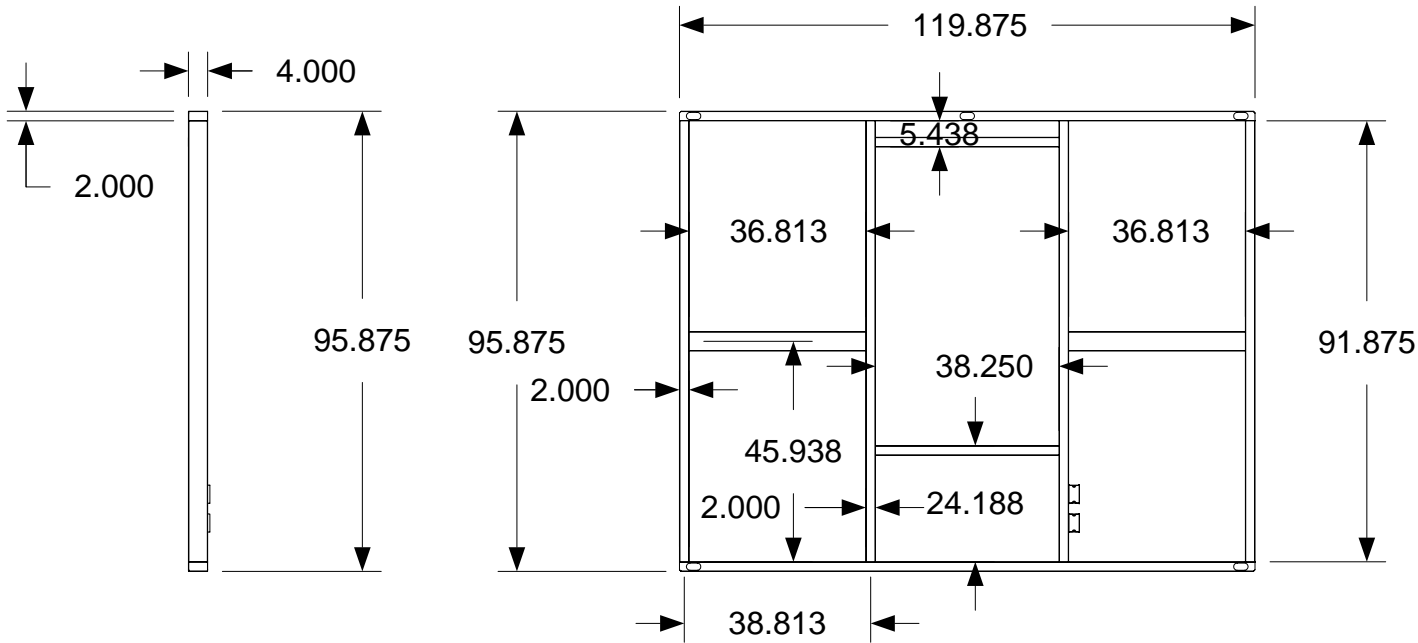
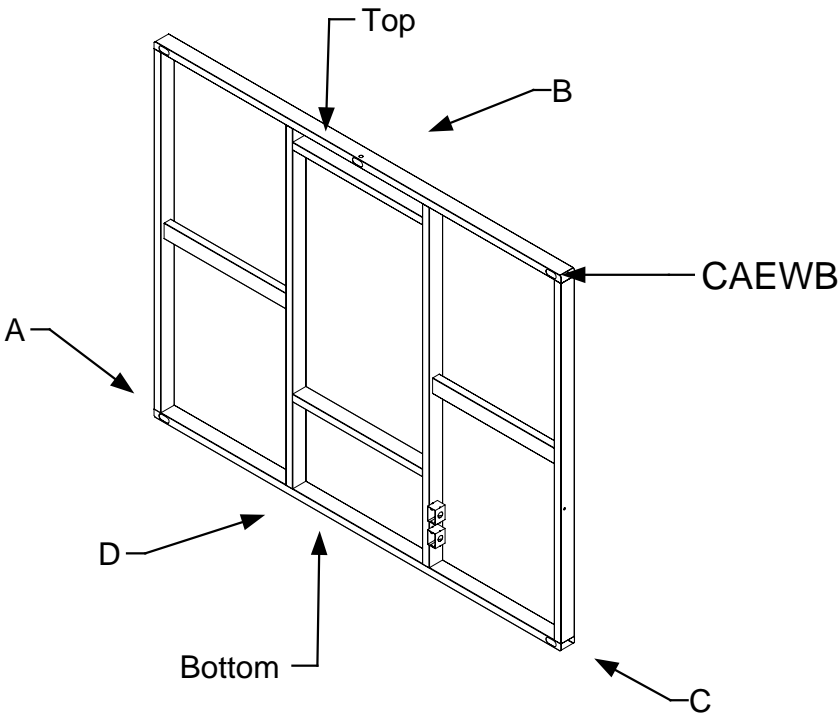
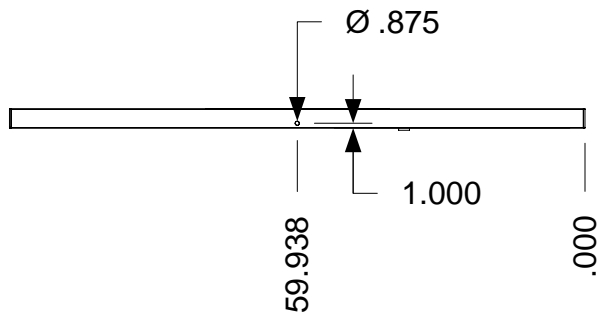
DRAWING

Manufacturing
Cell A
View Drafting
Assembly-Cell
Duct Portal
CADP1-3

MODEL(S): Hartford

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Top

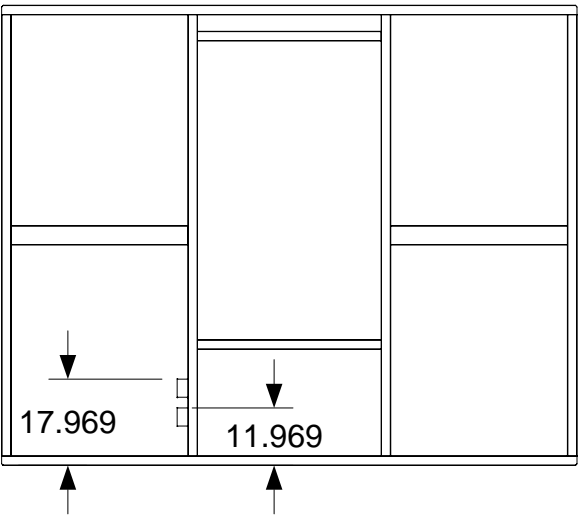


A

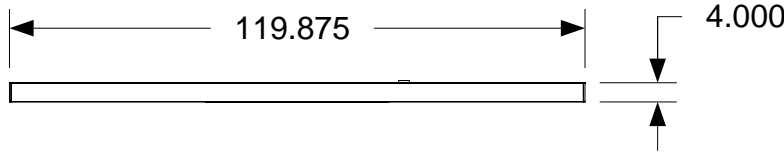
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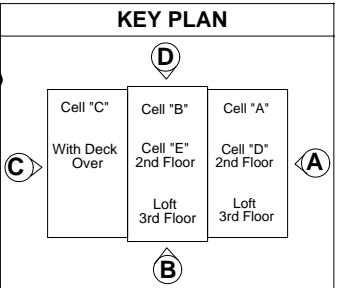
C



B

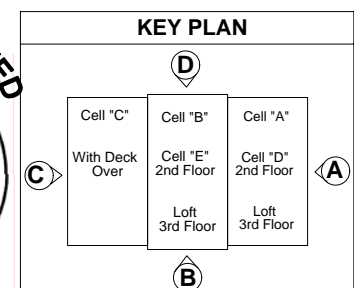
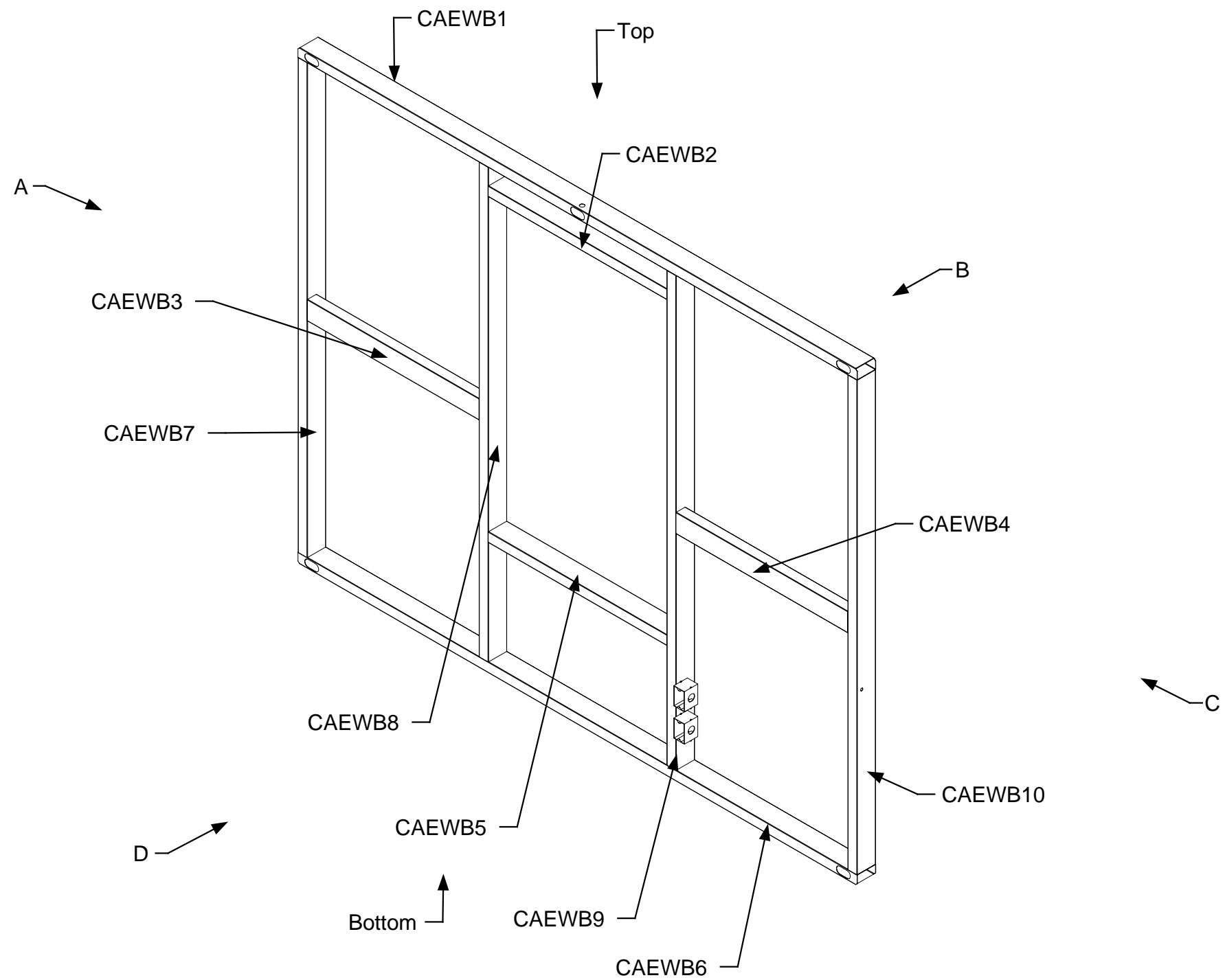


Bottom



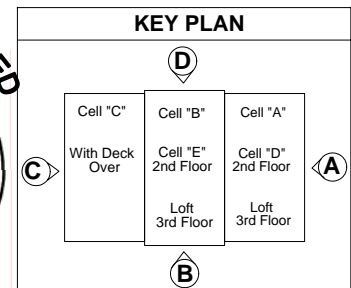
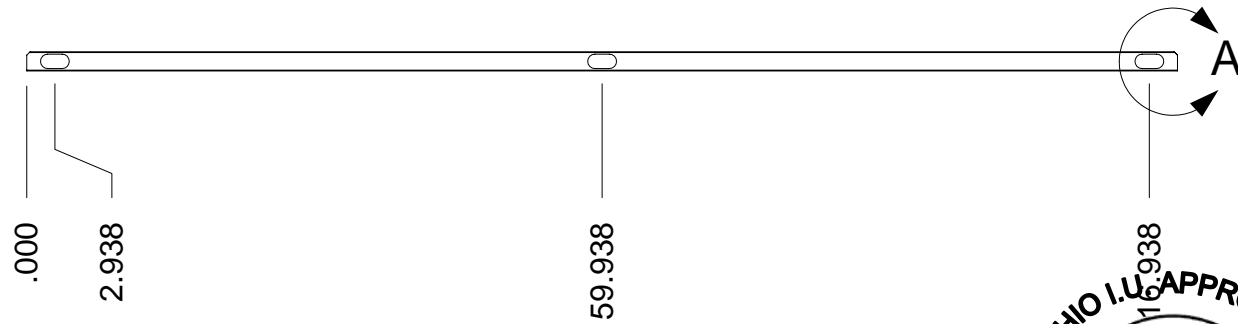
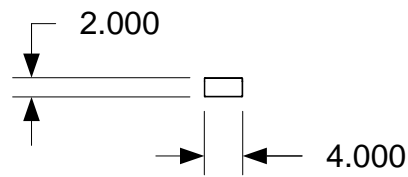
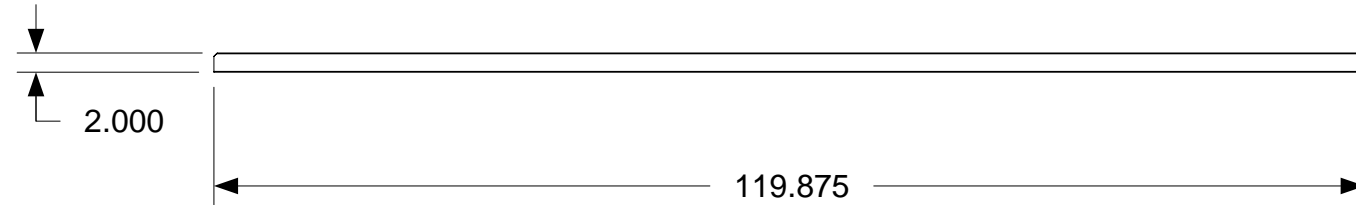
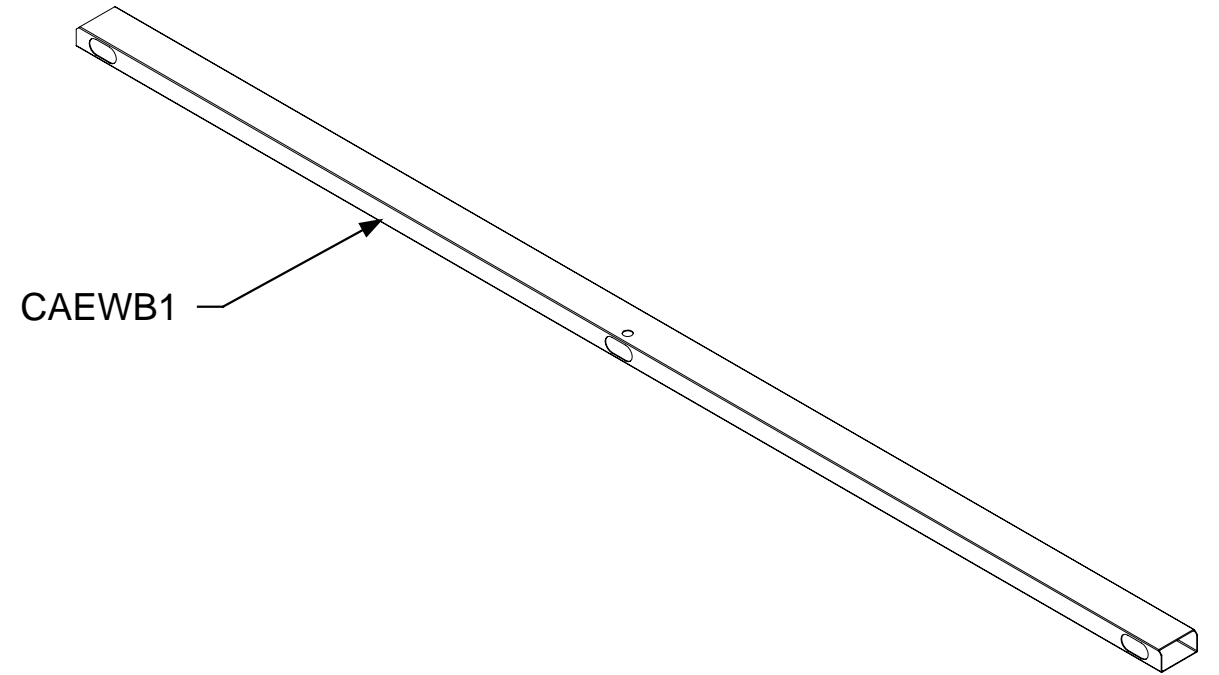
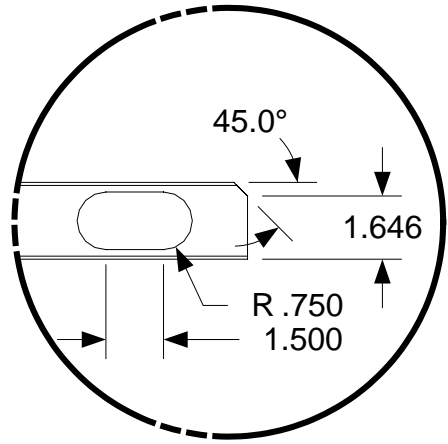
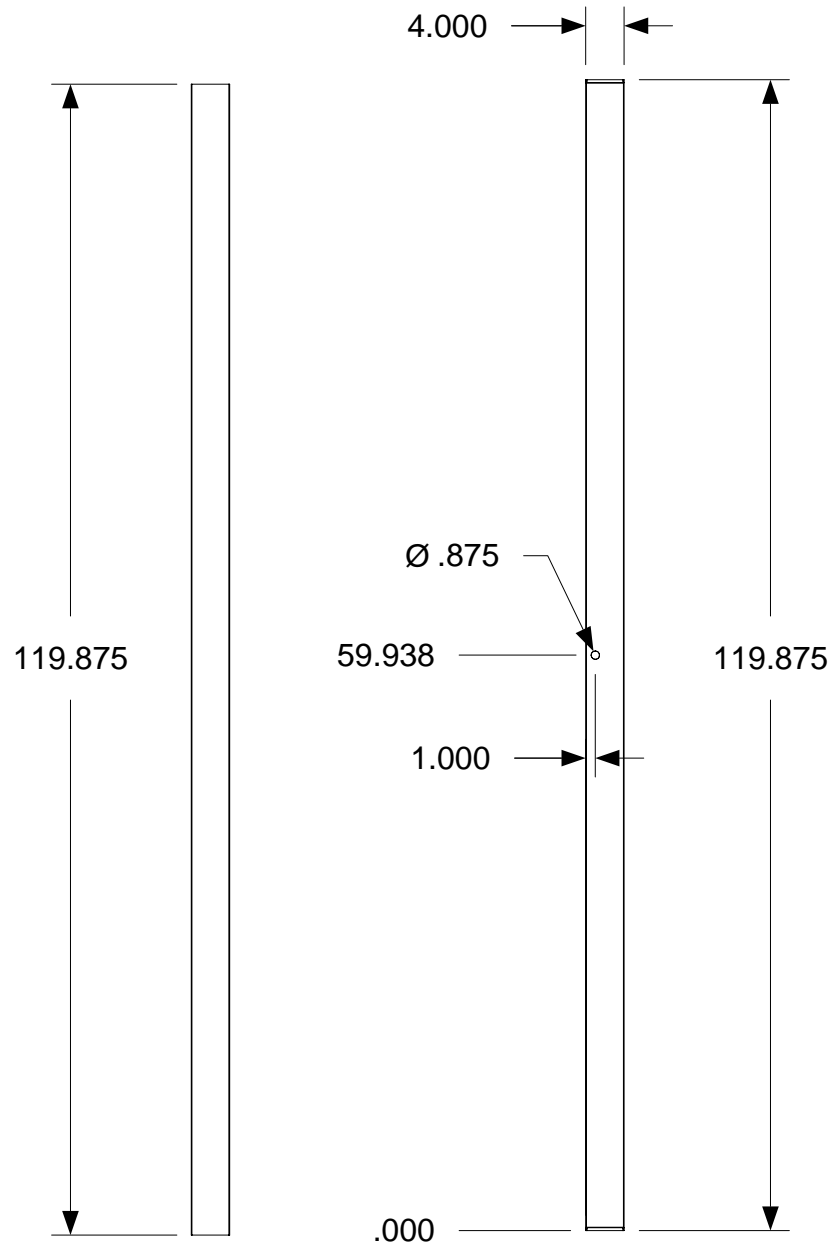
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DRAWING
Manufacturing Cell A View B Assembly-Exterior wall CAEWB
MODEL(S): Hartford
PAGE 59

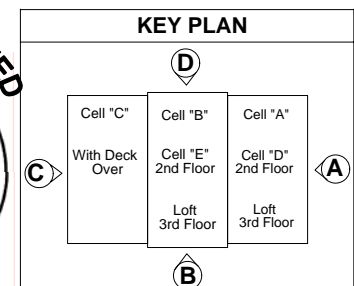
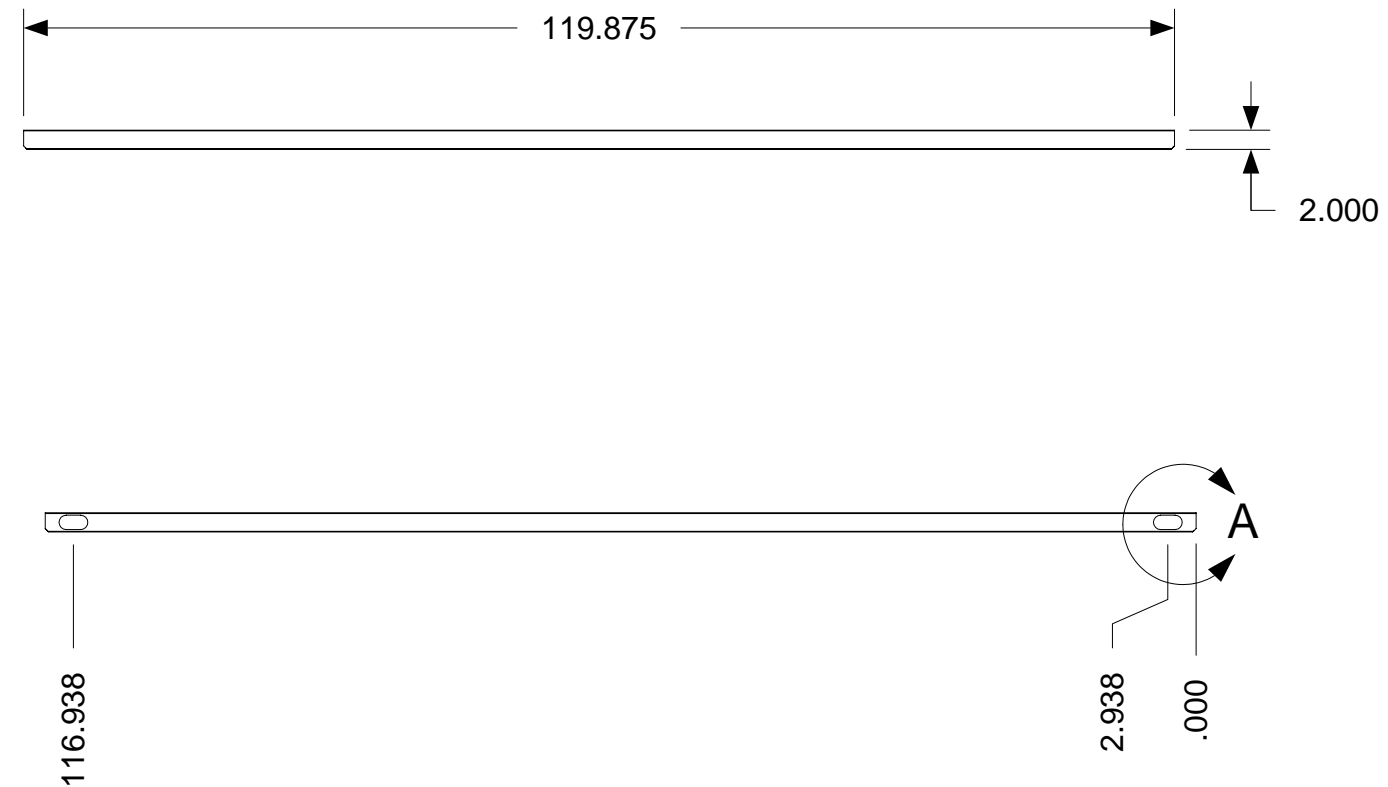
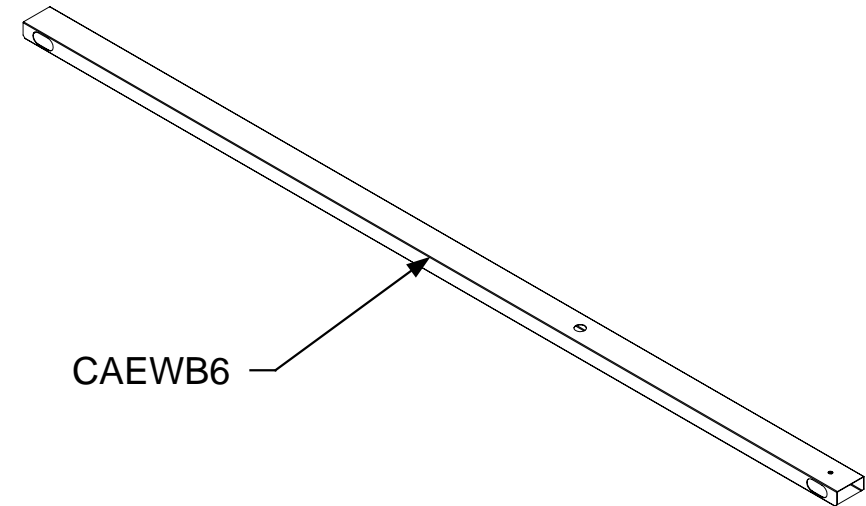
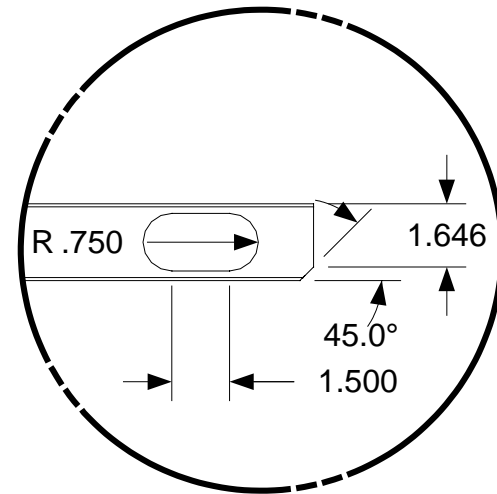
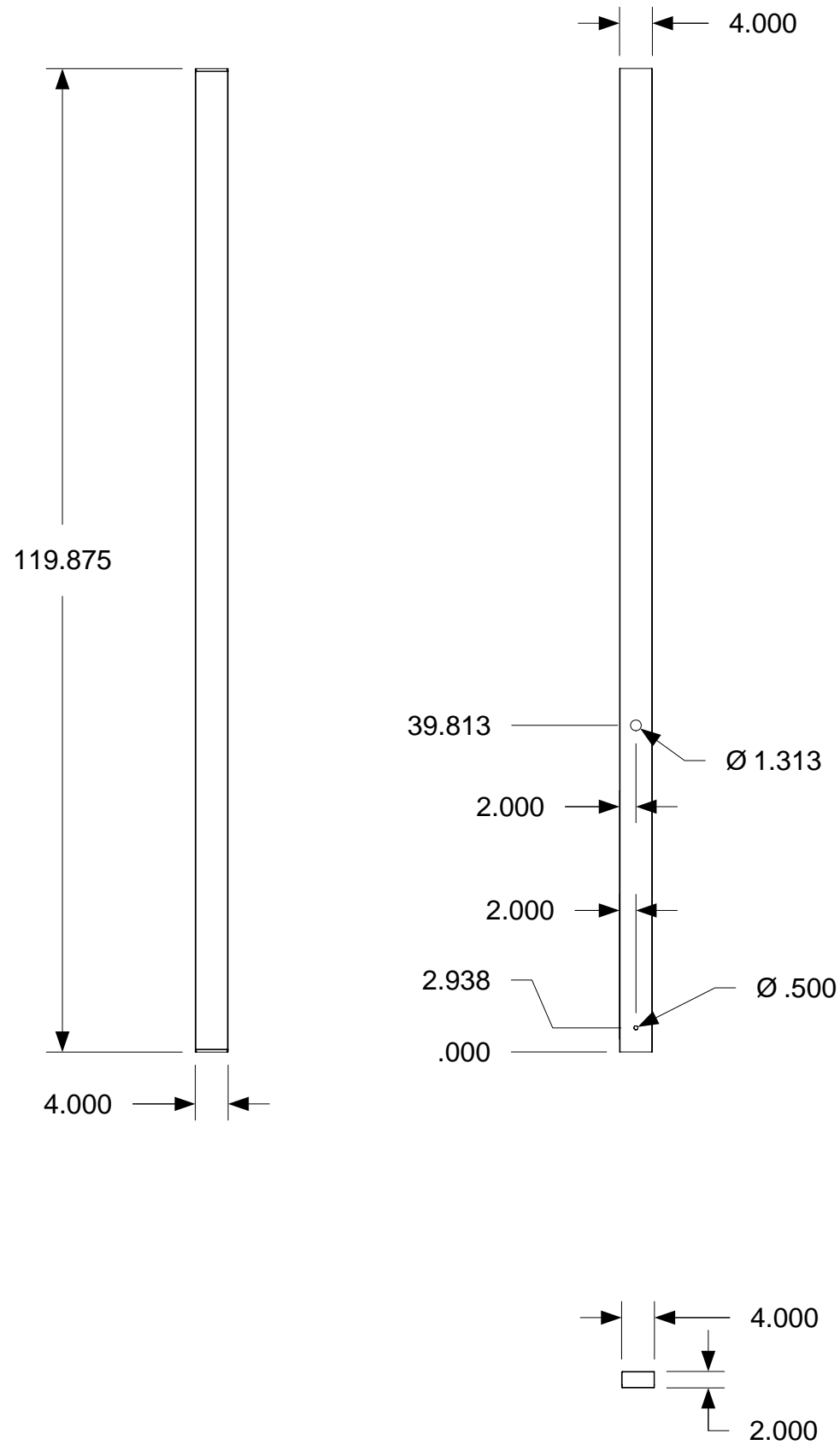


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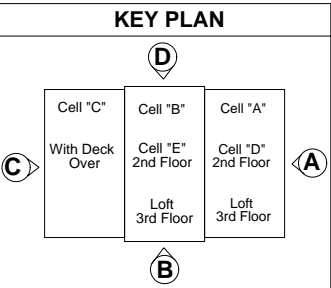
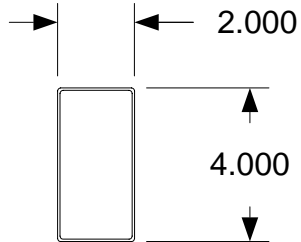
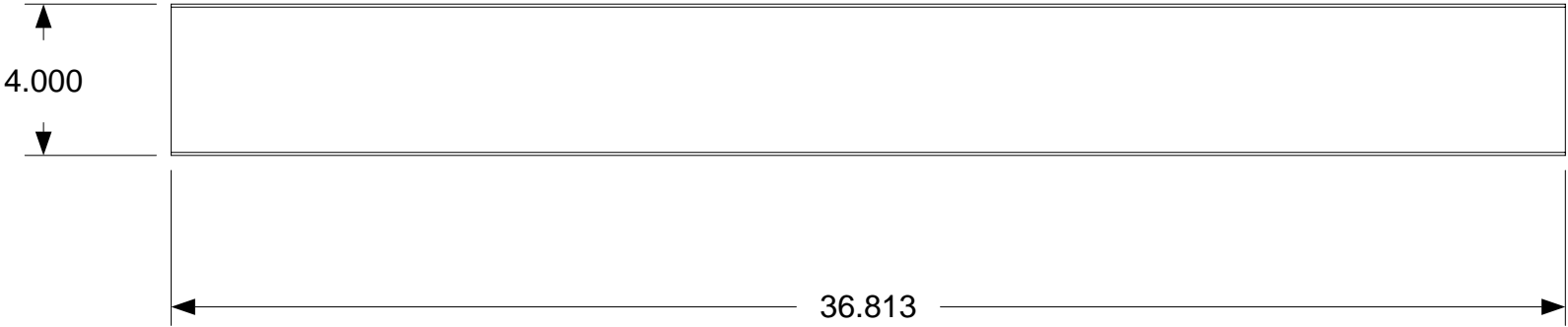
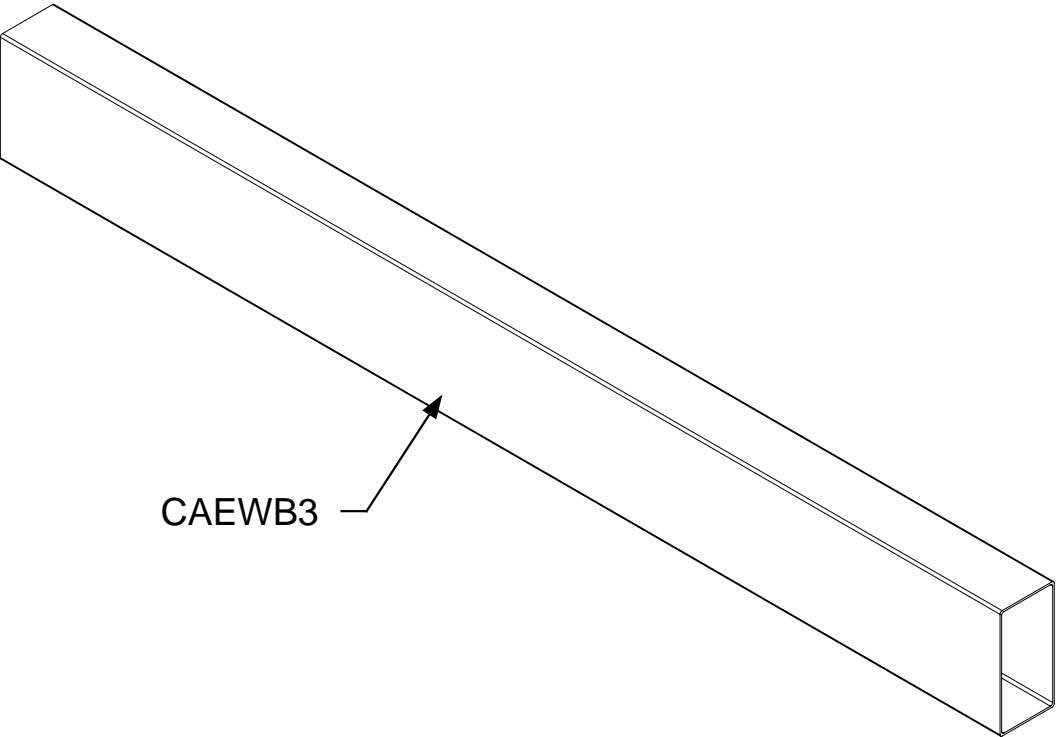
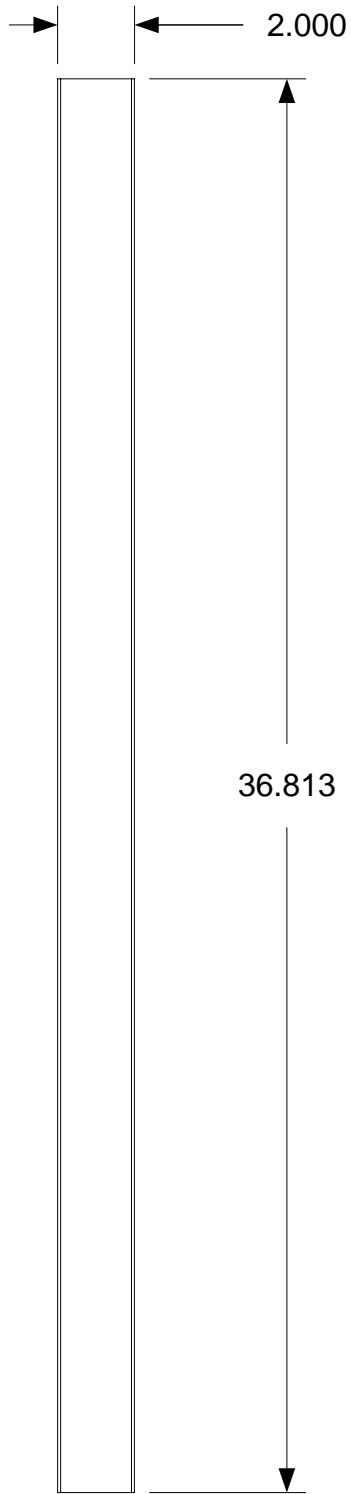
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly Parts identification CAEWB
MODEL(S): Hartford
PAGE 60



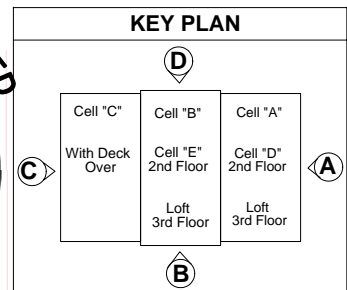
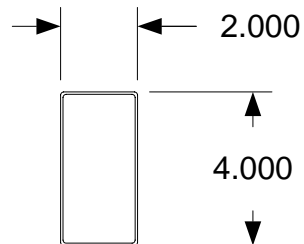
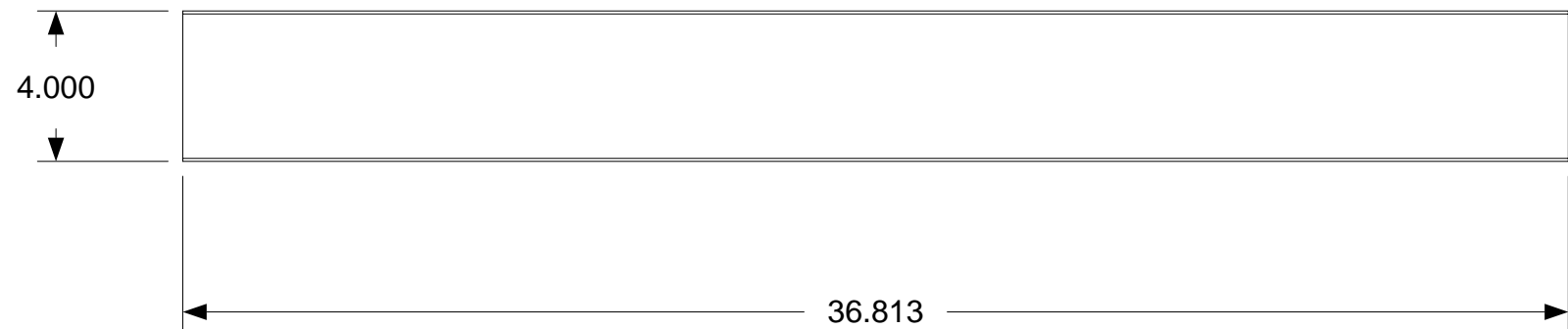
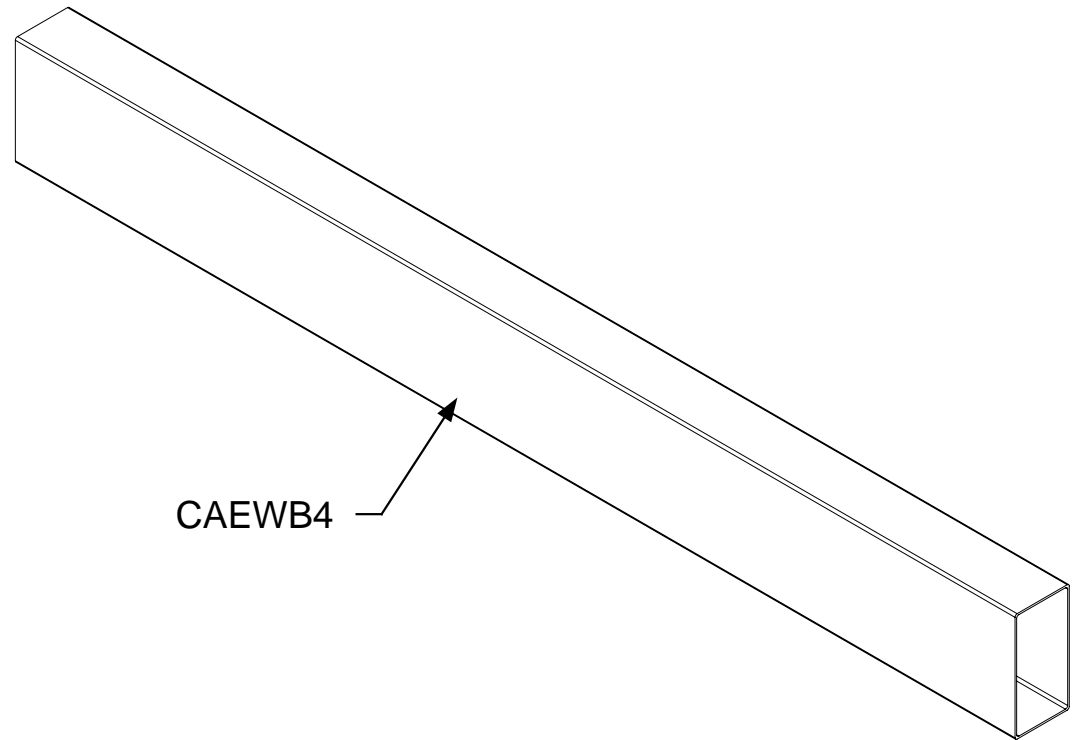
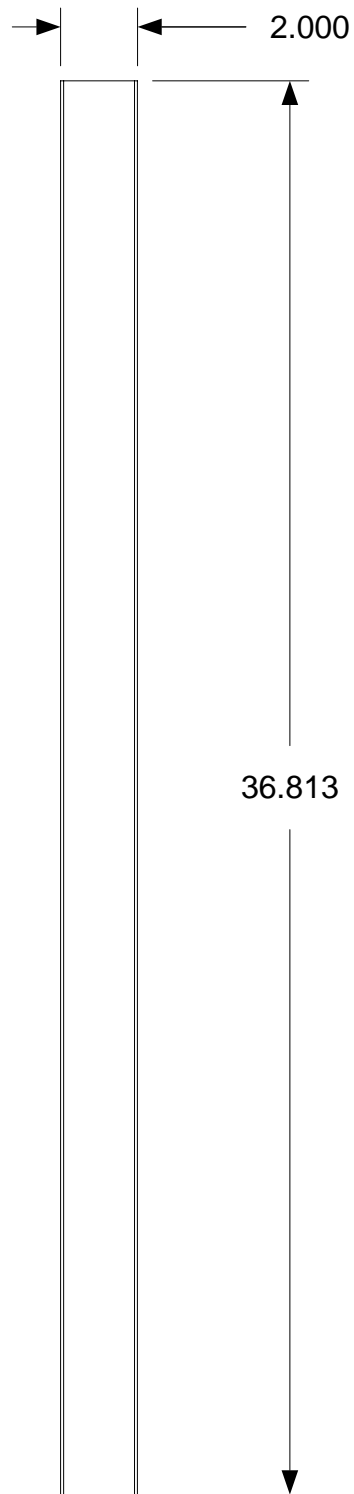
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB1 Detail 1
MODEL(S): Hartford
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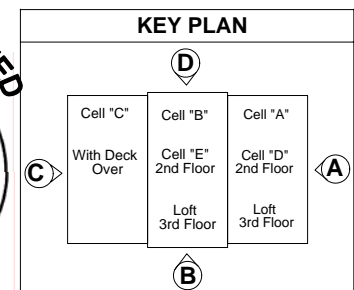
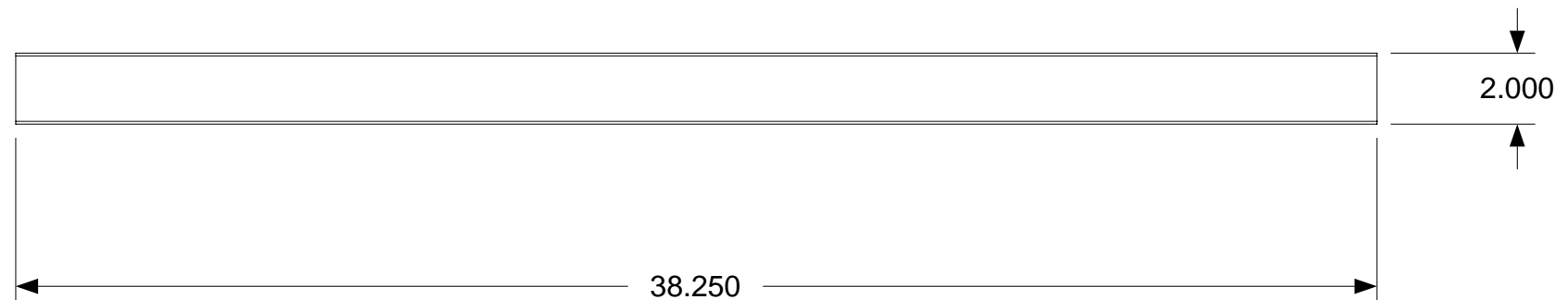
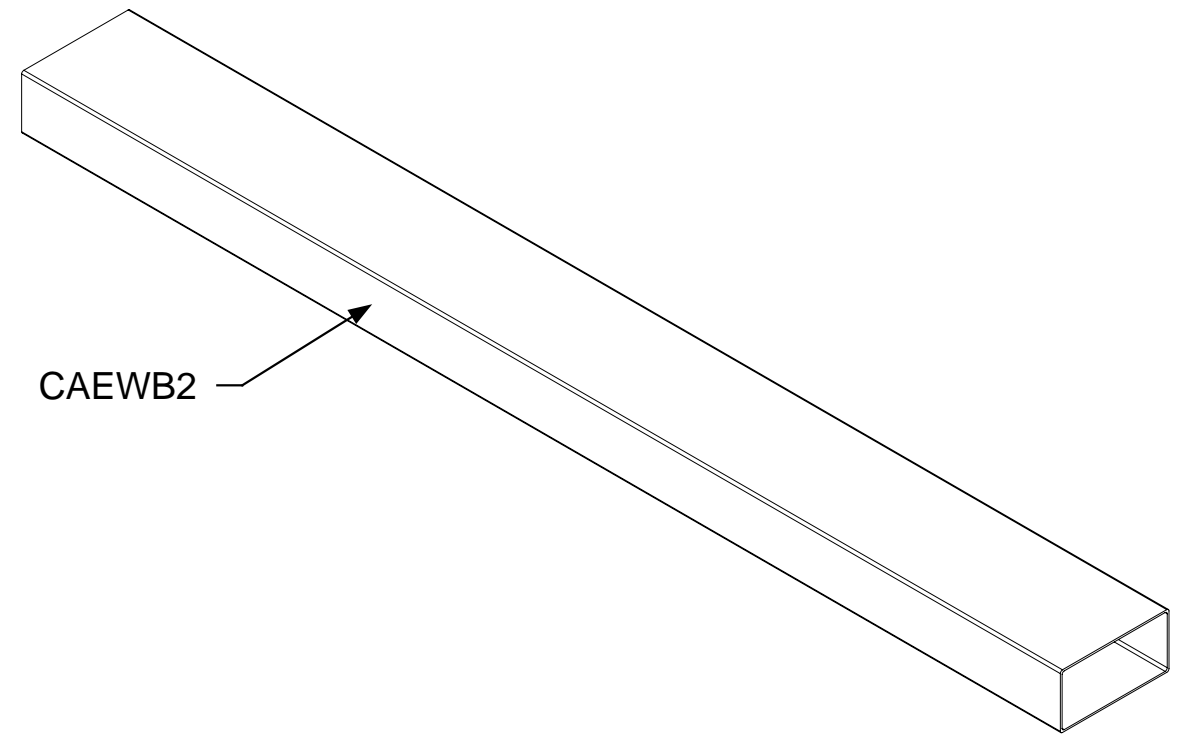
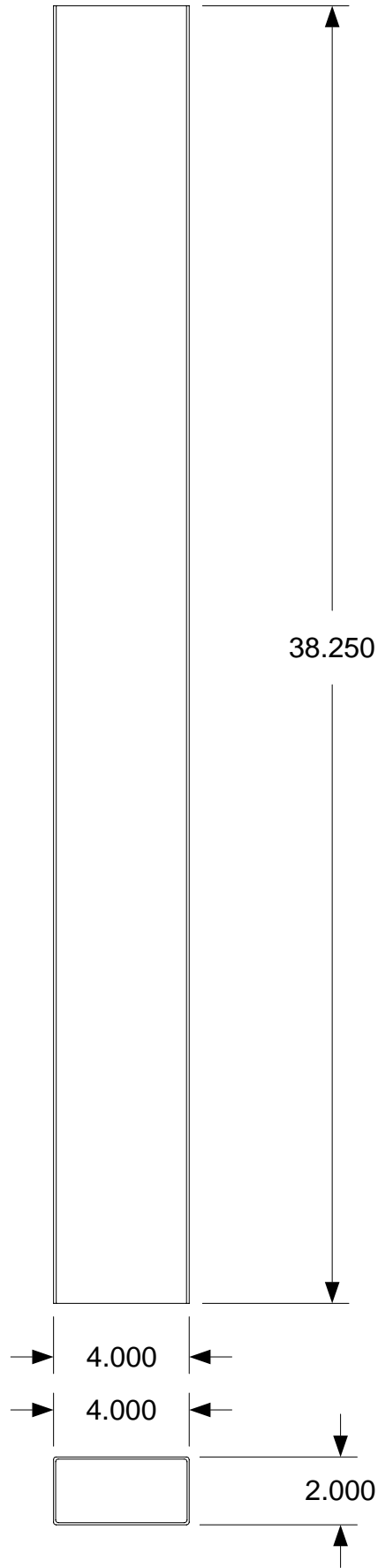
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB6 Detail 2
MODEL(S): Hartford
PAGE 62



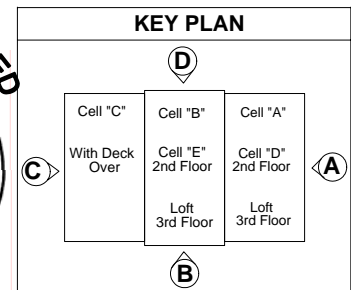
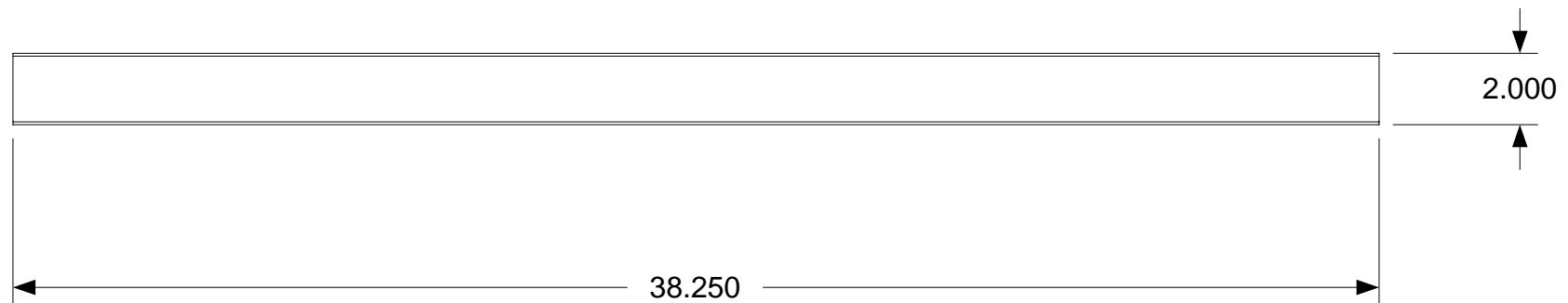
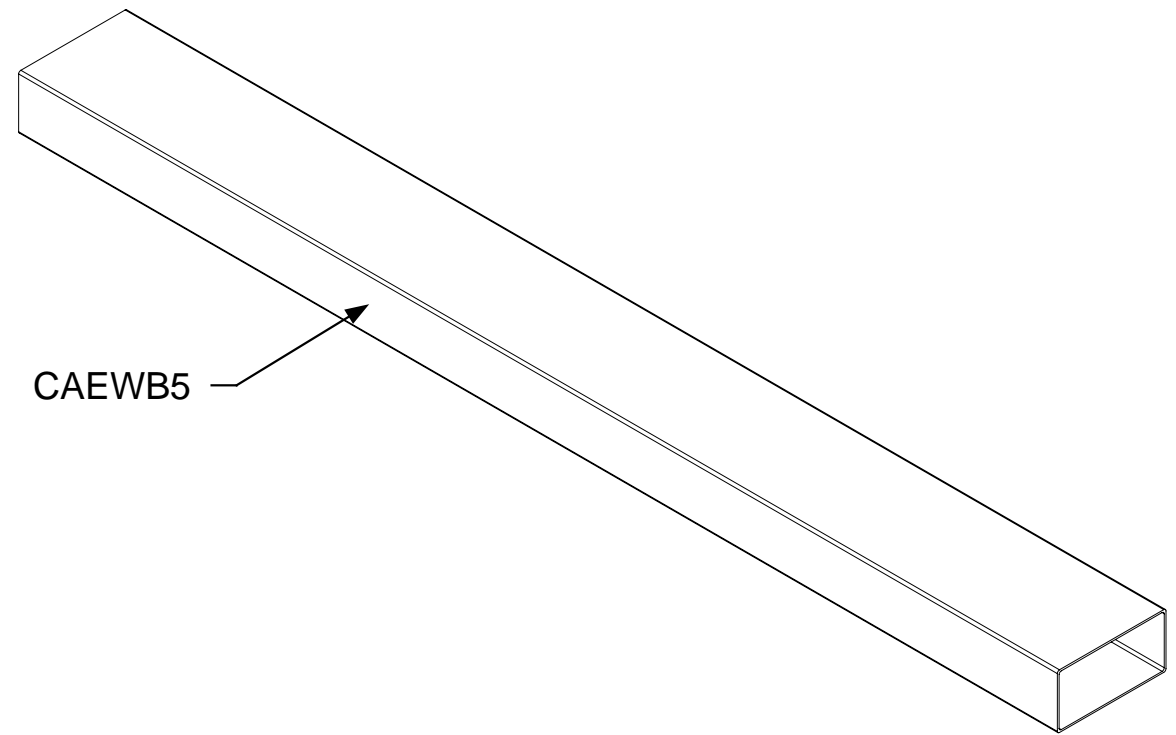
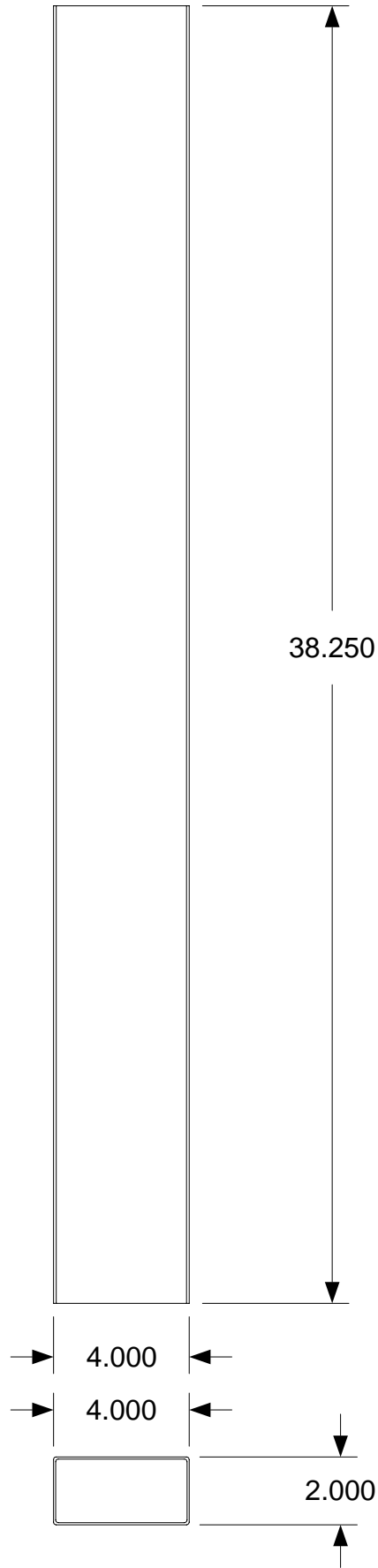
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB3 Detail 3
MODEL(S): Hartford
PAGE 63



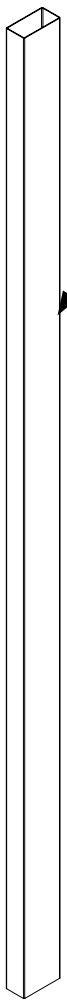
DRAWING	
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB4 Detail 4	
MODEL(S): Hartford	
PAGE 64	



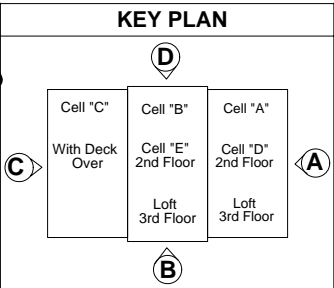
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB2 Detail 5
MODEL(S): Hartford
PAGE 65



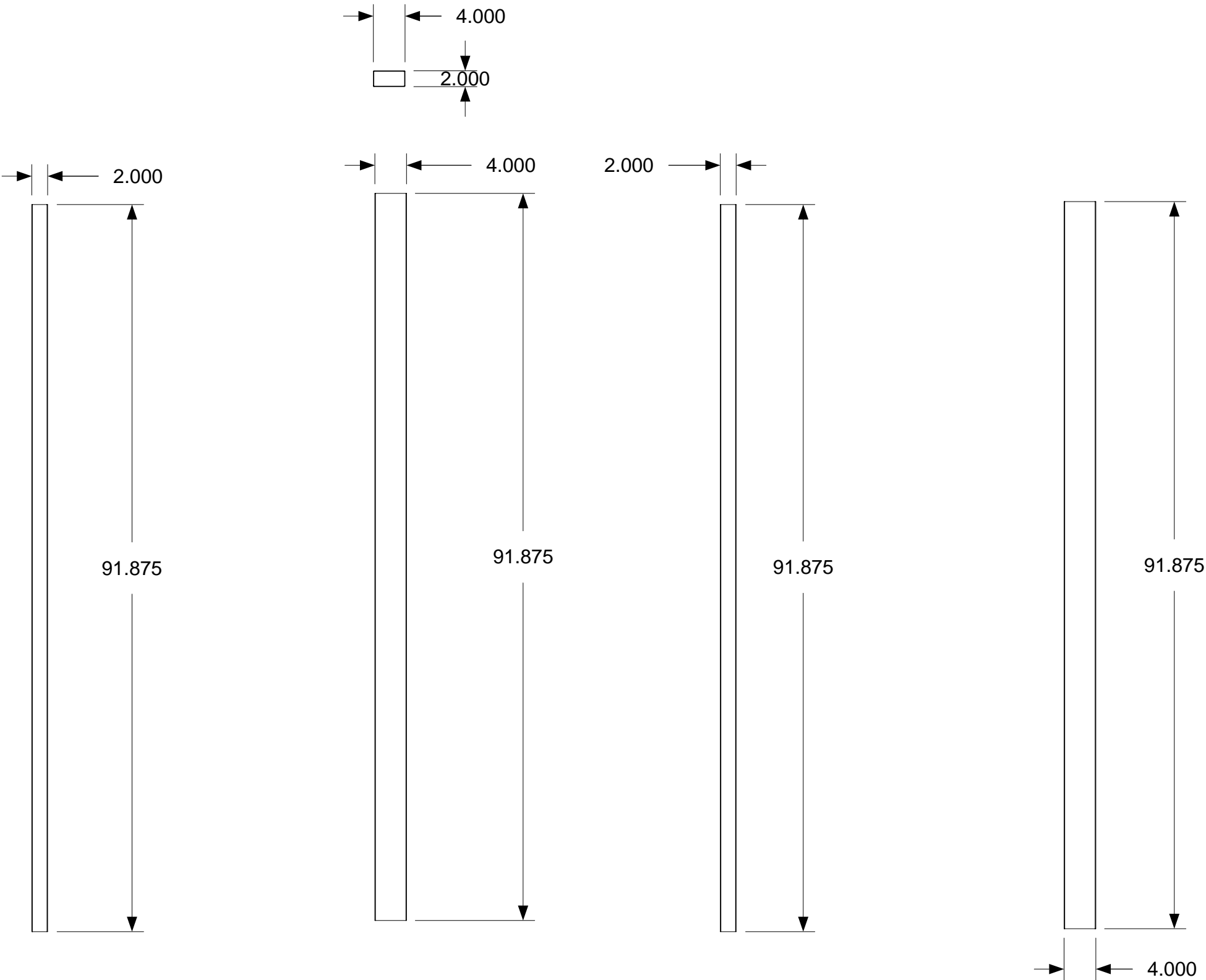
DRAWING	
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB5 Detail 6	
MODEL(S): Hartford	
PAGE 66	

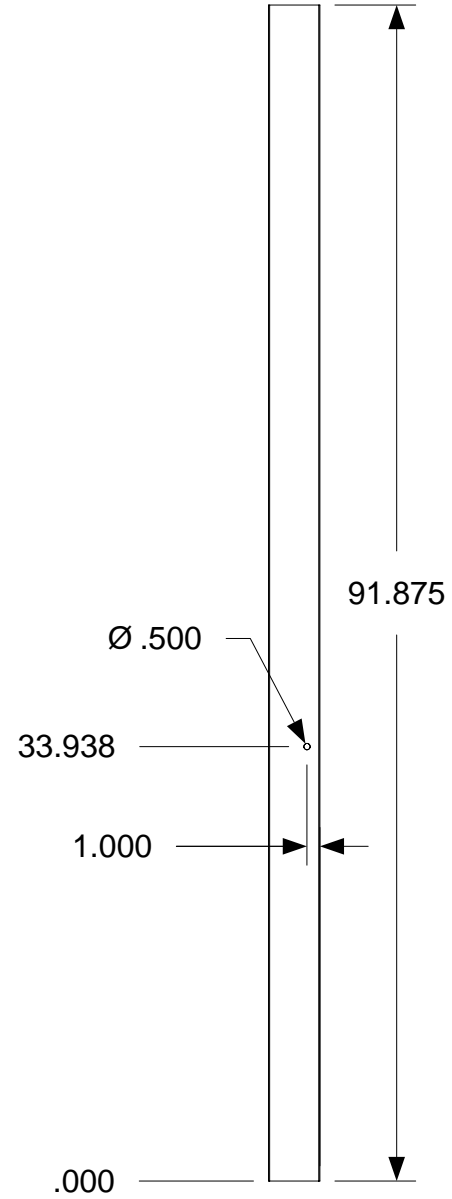
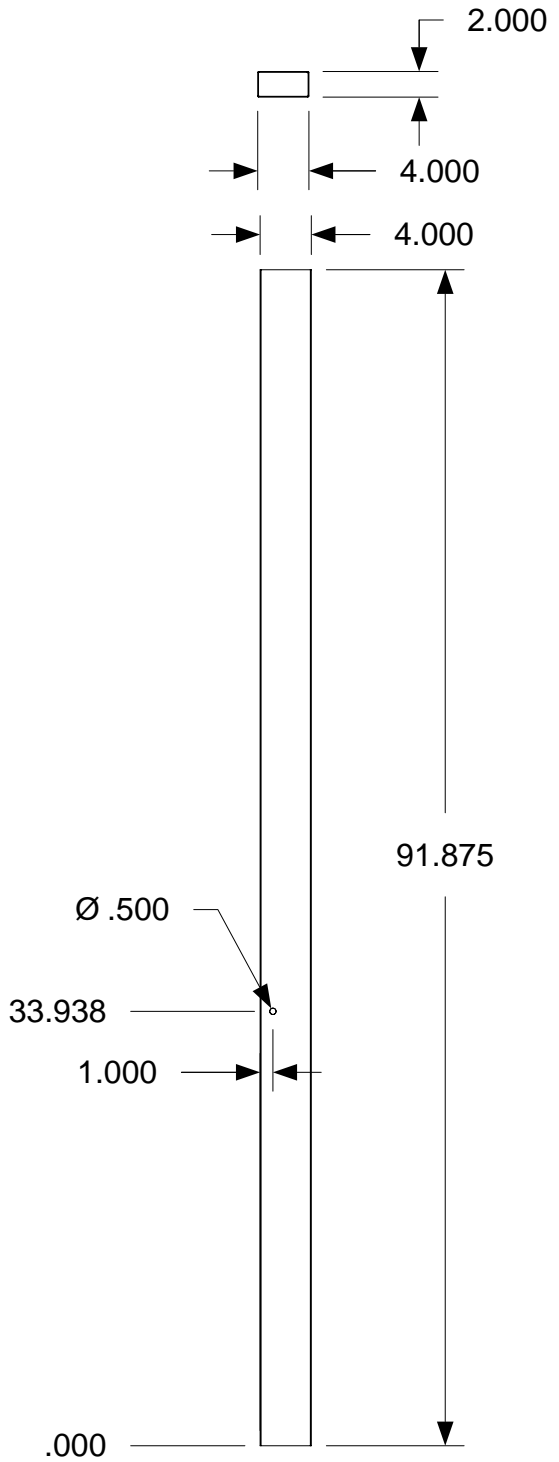


CAEWB7



DRAWING	
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB7 Detail 7	
MODEL(S): Hartford	
PAGE 67	



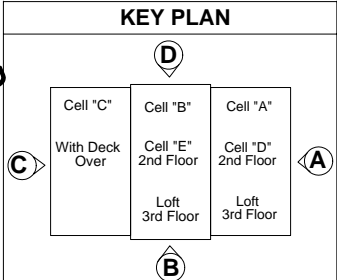


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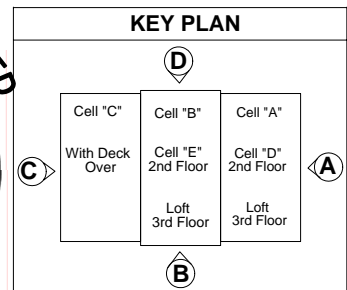
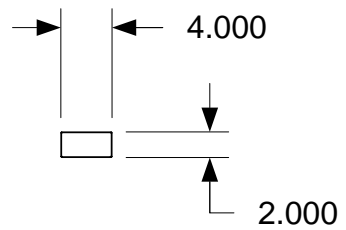
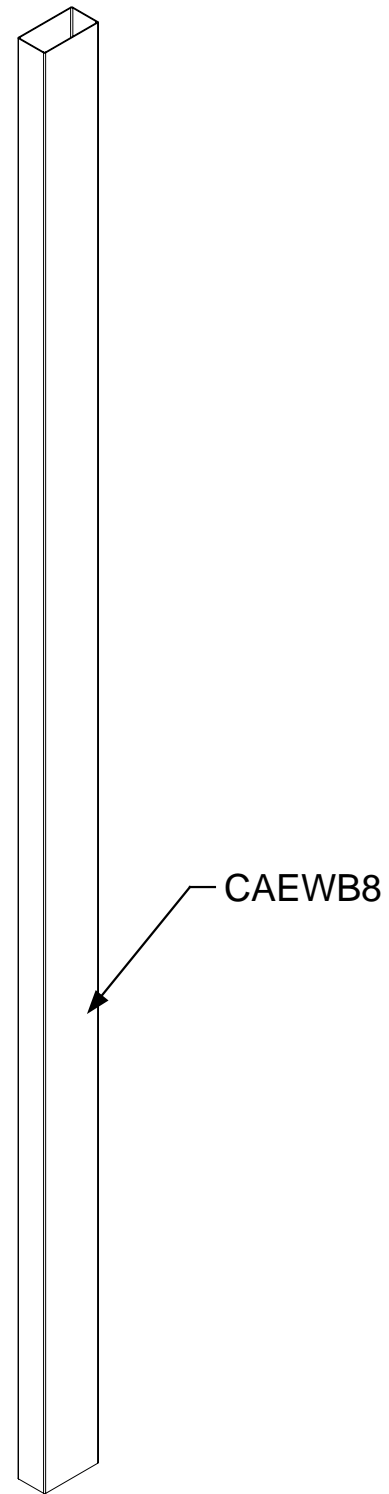
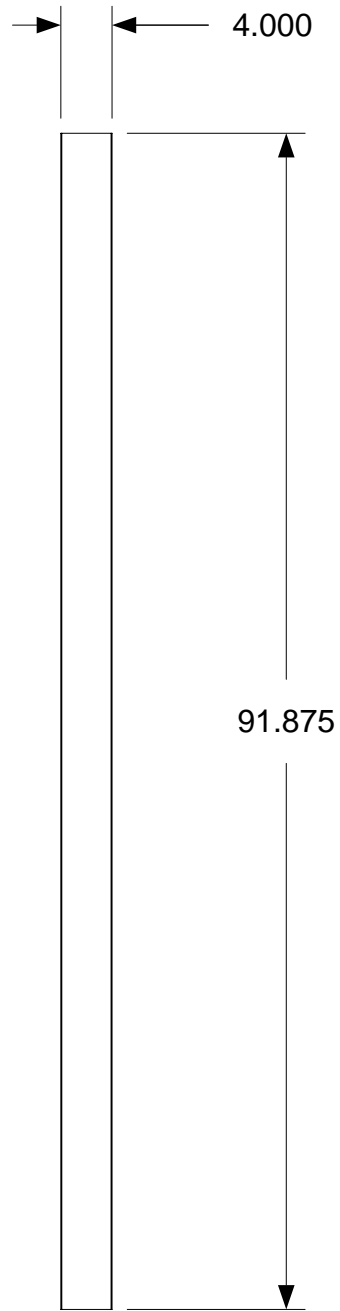
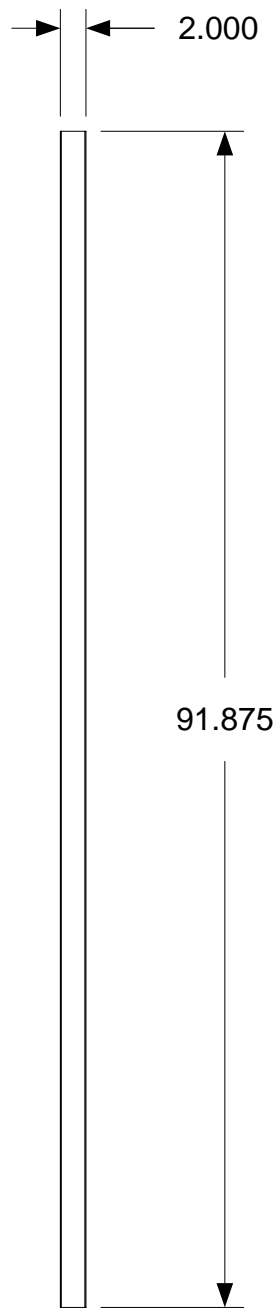
Manufacturing
Cell A
View B
Assembly-Exterior
wall
Sub-assembly
CAEWB10
Detail 8

MODEL(S): Hartford

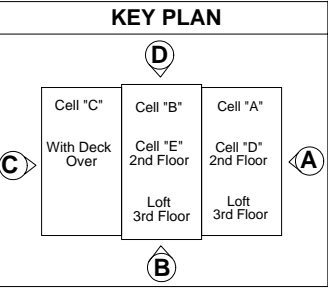
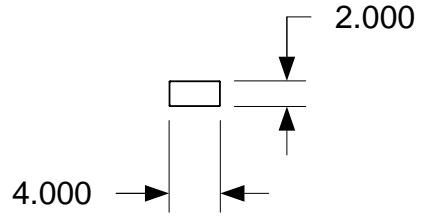
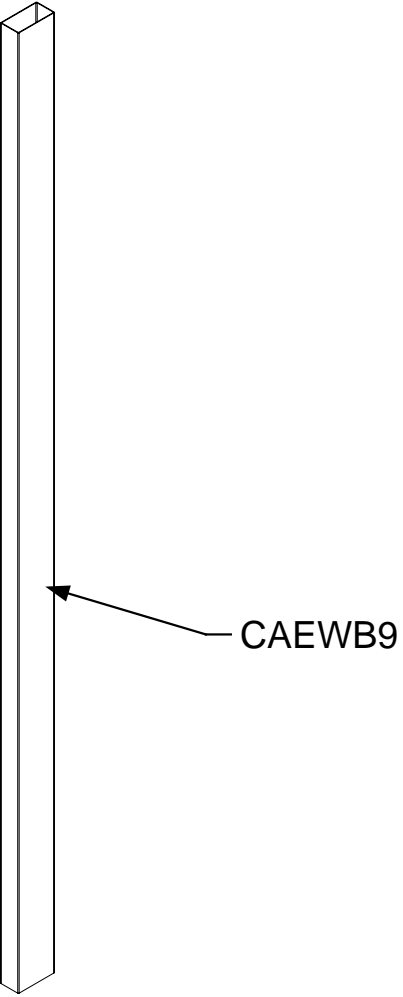
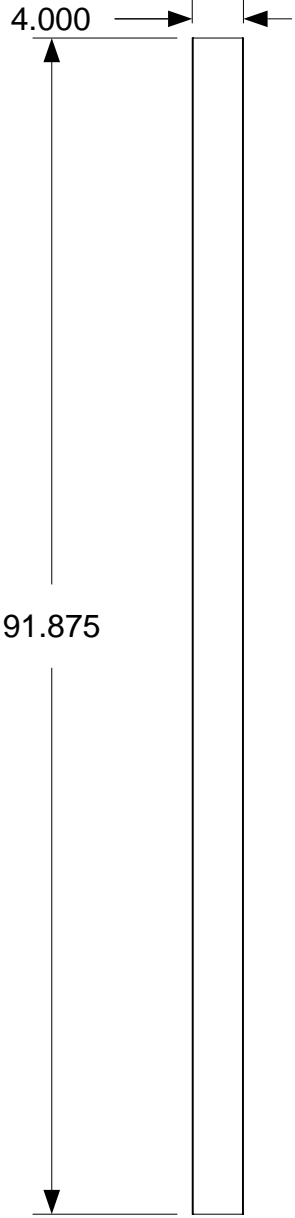
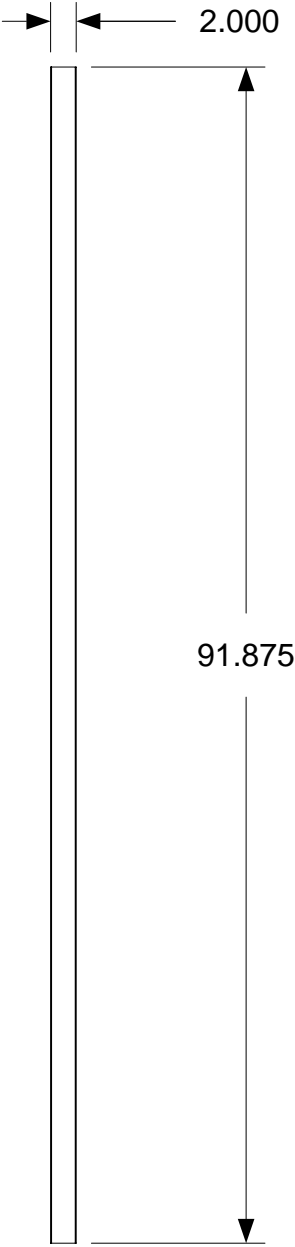
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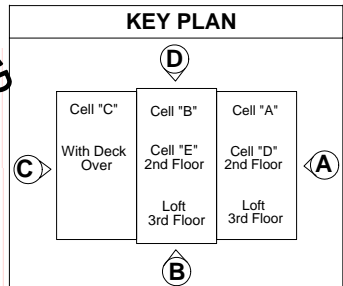
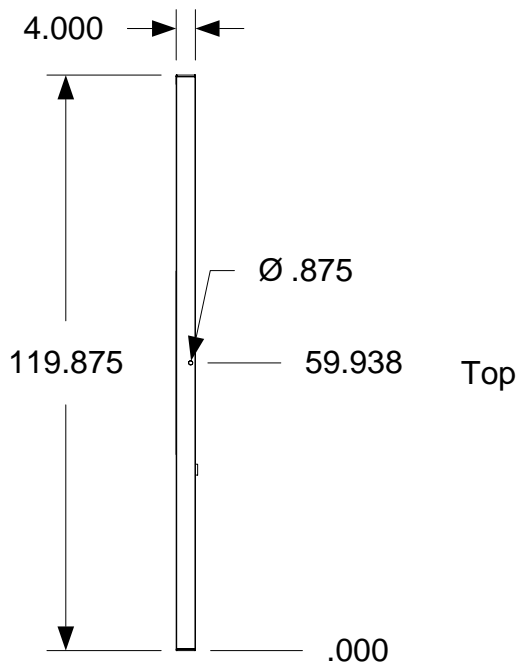
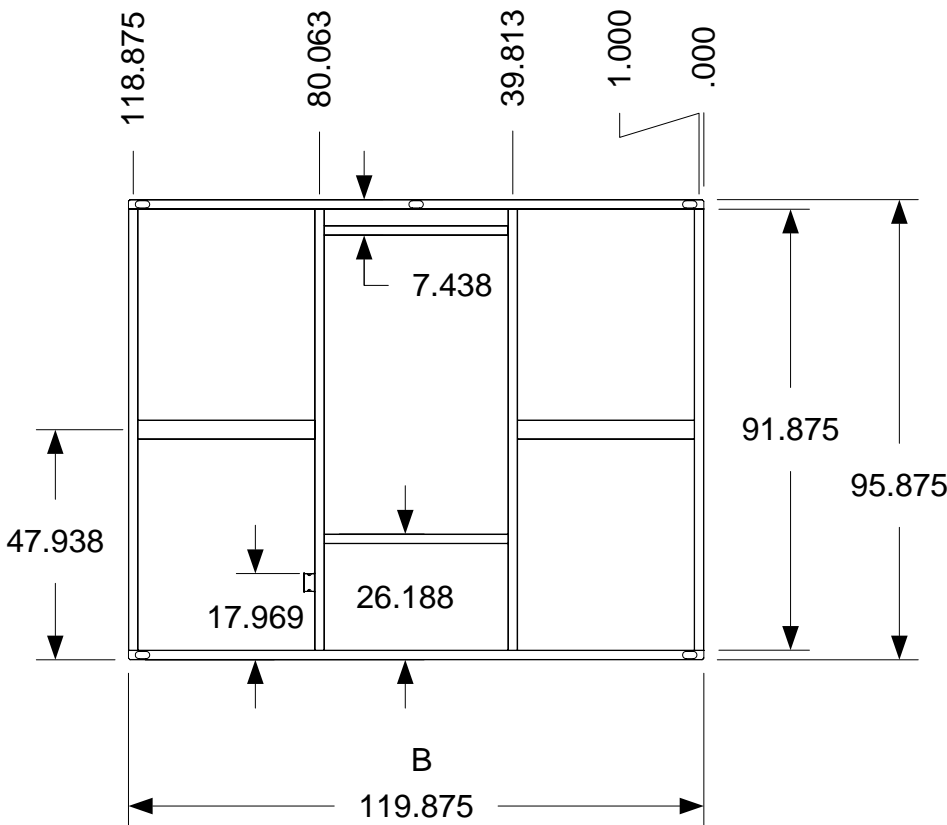
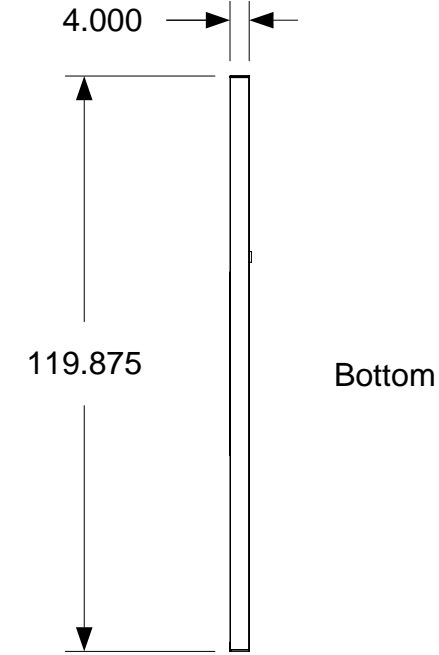
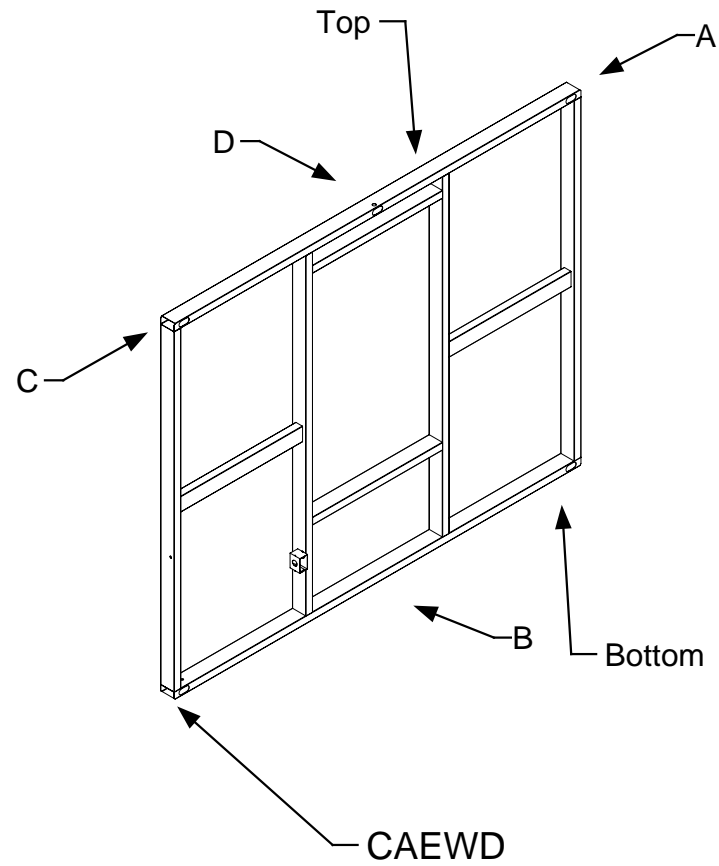
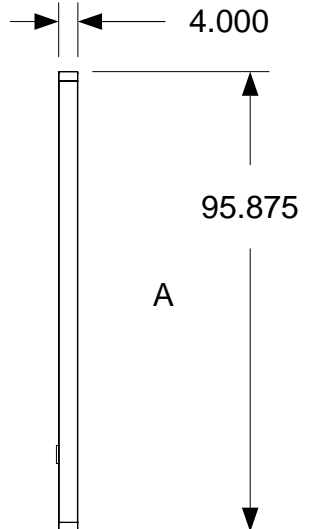
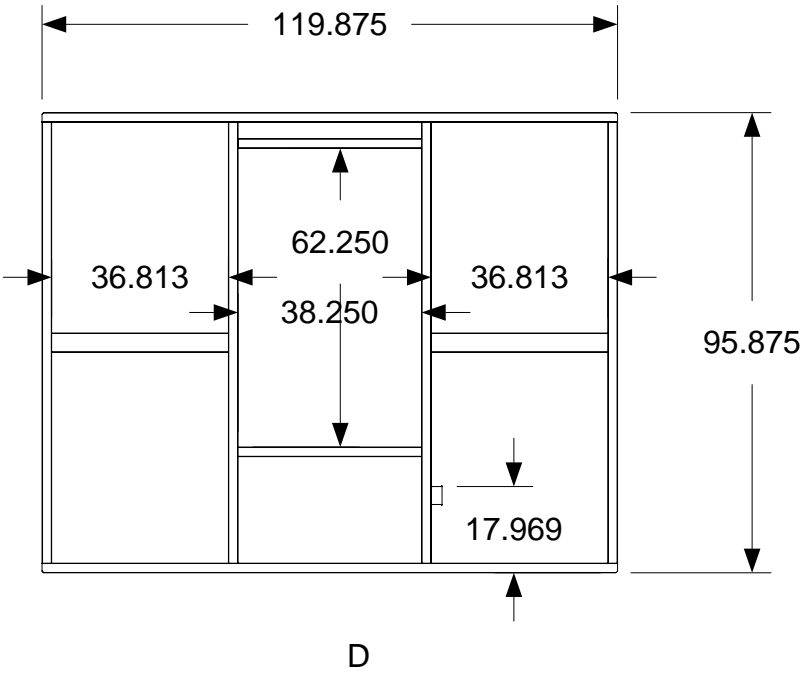
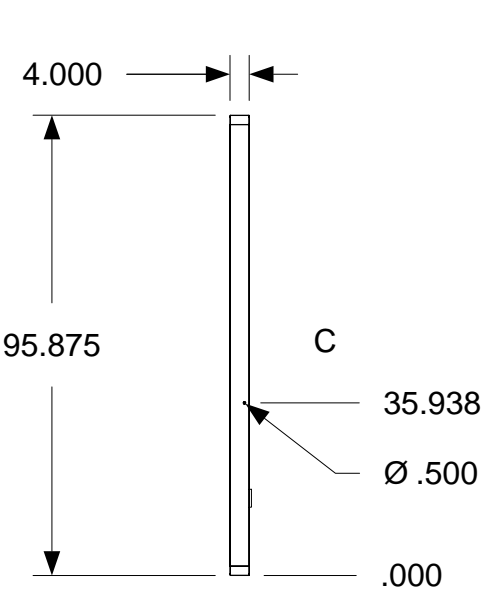
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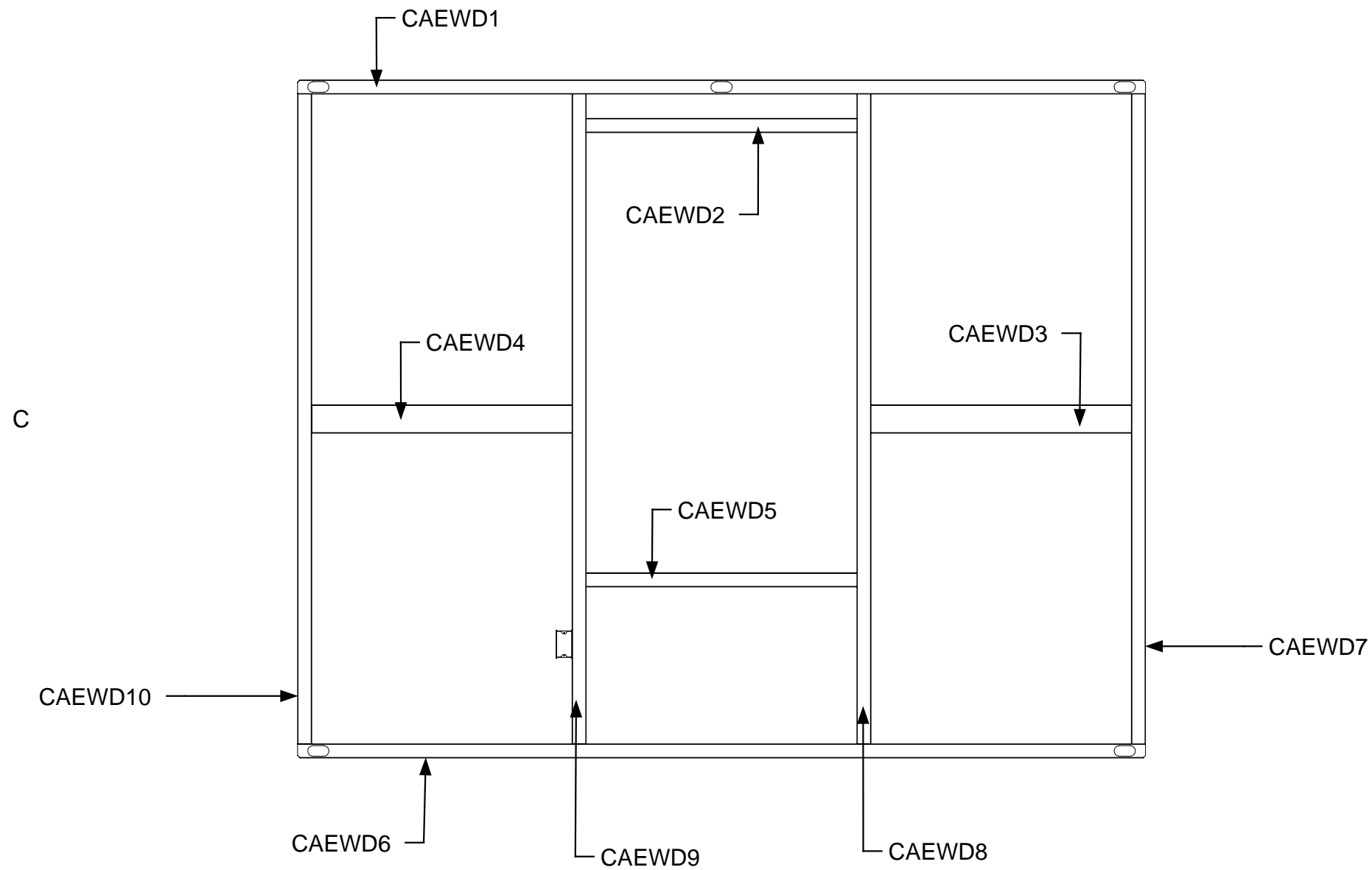
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB8 Detail 9
MODEL(S): Hartford
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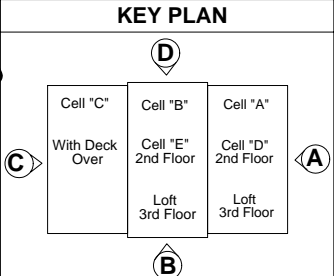
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly CAEWB9 Detail 10
MODEL(S): Hartford
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DRAWING
Manufacturing Cell A View D Assembly-Exterior wall CAEWD
MODEL(S): Hartford
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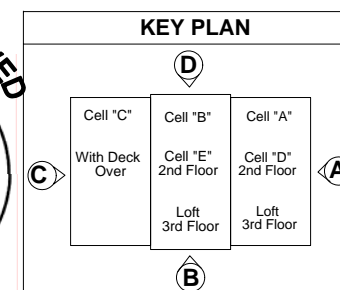
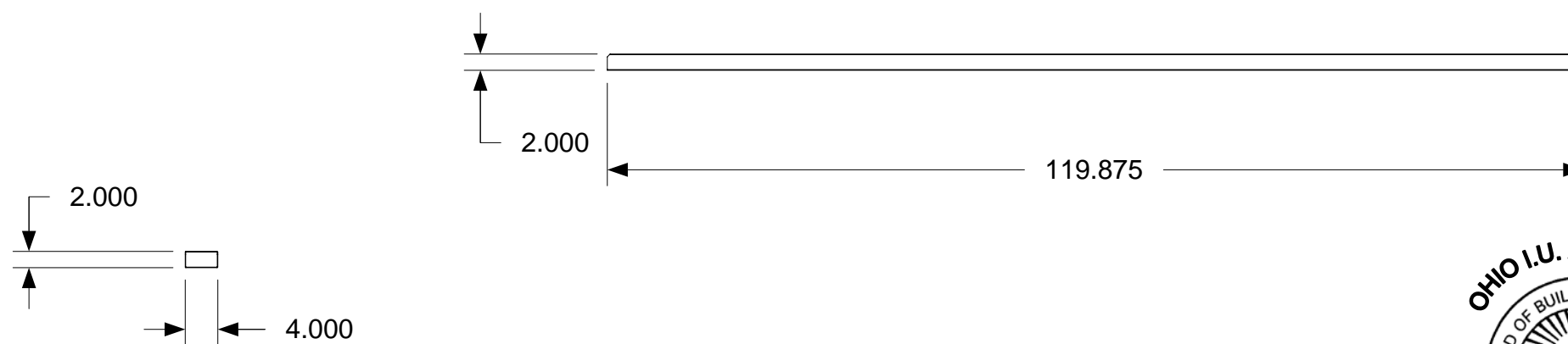
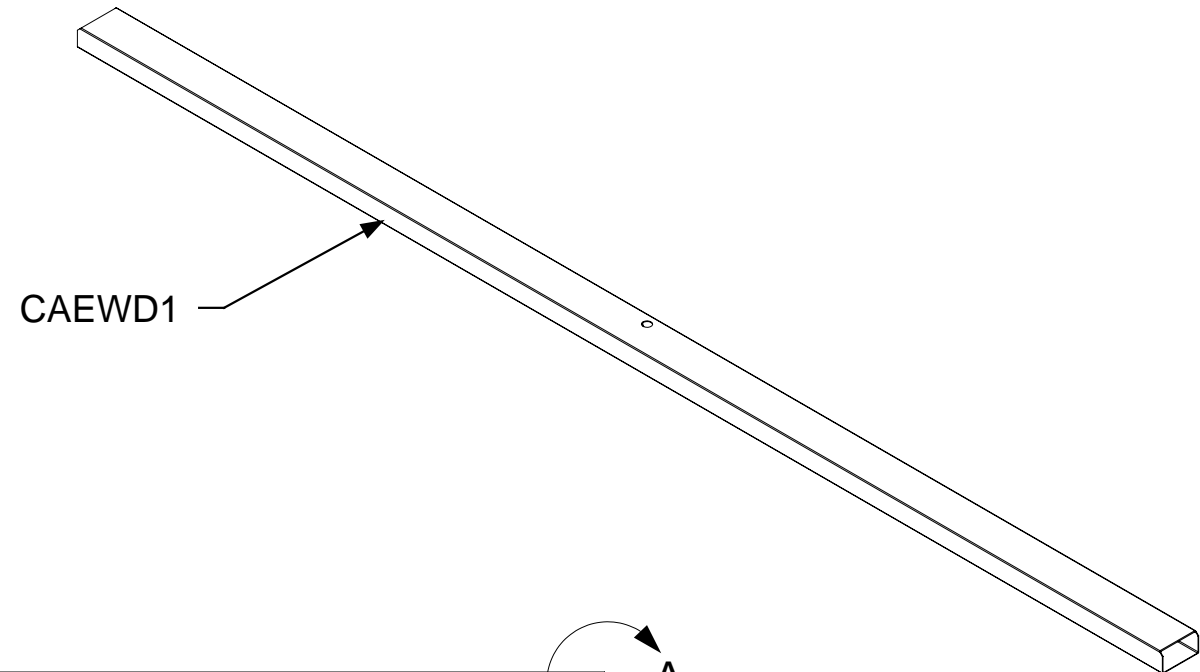
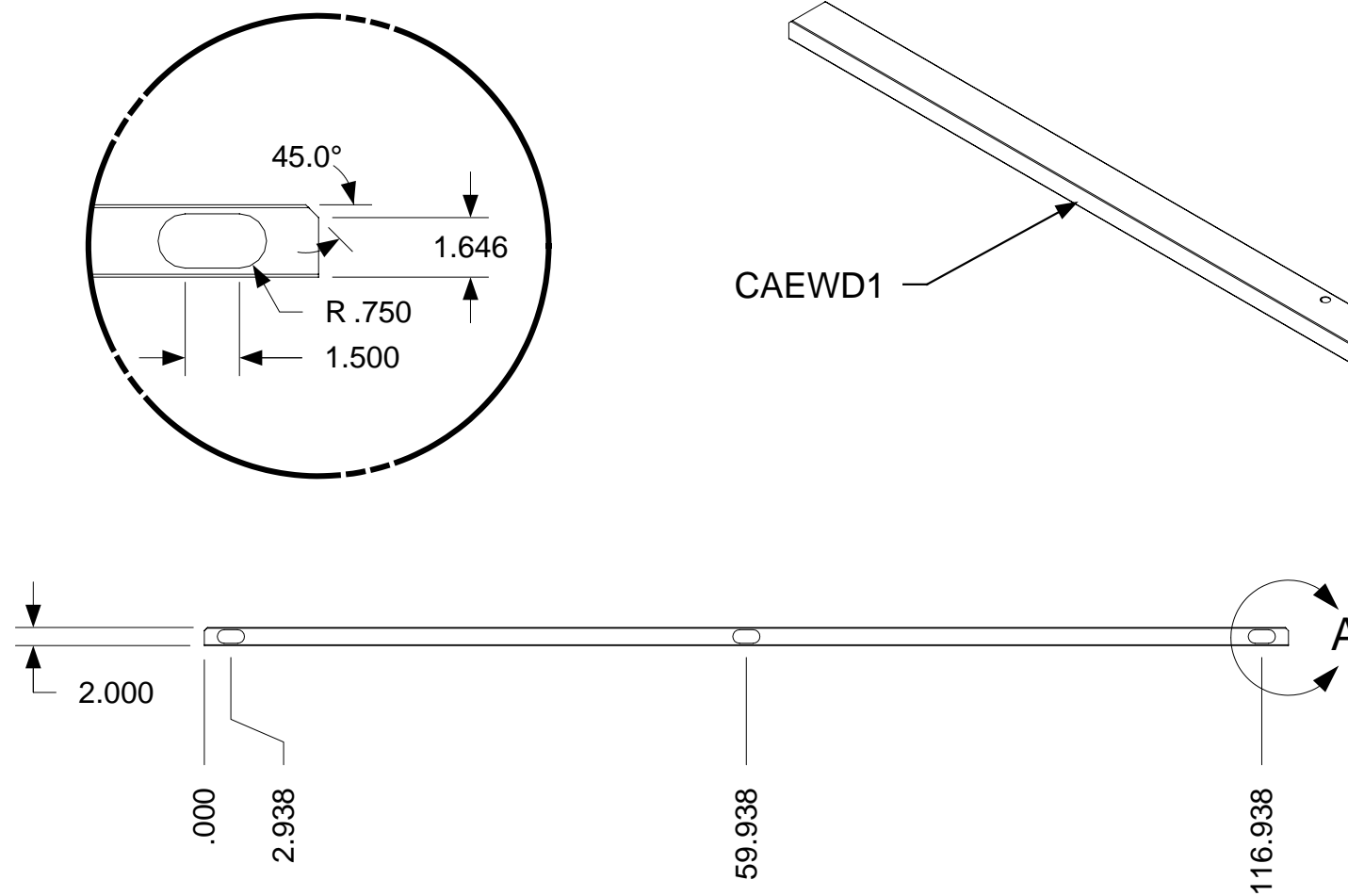
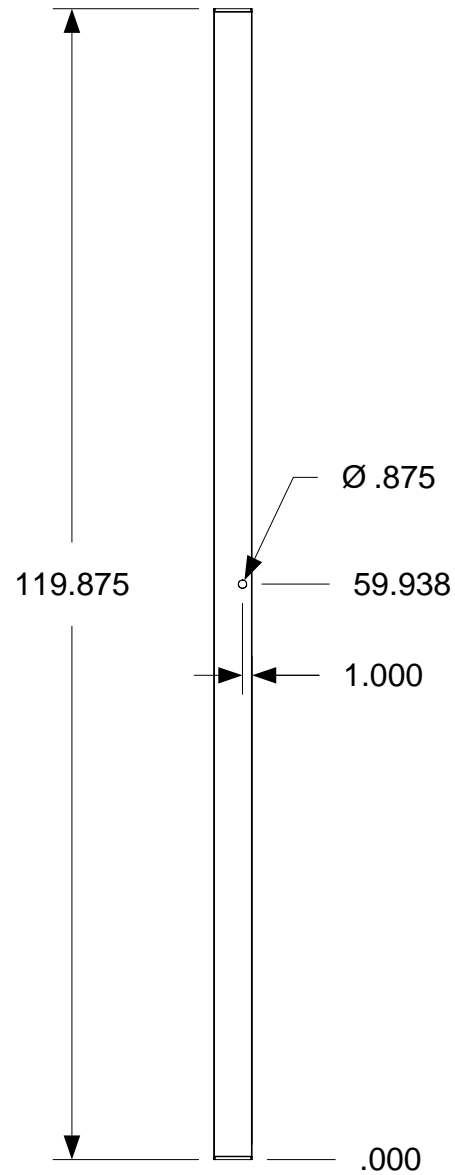
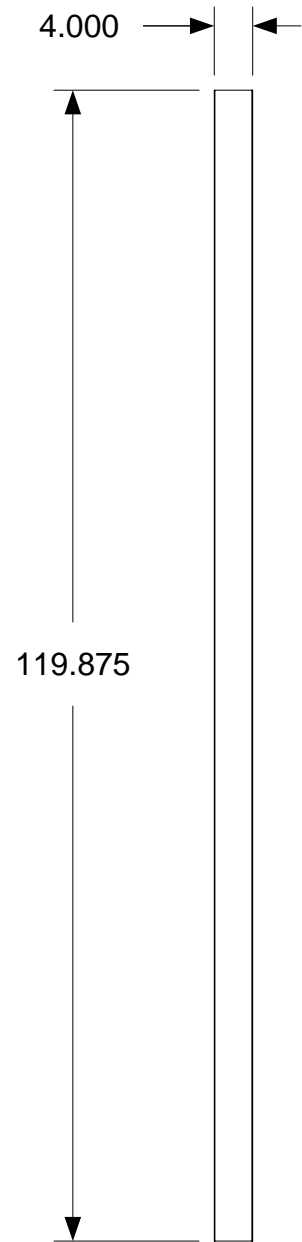
View B



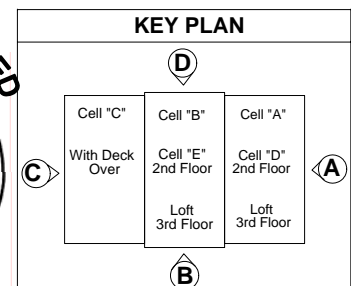
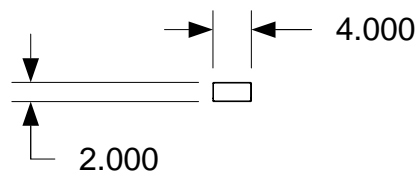
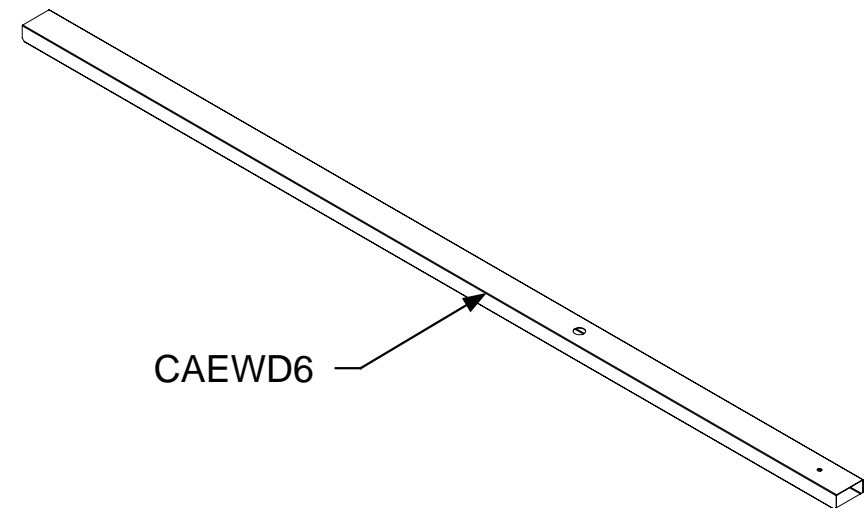
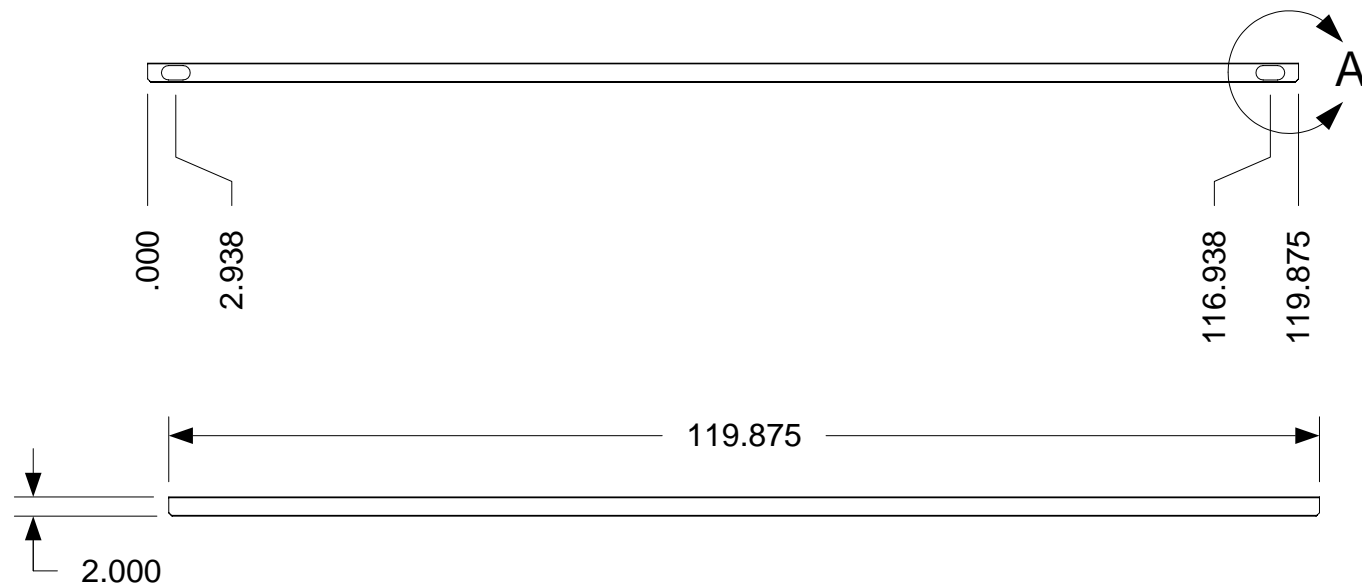
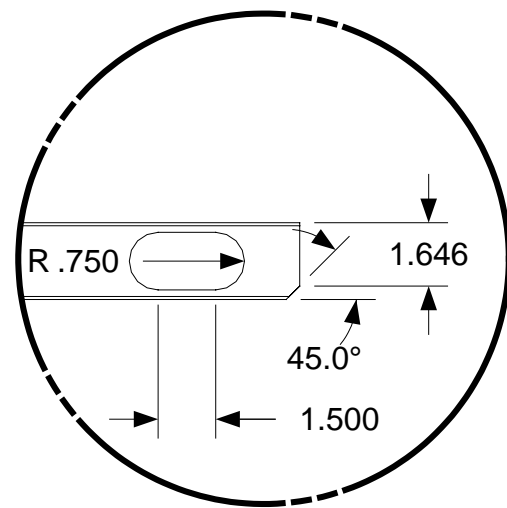
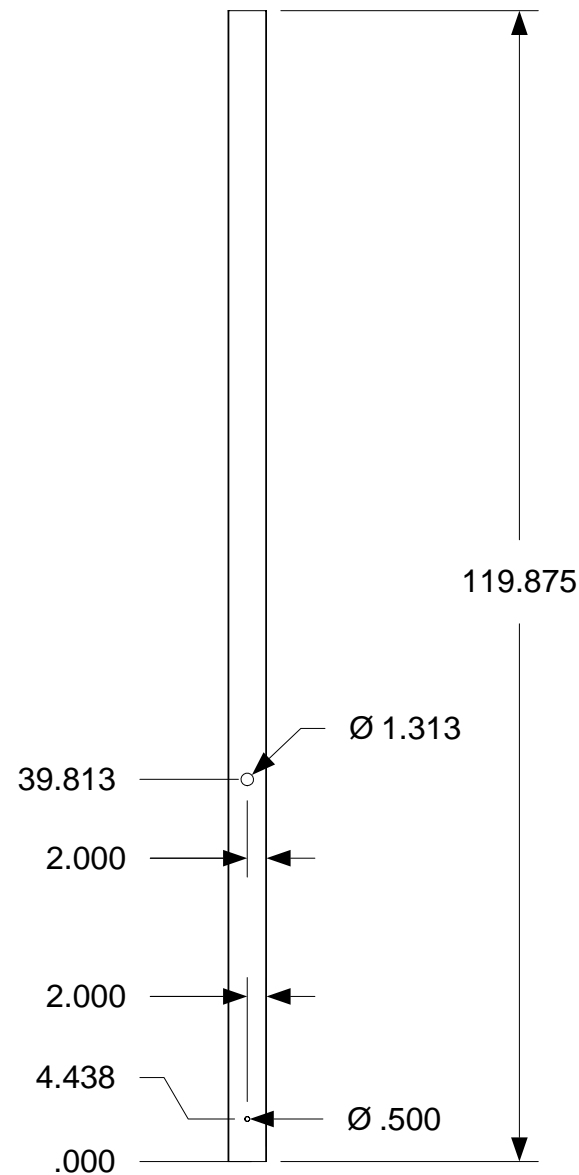
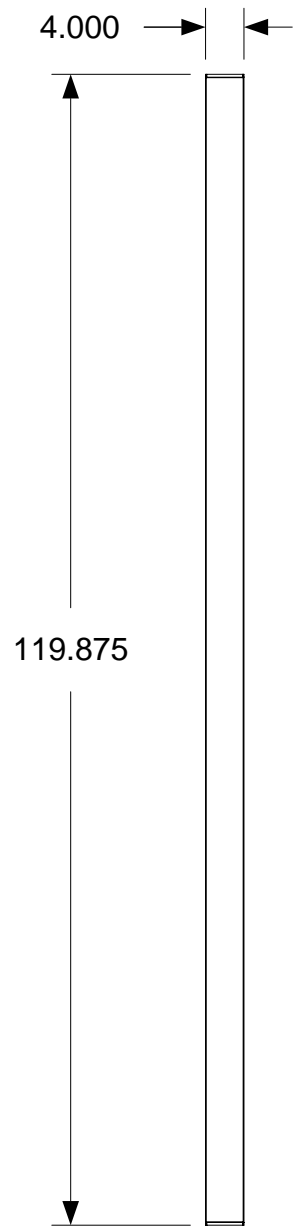
April 11, 2006
PDG Domus 060323-1



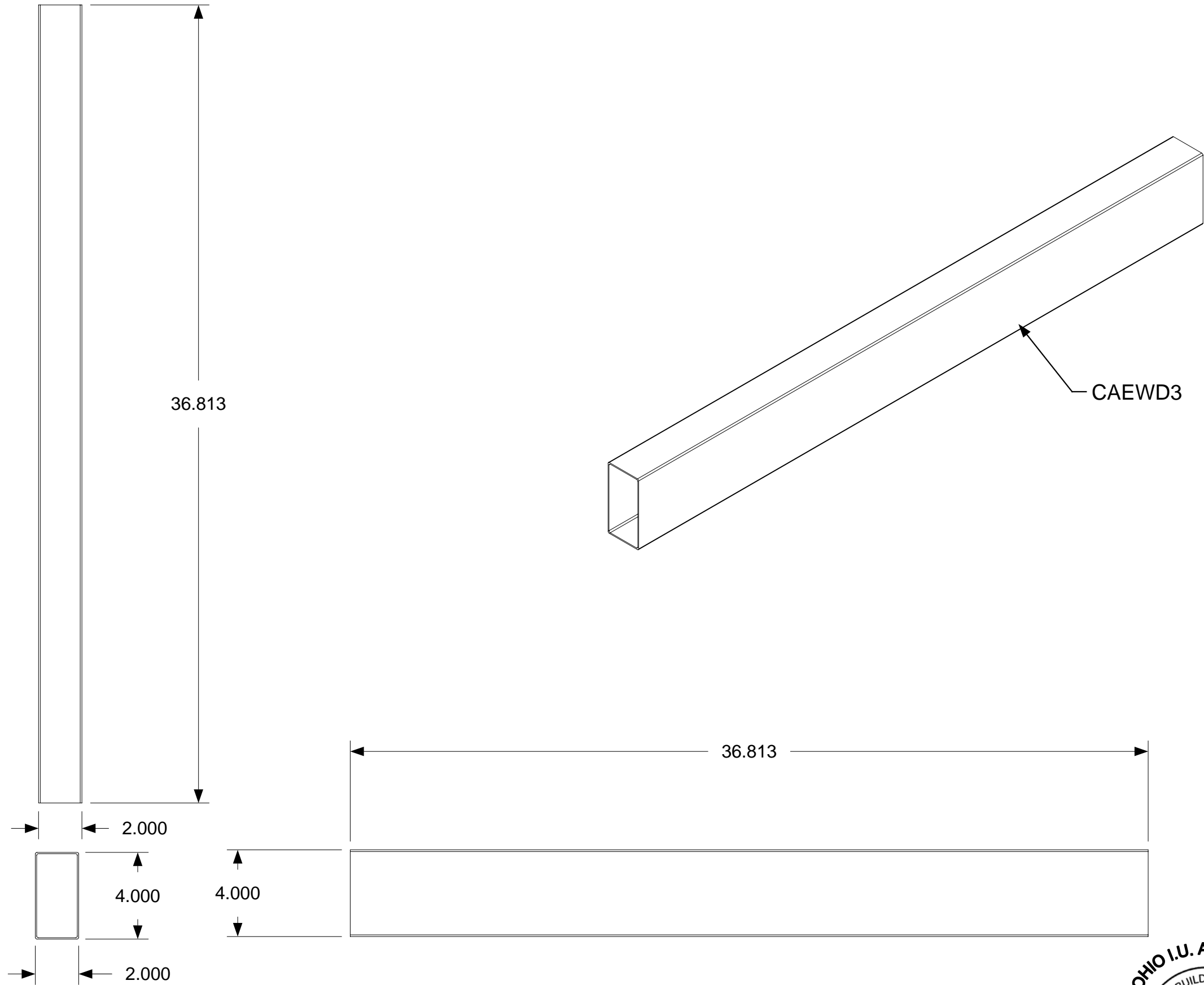
DRAWING
Manufacturing Cell A View B Assembly-Exterior wall Sub-assembly Parts identification CAEWD
MODEL(S): Hartford
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DRAWING
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD1 Detail 1
MODEL(S): Hartford
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DRAWING
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD6 Detail 2
MODEL(S): Hartford
PAGE 74

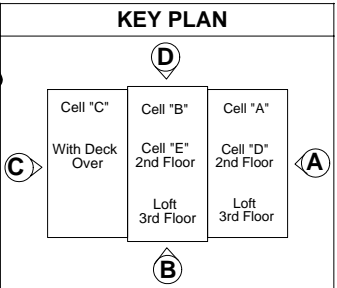


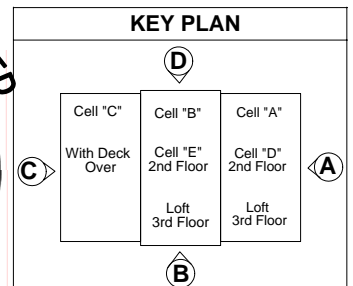
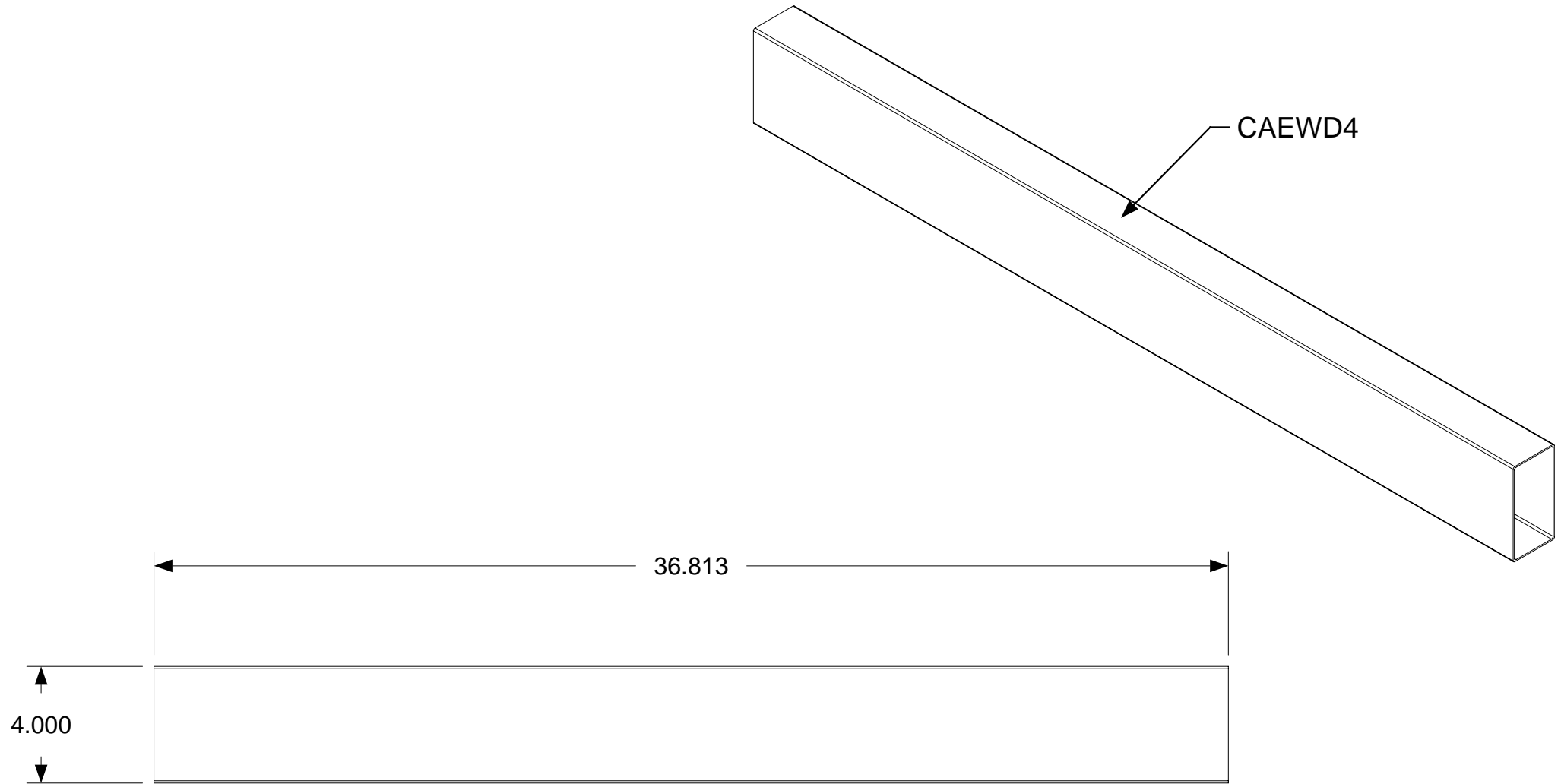
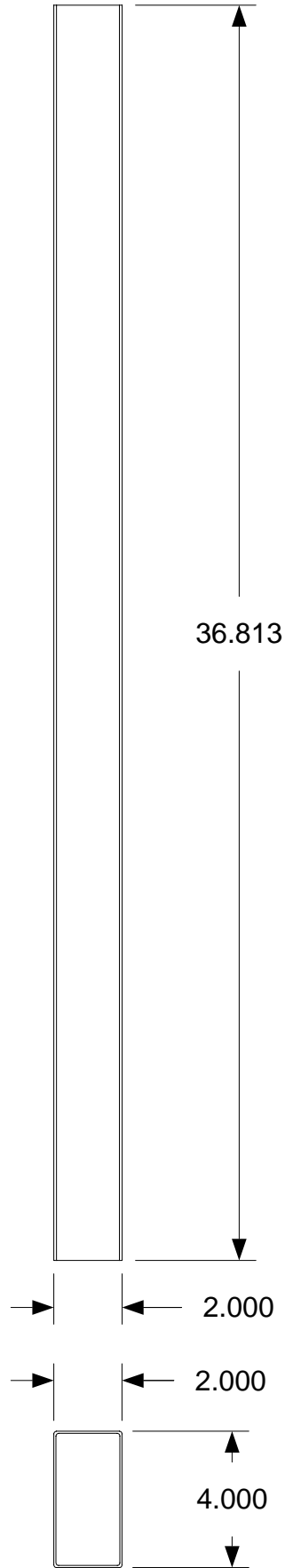
DRAWING

Manufacturing
Cell A
View D
Assembly-Exterior
wall
Sub-assembly
CAEWD3
Detail 3

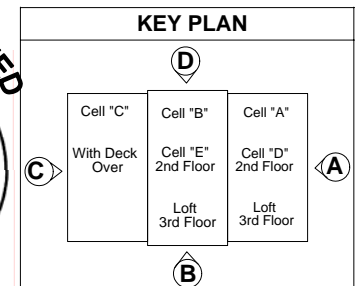
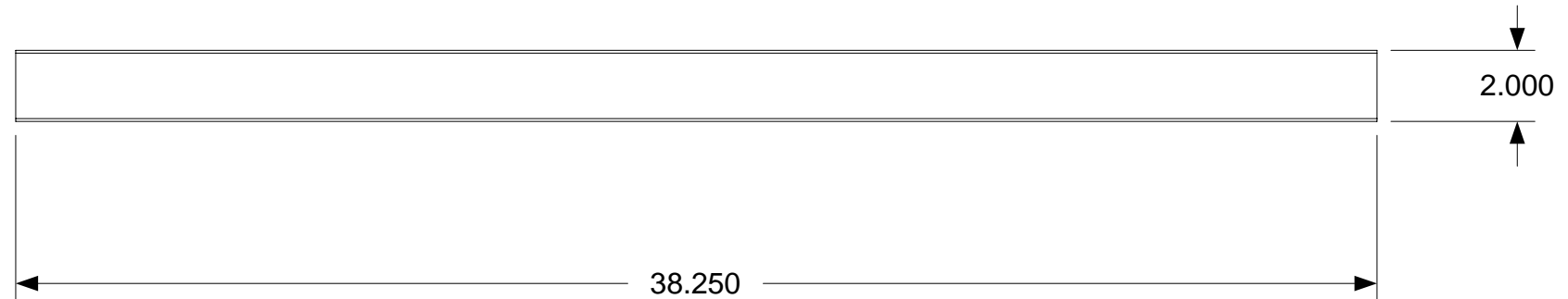
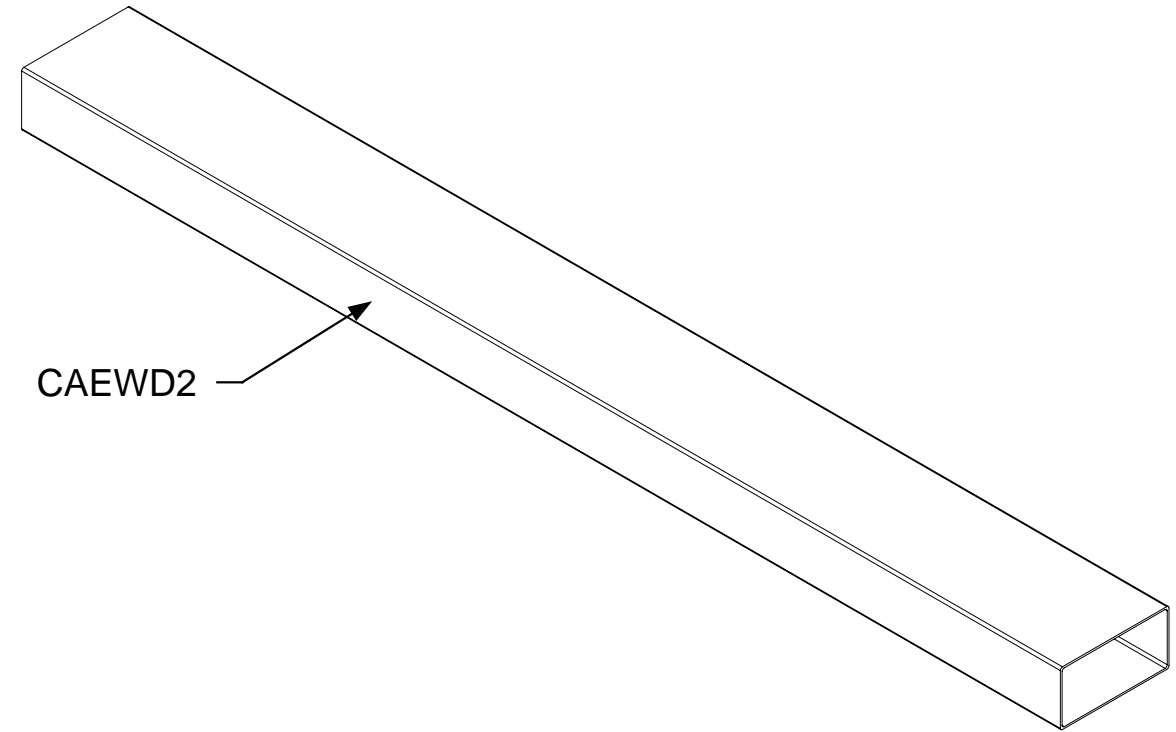
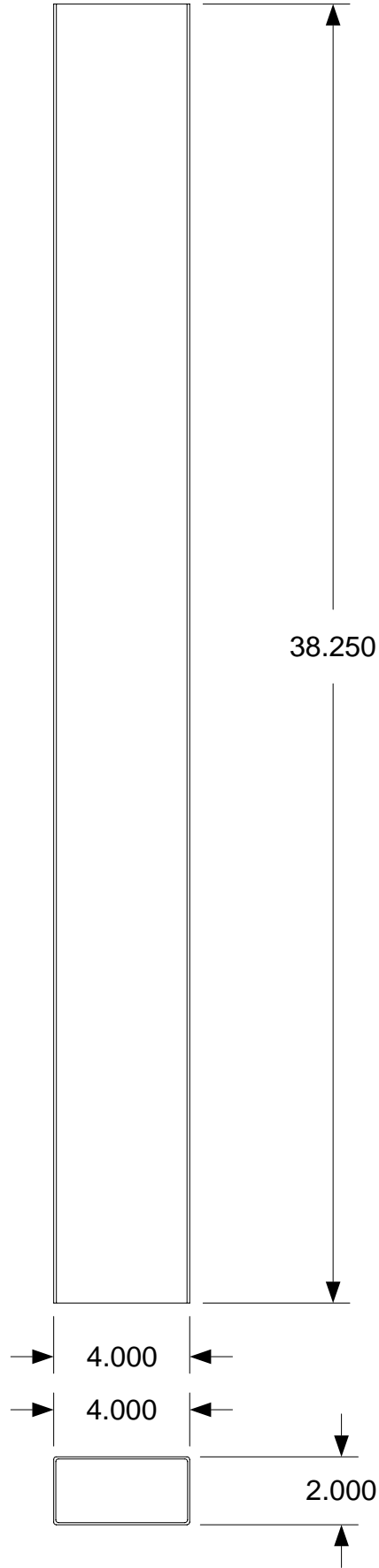
MODEL(S): Hartford

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DRAWING
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD4 Detail 4
MODEL(S): Hartford
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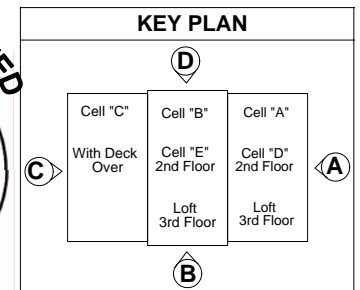
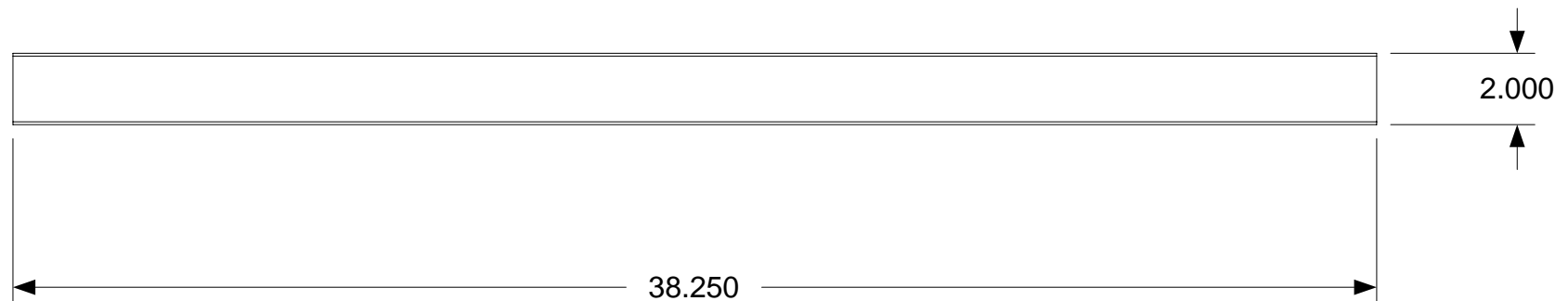
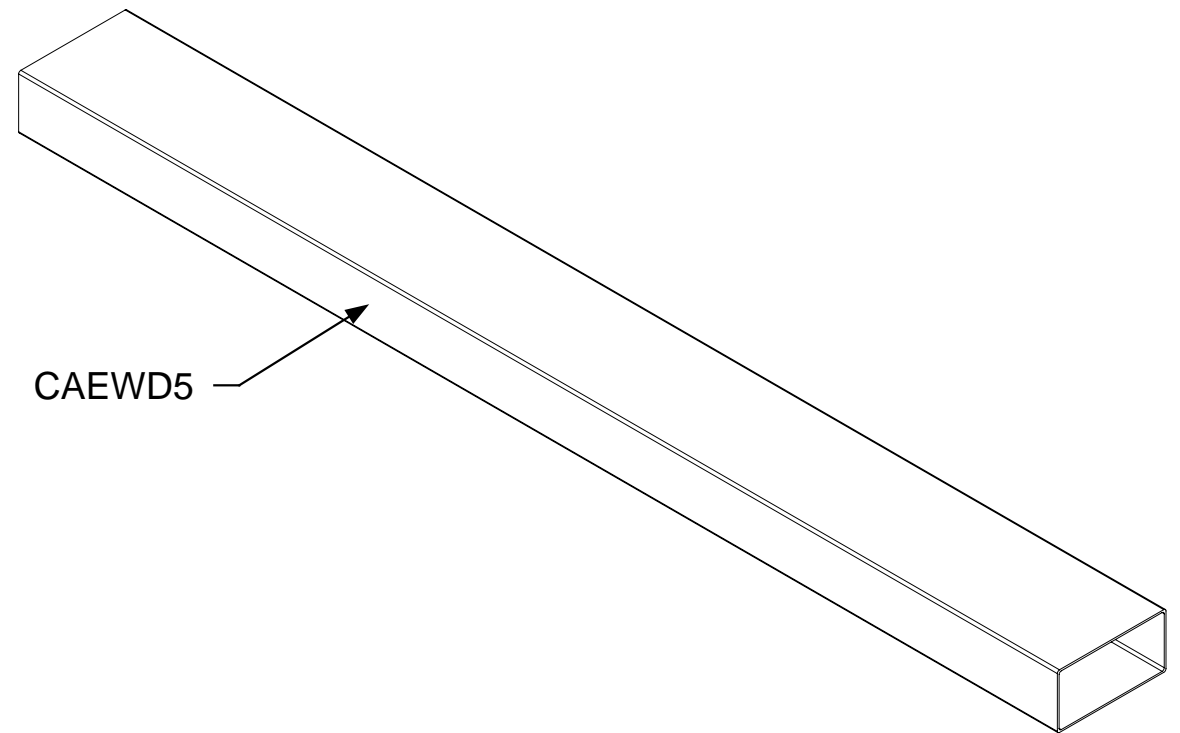
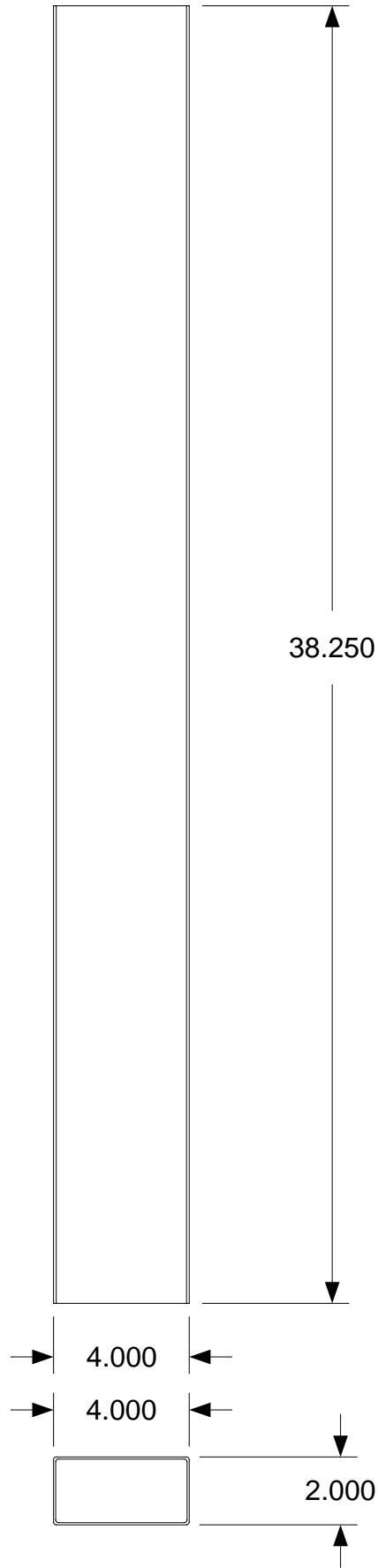


DRAWING

Manufacturing
Cell A
View D
Assembly-Exterior
wall
Sub-assembly
CAEWD2
Detail 5

MODEL(S): Hartford

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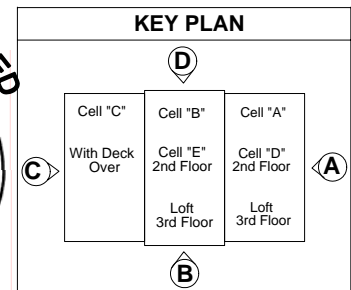
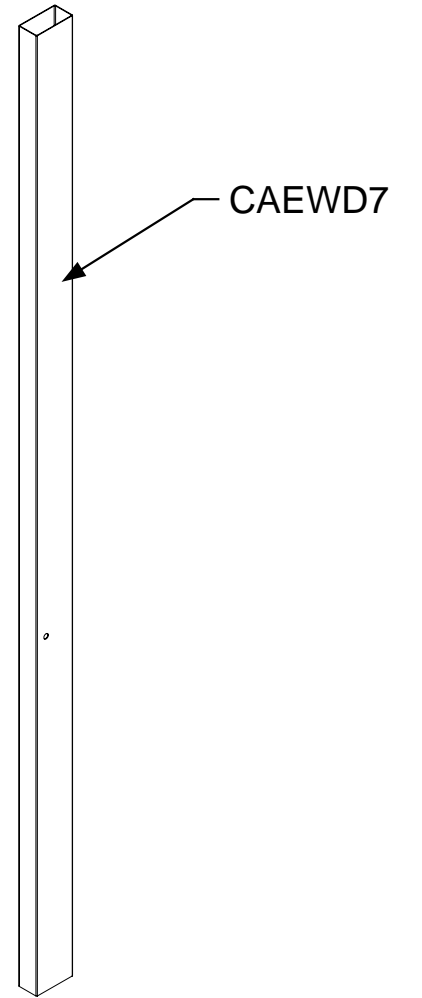
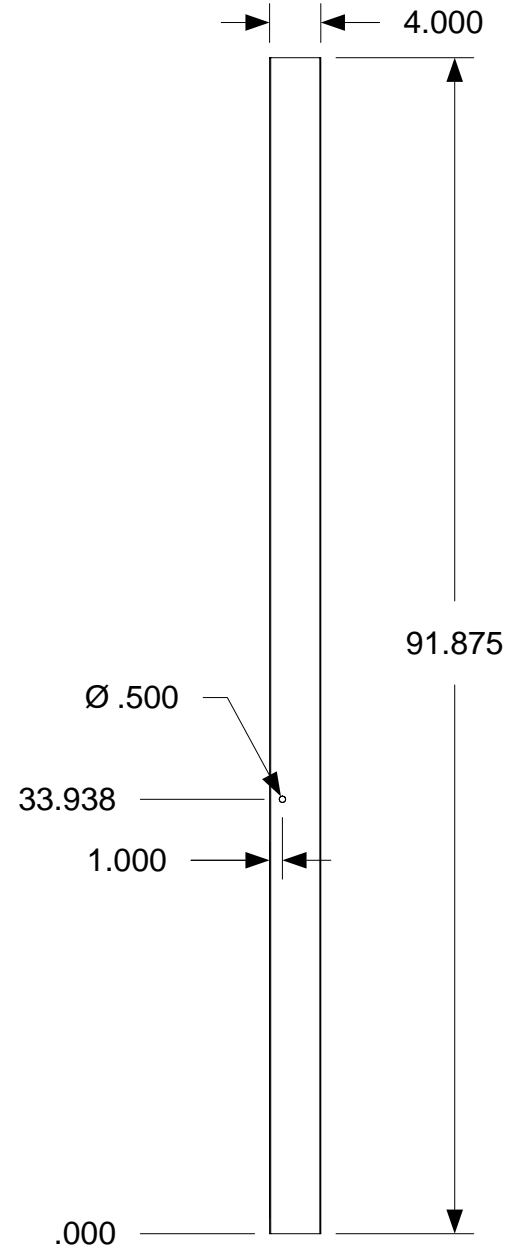
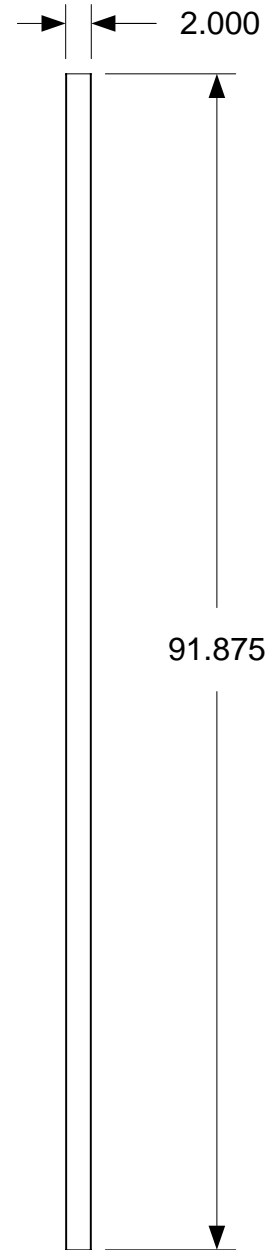
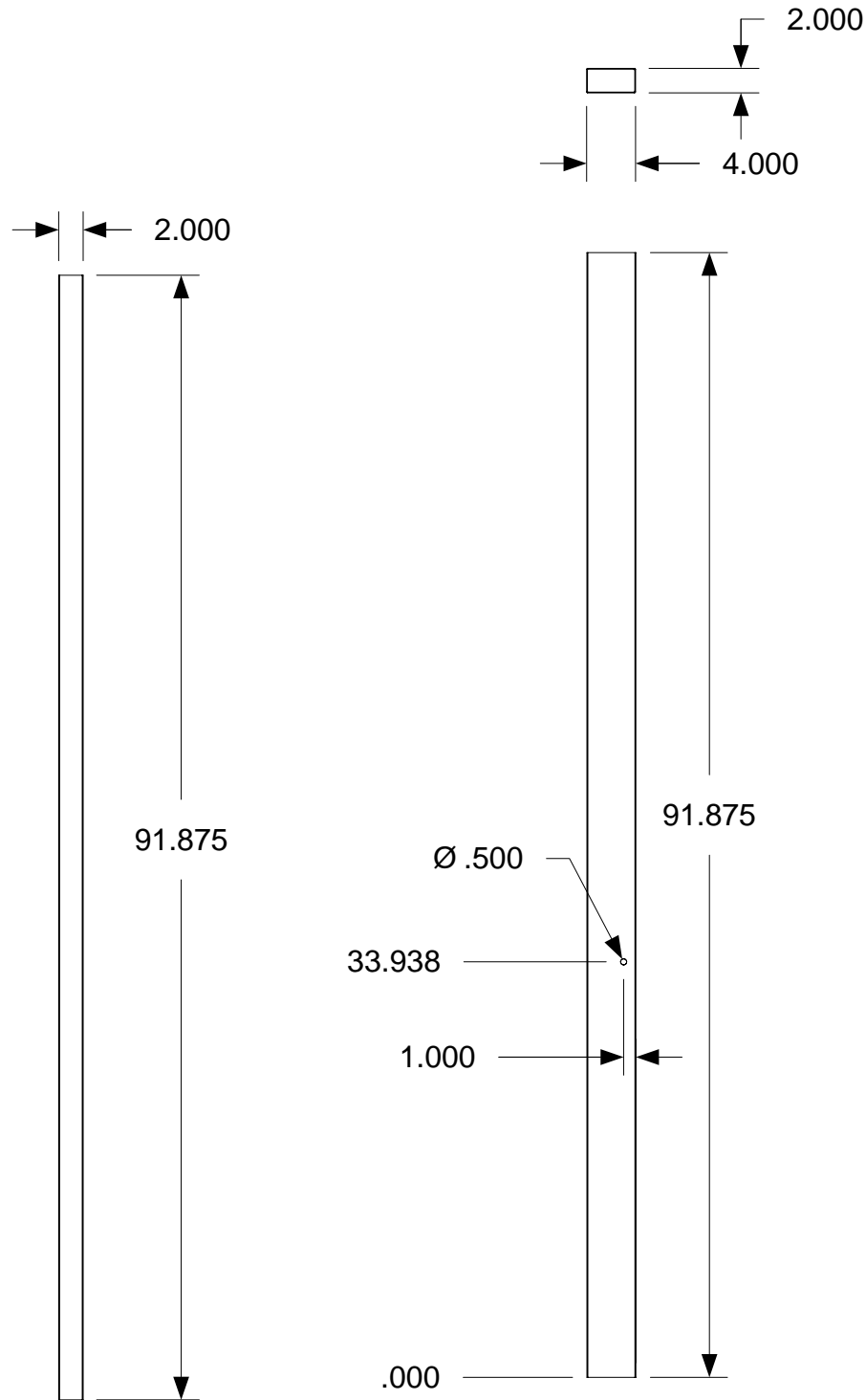


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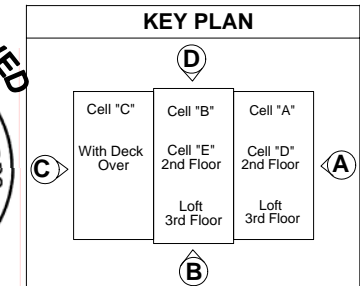
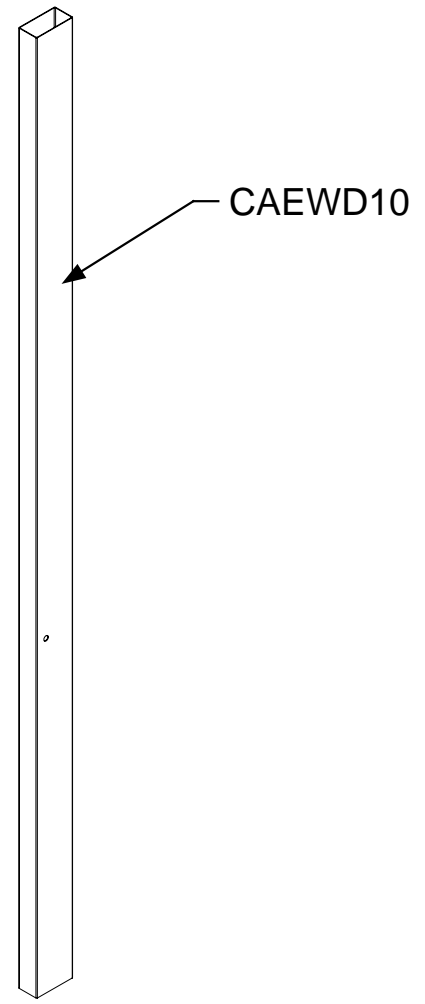
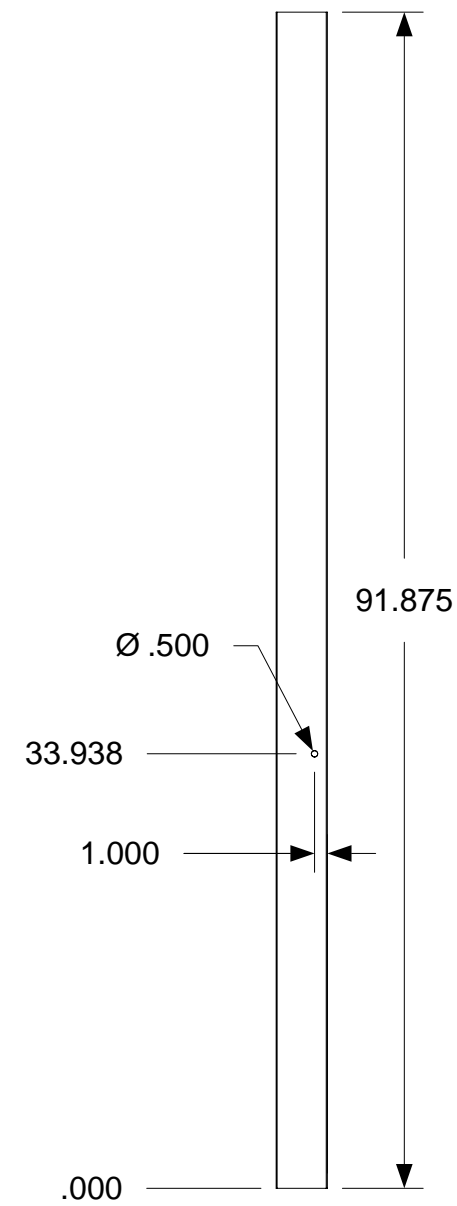
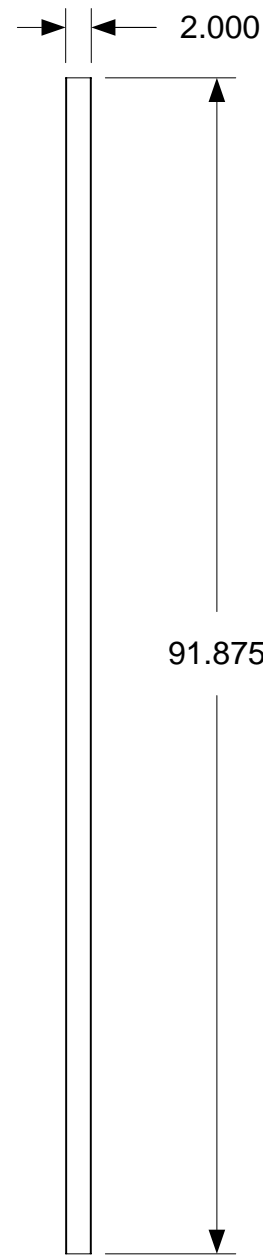
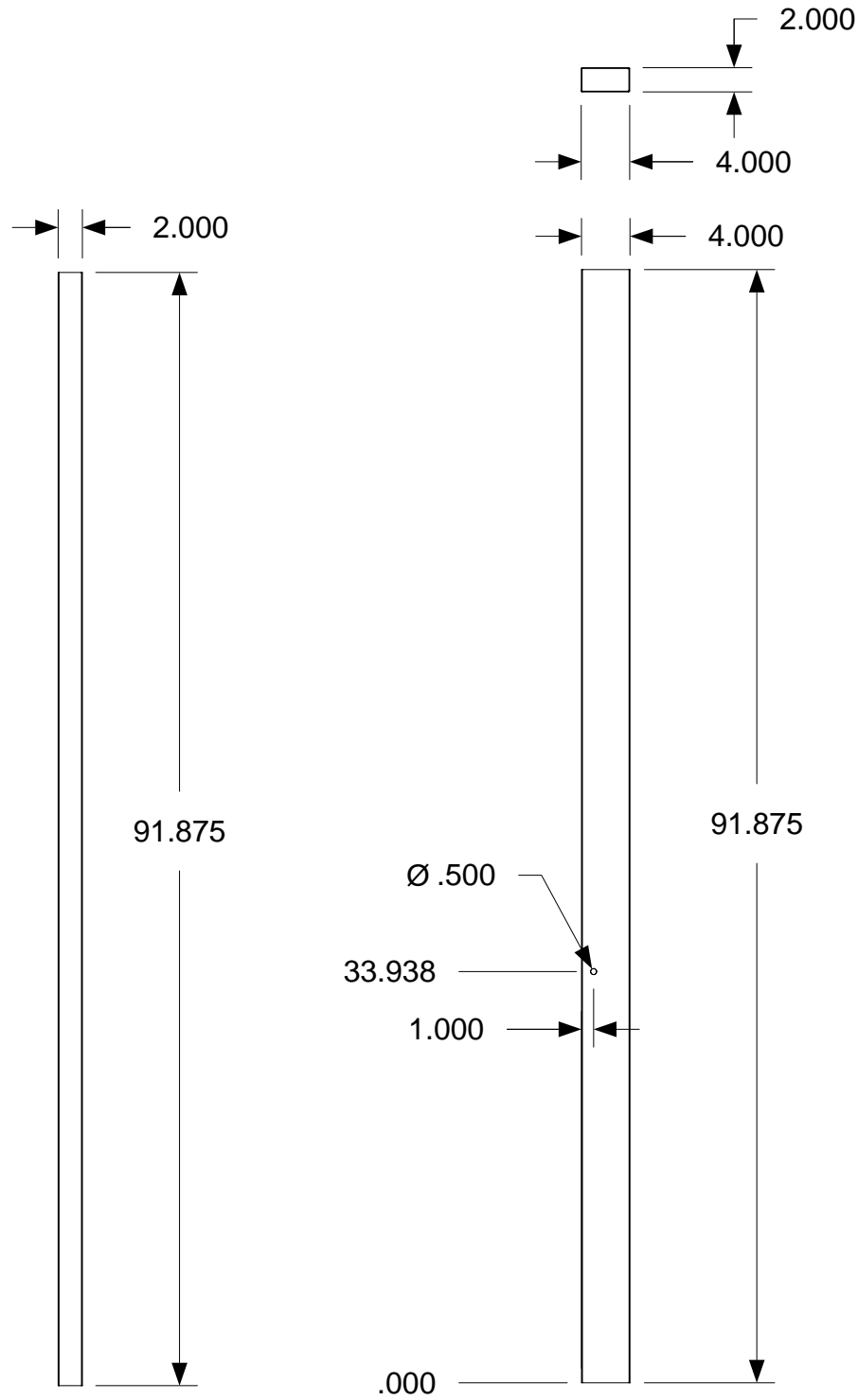
Manufacturing
Cell A
View D
Assembly-Exterior
wall
Sub-assembly
CAEWD5
Detail 6

MODEL(S): Hartford

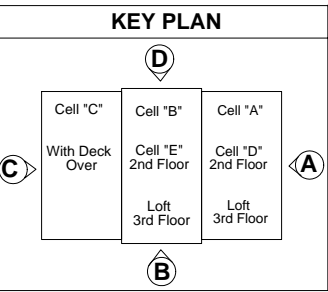
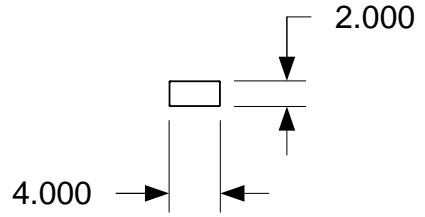
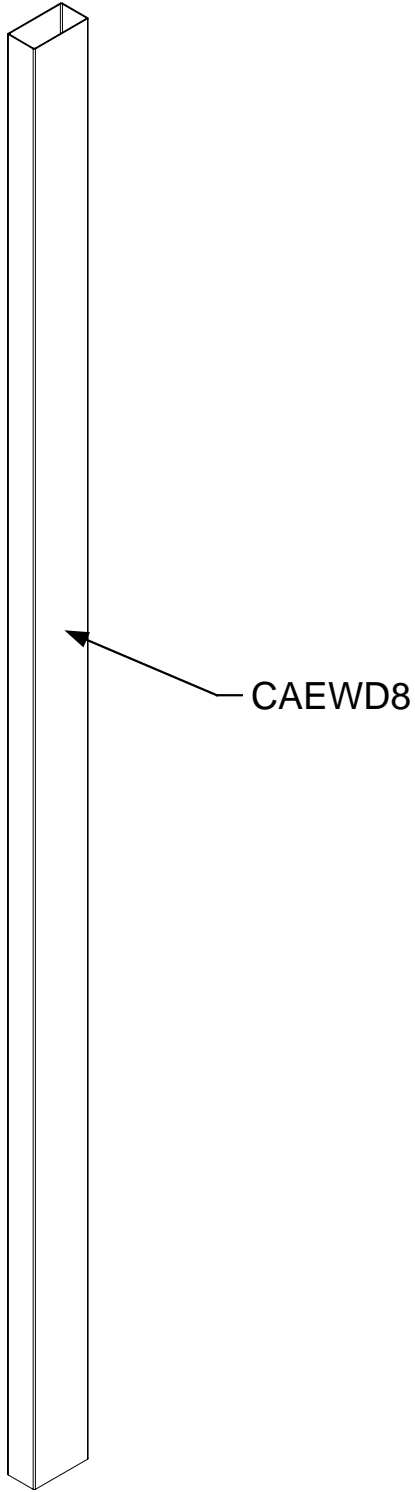
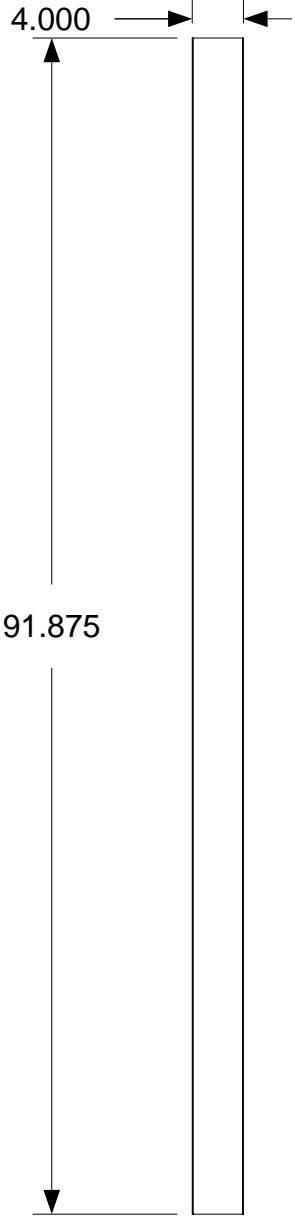
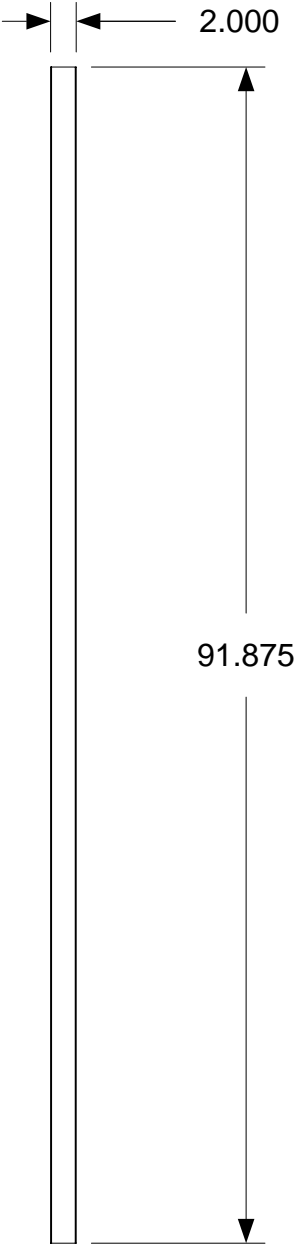
PAGE 78



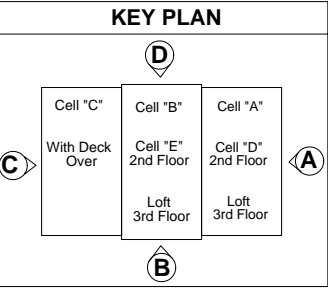
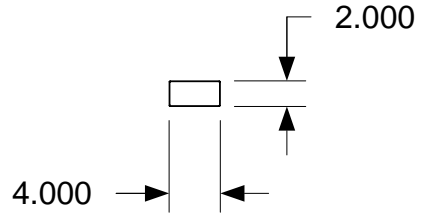
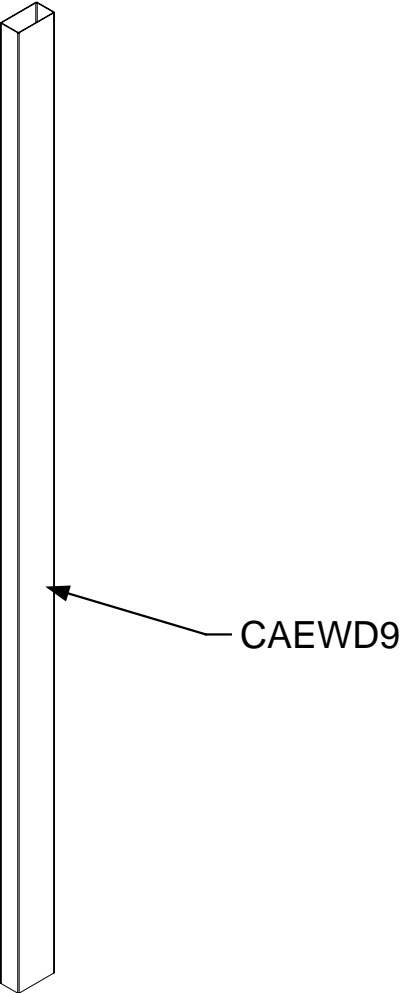
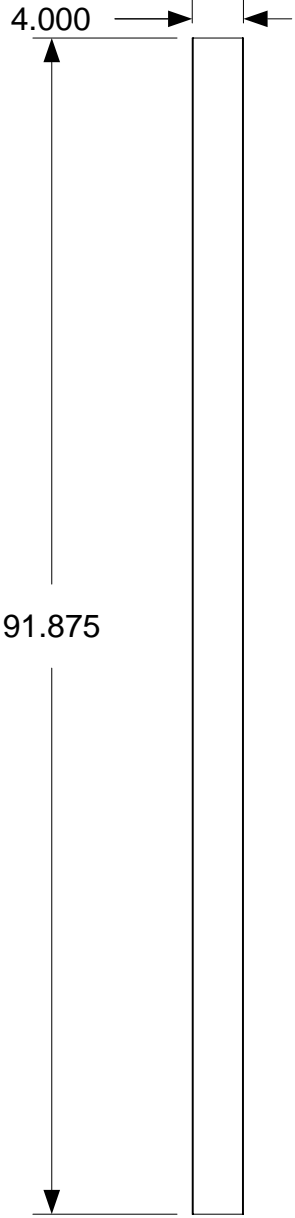
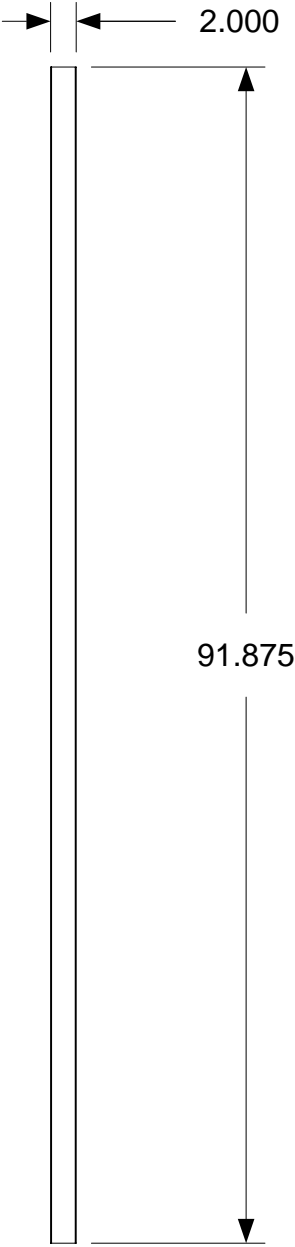
DRAWING	
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD7 Detail 7	
MODEL(S): Hartford	
PAGE 79	



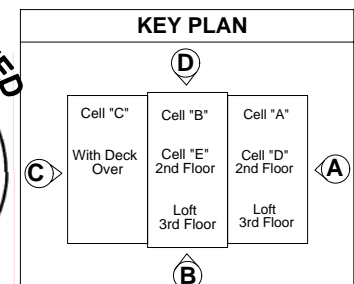
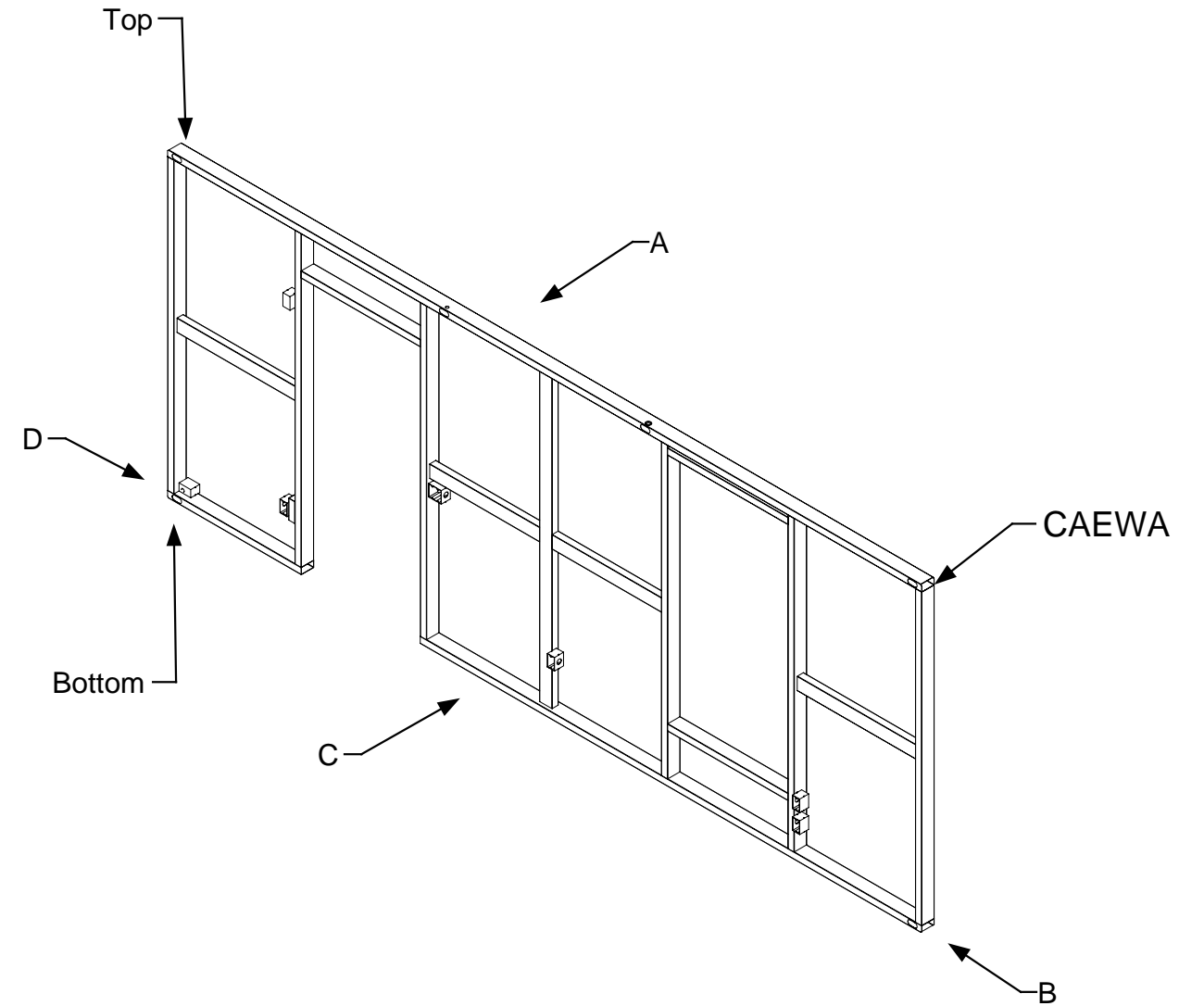
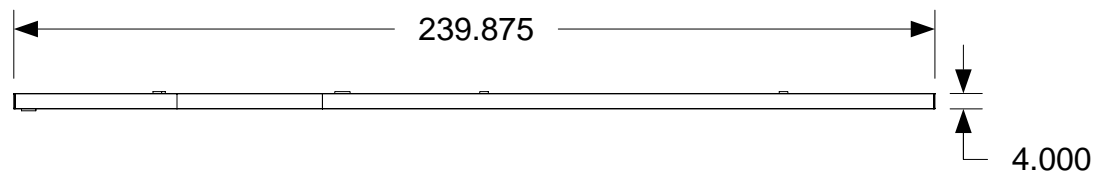
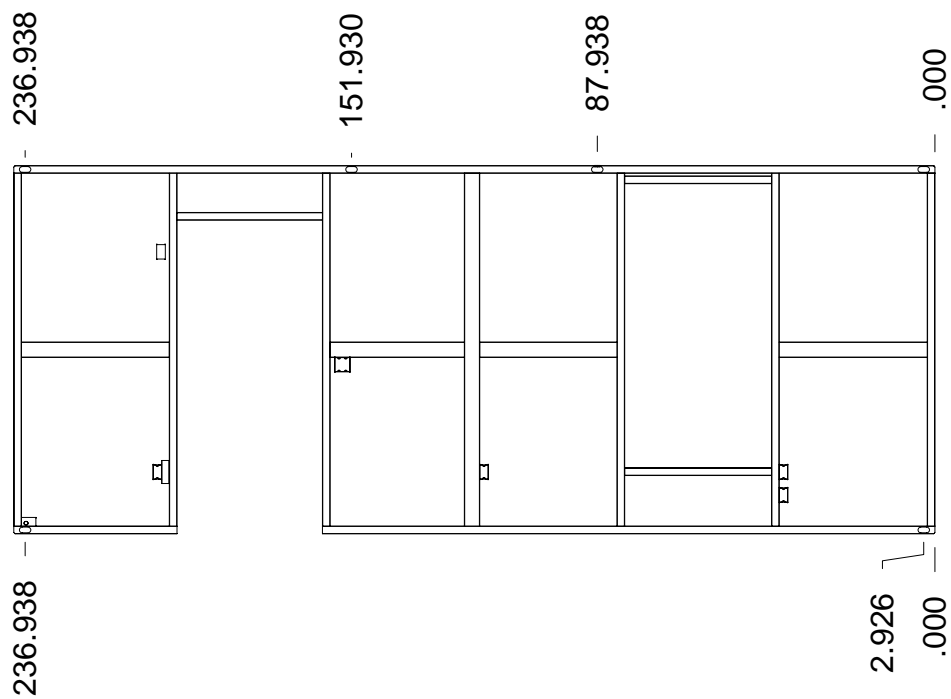
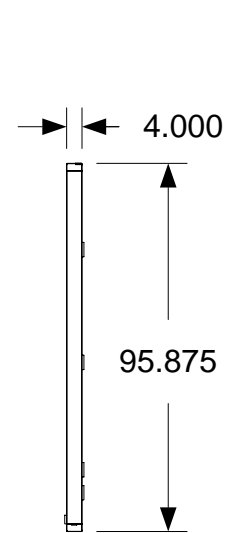
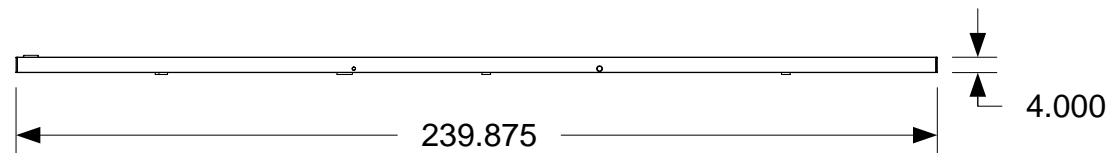
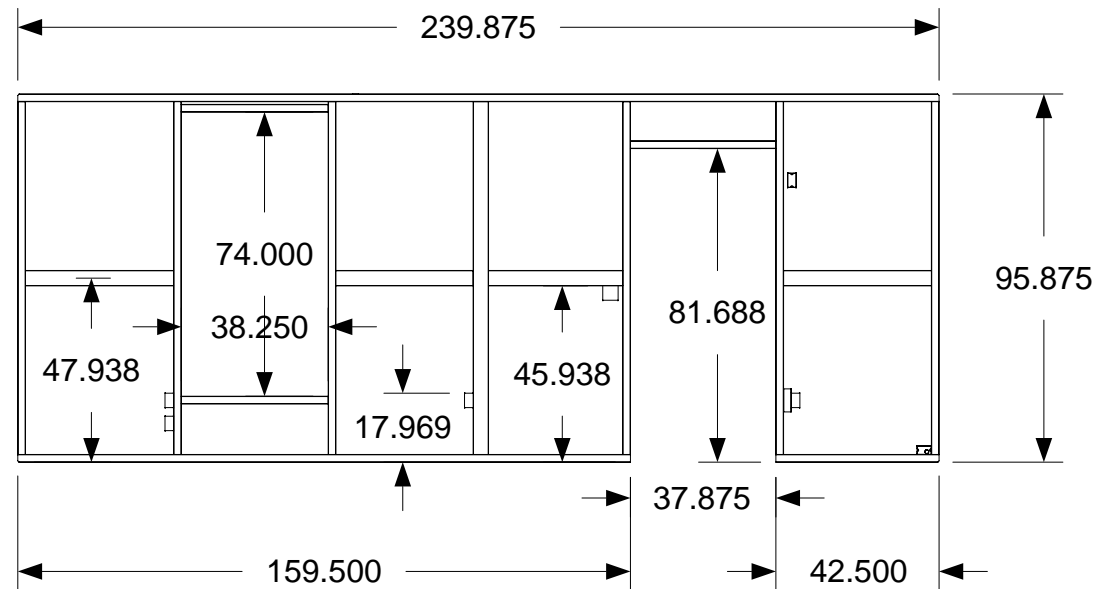
DRAWING	
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD10 Detail 8	
MODEL(S): Hartford	
PAGE 80	



DRAWING
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD8 Detail 9
MODEL(S): Hartford
PAGE 81



DRAWING
Manufacturing Cell A View D Assembly-Exterior wall Sub-assembly CAEWD9 Detail 10
MODEL(S): Hartford
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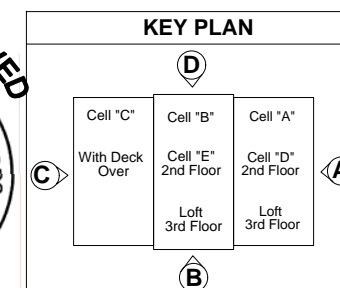
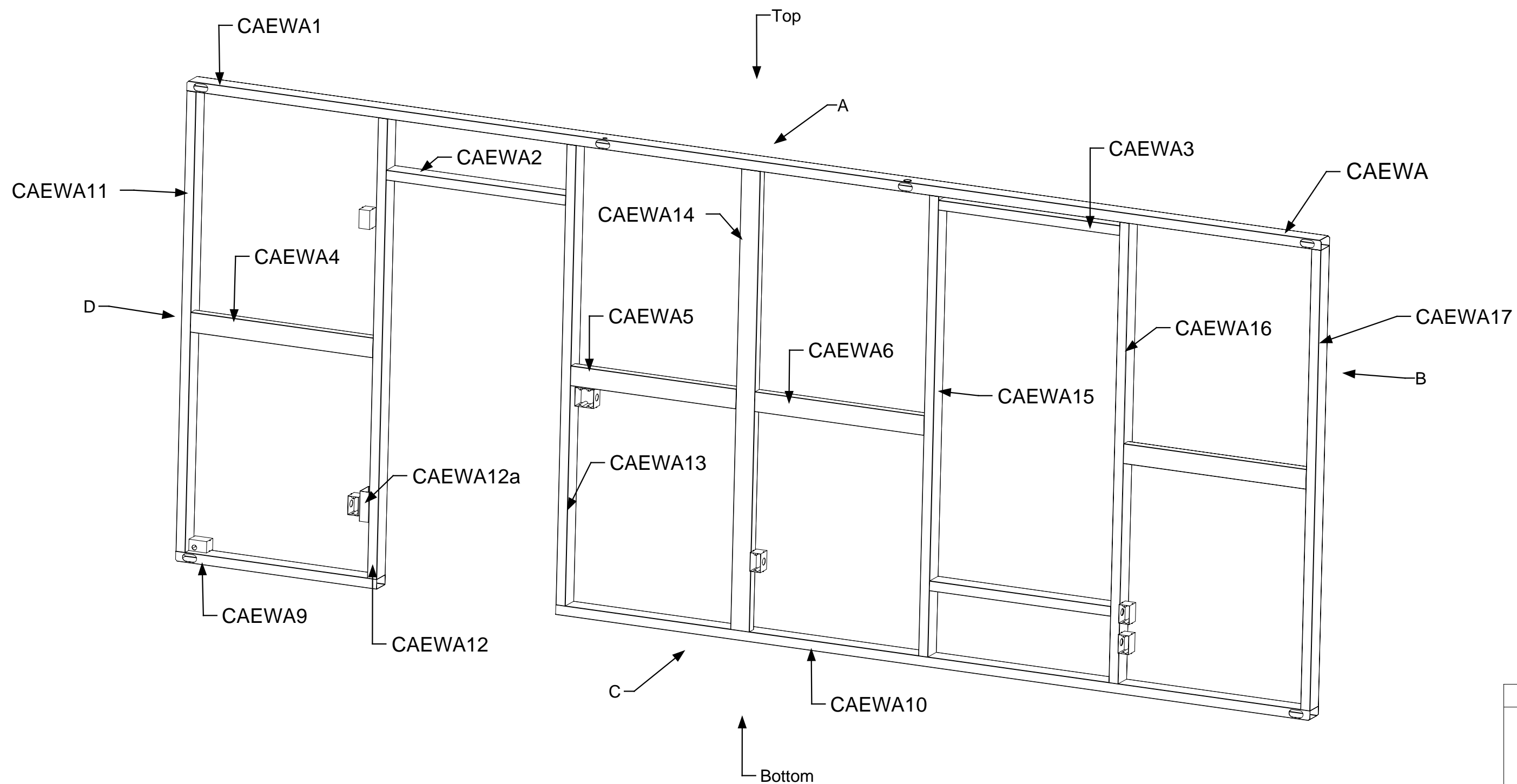


DRAWING

Manufacturing
Cell A
View A
Assembly-Exterior
wall
CAEWA

MODEL(S): Hartford

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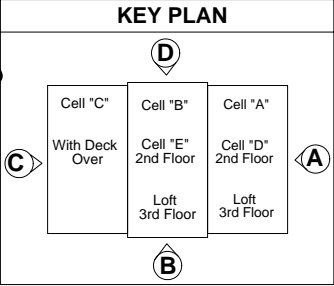
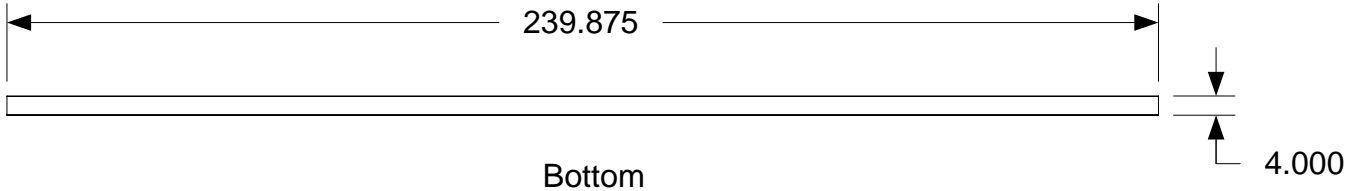
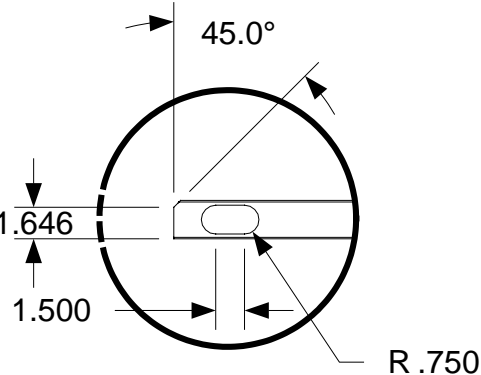
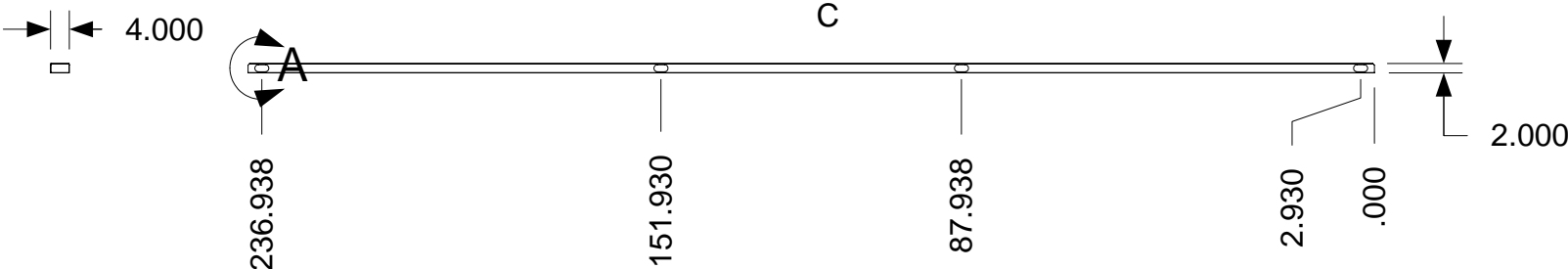
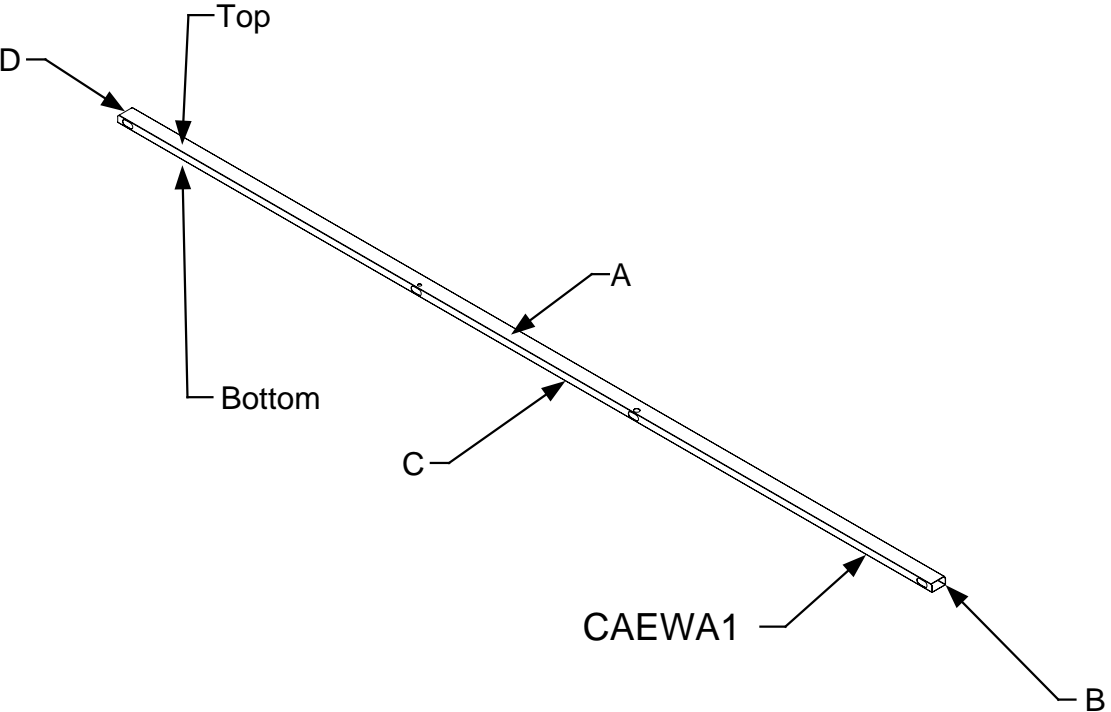
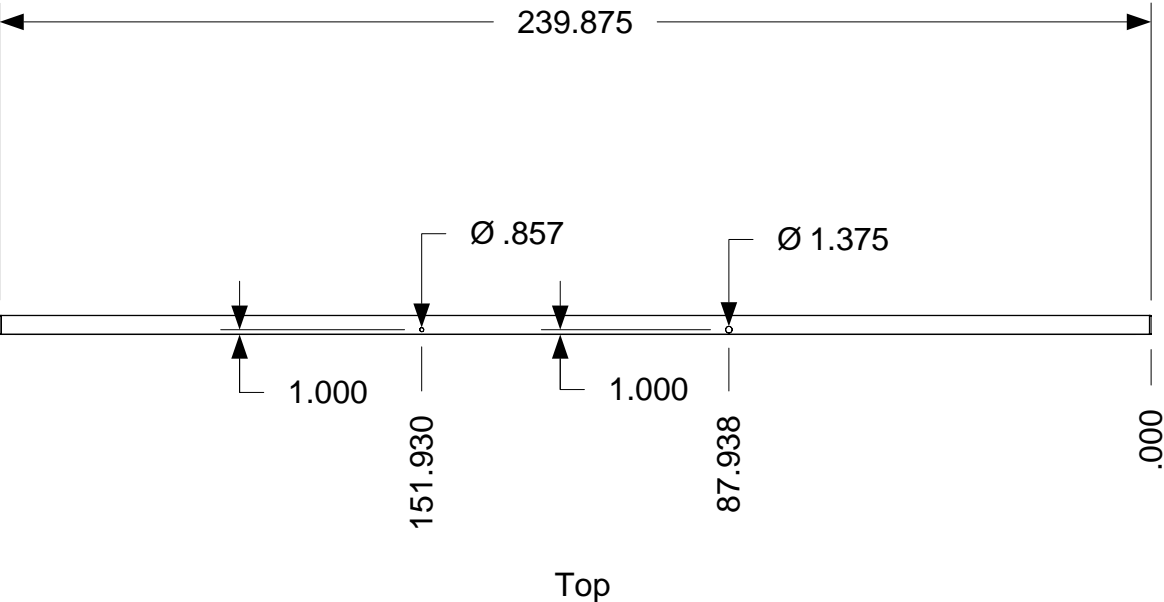


DRAWING

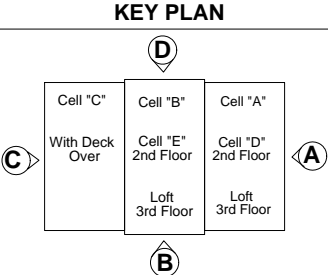
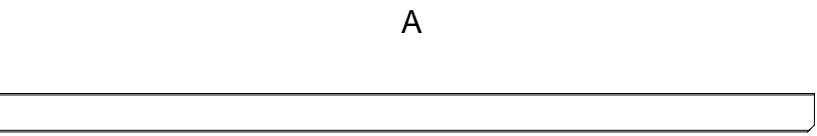
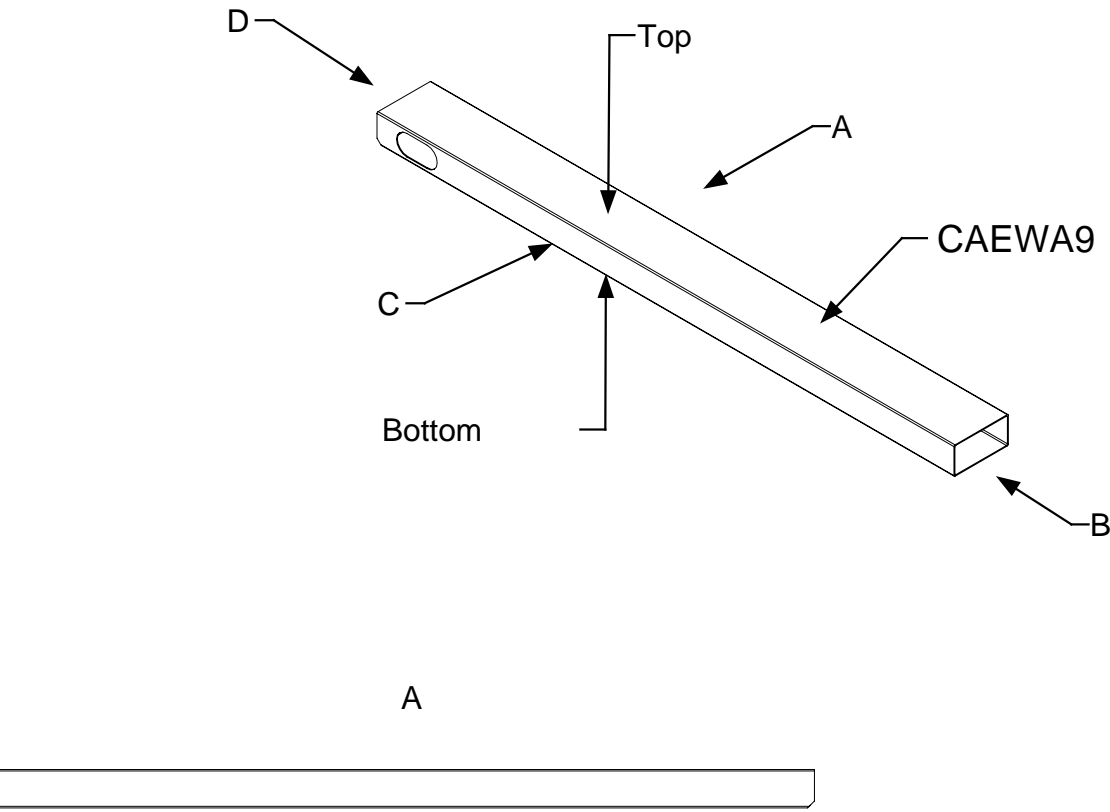
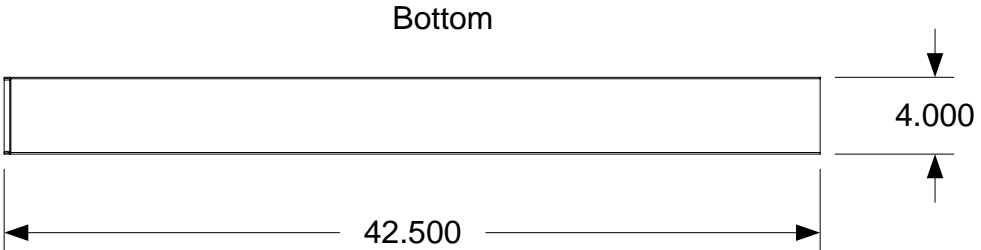
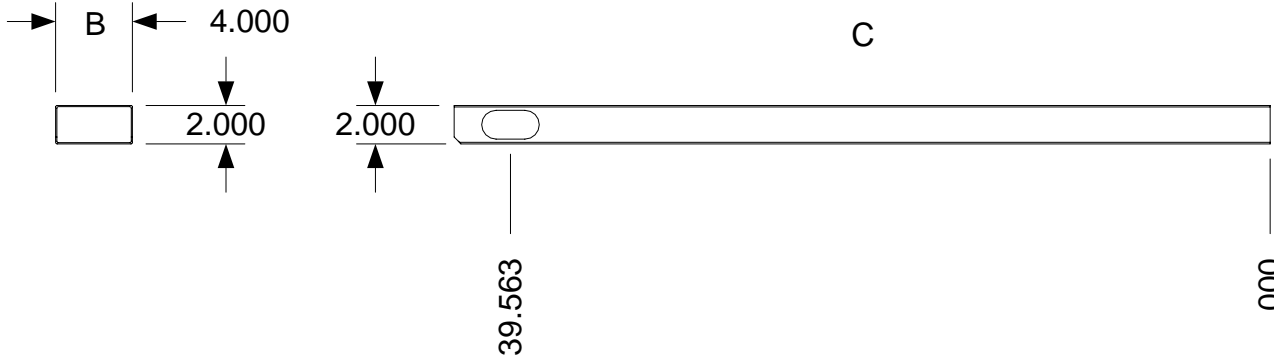
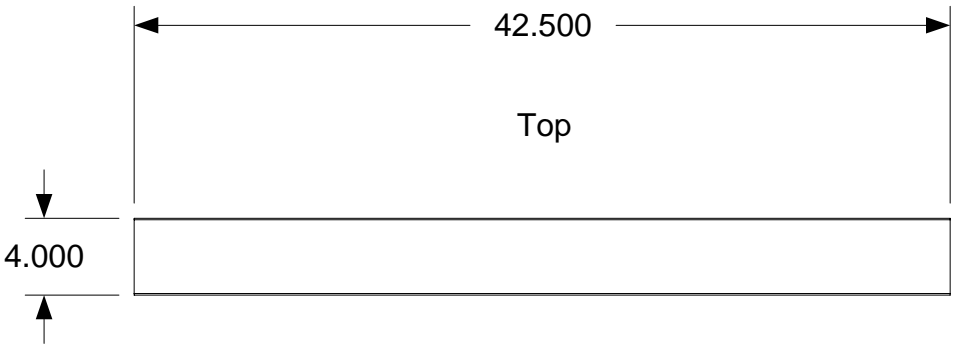
Manufacturing
Cell A
View C
Assembly-Exterior
wall
Sub-assembly
Parts identification
CAEWA

MODEL(S): Hartford

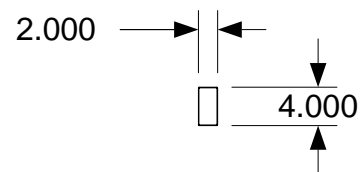
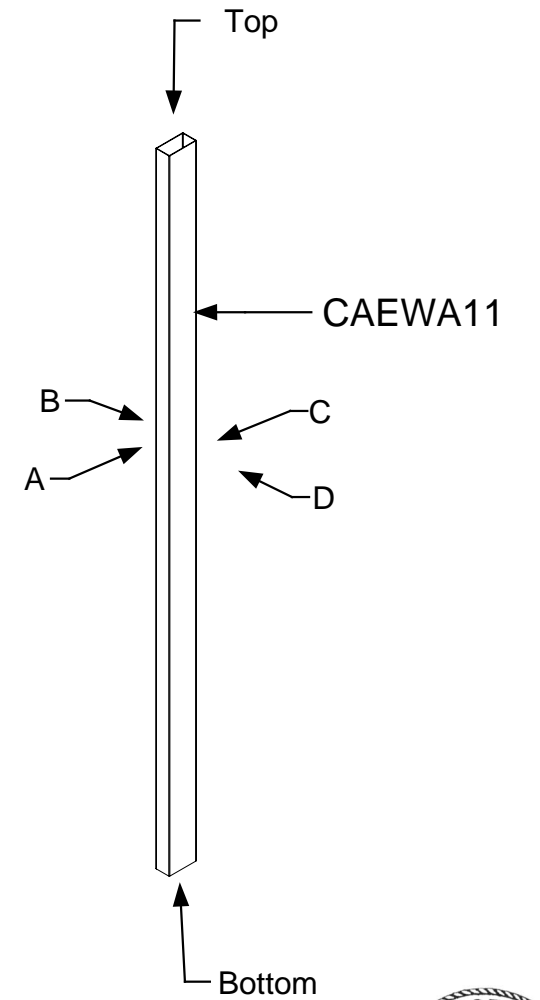
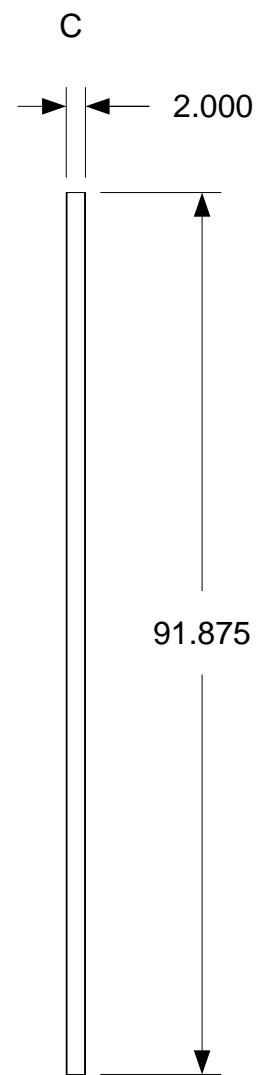
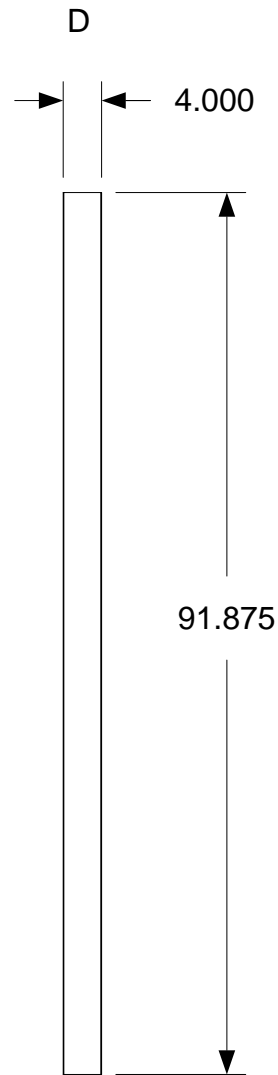
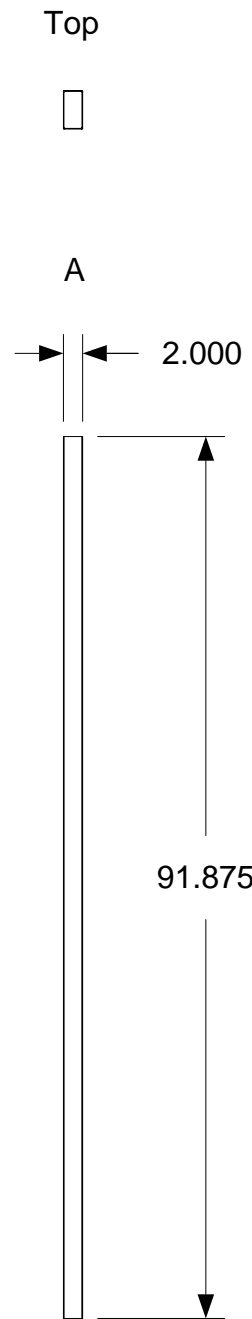
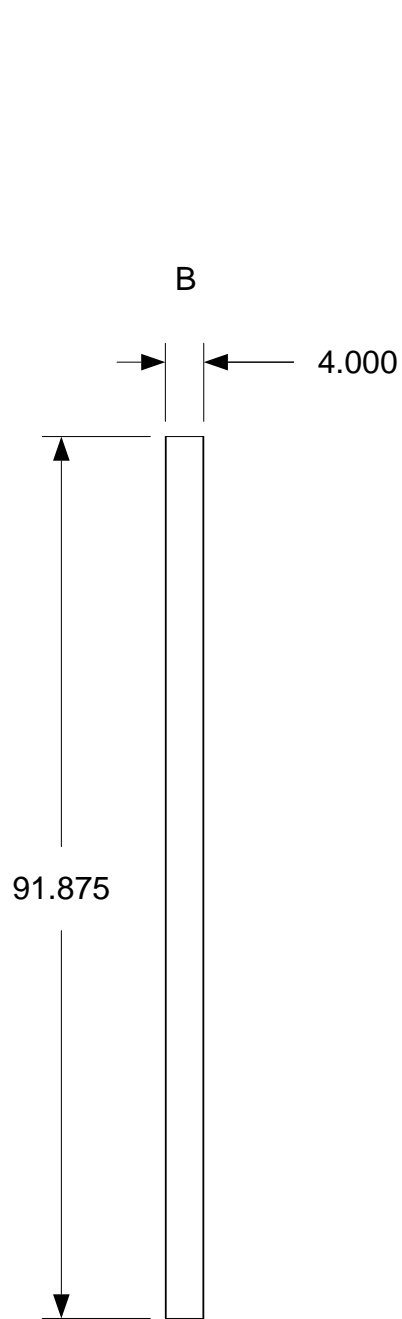
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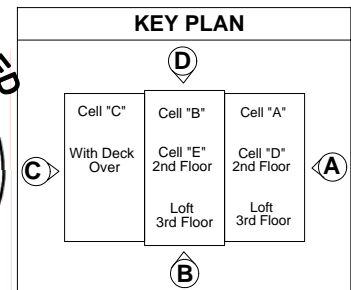
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA1 Detail 1
MODEL(S): Hartford
PAGE 85



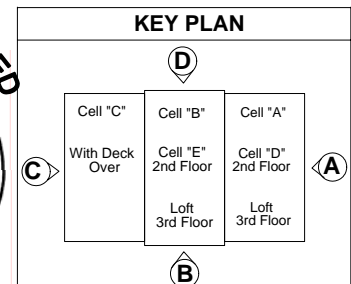
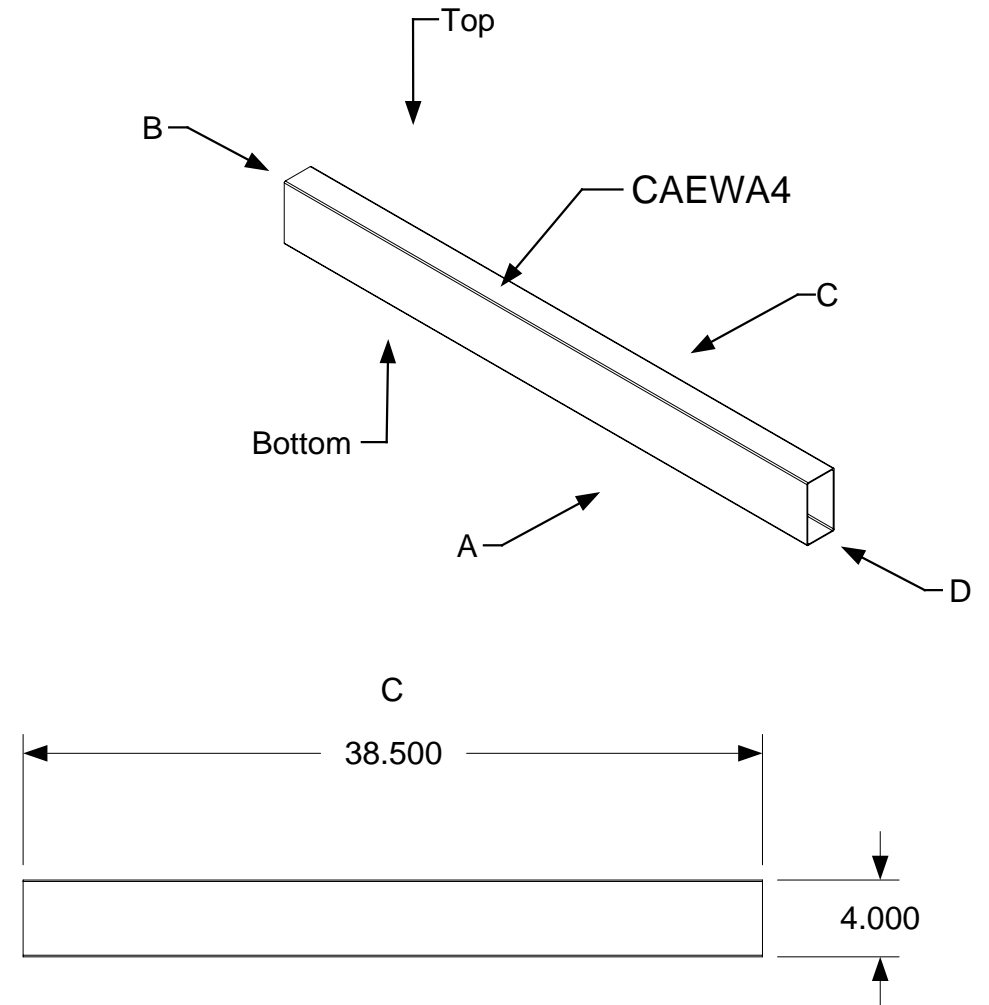
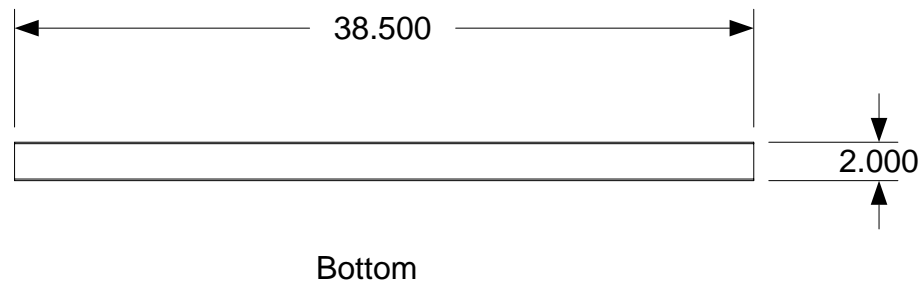
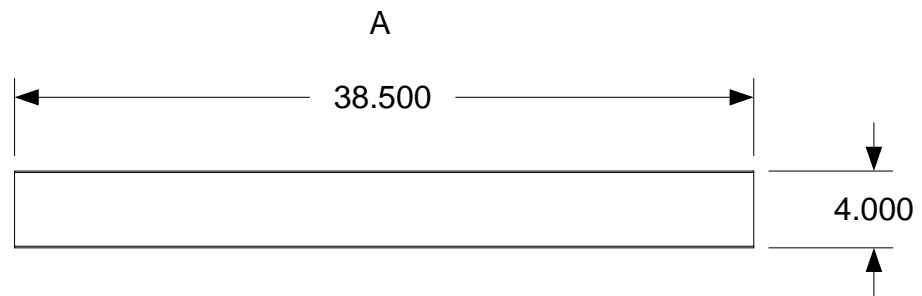
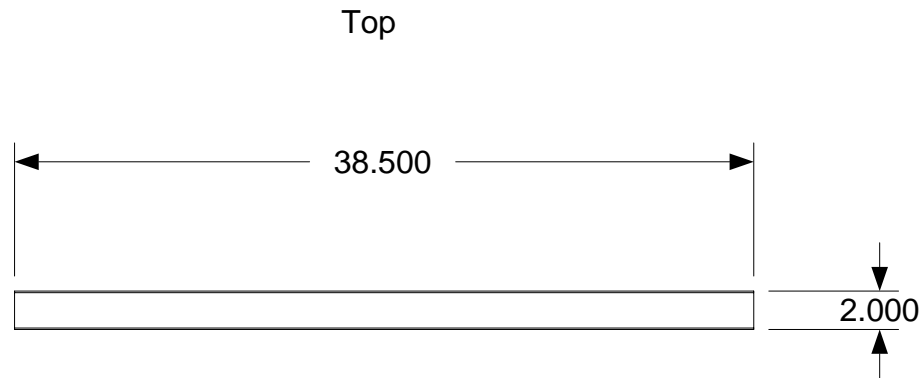
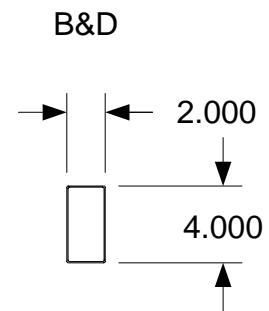
DRAWING
Manufacturing Cell A View C Assembly-Exterior wall Sub-assembly CAEWA9 Detail 2
MODEL(S): Hartford
PAGE 86



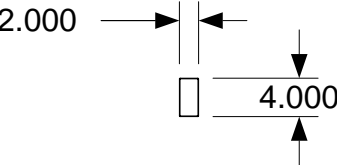
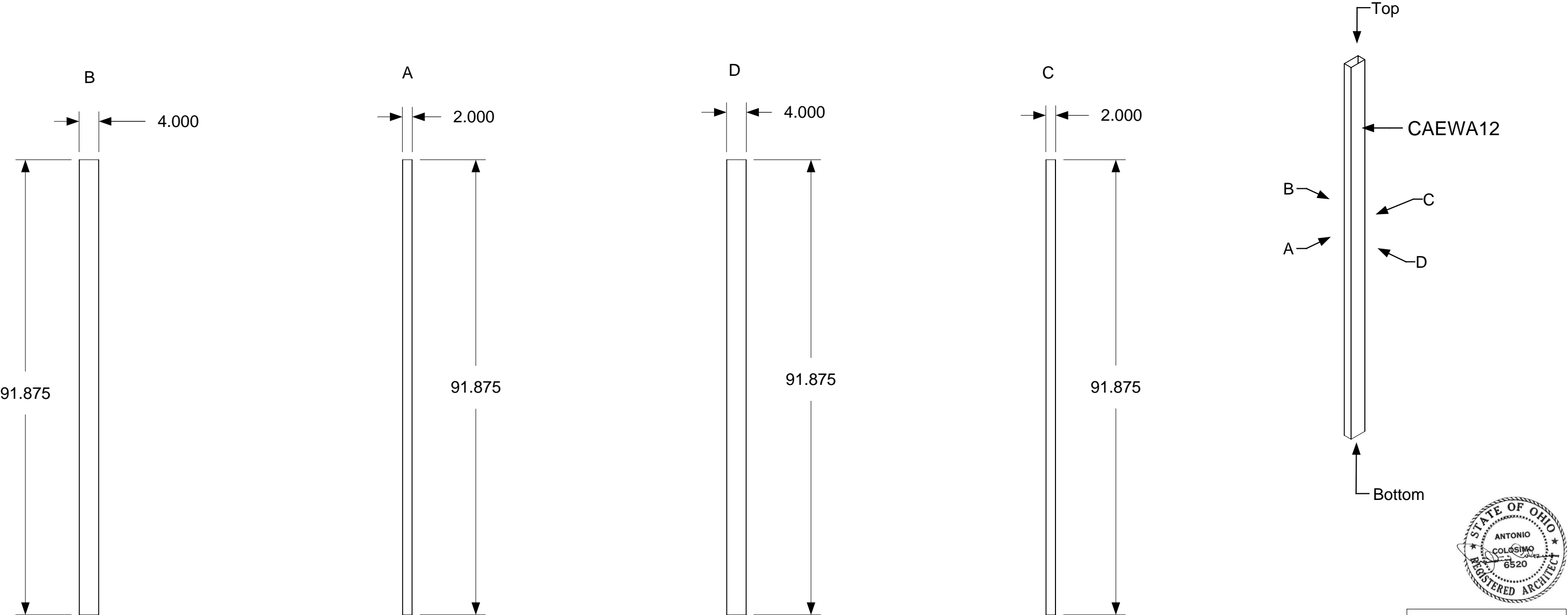
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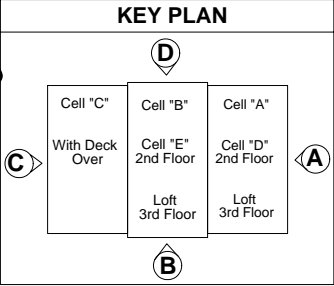
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA11 Detail 3
MODEL(S): Hartford
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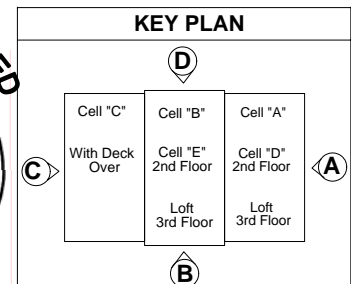
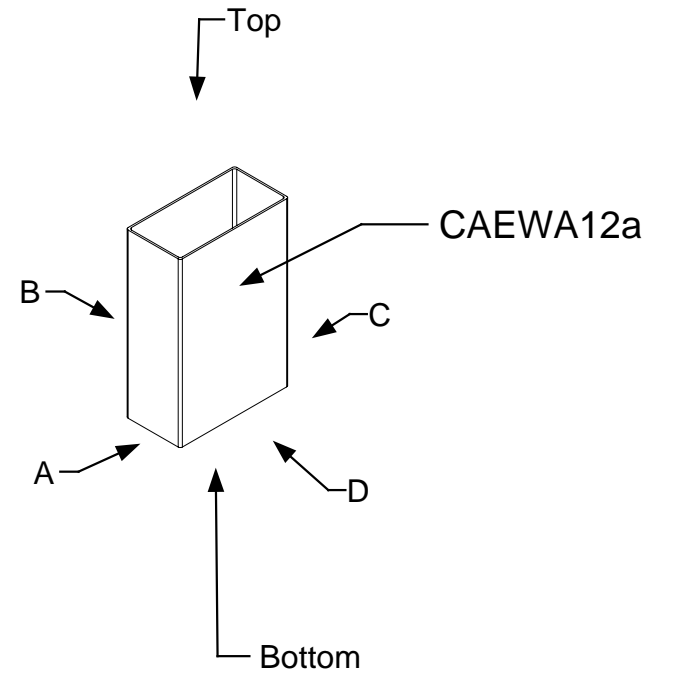
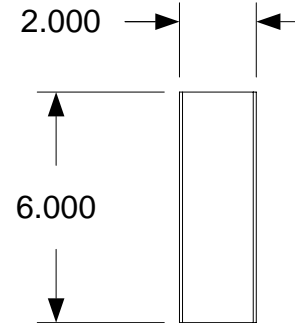
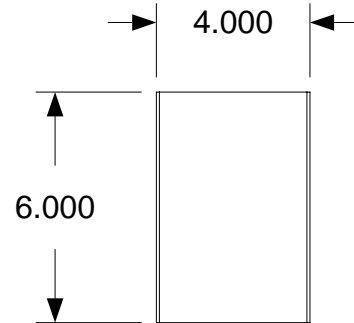
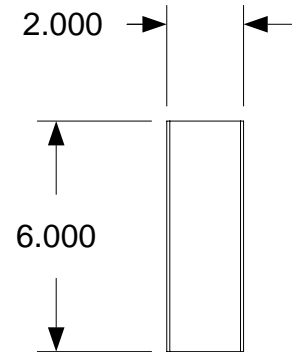
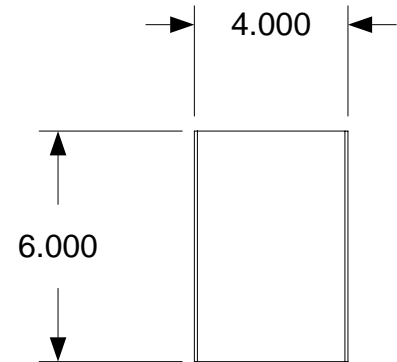
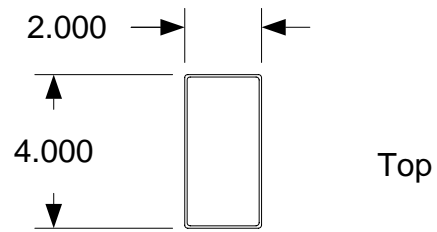
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA4 Detail 4
MODEL(S): Hartford
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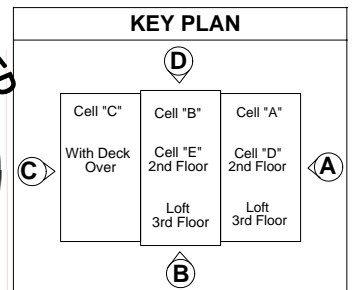
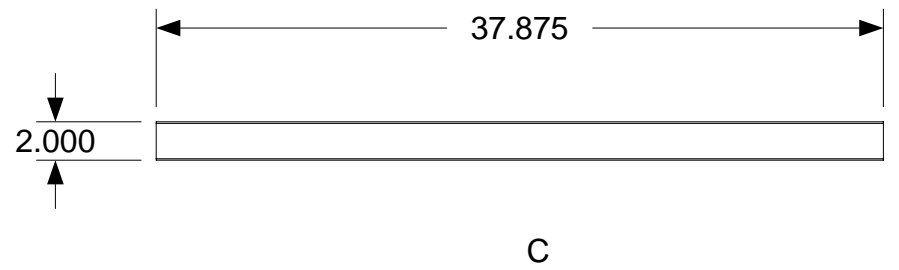
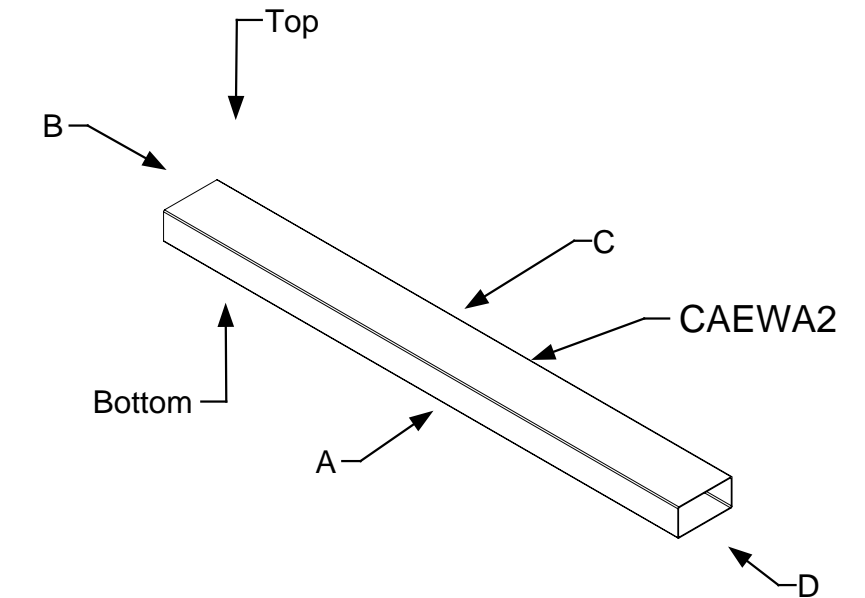
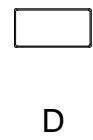
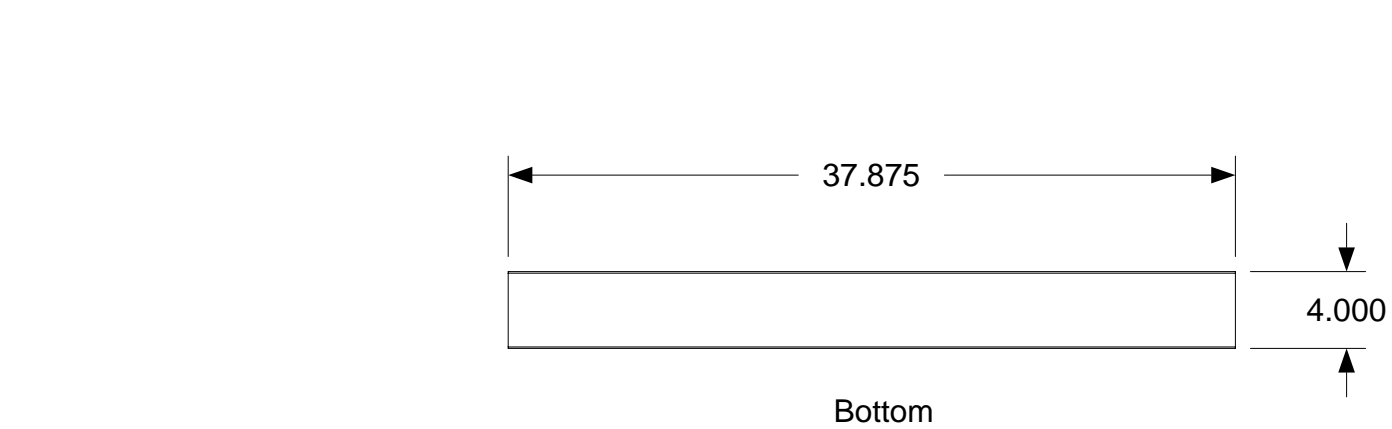
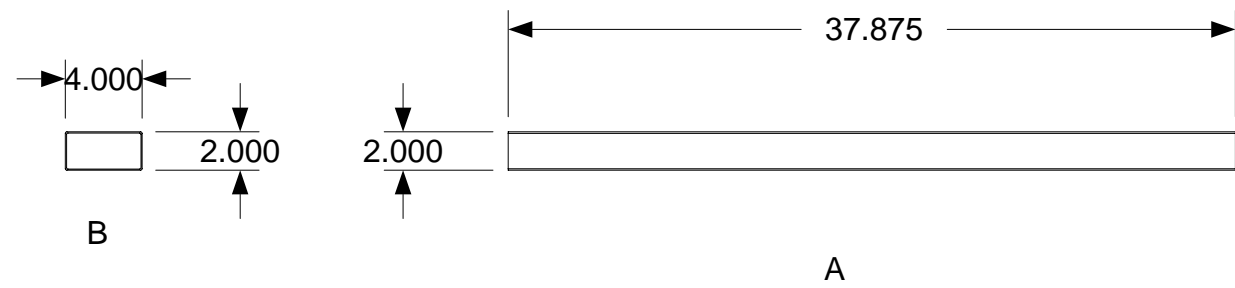
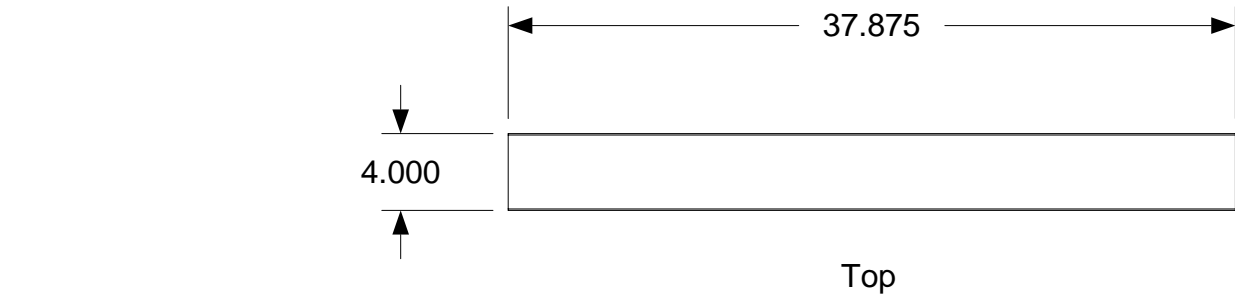
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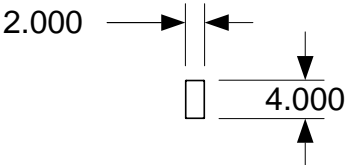
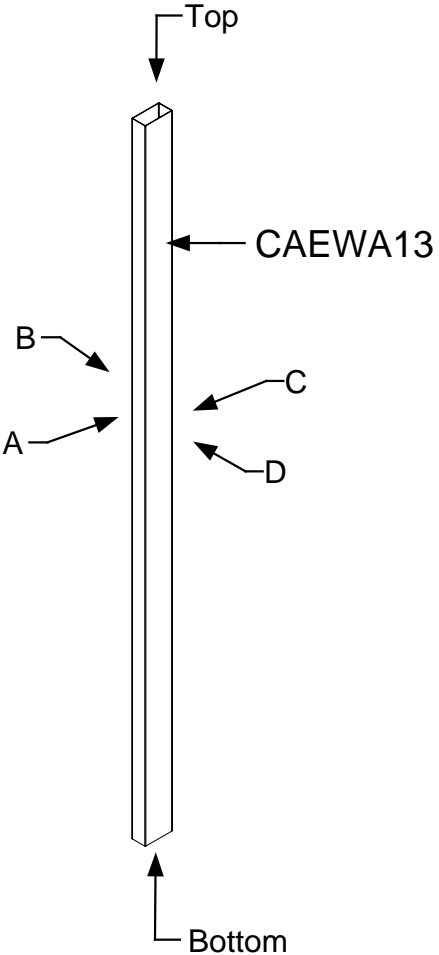
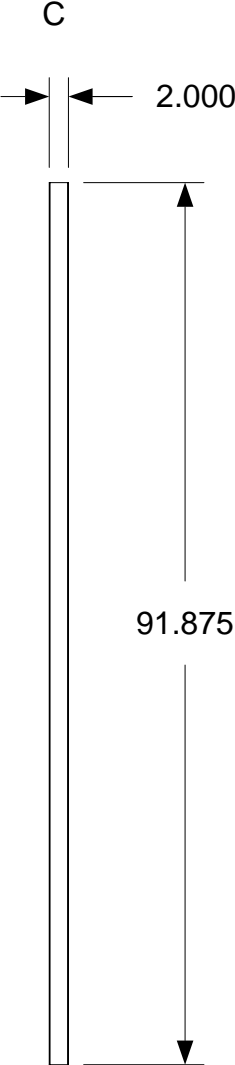
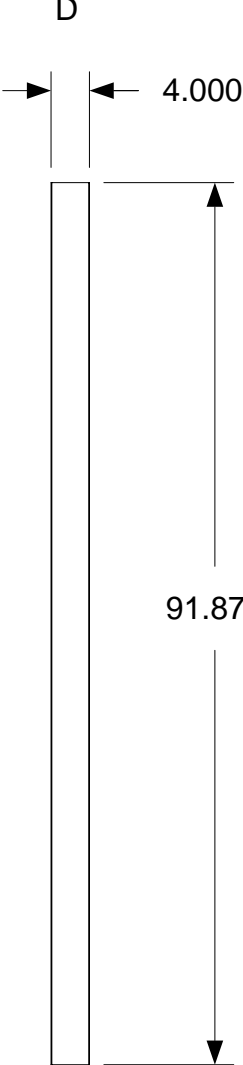
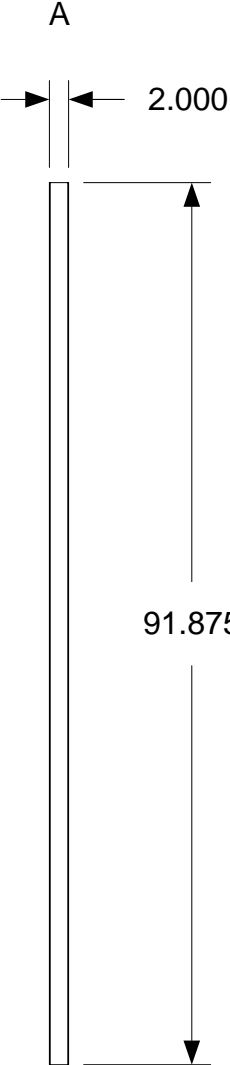
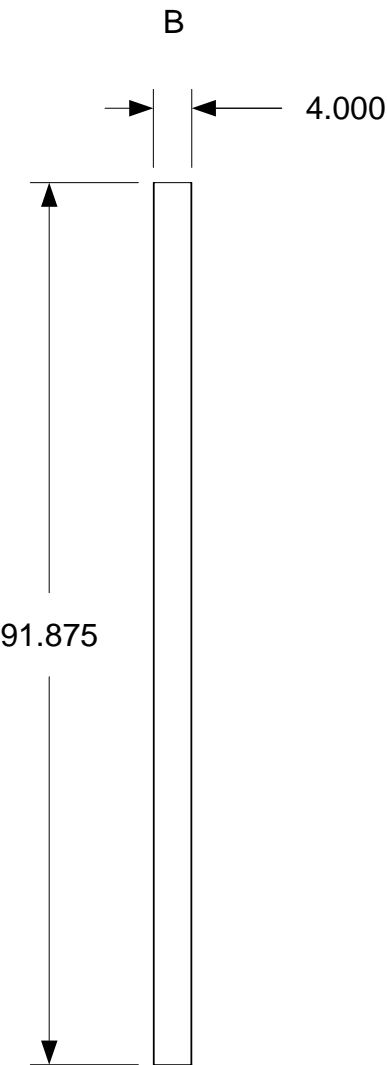
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA12 Detail 5
MODEL(S): Hartford
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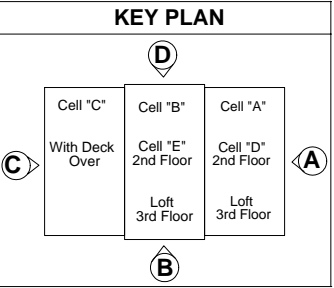
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA12a Detail 6
MODEL(S): Hartford
PAGE 90



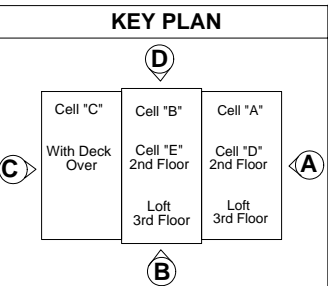
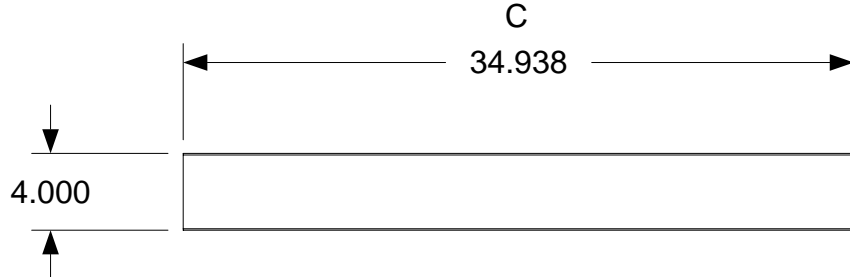
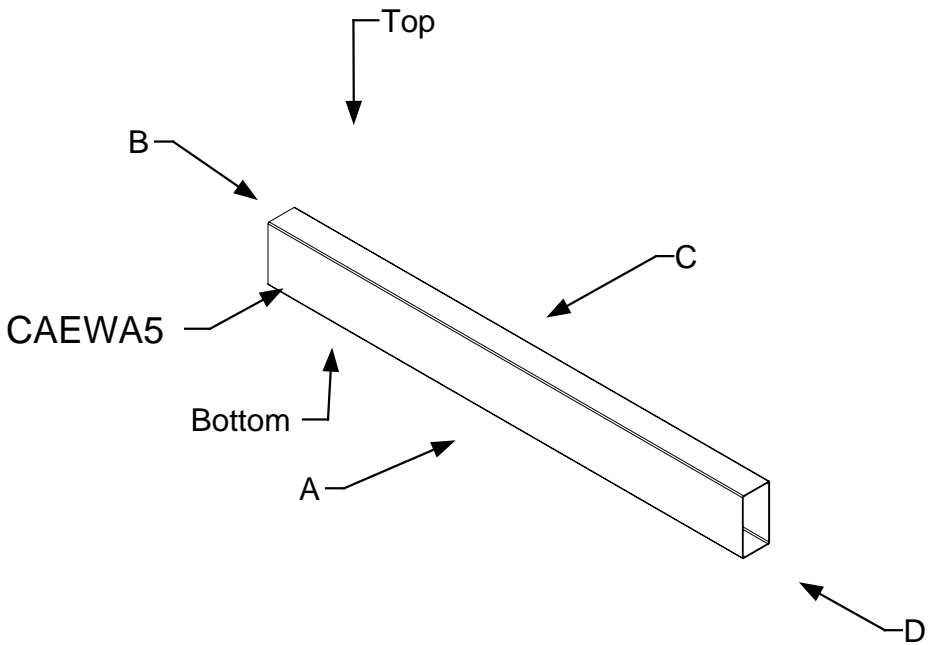
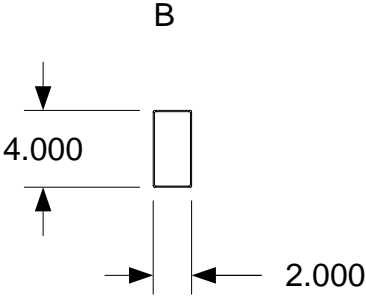
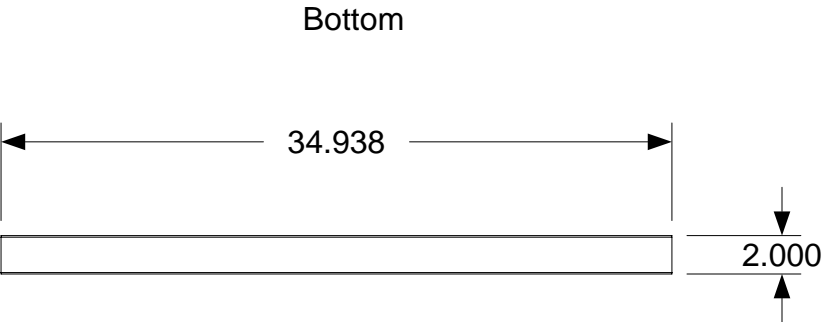
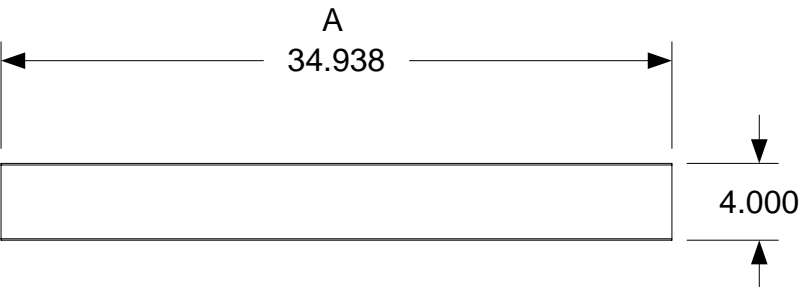
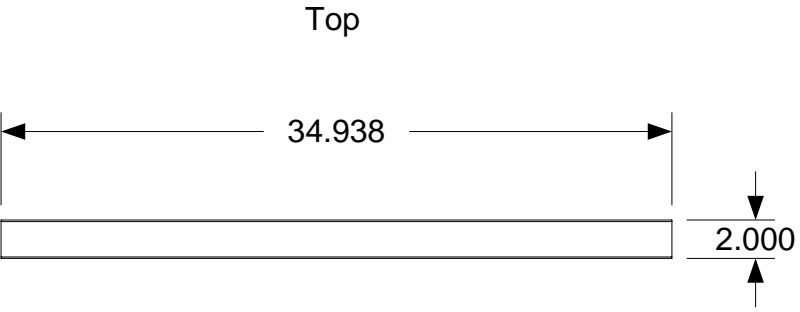
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA2 Detail 7
MODEL(S): Hartford
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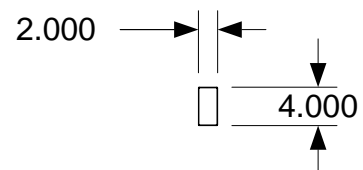
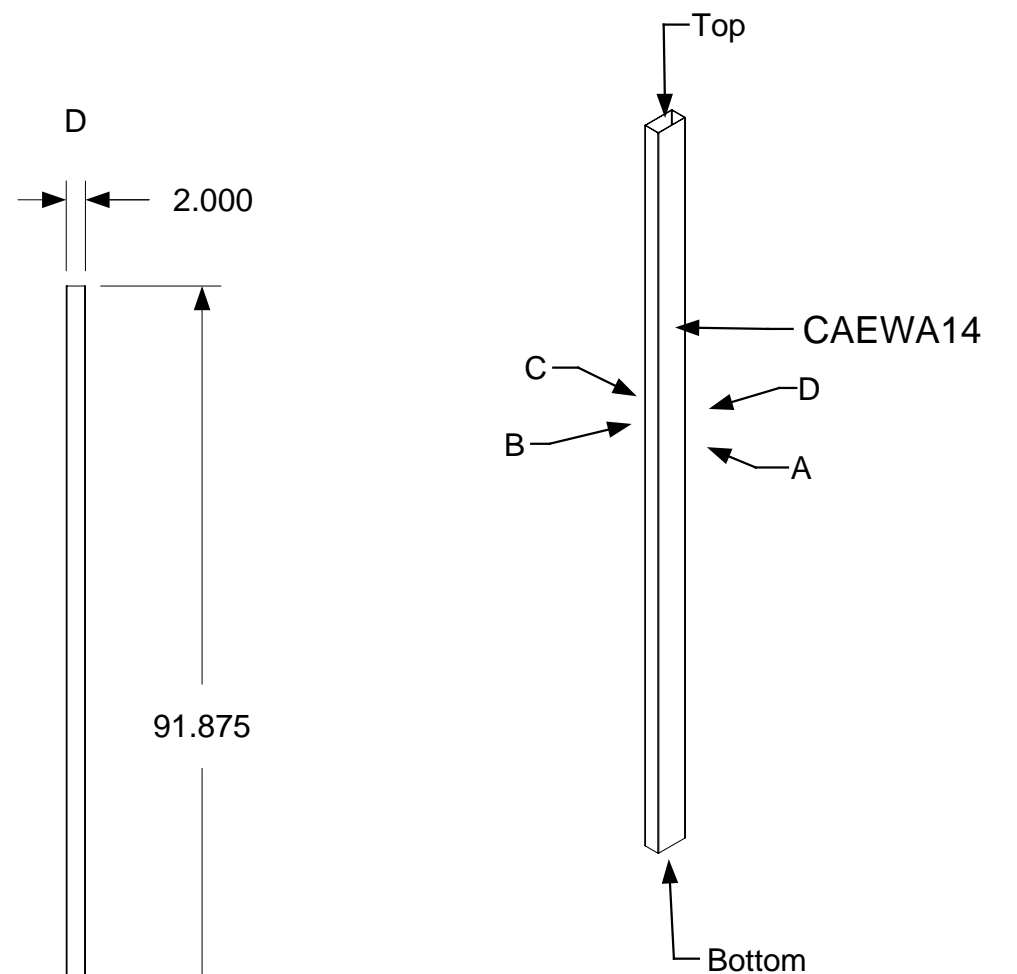
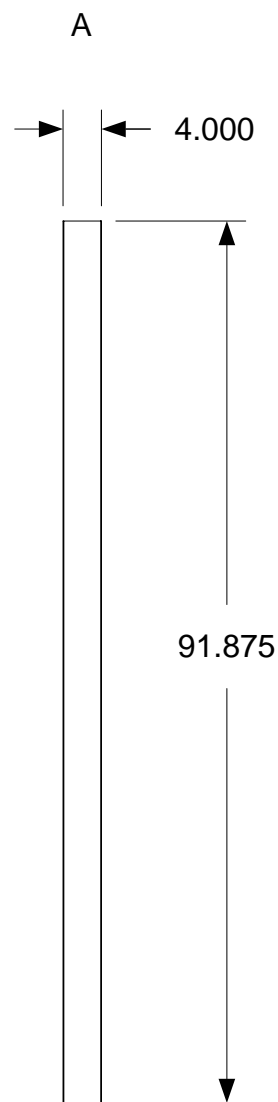
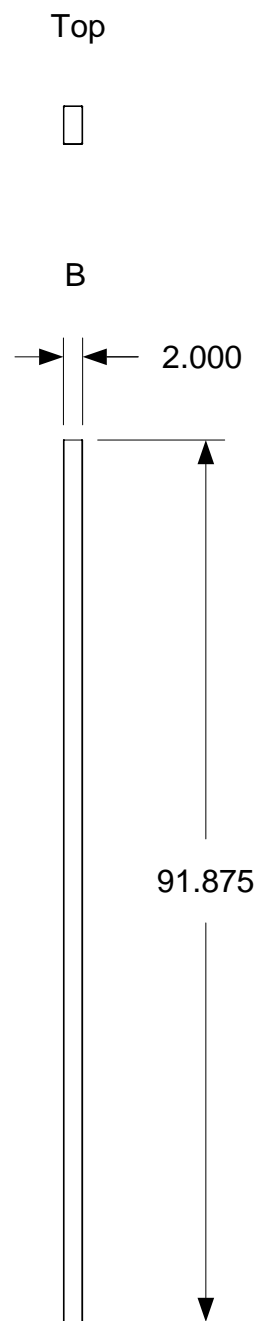
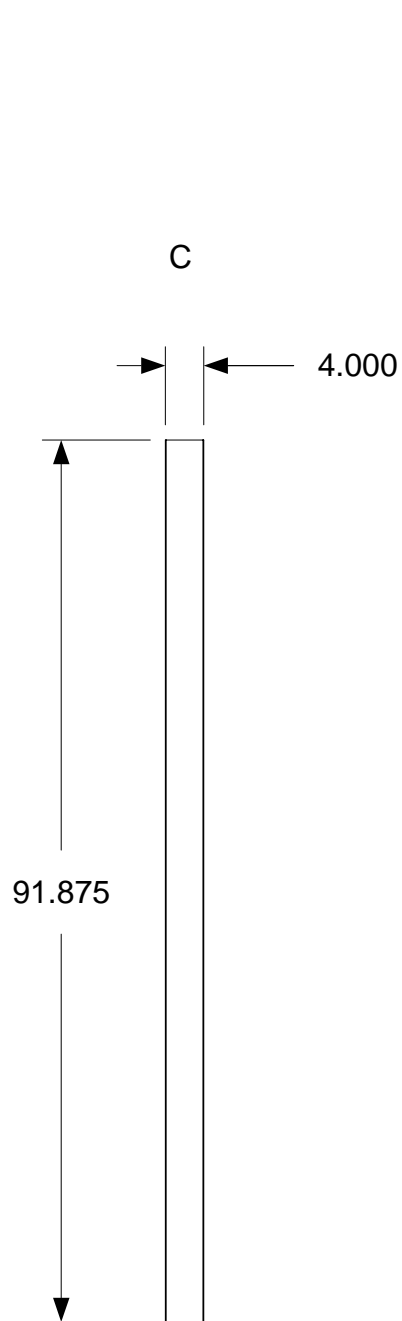
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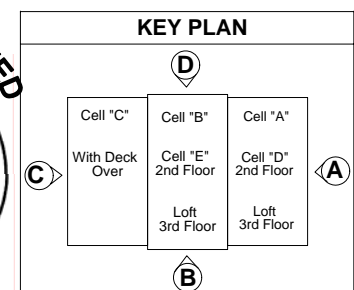
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA13 Detail 8
MODEL(S): Hartford
PAGE 92



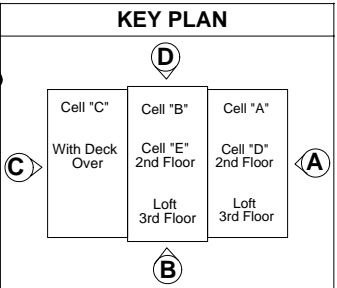
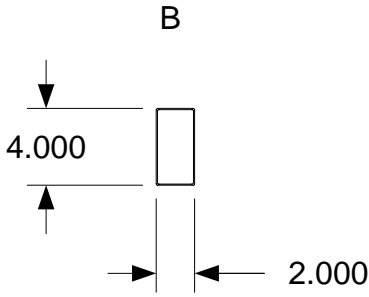
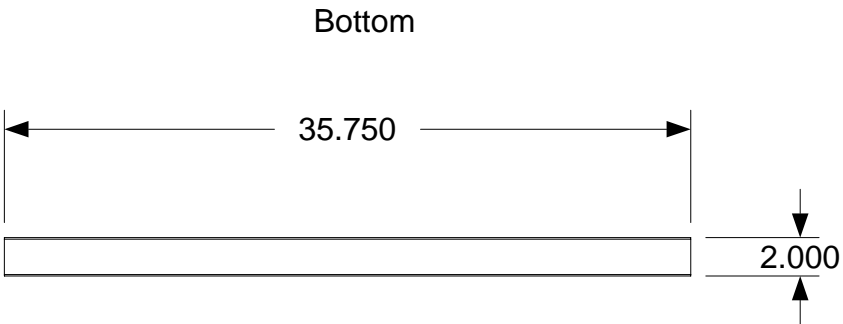
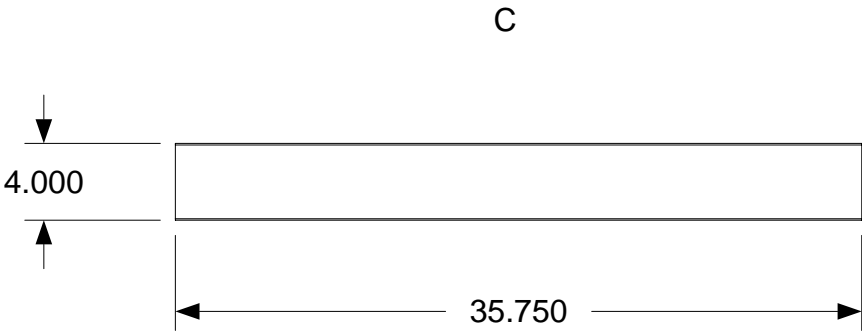
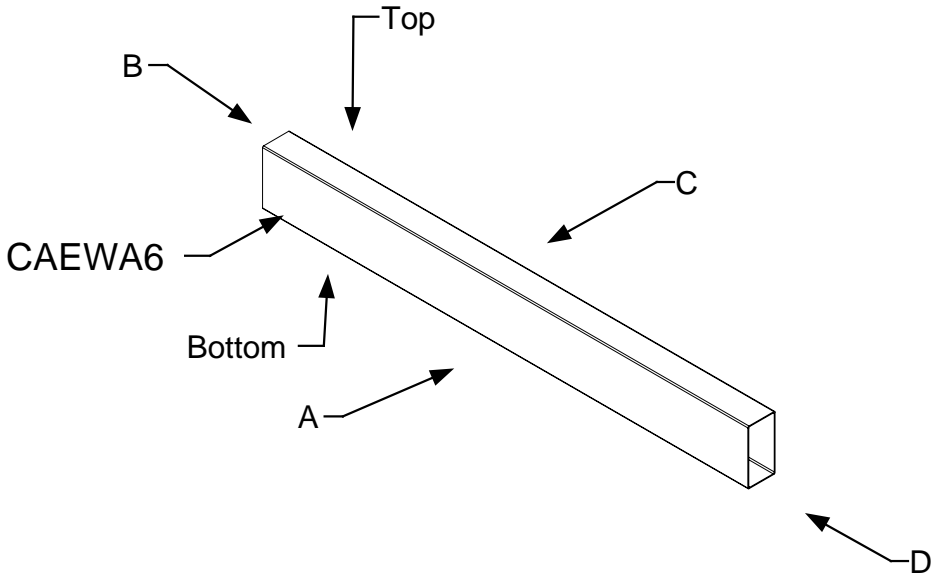
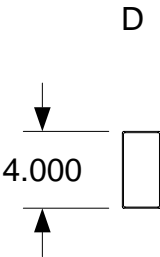
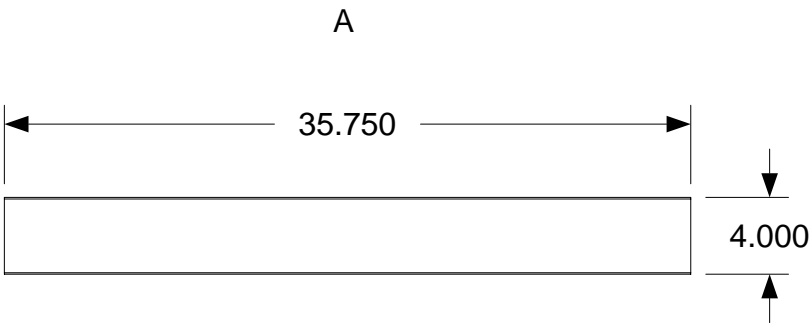
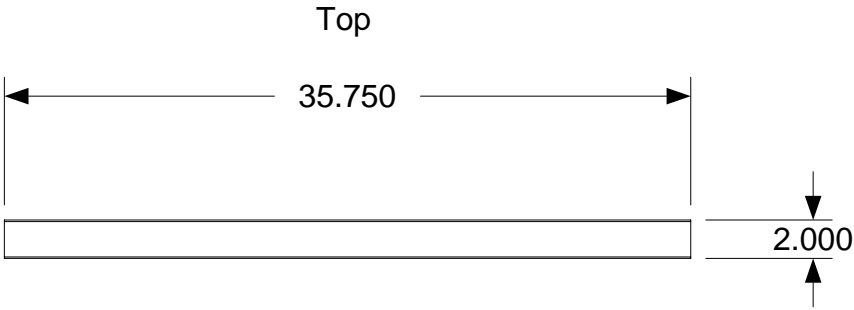
DRAWING	
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA5 Detail 9	
MODEL(S): Hartford	
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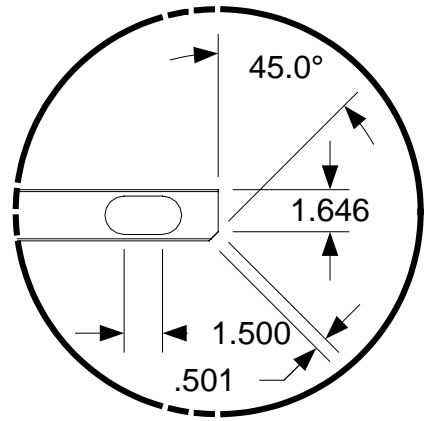
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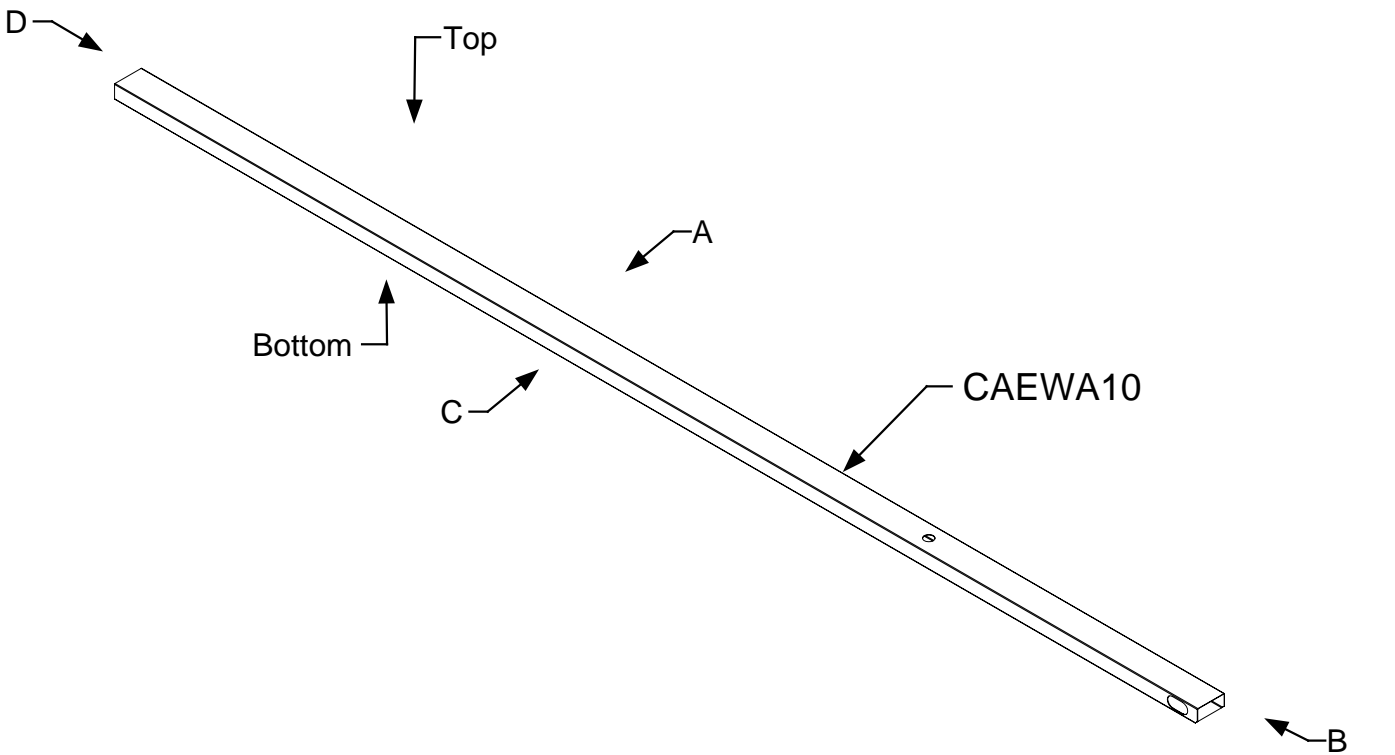
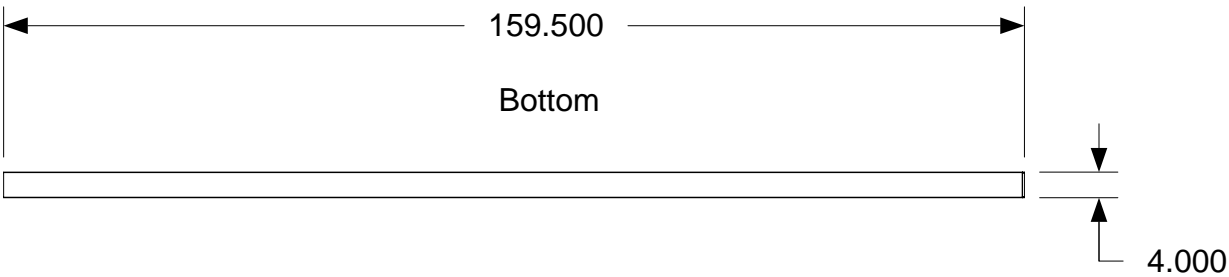
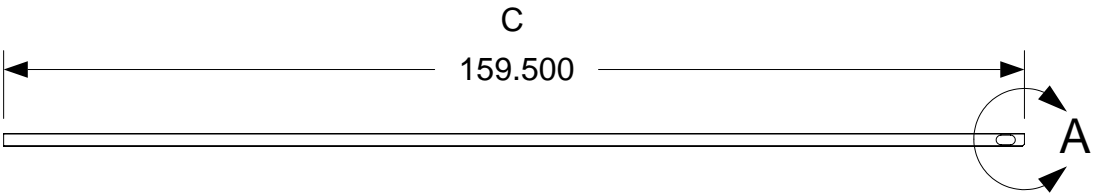
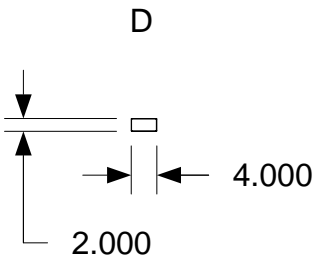
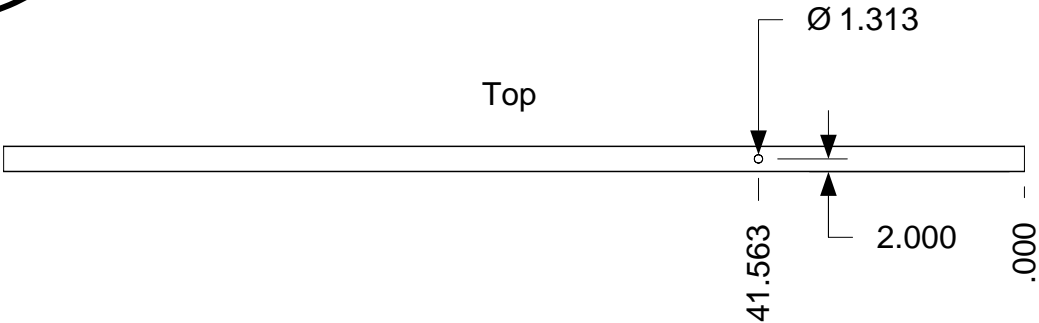
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA14 Detail 10
MODEL(S): Hartford
PAGE 94



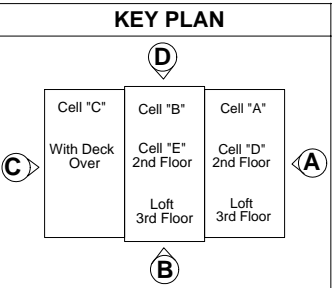
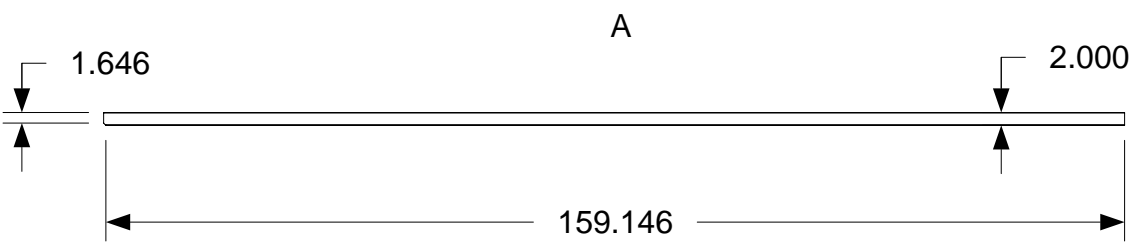
DRAWING	
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA6 Detail 11	
MODEL(S): Hartford	
PAGE 95	

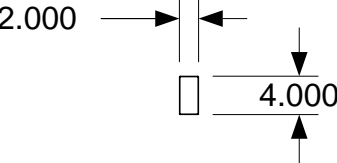
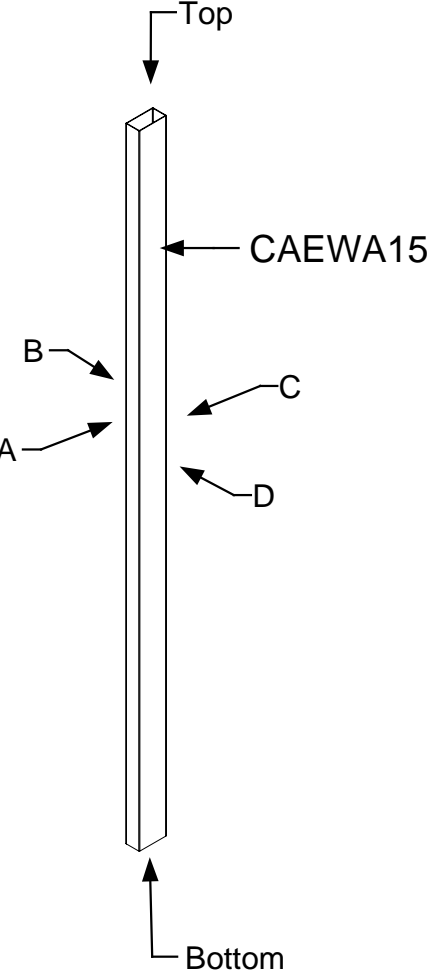
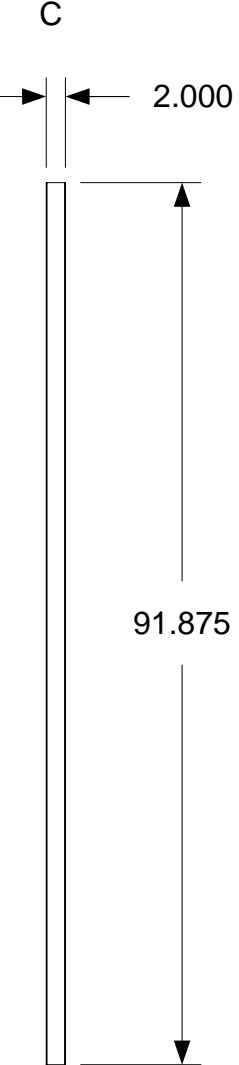
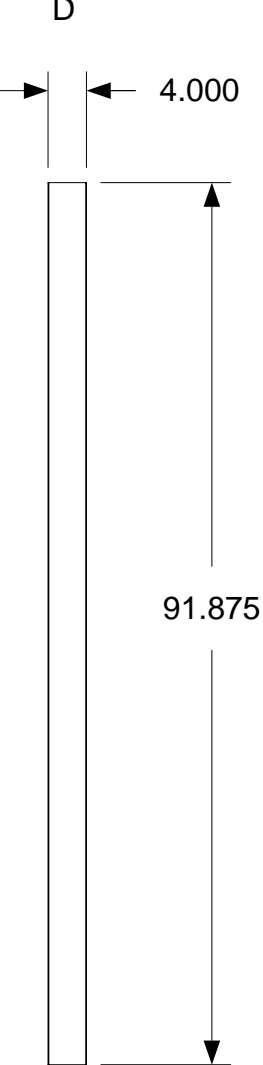
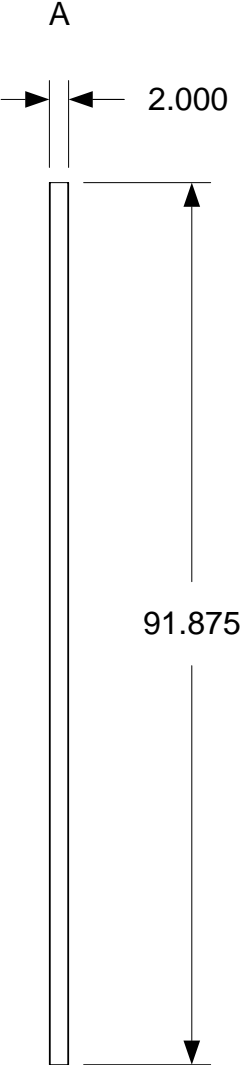
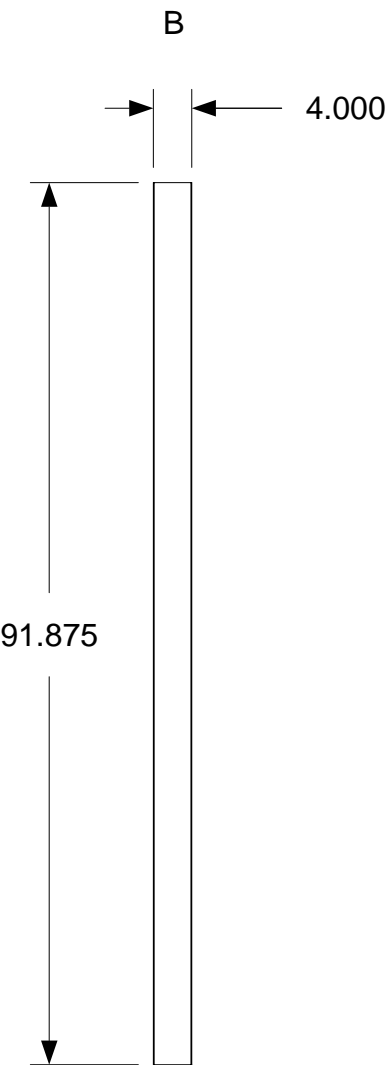


Detail A

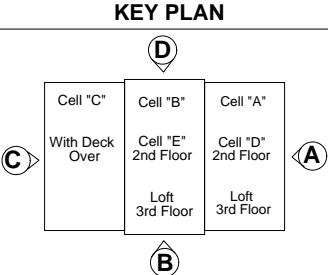


B





Bottom

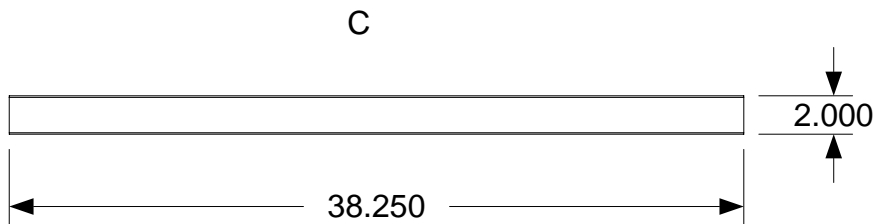
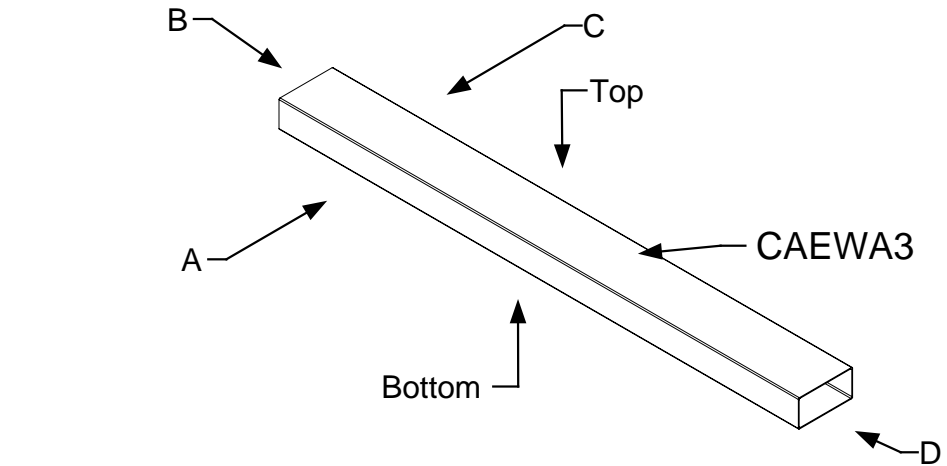
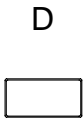
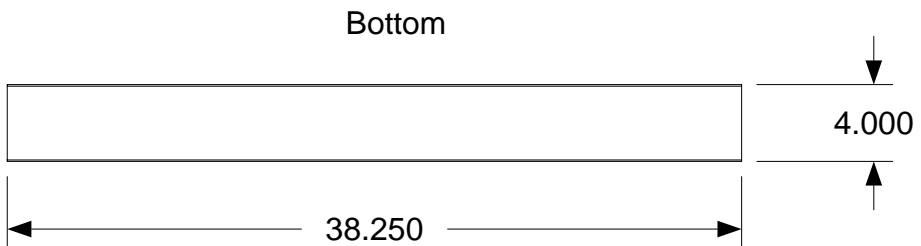
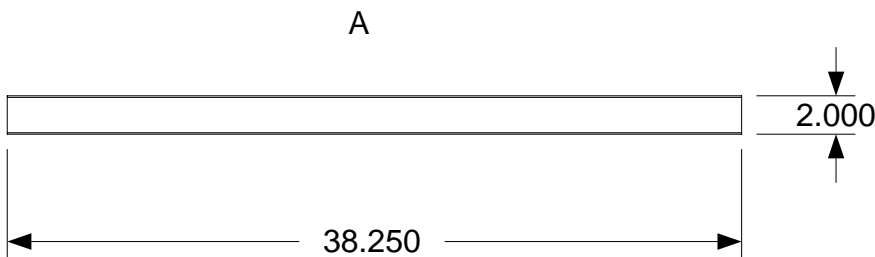
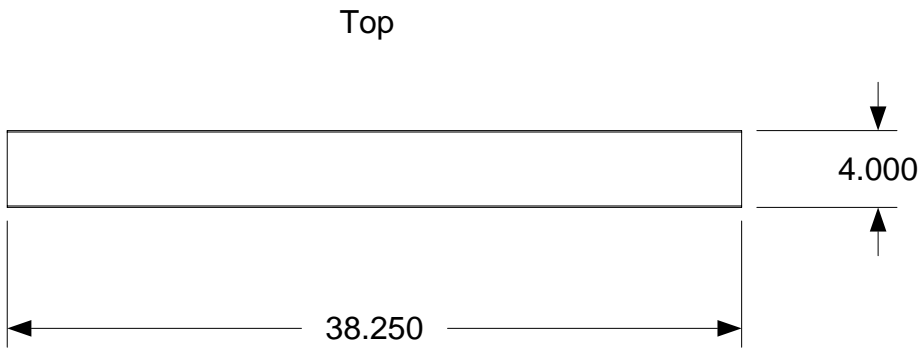
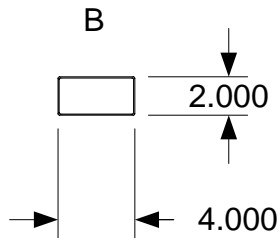


DRAWING

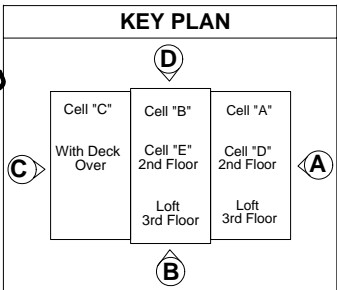
Manufacturing
Cell A
View A
Assembly-Exterior
wall
Sub-assembly
CAEWA15
Detail 13

MODEL(S): Hartford

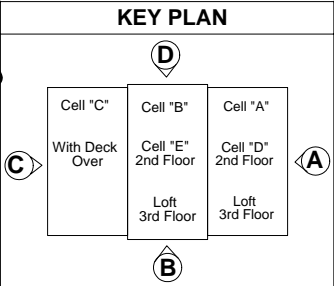
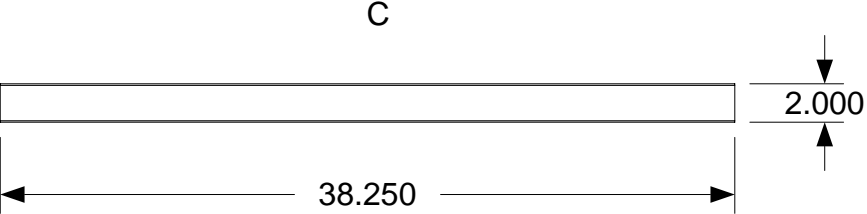
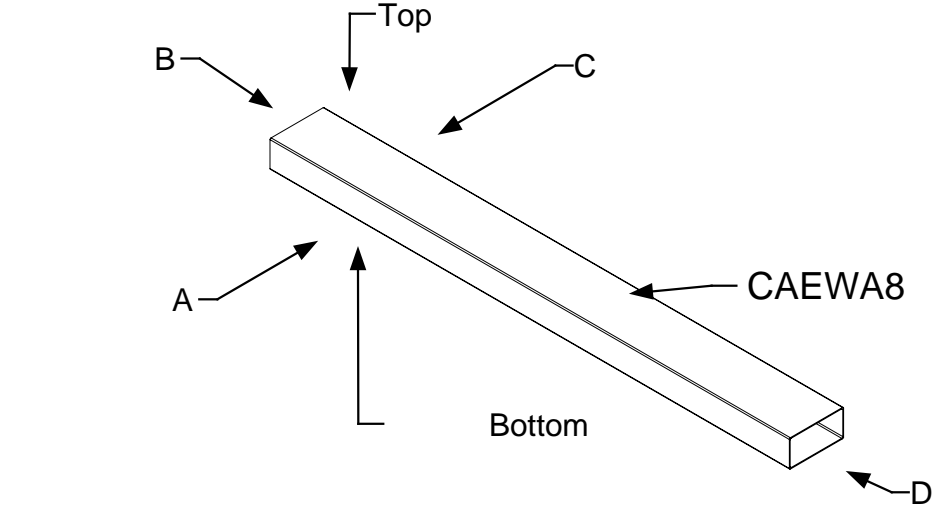
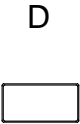
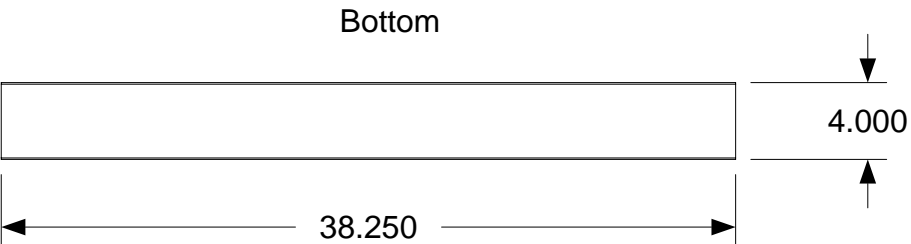
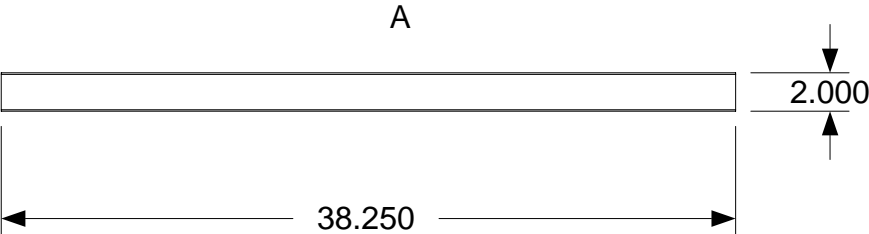
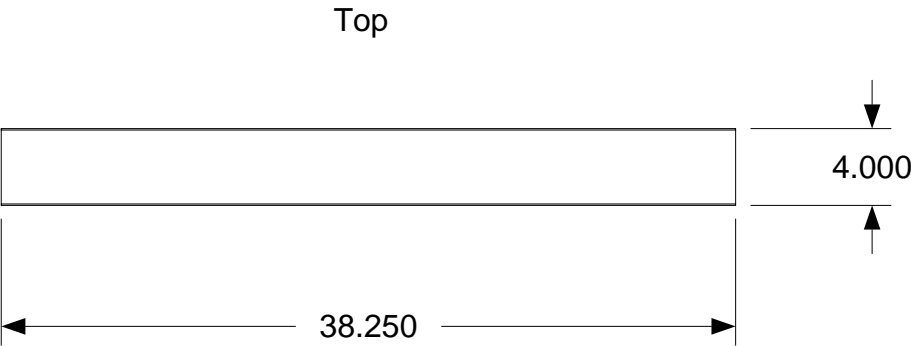
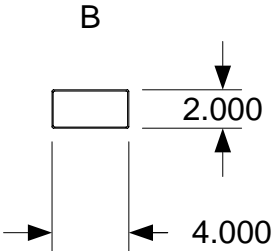
PAGE 97



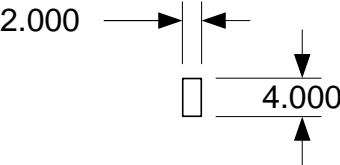
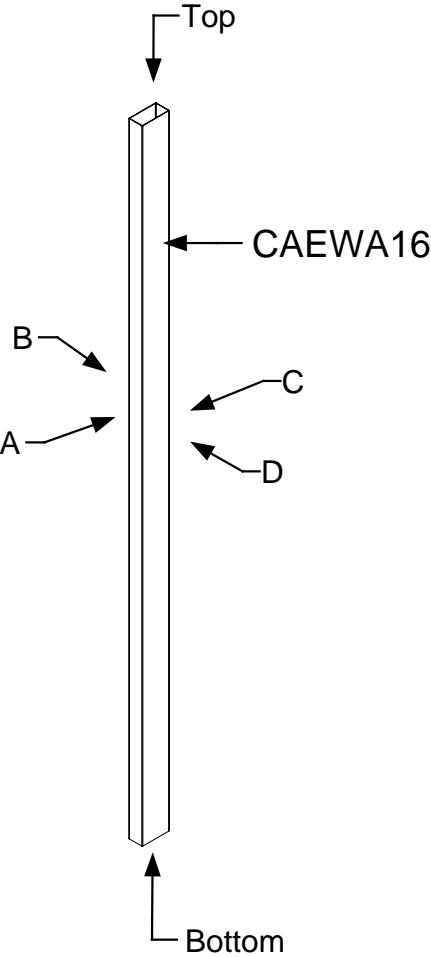
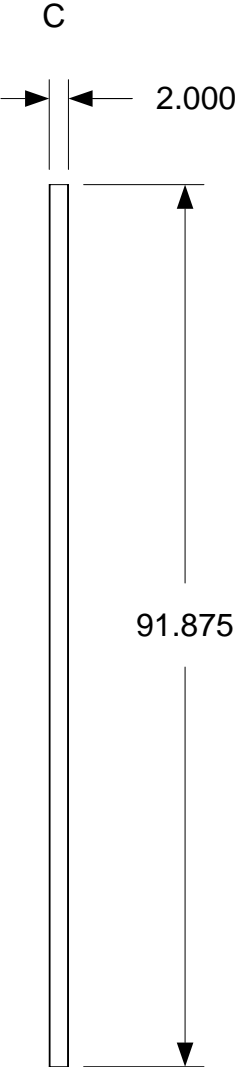
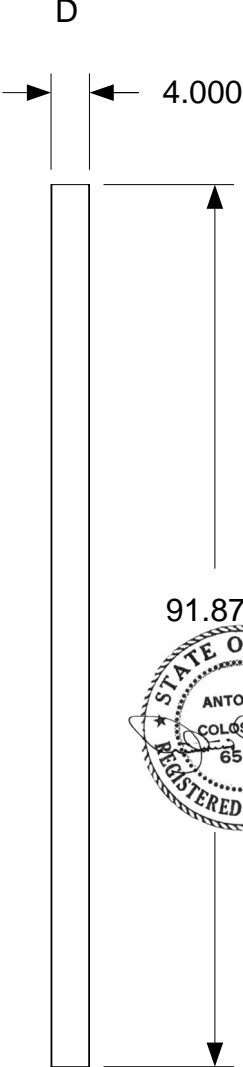
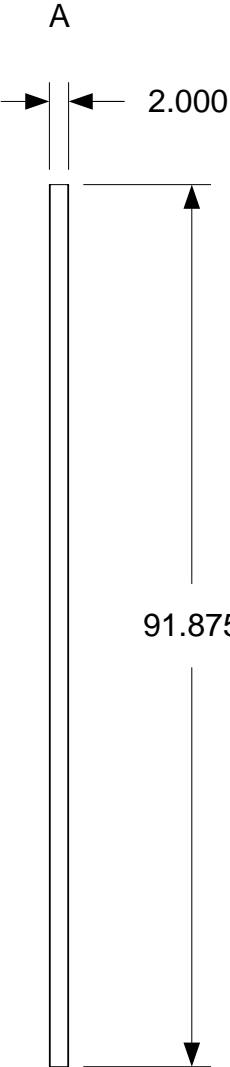
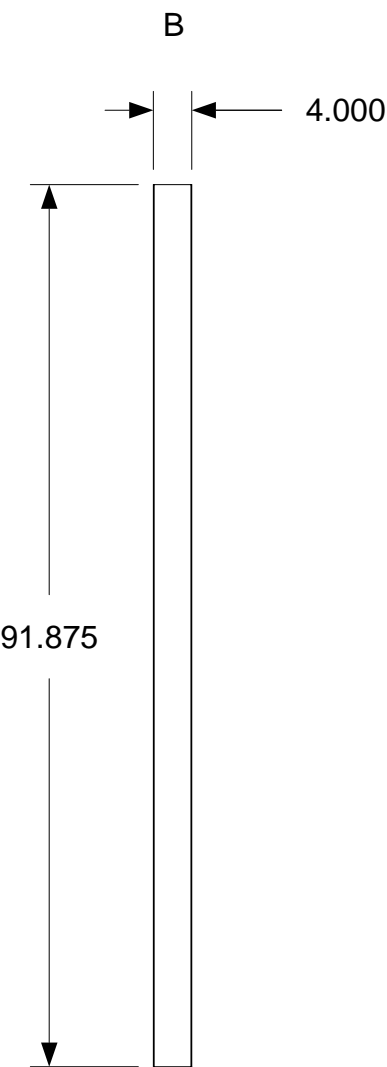
April 11, 2006
PDG Domus 060323-1



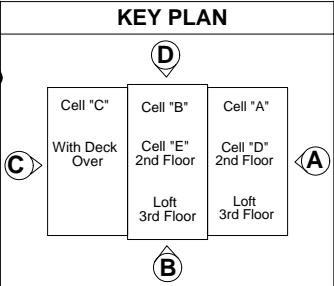
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA3 Detail 14
MODEL(S): Hartford
PAGE 98



DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA8 Detail 15
MODEL(S): Hartford
PAGE 99

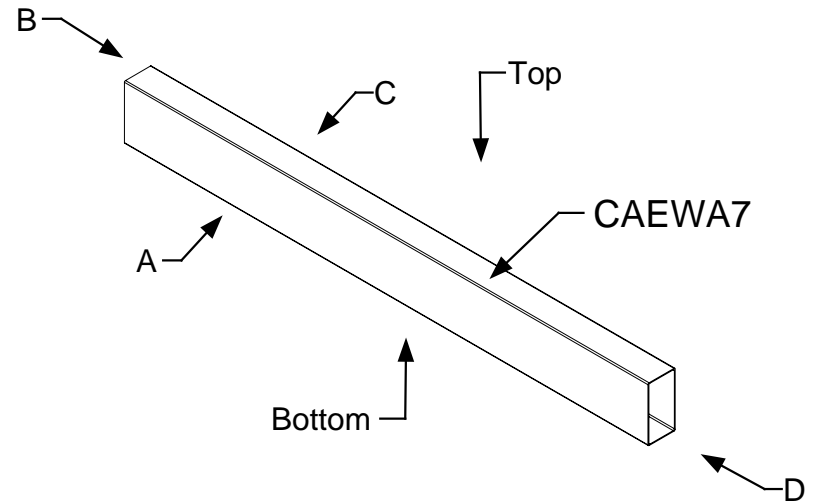
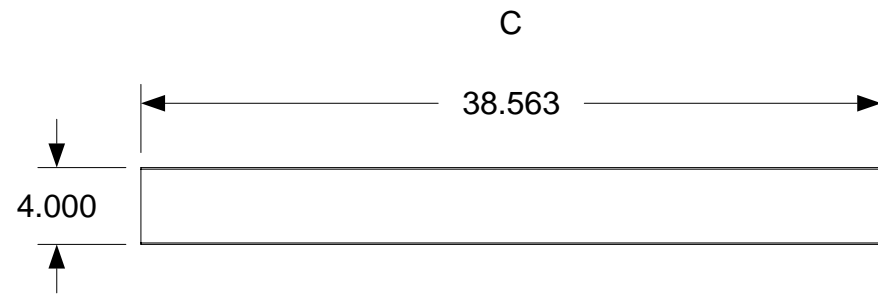
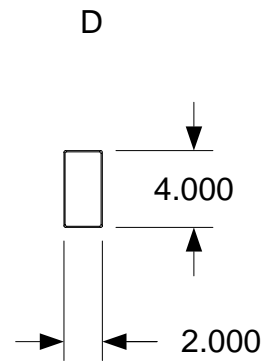
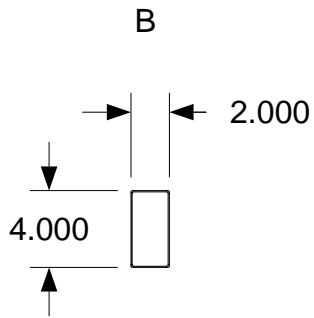
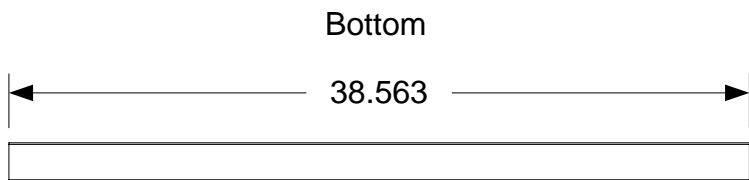
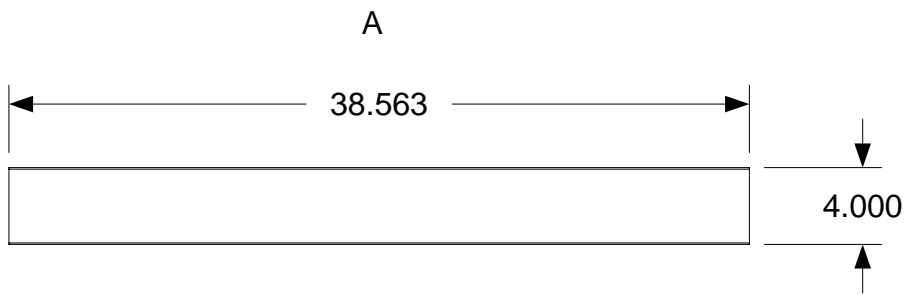
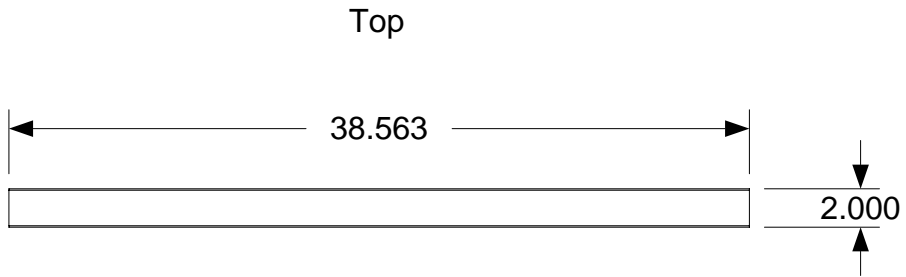


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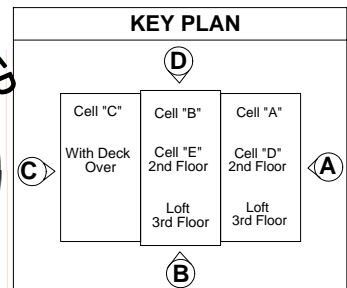


April 11, 2006
PDG Domus 060323-1

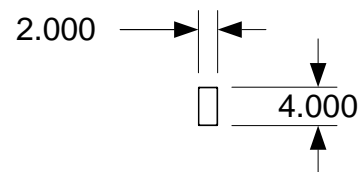
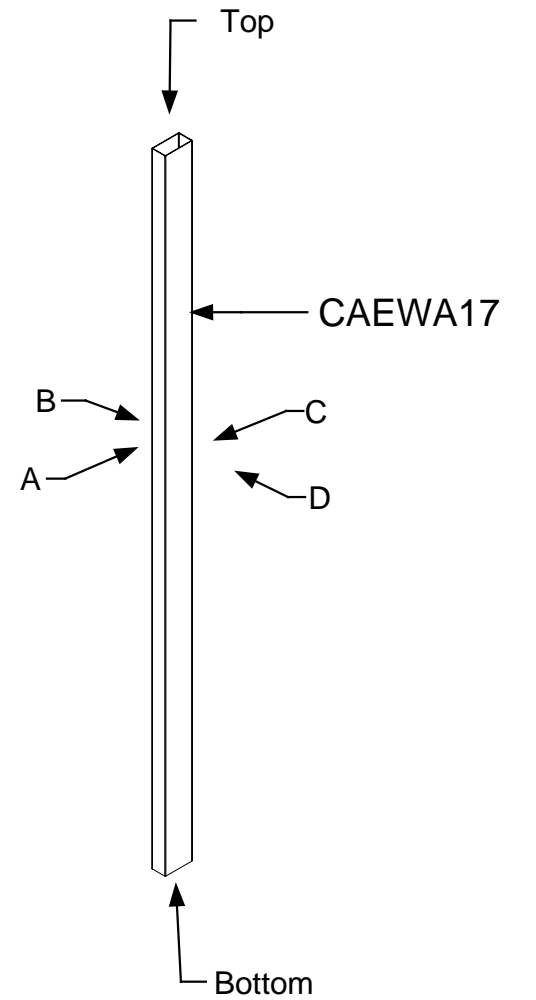
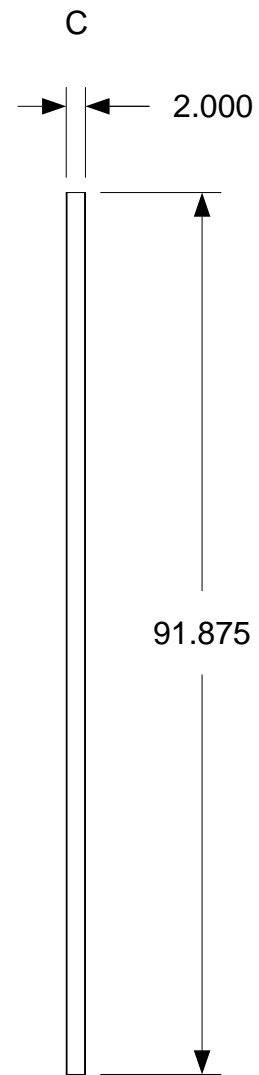
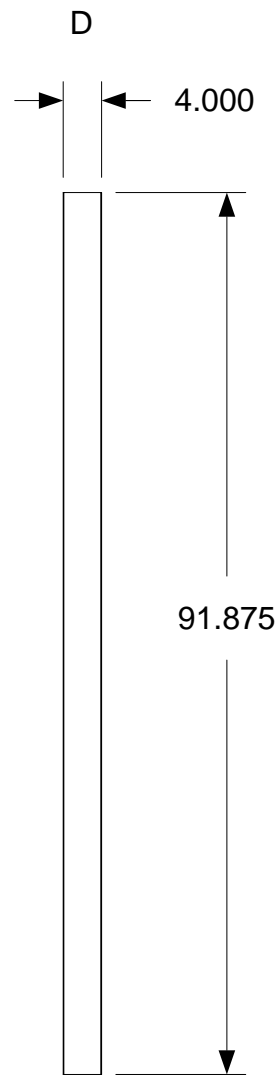
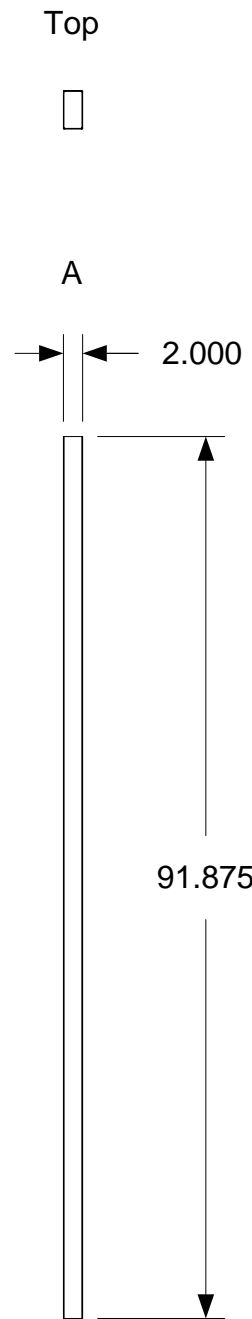
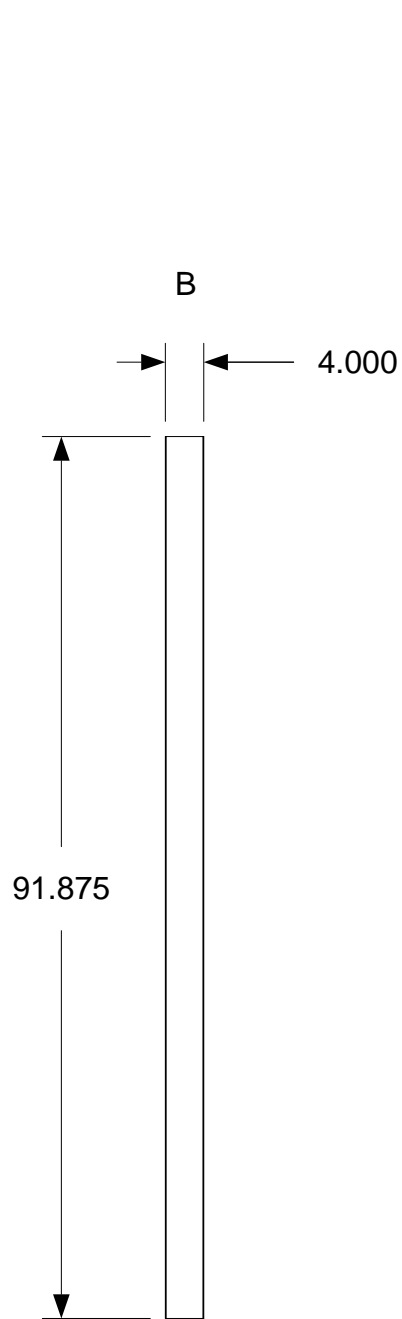
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA16 Detail 16
MODEL(S): Hartford
PAGE 100



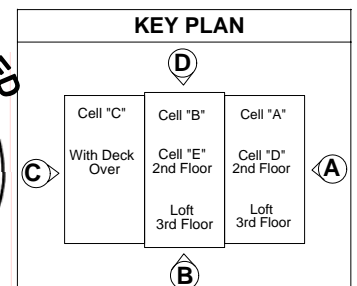
April 11, 2006
PDG Domus 060323-1



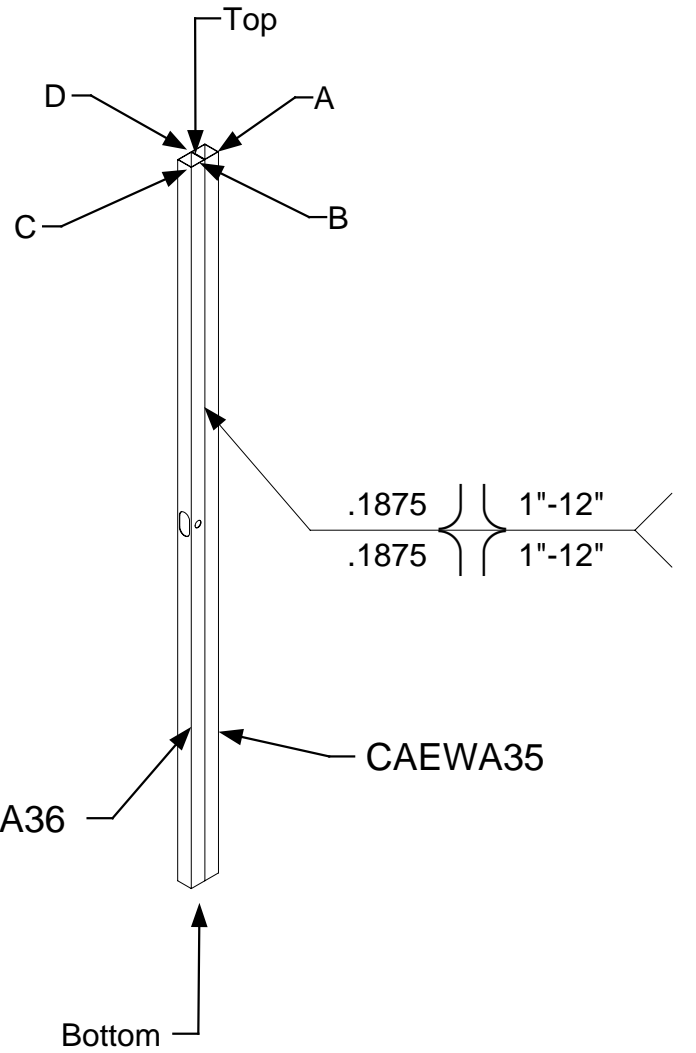
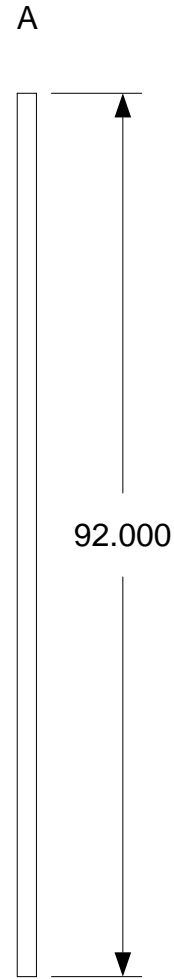
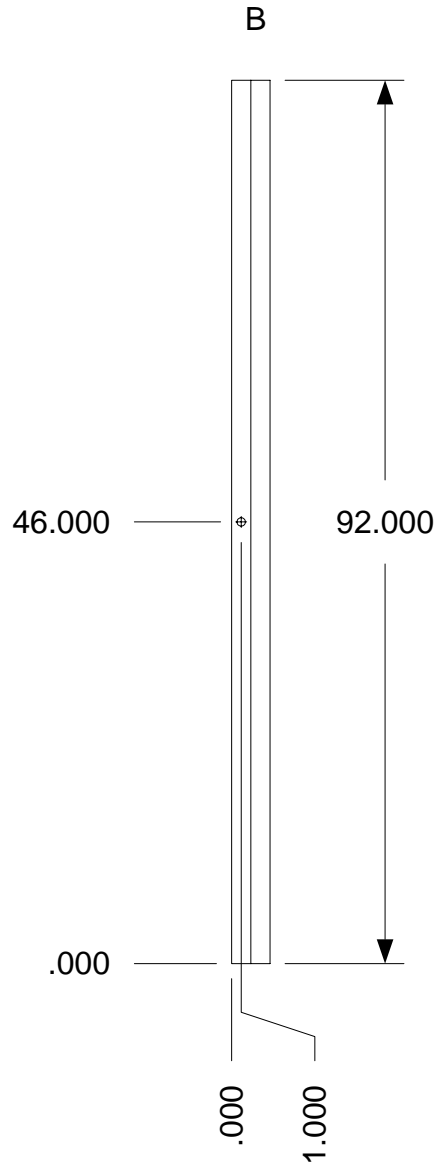
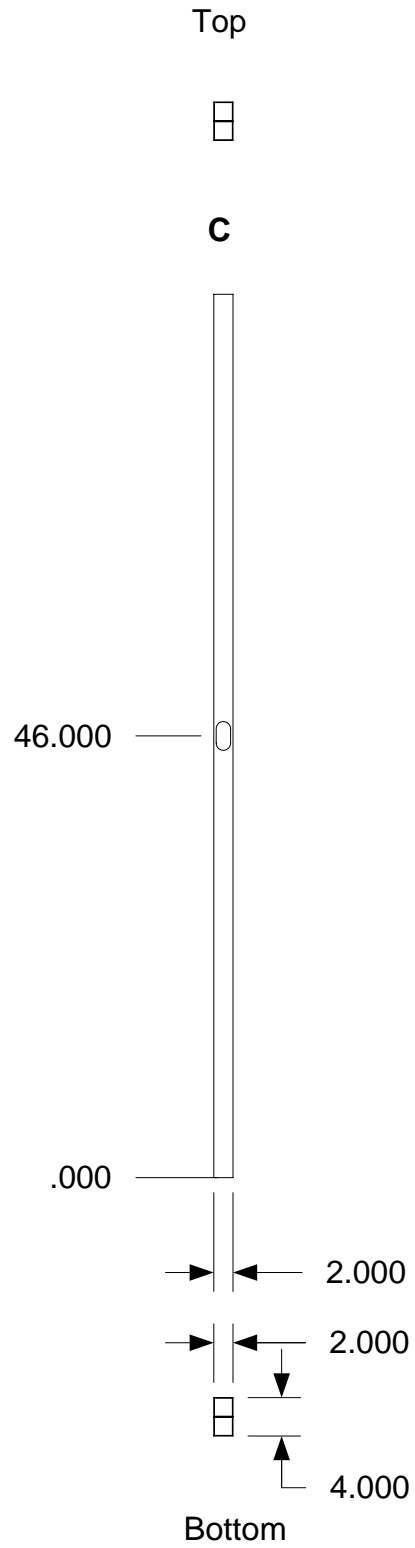
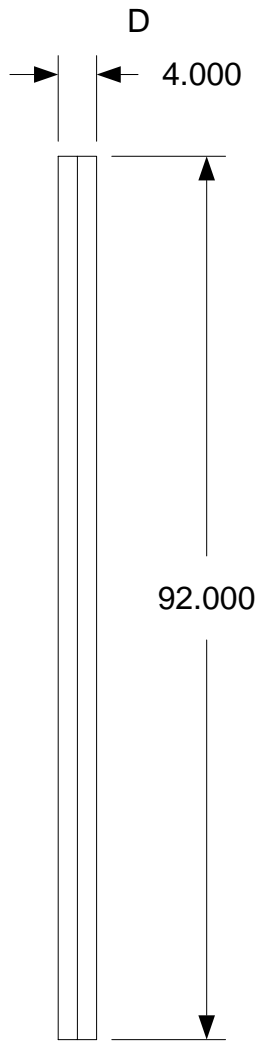
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA7
Detail 17
MODEL(S): Hartford
PAGE 101



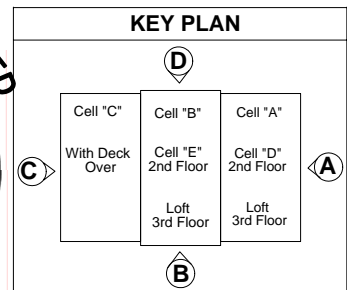
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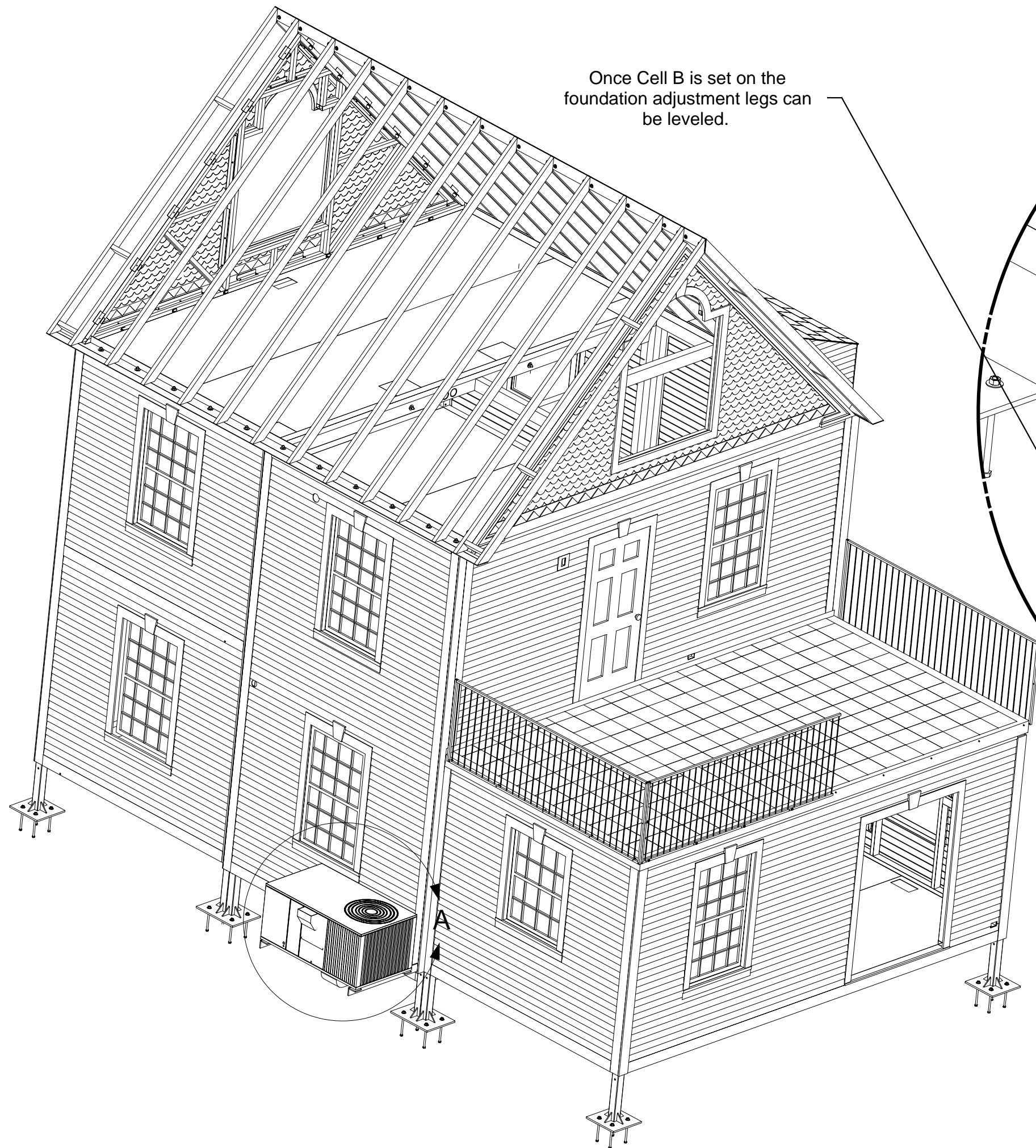
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA17 Detail 18
MODEL(S): Hartford
PAGE 102



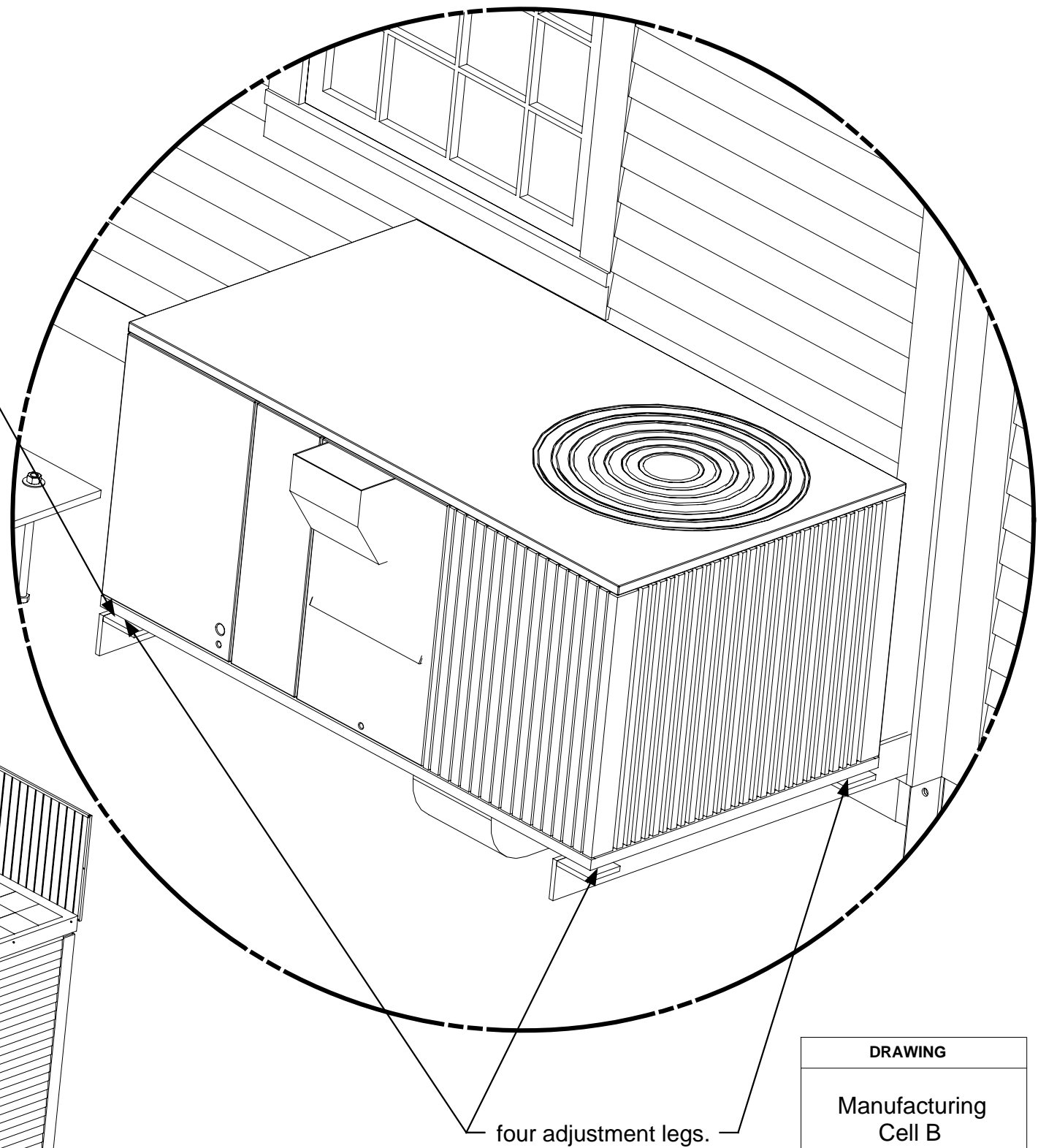
April 11, 2006
PDG Domus 060323-1



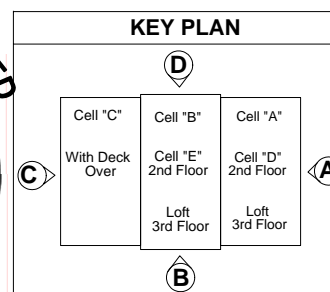
DRAWING
Manufacturing Cell A View A Assembly-Exterior wall Sub-assembly CAEWA35 CAEWA36 Detail 19
MODEL(S): Hartford
PAGE 103



Once Cell B is set on the foundation adjustment legs can be leveled.



four adjustment legs.

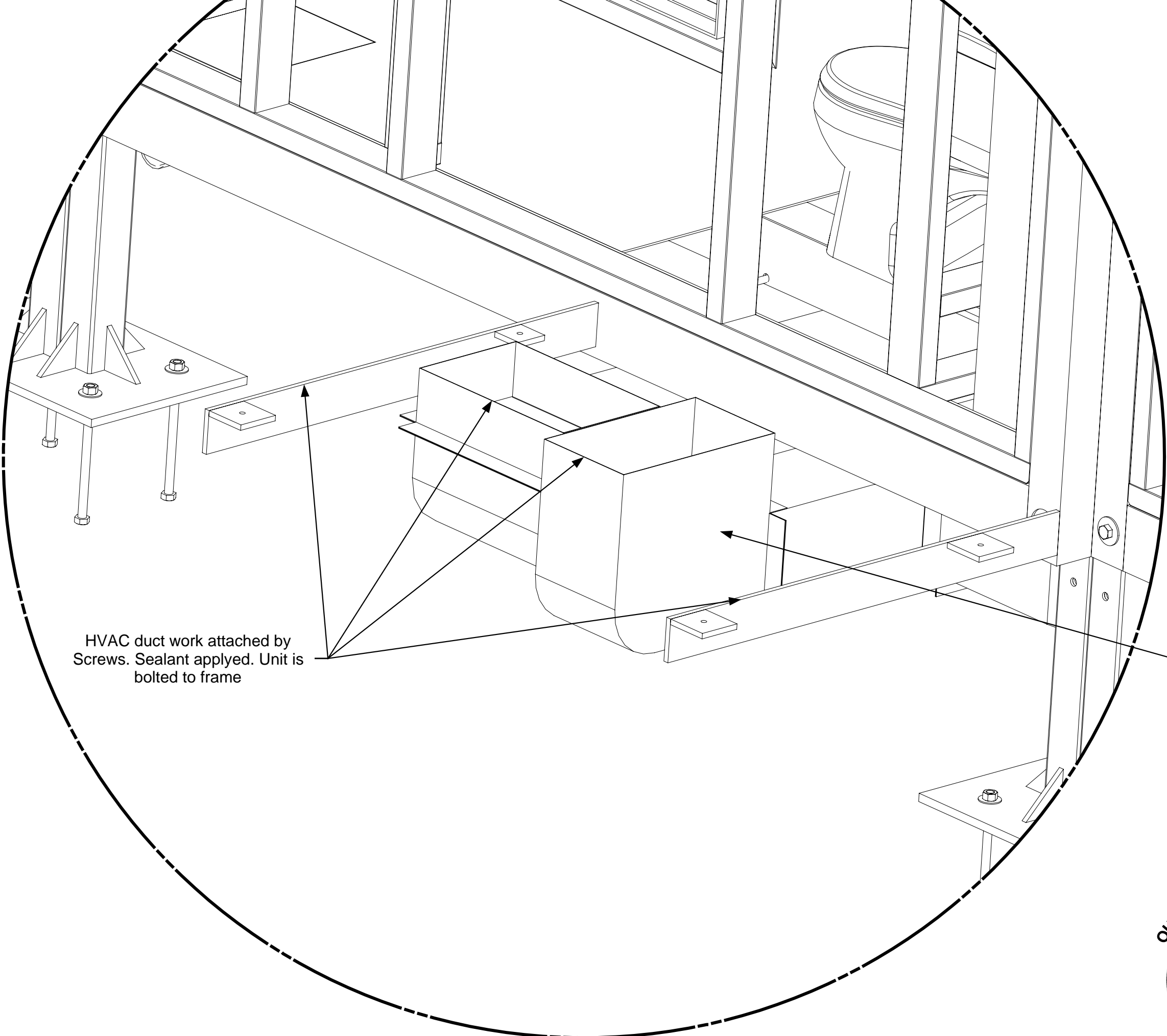


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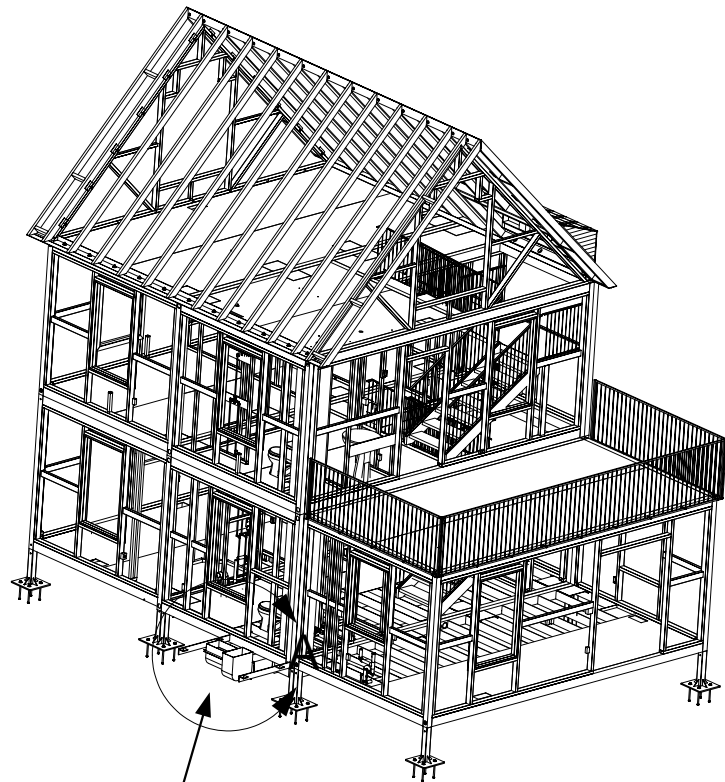
Manufacturing
Cell B
View 3D
Assembly-Cell
HVAC installation
Heating & Cooling
unit
(Type 1)

MODEL(S): Hartford

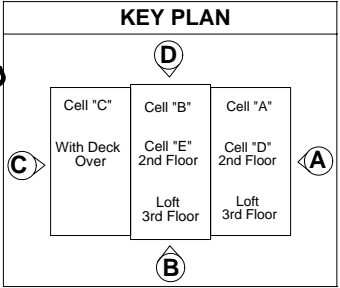
PAGE 104A1



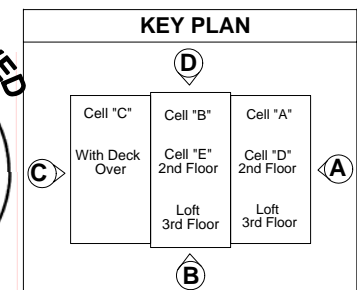
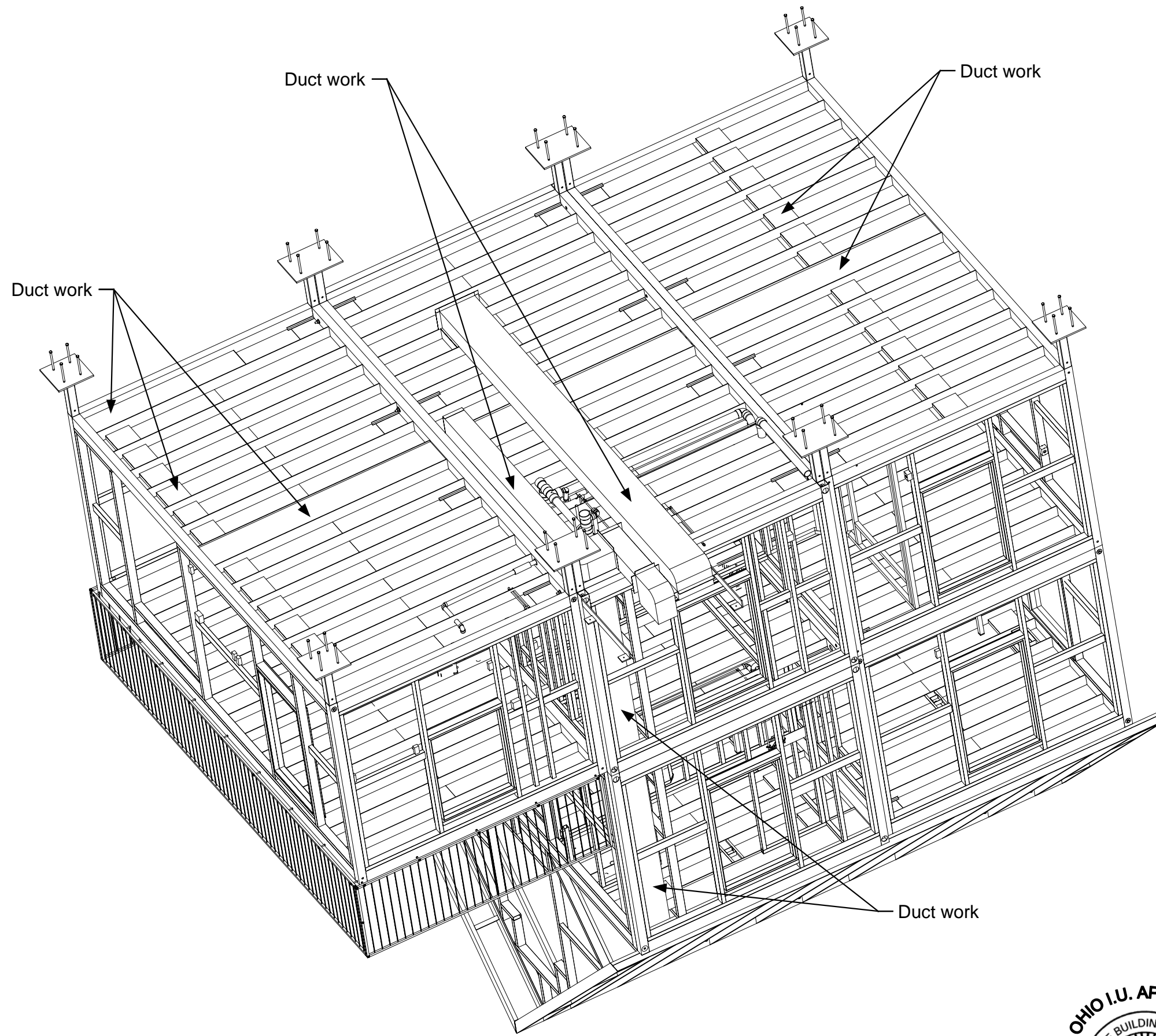
HVAC duct work attached by
Screws. Sealant applied. Unit is
bolted to frame



HVAC unit requires wiring and
hook up to duct work before
testing



DRAWING
Manufacturing Cell B View 3D Assembly-Cell HVAC installation Heating & Cooling Unit installation (Type 1)
MODEL(S): Hartford
PAGE104A2



DRAWING

Manufacturing
Cell B
View 3D
Assembly-Cell
HVAC installation
Bottom view
(Type 1)

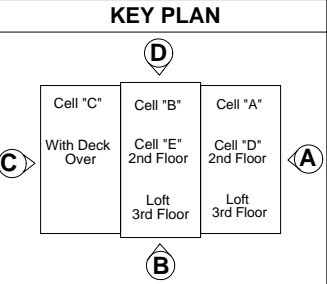


MODEL(S): Hartford

PAGE104A3

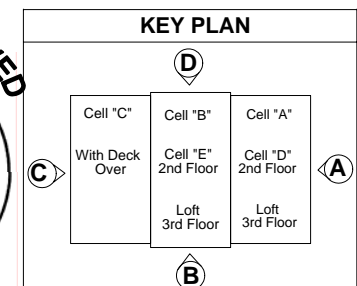
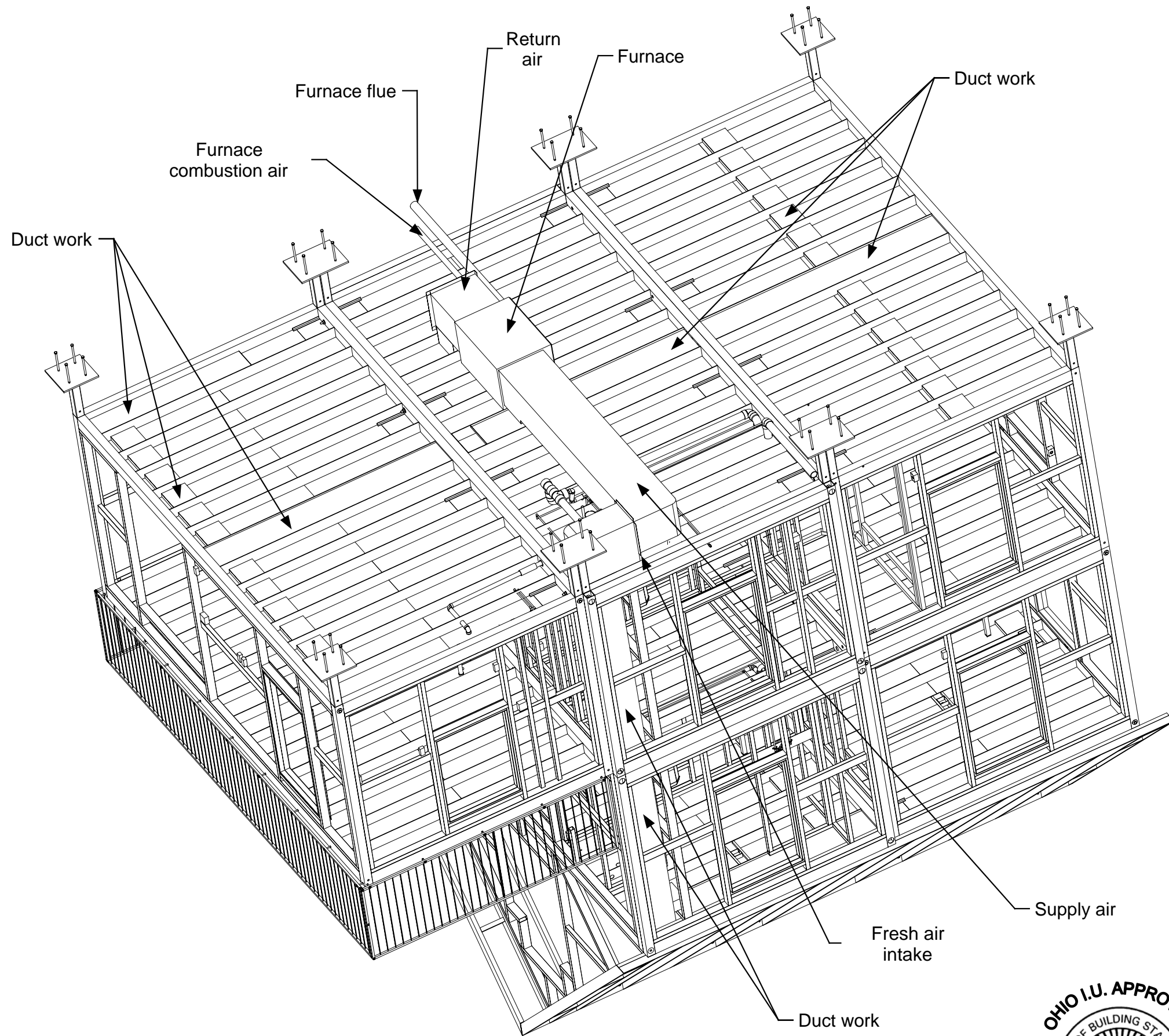
HVAC Type 1 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

22J,22K,23A,23J,23K,24A,25A,25.1,25.3,25.4



DRAWING
Manufacturing HVAC (Type 1) Mechanical Plan Architectural Plan
MODEL(S): Hartford
PAGE 104A4

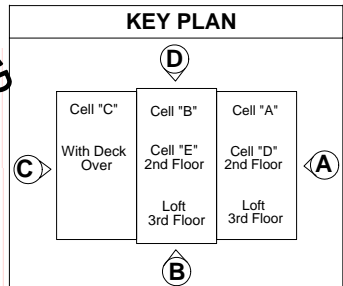
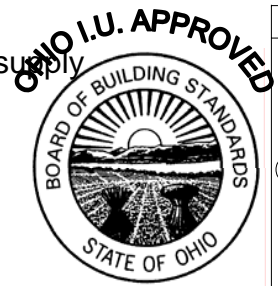
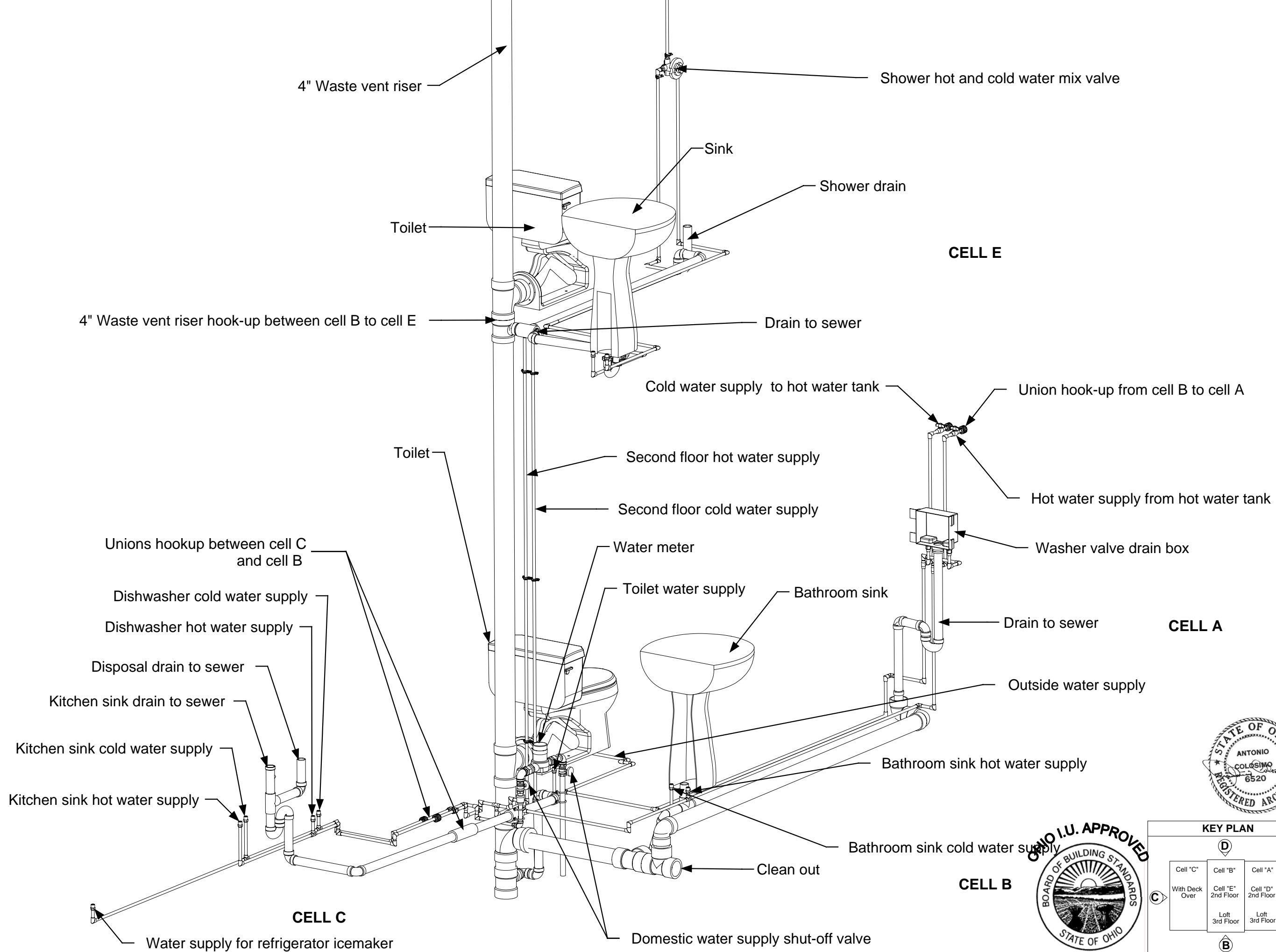


DRAWING

Manufacturing
Cell B
Assembly-Cell
HVAC installation
Bottom view
(Type 2)

MODEL(S): Hartford

PAGE104B1

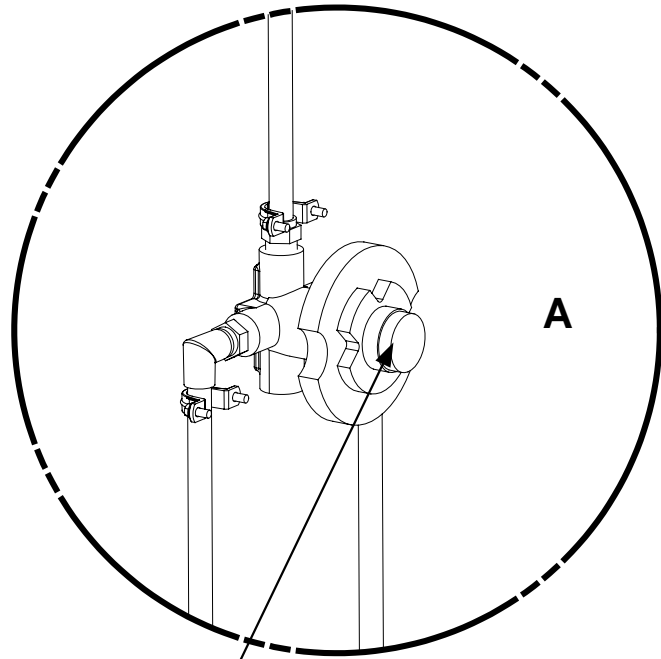


DRAWING

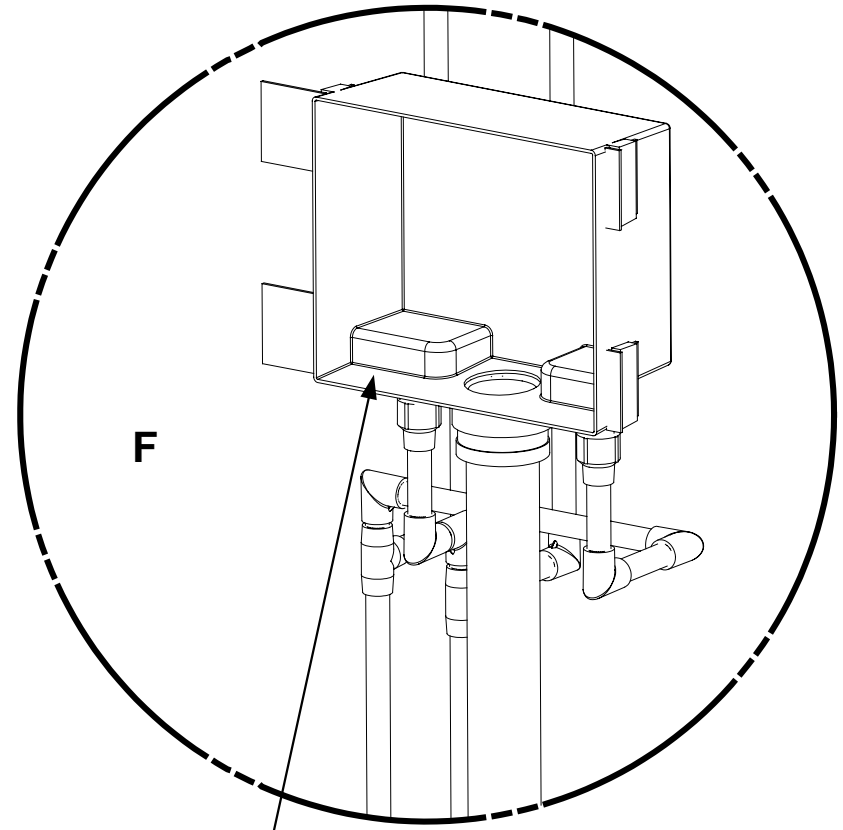
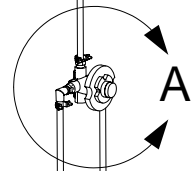
Manufacturing
Cell A-B-C-E
View 3D
Assembly-Cell
Plumbing
installation

MODEL(S): Hartford

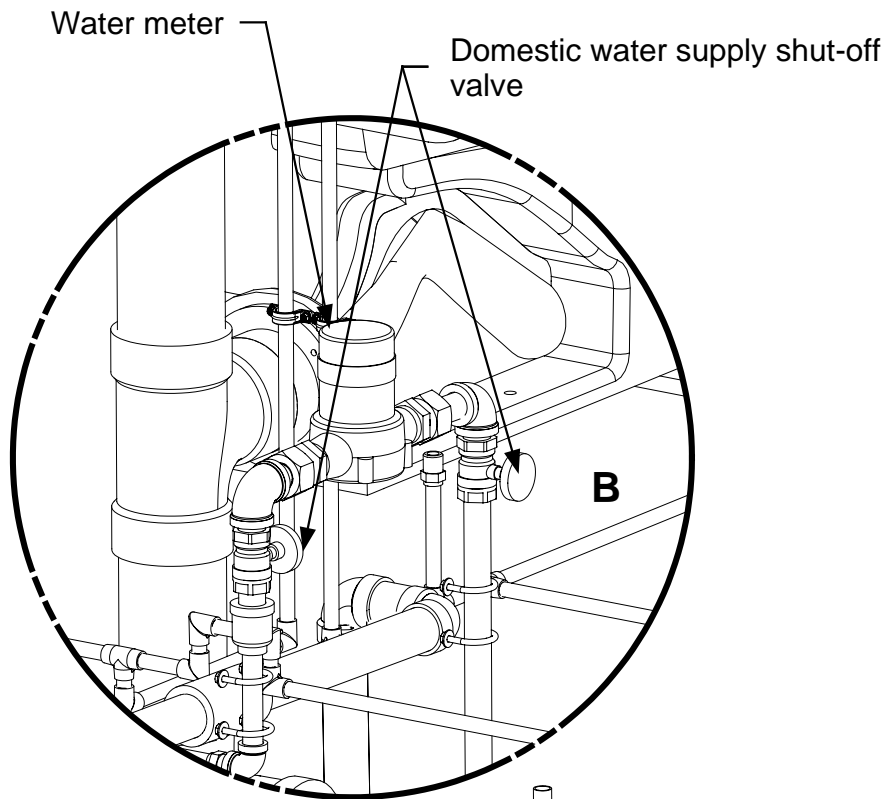
PAGE104C



Shower hot and cold water mix valve

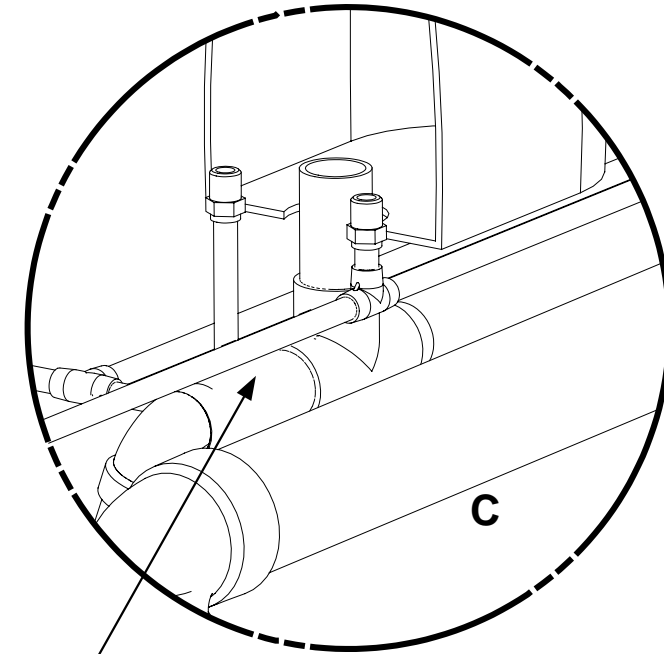
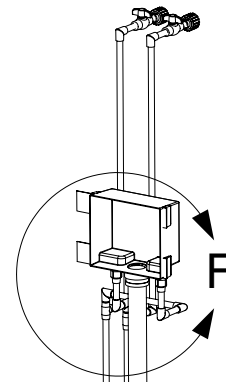
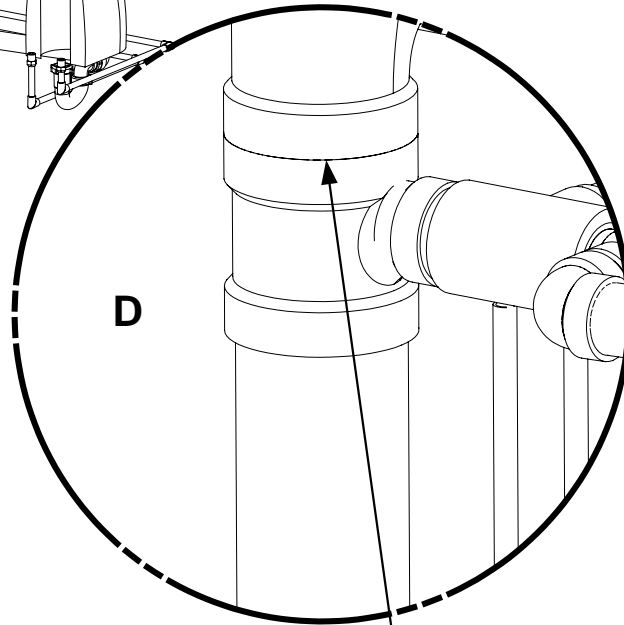


Washer valve drain box

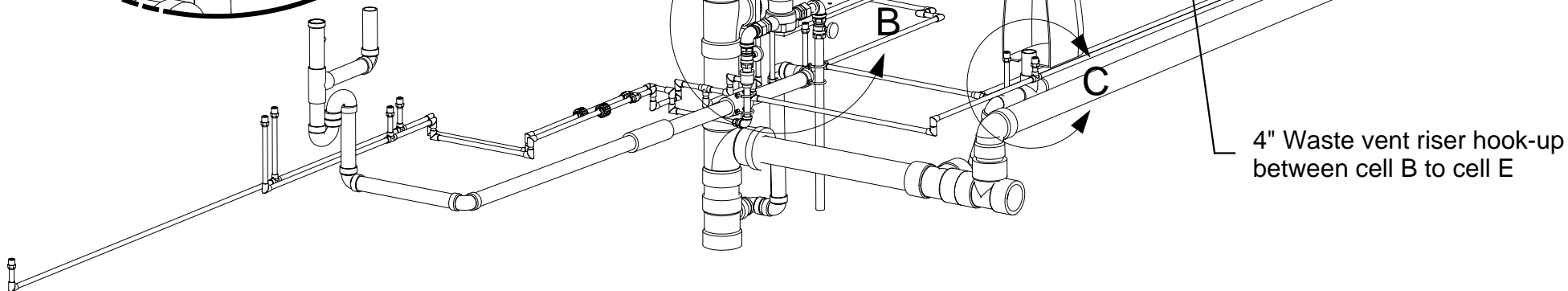


Water meter

Domestic water supply shut-off valve



Bathroom sink drain and hot/cold water supply



4" Waste vent riser hook-up between cell B to cell E



KEY PLAN		
Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
(C)	(B)	(A)

DRAWING

Manufacturing
Cell A-B-C-E
View 3D
Assembly-Cell
Plumbing
installation
Detail 1

MODEL(S): Hartford

PAGE104C1

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

17A,17B,17C,17D,17E,17F,17G,17H,17K,17J,18A,
18.1,18J,18K,19A,19.2,20A,20.1,21A,21.1,21.4

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

APRIL 11, 2006

PDG Domus 060323-1

KEY PLAN

Cell "C"

With Deck
Over

Cell "B"

Cell "E"
2nd Floor

Loft
3rd Floor

Cell "A"

Cell "D"
2nd Floor

Loft
3rd Floor

D

C

A

B

STATE OF OHIO

ANTONIO COLASIMO

REGISTERED ARCHITECT

6520

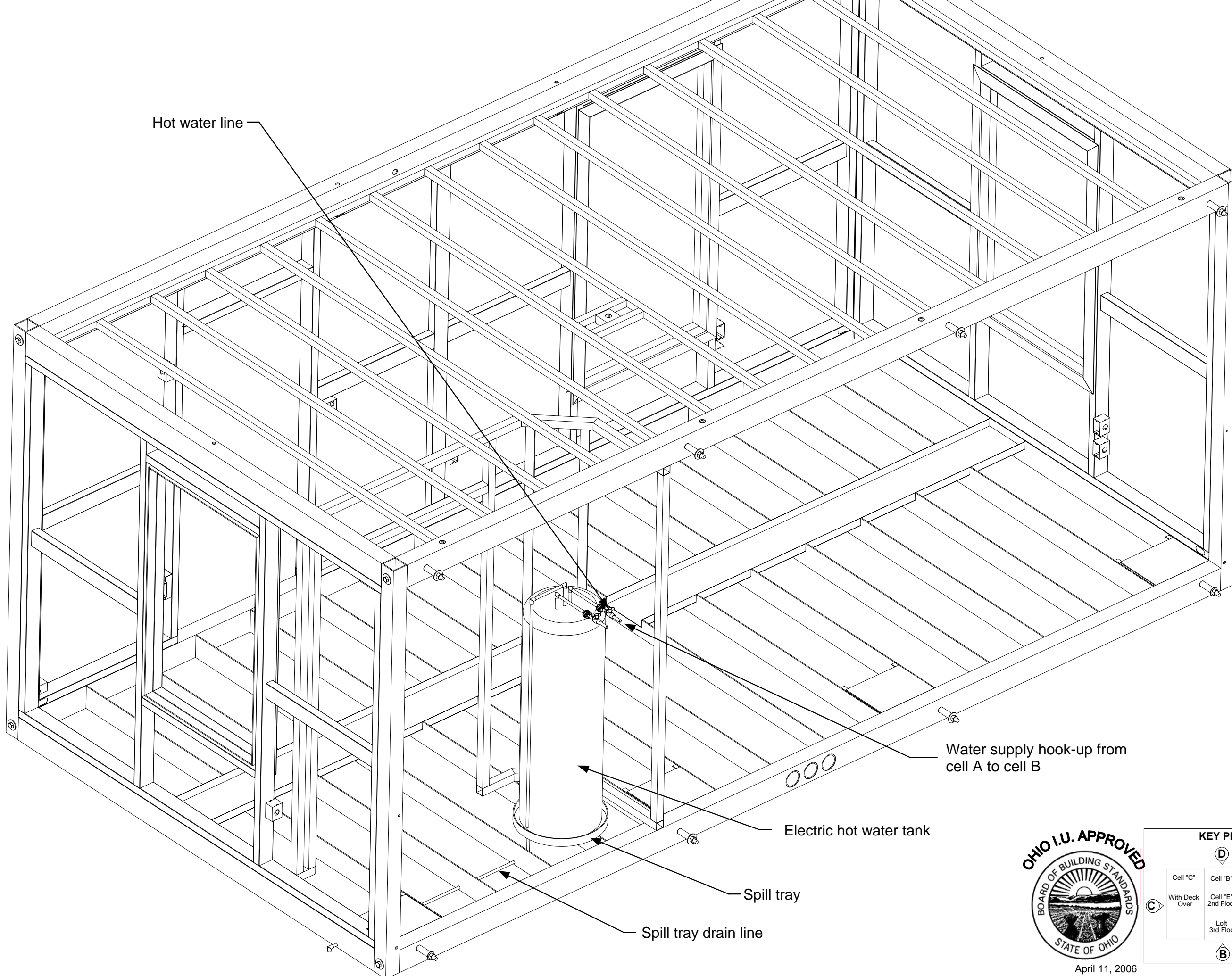
DRAWING

Manufacturing
Cell A-B-C-E
View 3D
Assembly-Cell
Plumbing

Architectural plan

MODEL(S): Hartford

PAGE 104C2



Hot water line

Water supply hook-up from
cell A to cell B

Electric hot water tank

Spill tray

Spill tray drain line

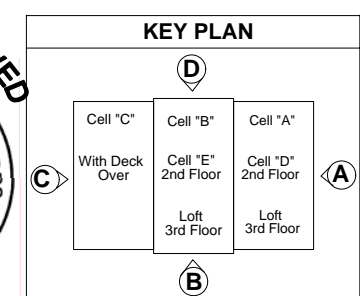


DRAWING

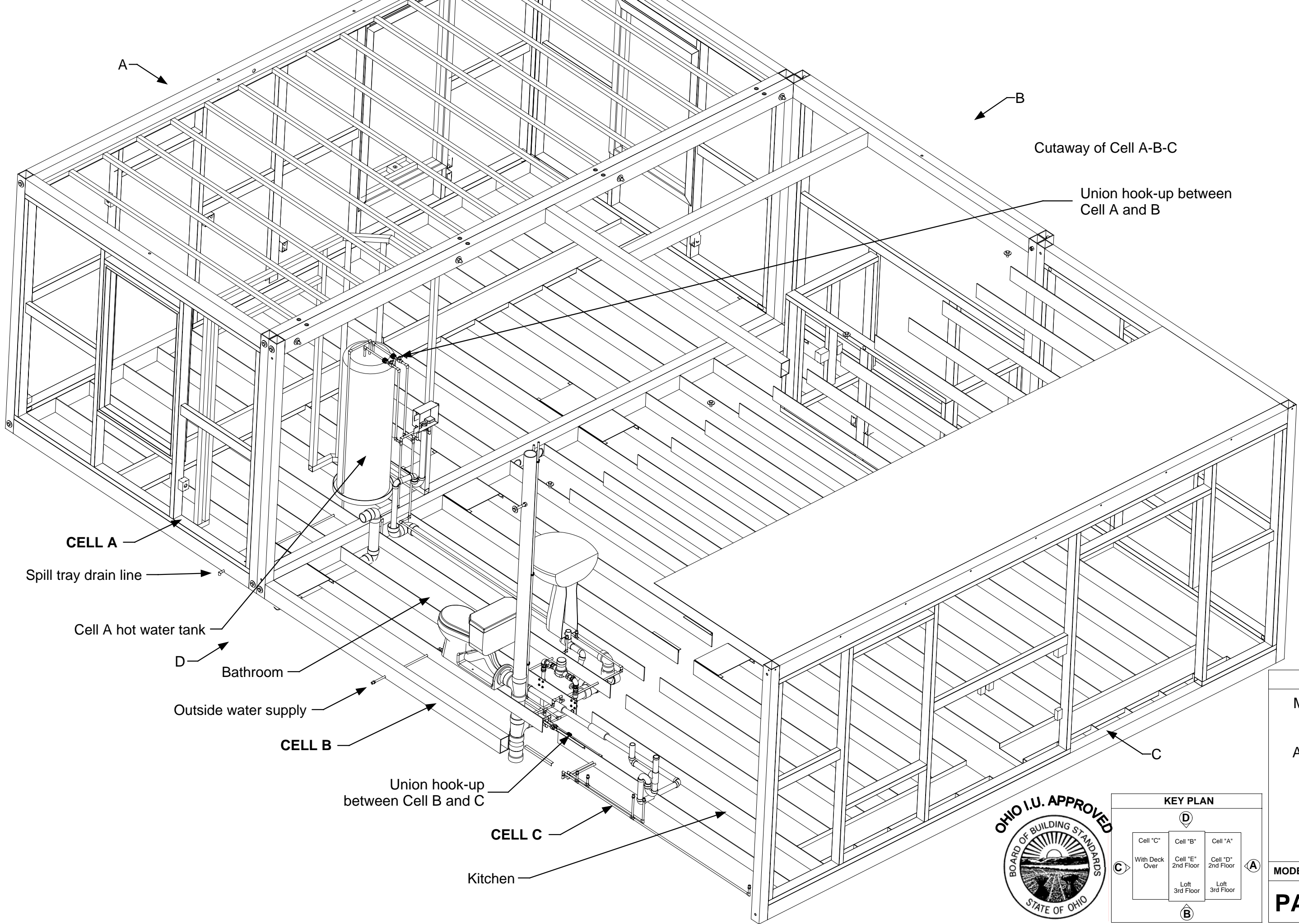
Manufacturing
Cell A
View 3D
Assembly-Cell
Plumbing
installation

MODEL(S): Hartford

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April 11, 2006
PDG Domus 060323-1

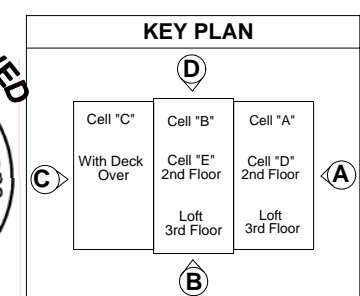


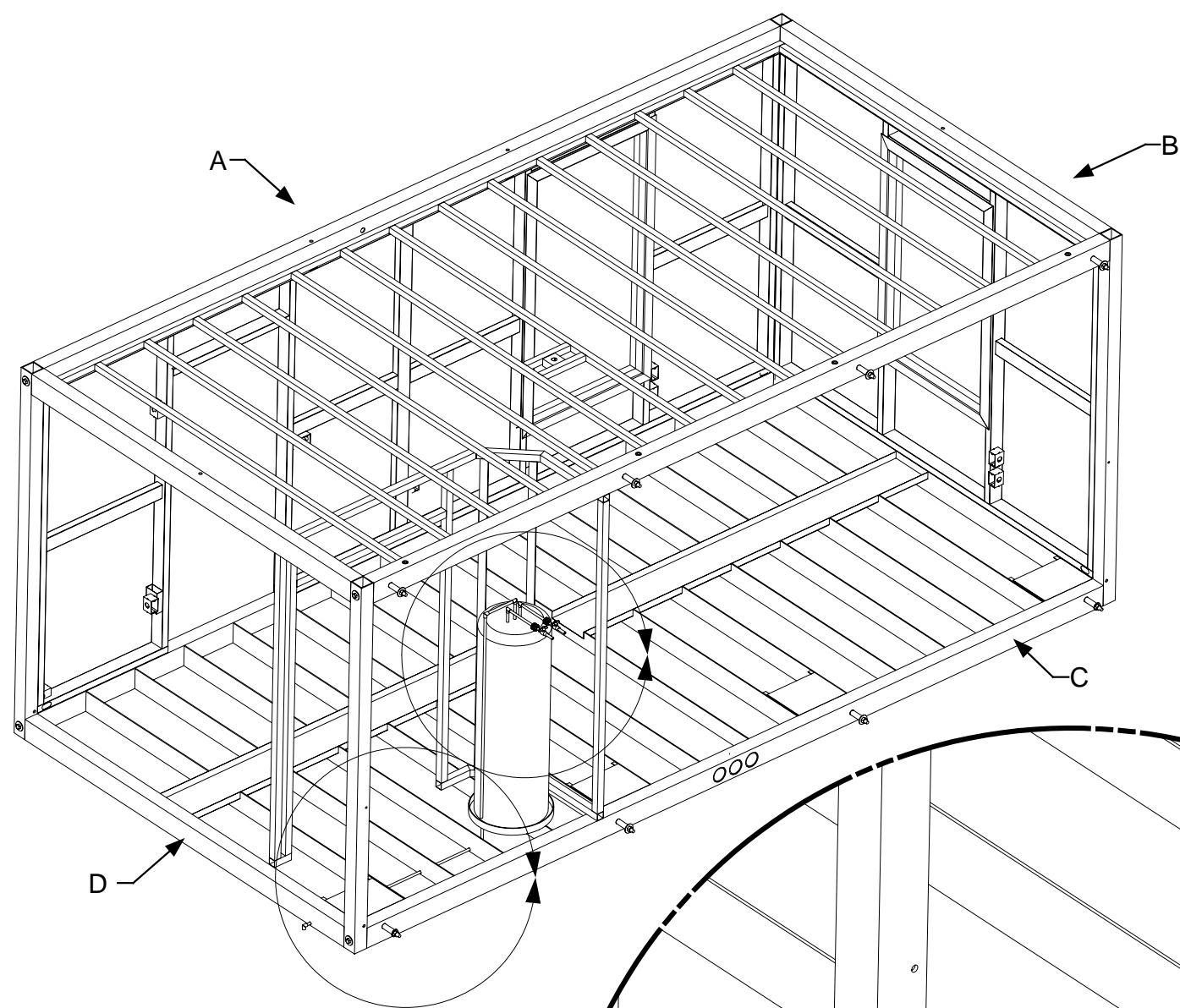
DRAWING

Manufacturing
Cell A
View C & D
Assembly-Cell
Plumbing
installation

MODEL(S): Hartford

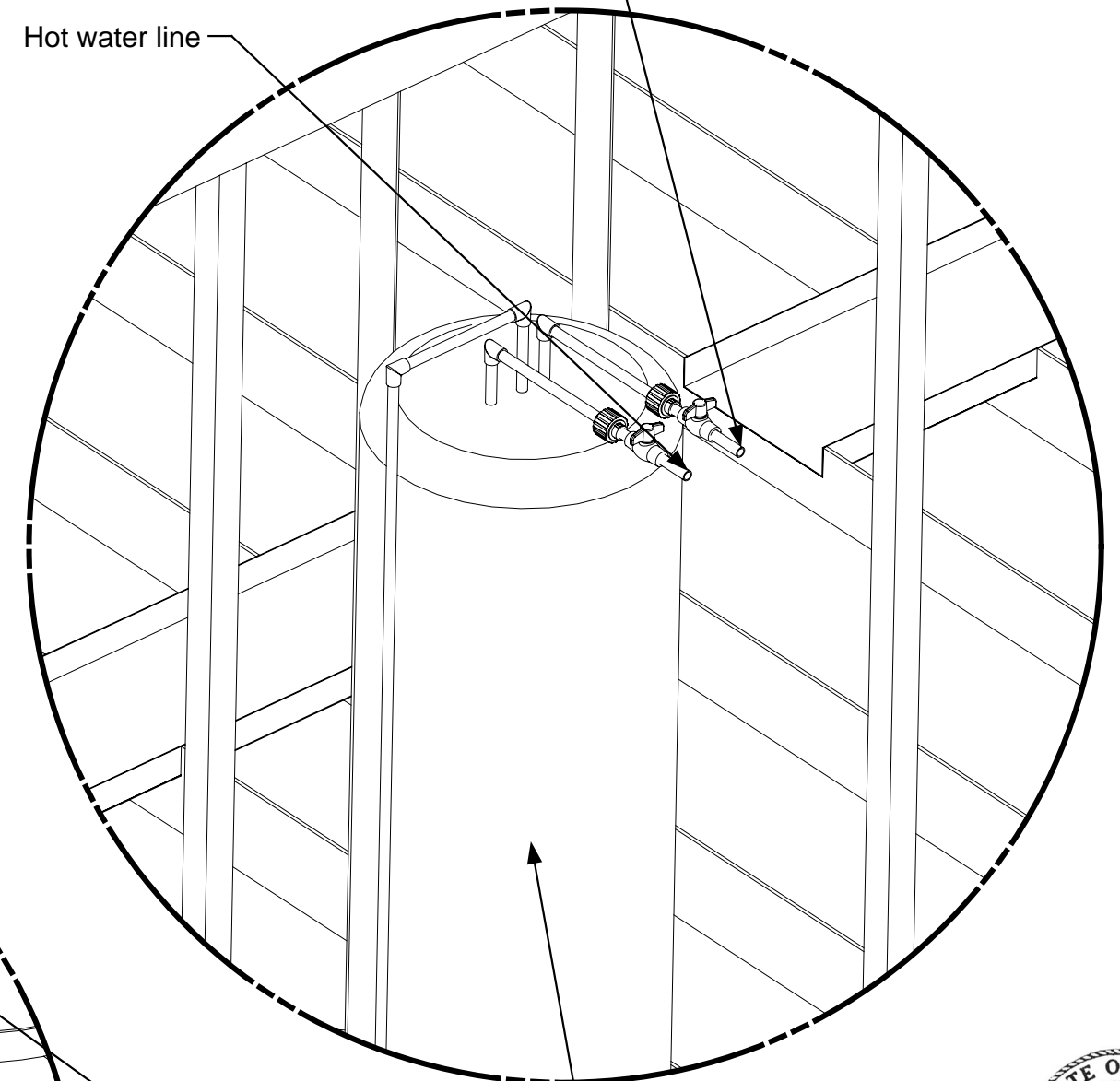
PAGE 105A





Water supply hook-up from Cell A to cell B

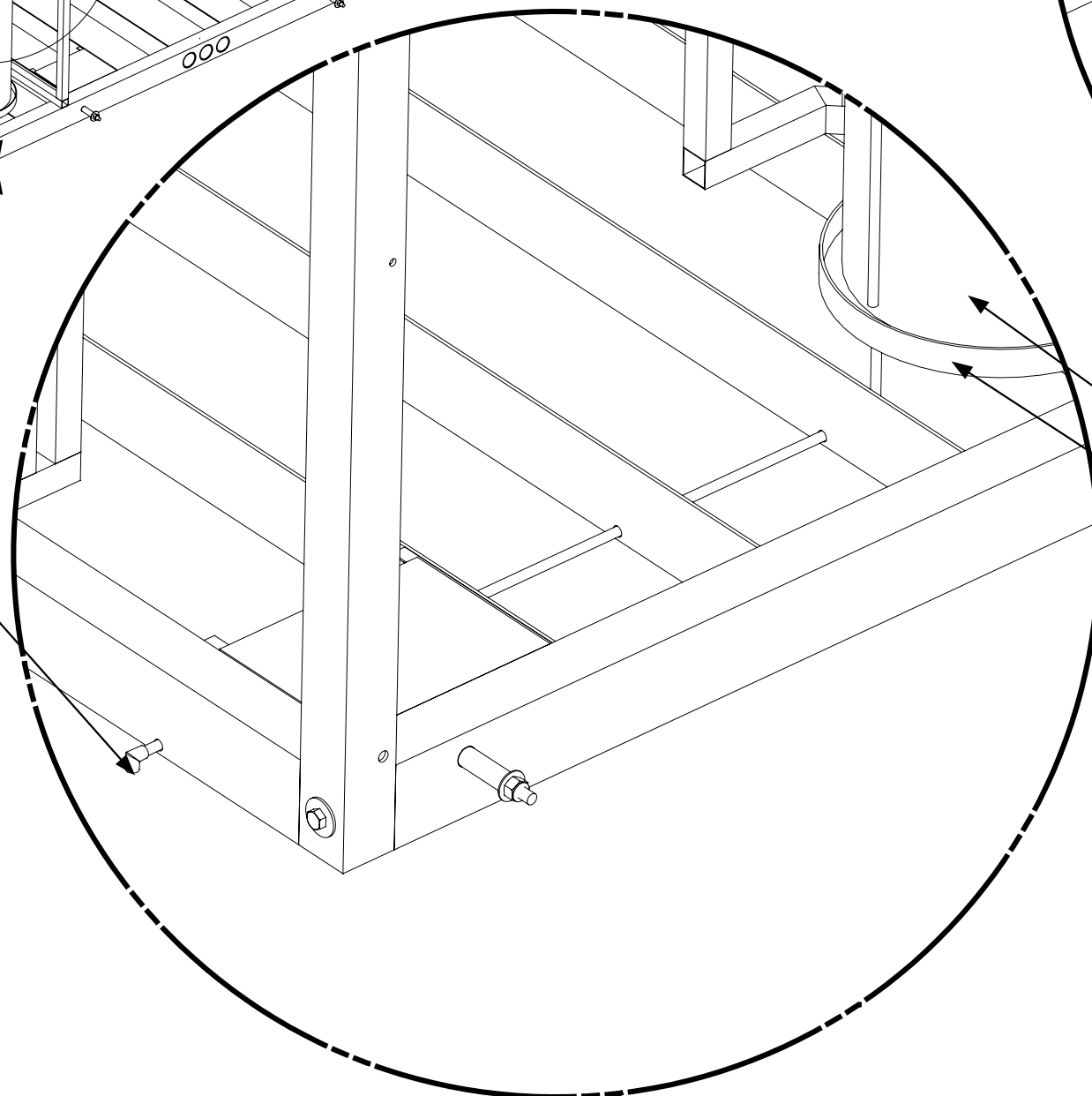
Hot water line



Electric hot water tank

Spill tray

Spill tray drain line

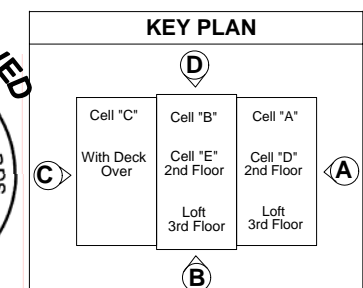


DRAWING

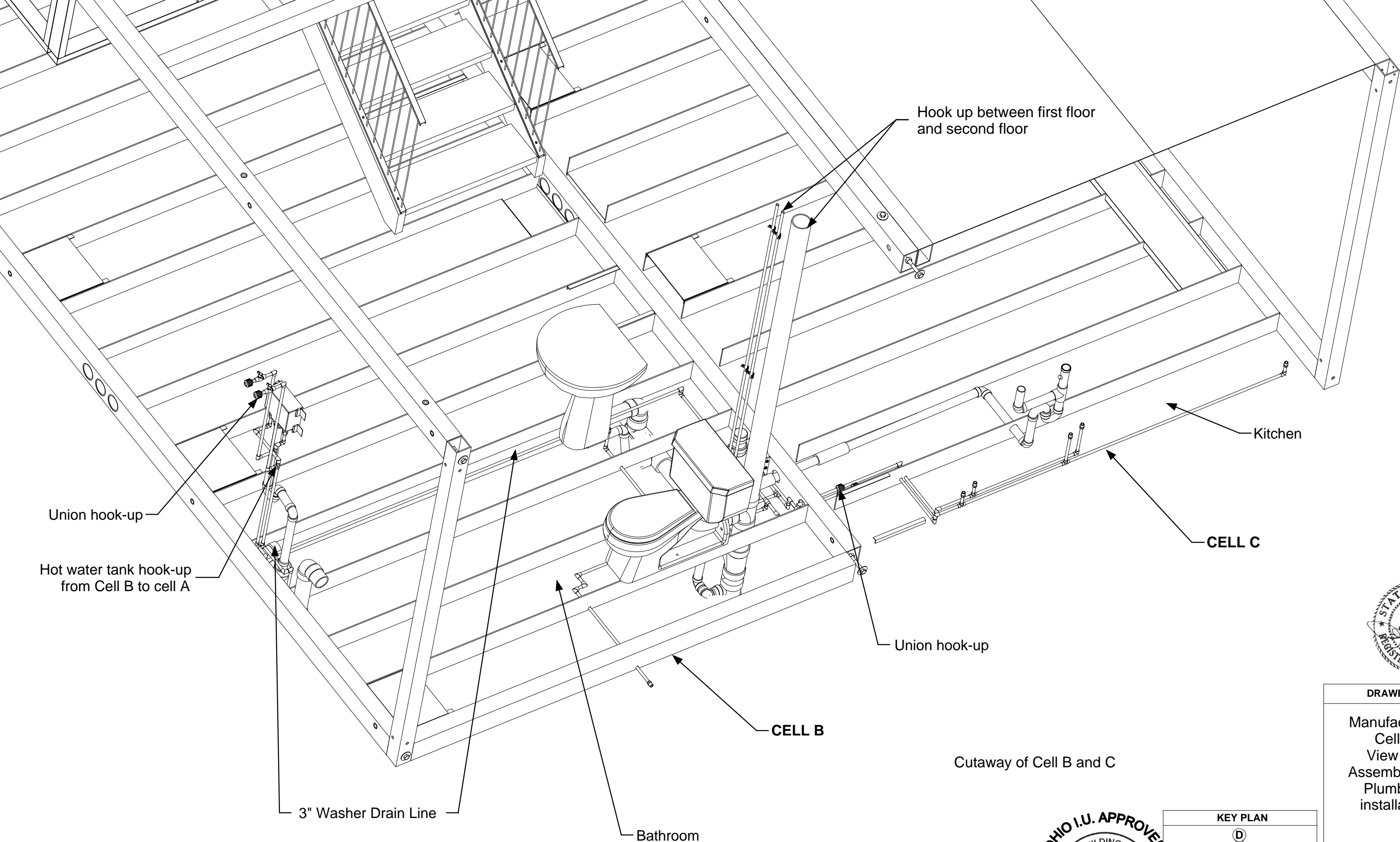
Manufacturing
Cell A
View C & D
Assembly-Cell
Plumbing
installation
Hot water tank
Detail 1

MODEL(S): Hartford

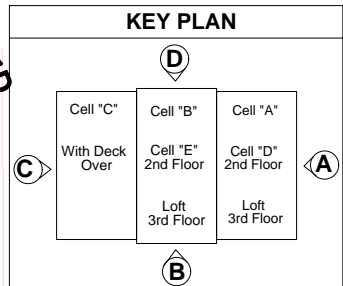
PAGE 105B



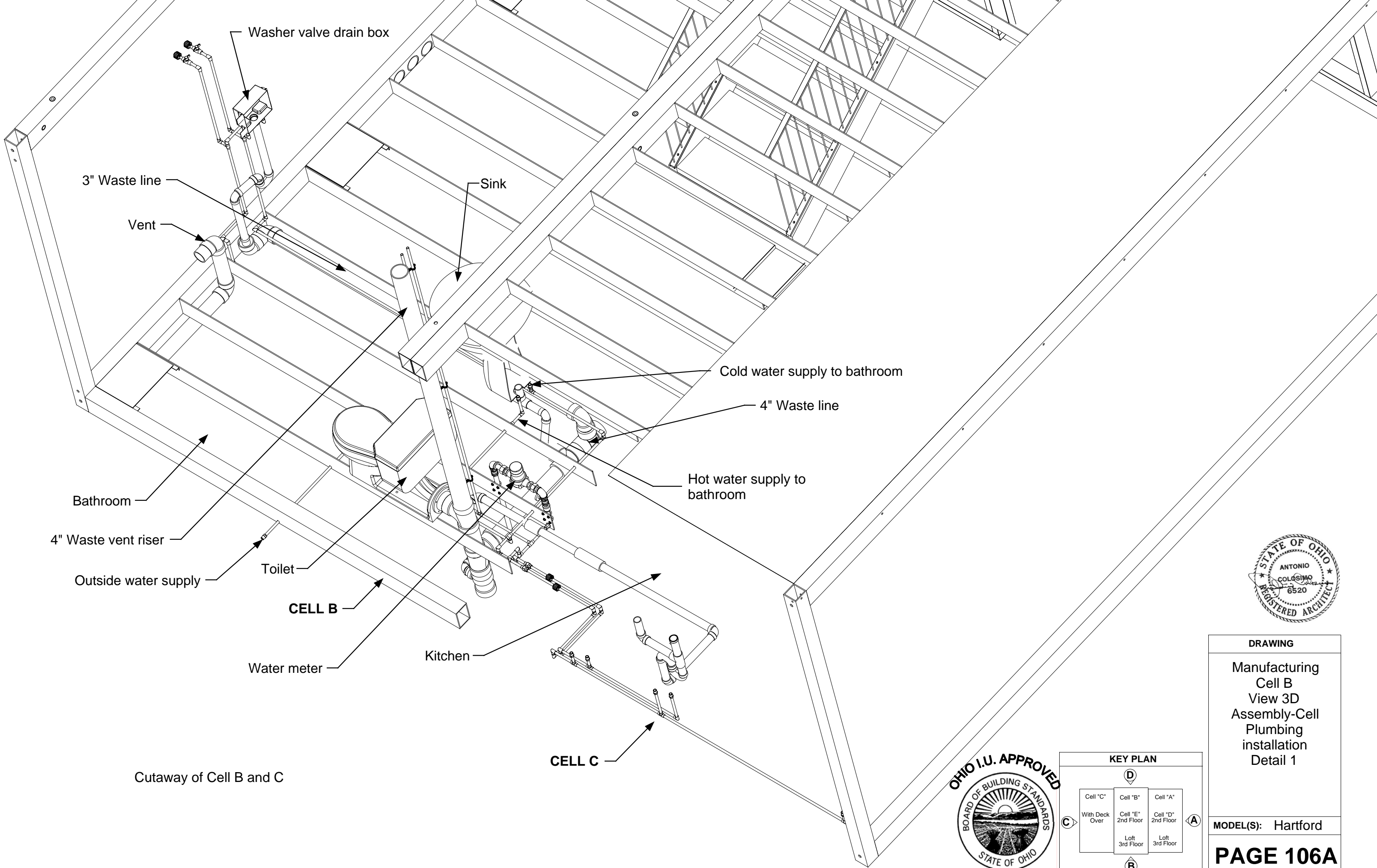
April 11, 2006
PDG Domus 060323-1



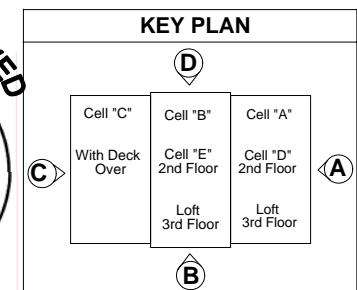
Cutaway of Cell B and C



DRAWING	
Manufacturing Cell B View 3D Assembly-Cell Plumbing installation	
MODEL(S): Hartford	
PAGE 106	



Cutaway of Cell B and C



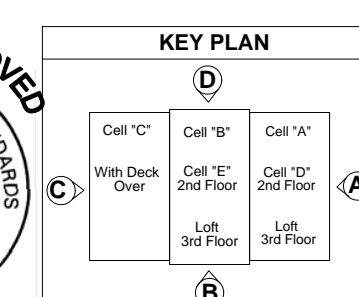
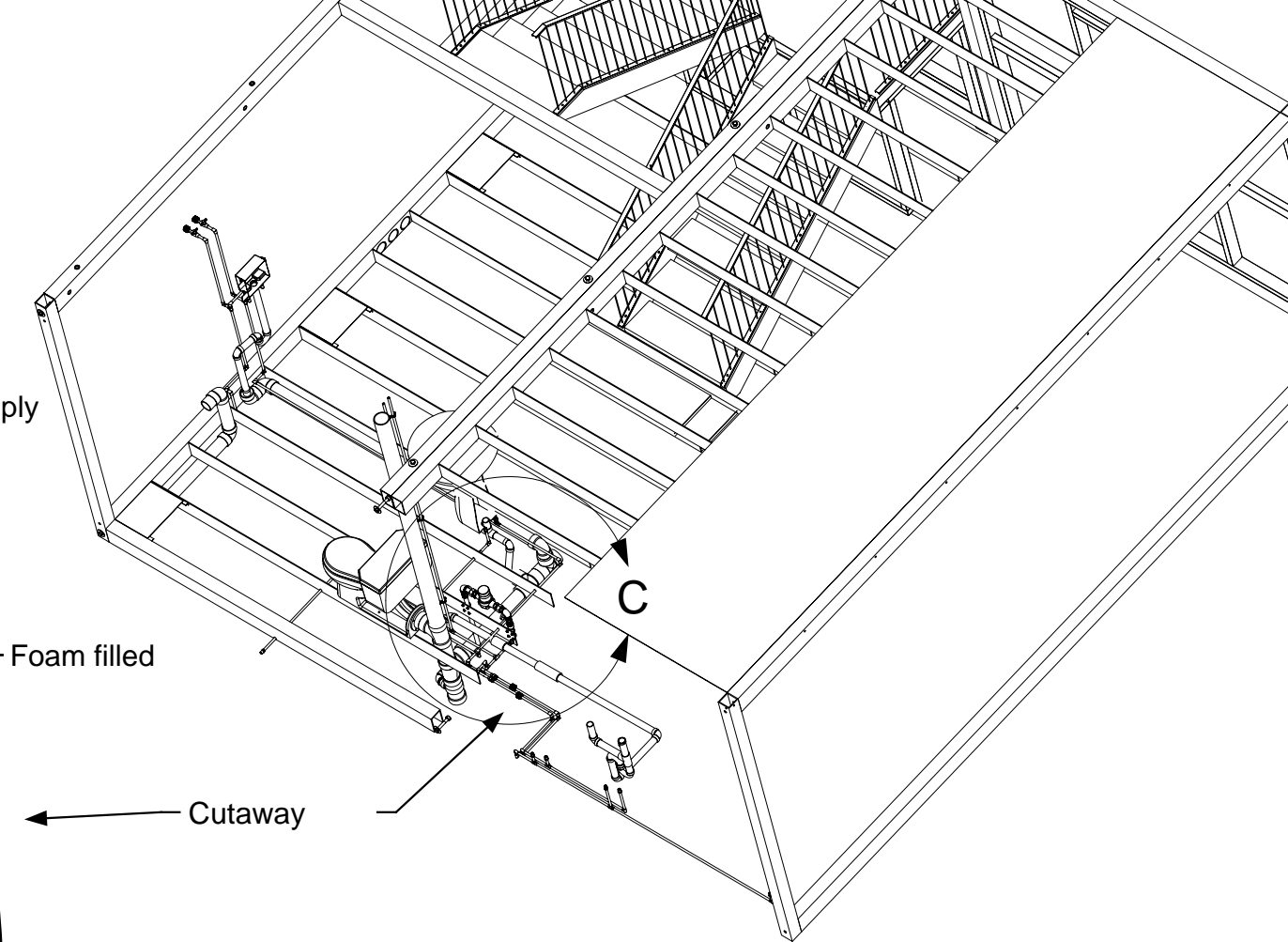
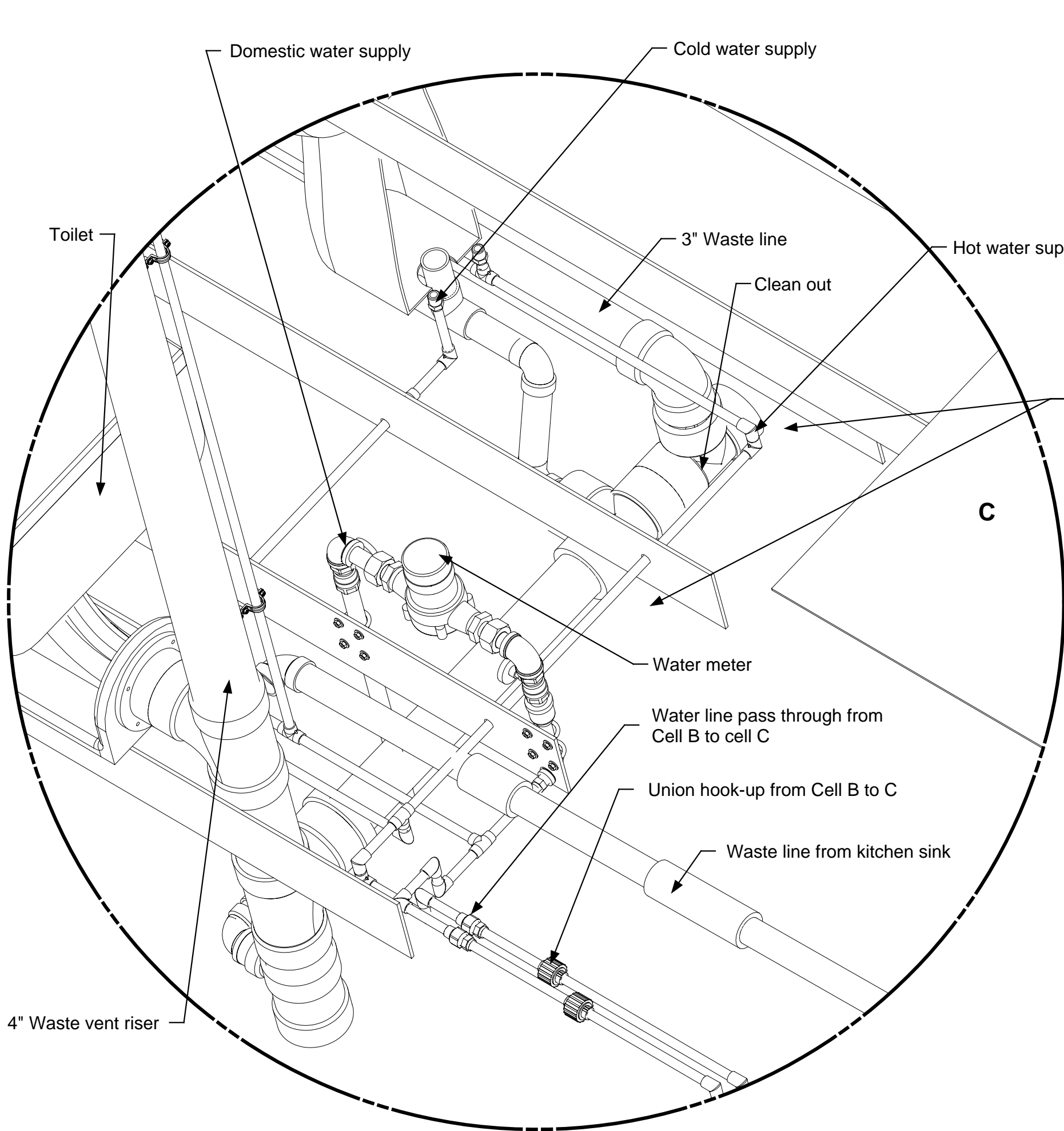
April 11, 2006
PDG Domus 060323-1

DRAWING

Manufacturing
Cell B
View 3D
Assembly-Cell
Plumbing
installation
Detail 1

MODEL(S): Hartford

PAGE 106A

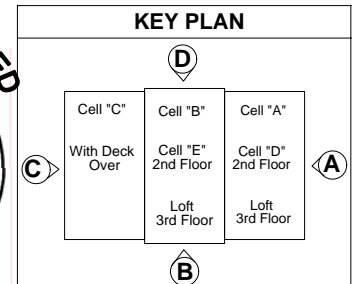
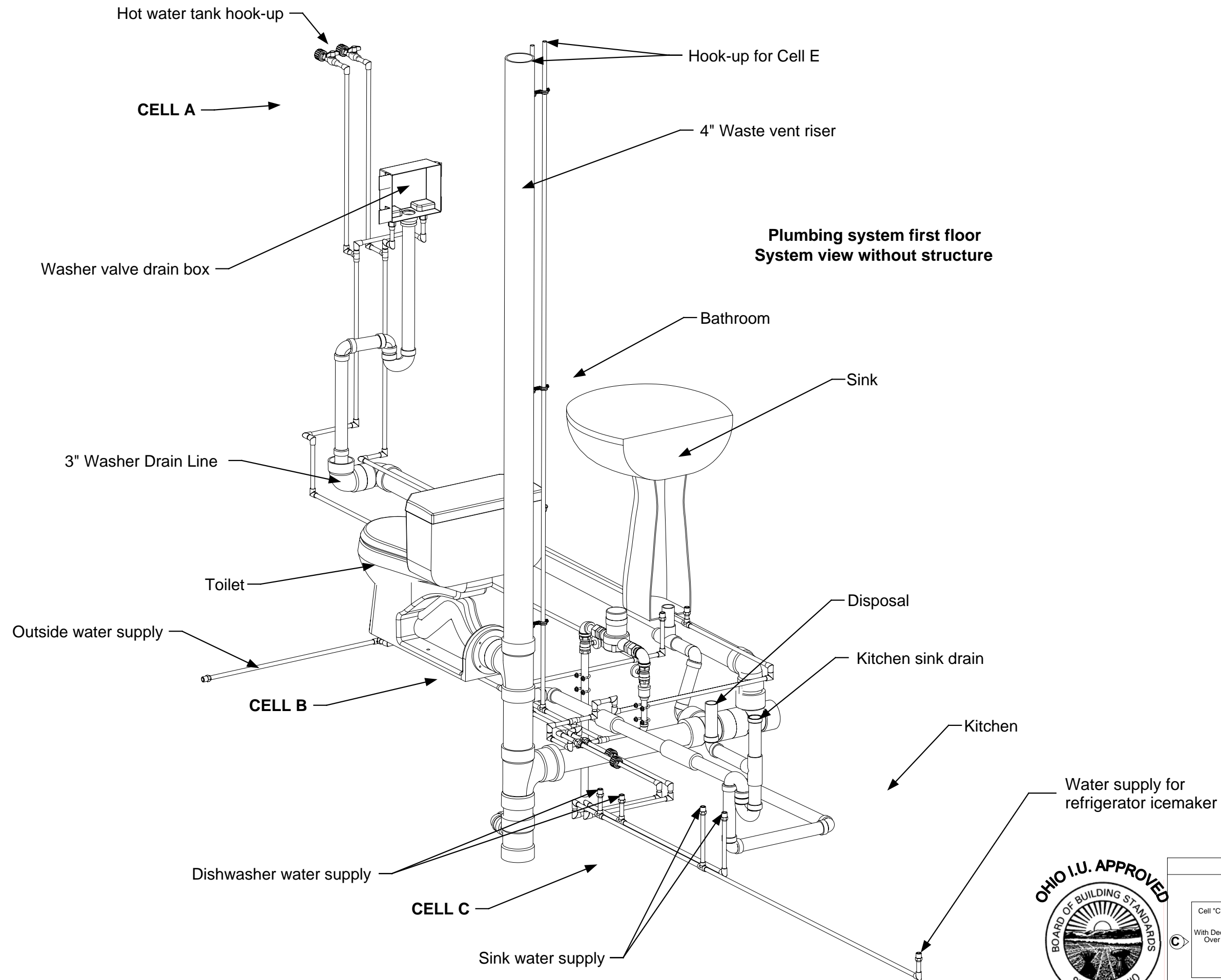


DRAWING

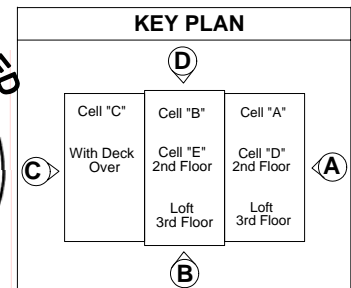
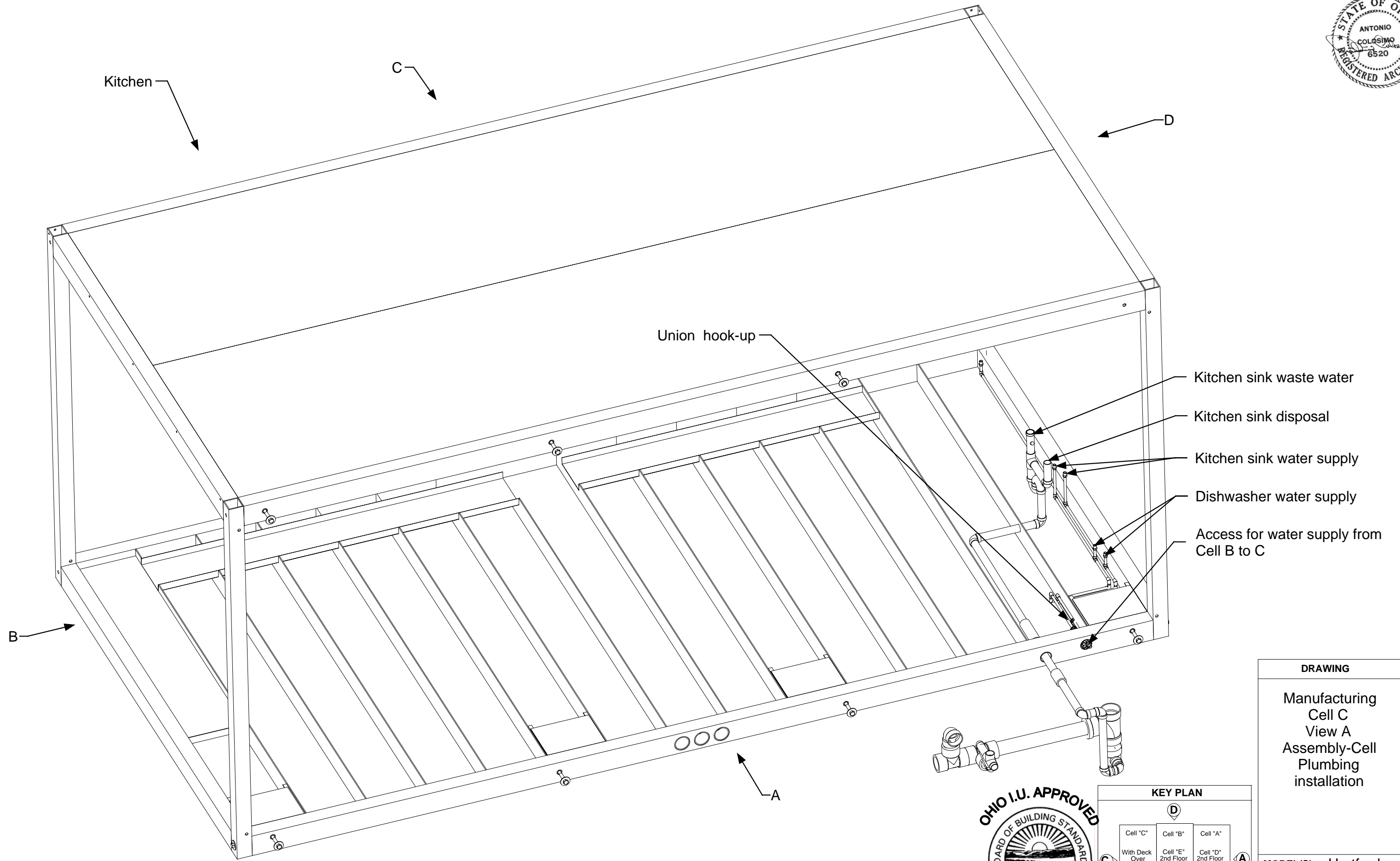
Manufacturing
Cell B
View 3D
Assembly-Cell
Plumbing
installation
Detail 2

MODEL(S): Hartford

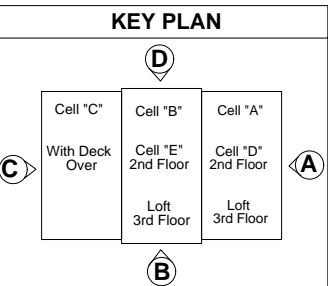
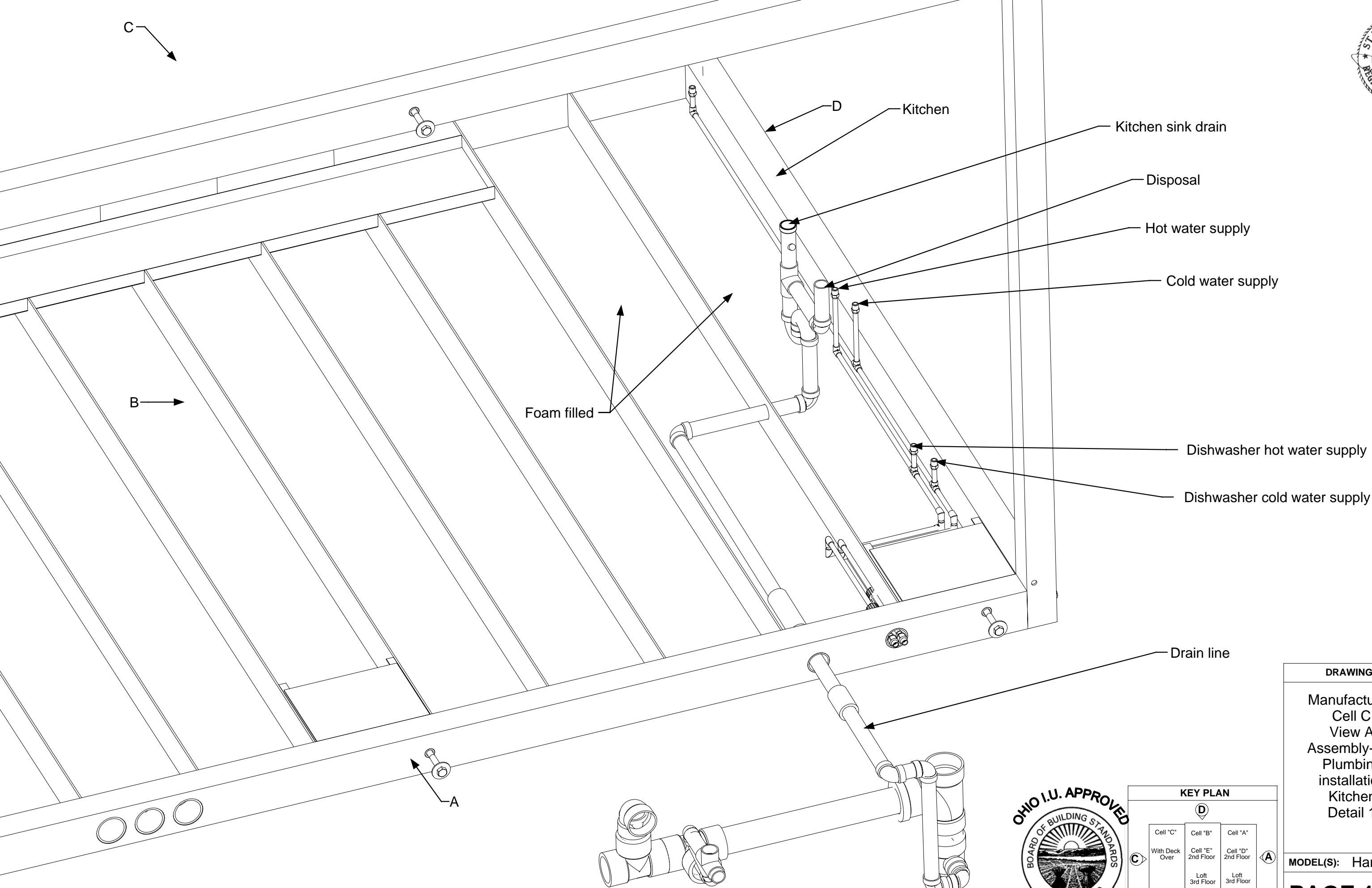
PAGE 106B



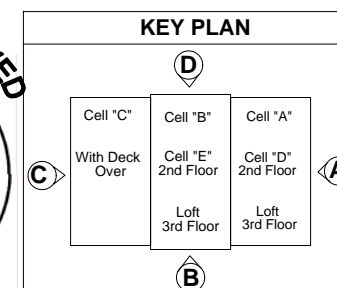
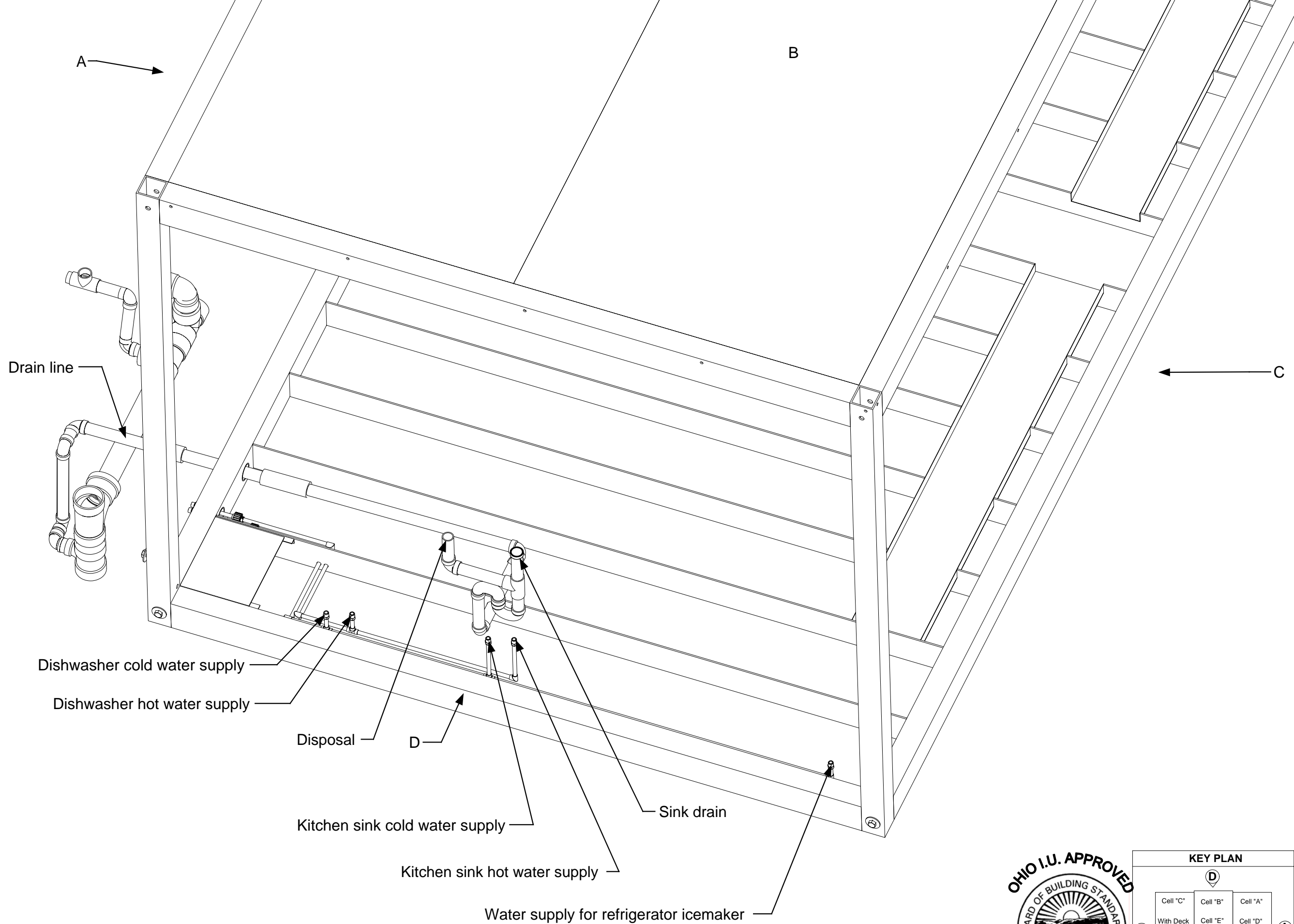
DRAWING
Manufacturing Cell A View 3D Assembly-Cell Plumbing installation Detail 3
MODEL(S): Hartford
PAGE 106C



DRAWING
Manufacturing Cell C View A Assembly-Cell Plumbing Installation
MODEL(S): Hartford
PAGE 107



DRAWING
Manufacturing Cell C View A Assembly-Cell Plumbing installation Kitchen Detail 1
MODEL(S): Hartford
PAGE 107A



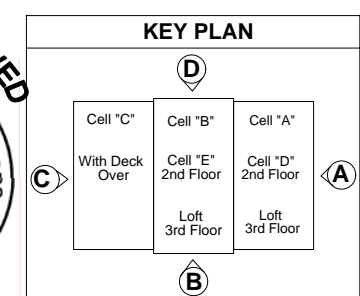
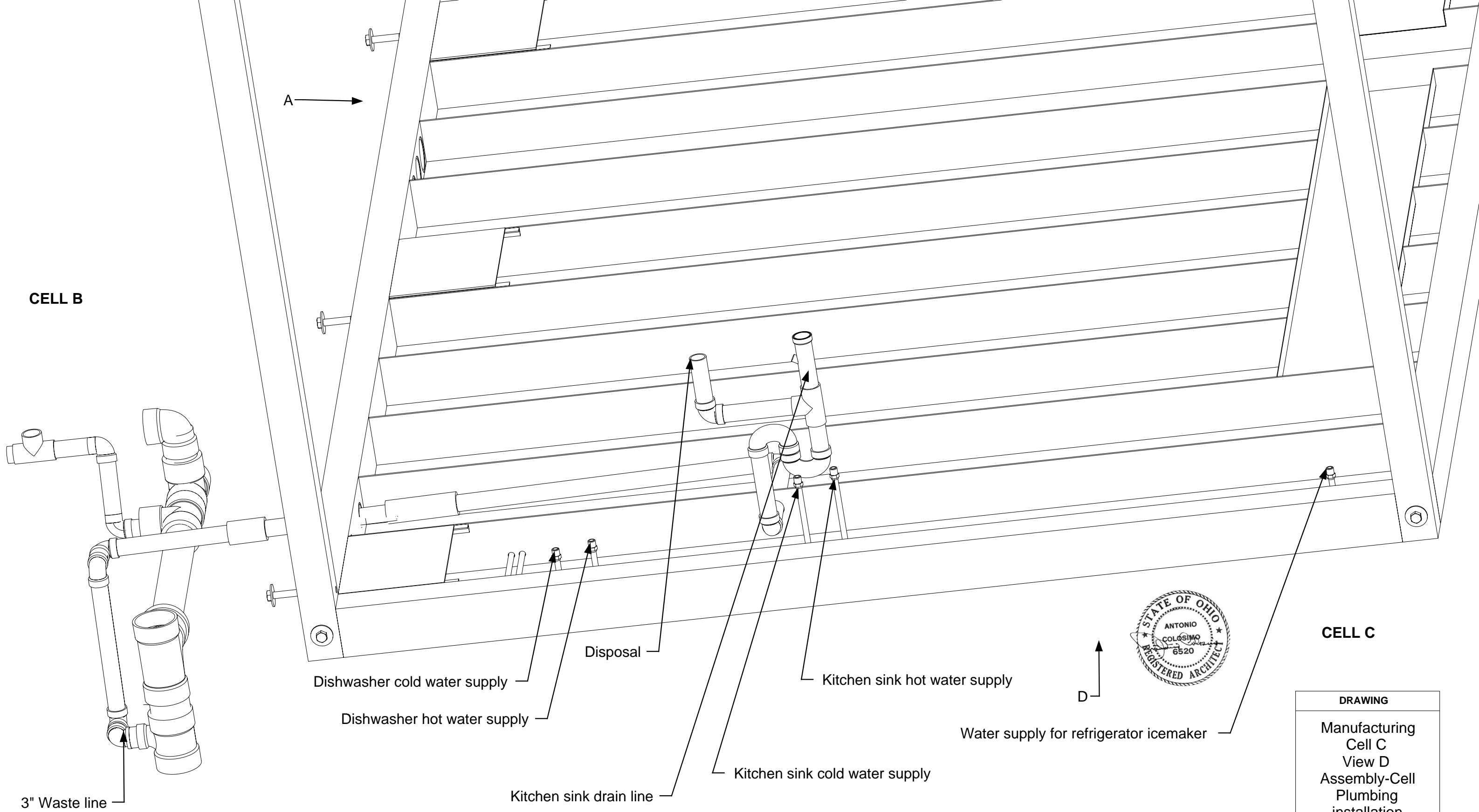
April 11, 2006
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DRAWING

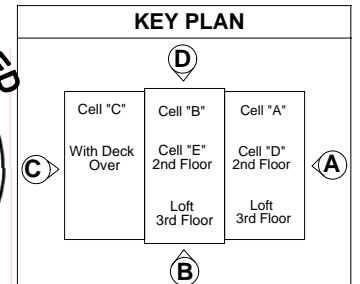
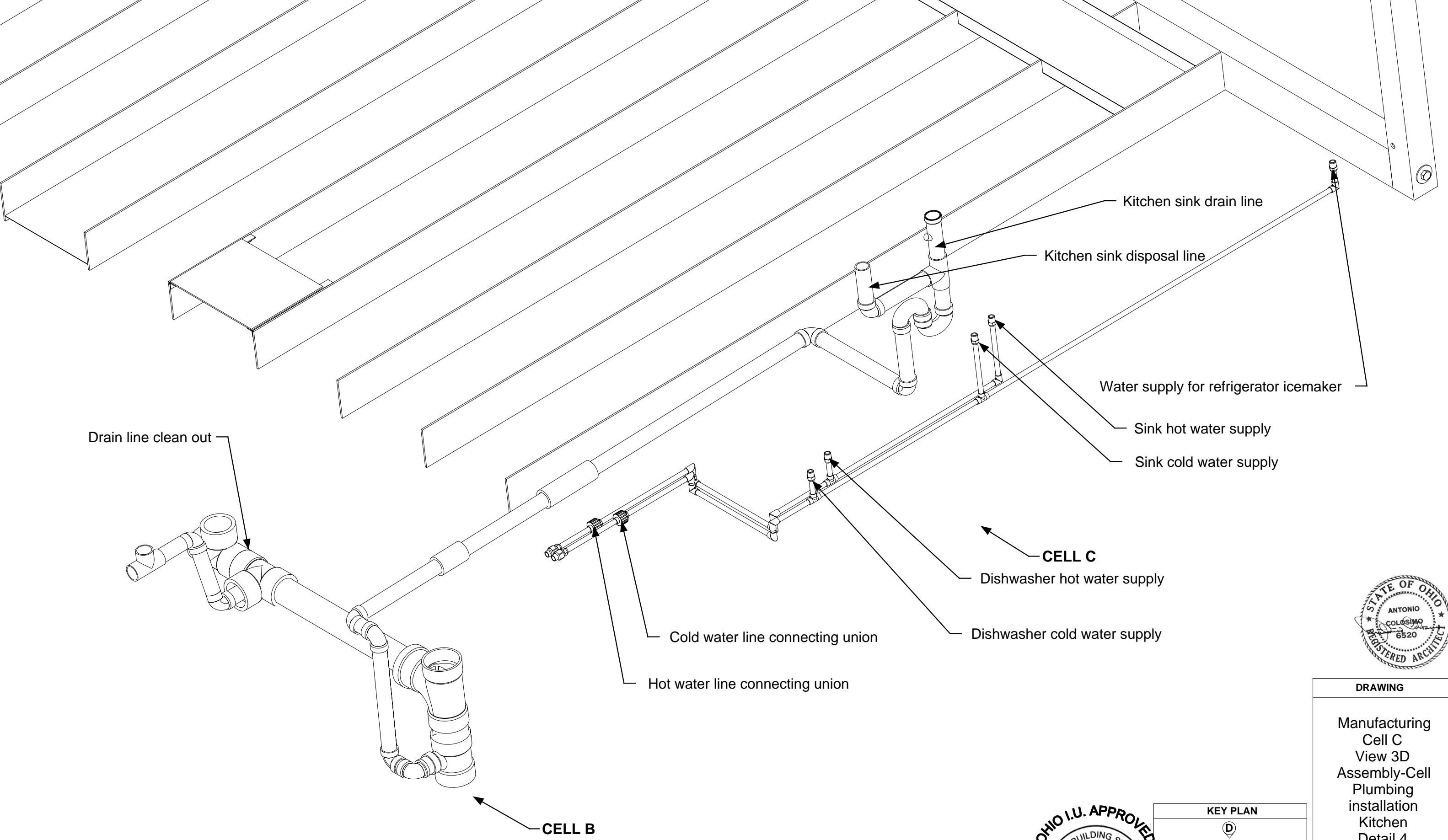
Manufacturing
Cell C
View D
Assembly-Cell
Plumbing
installation
Kitchen
Detail 2

MODEL(S): Hartford

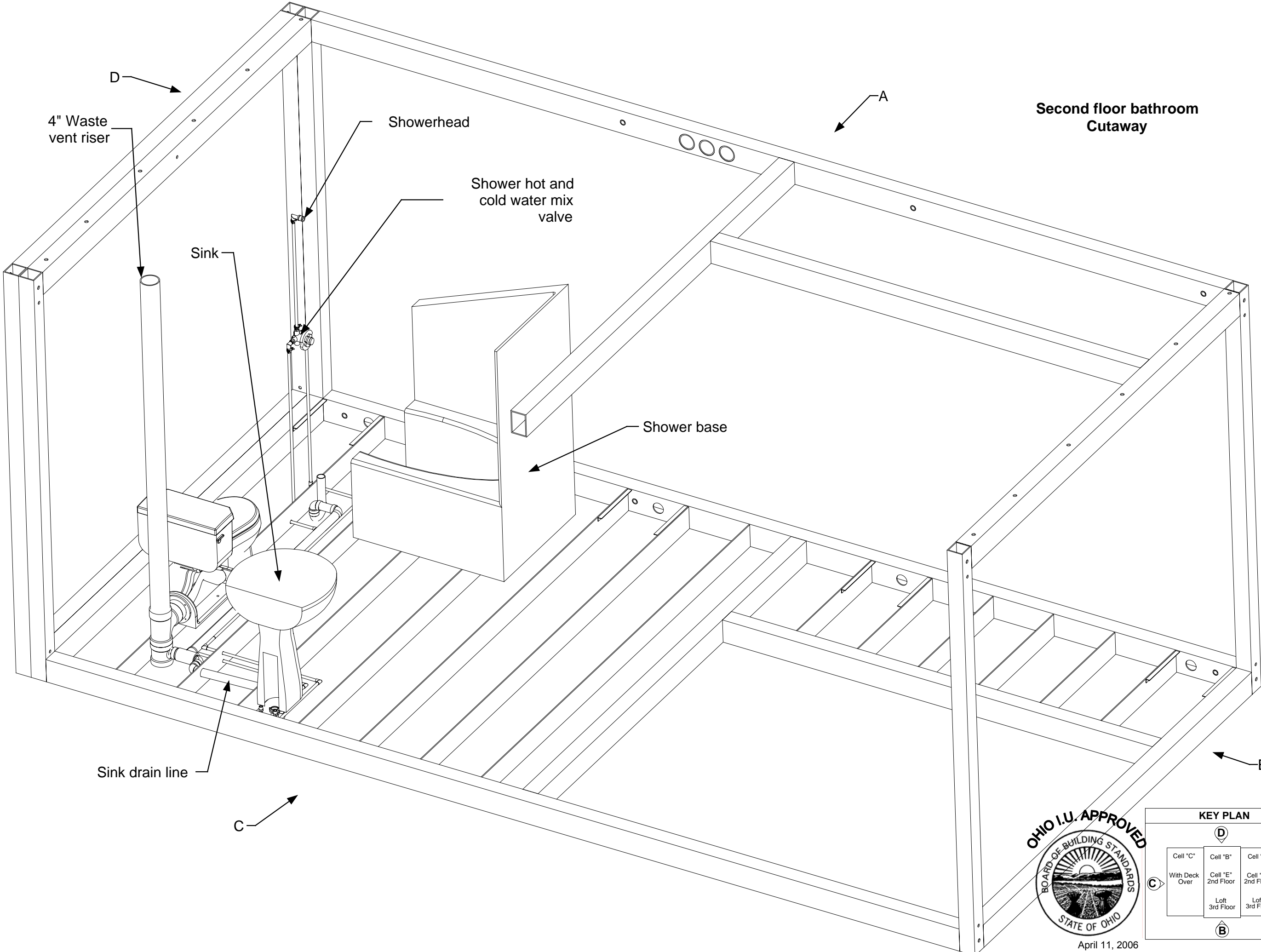
PAGE 107B



DRAWING
Manufacturing Cell C View D Assembly-Cell Plumbing installation Kitchen Detail 3
MODEL(S): Hartford
PAGE 107C



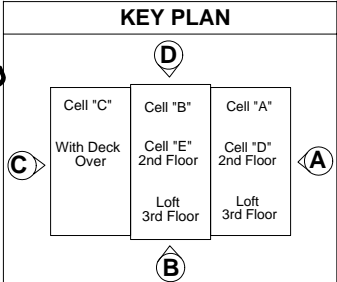
DRAWING	
Manufacturing Cell C View 3D Assembly-Cell Plumbing installation Kitchen Detail 4	
MODEL(S): Hartford	
PAGE 107D	

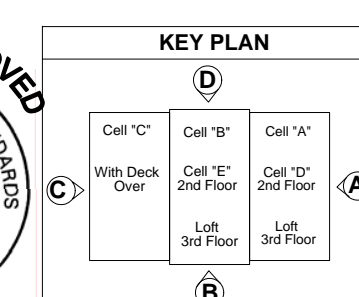
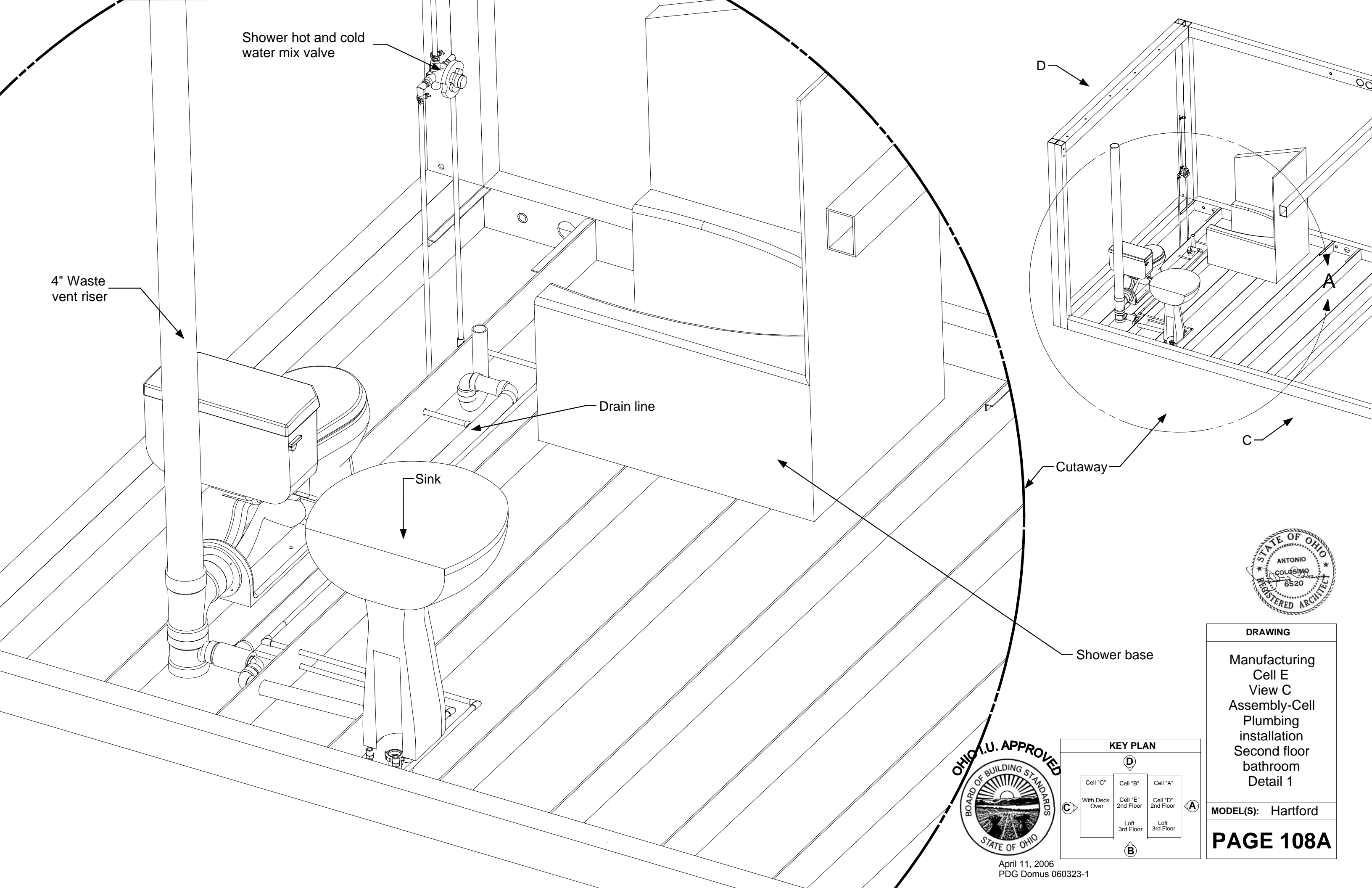


DRAWING

Manufacturing
Cell E
View B & C
Assembly-Cell
Plumbing
installation
Second floor
bathroom

MODEL(S): Hartford



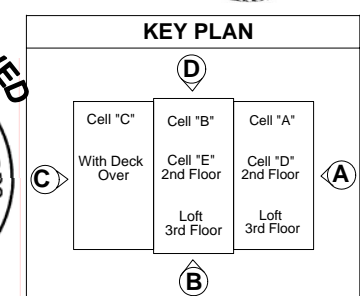
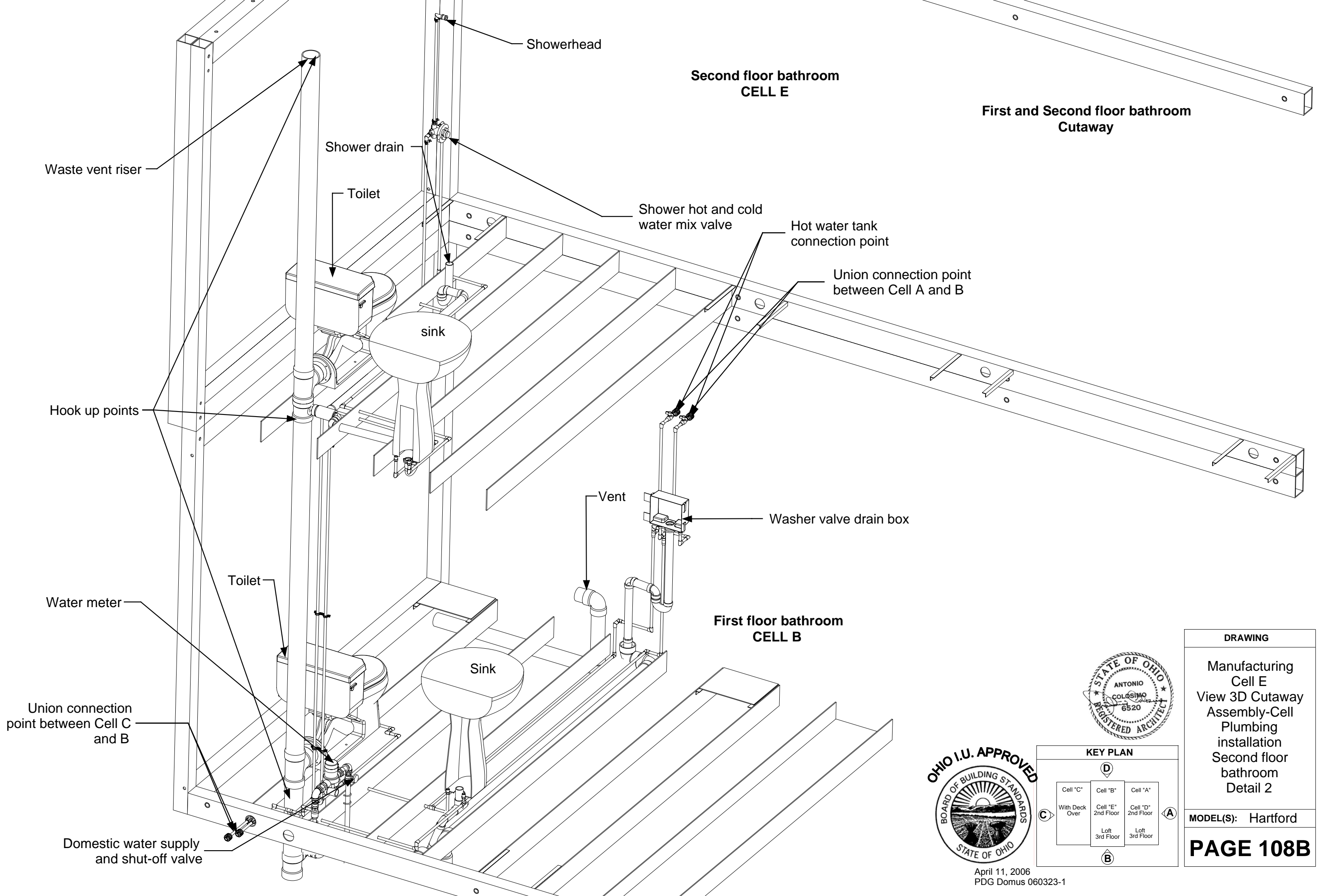


DRAWING

Manufacturing
Cell E
View C
Assembly-Cell
Plumbing
installation
Second floor
bathroom
Detail 1

MODEL(S): Hartford

PAGE 108A

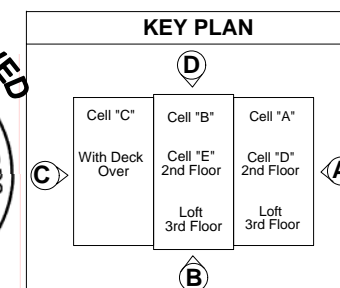
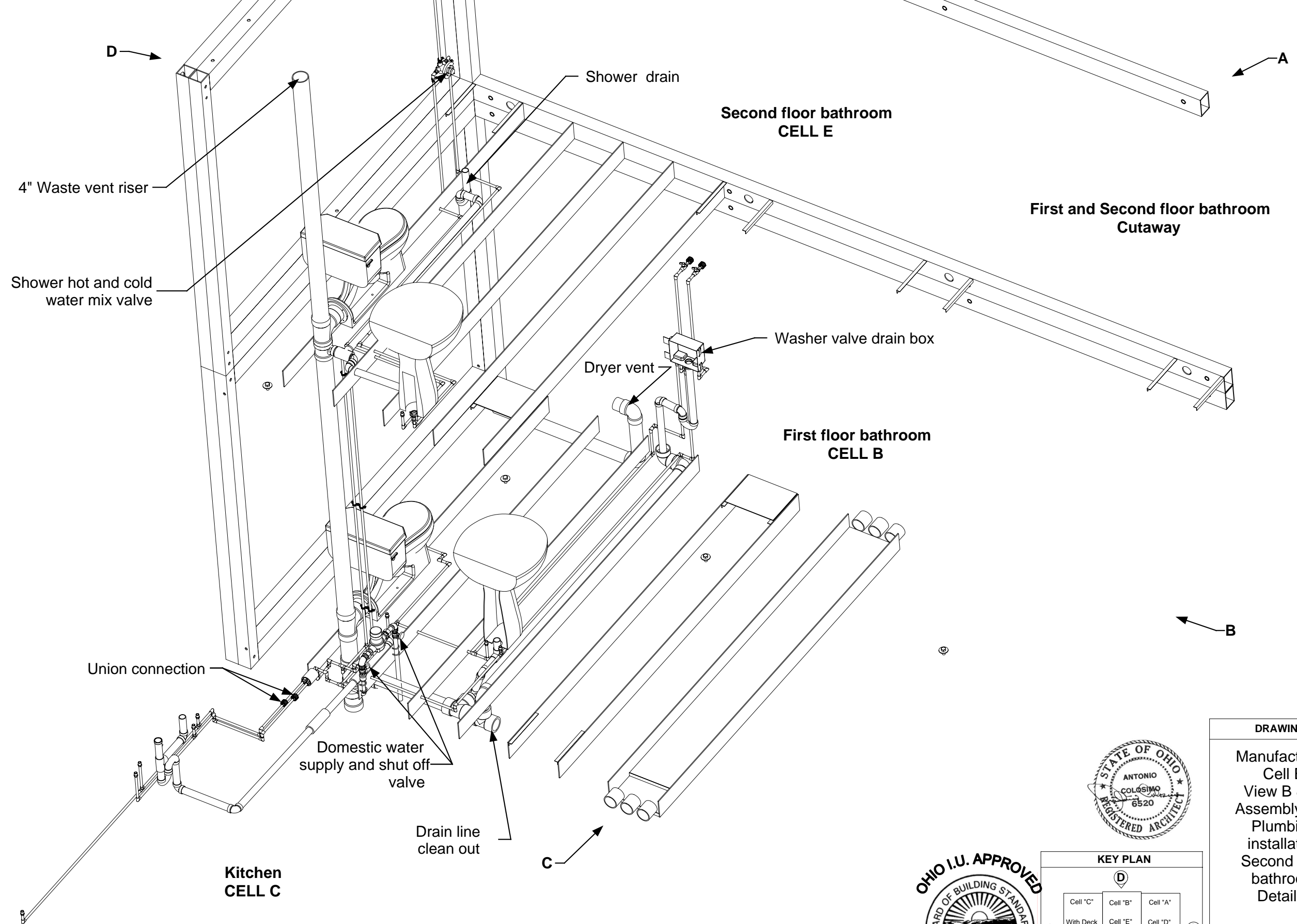


DRAWING

Manufacturing
Cell E
View 3D Cutaway
Assembly-Cell
Plumbing
installation
Second floor
bathroom
Detail 2

MODEL(S): Hartford

PAGE 108B

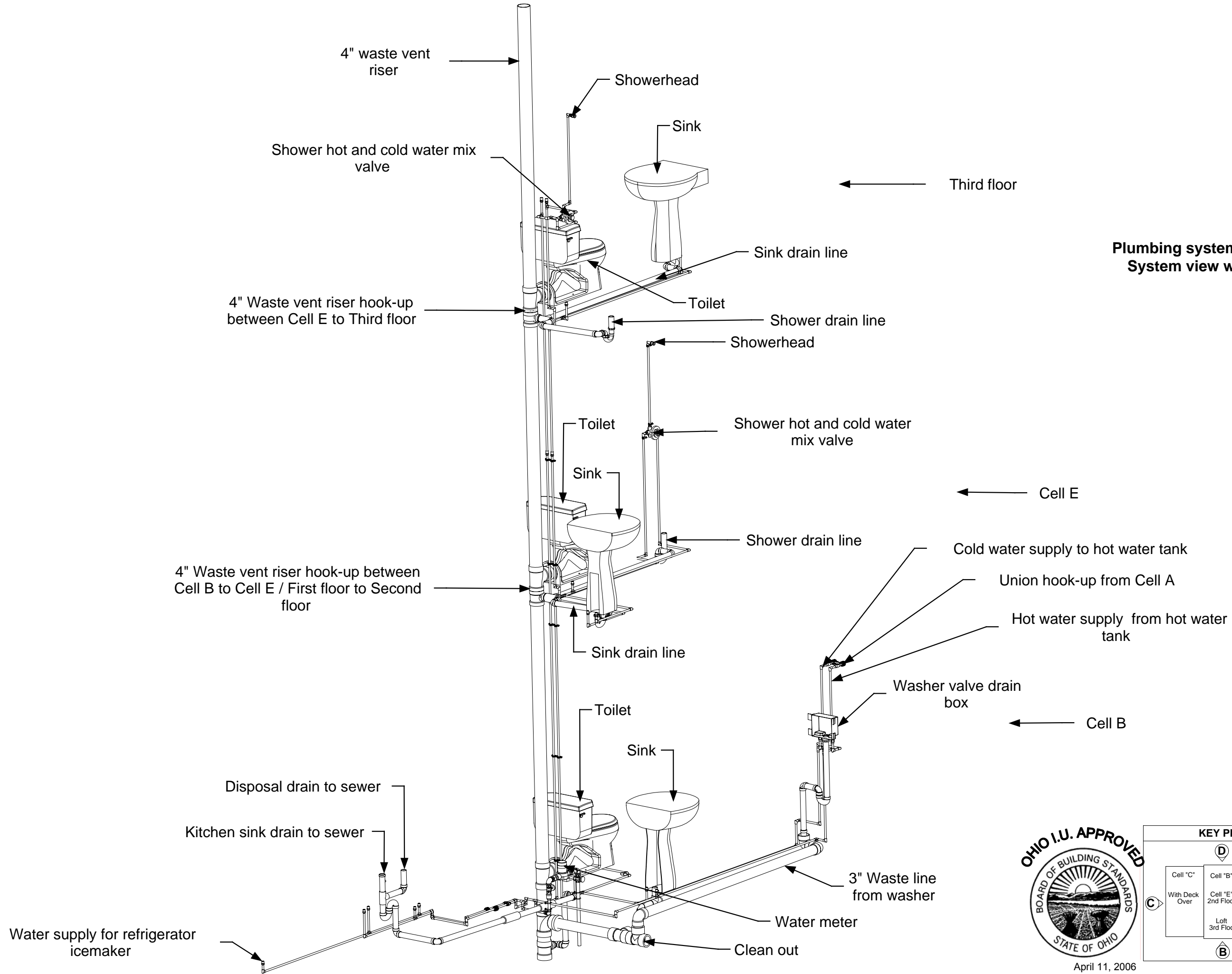


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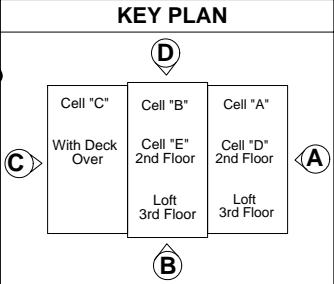
Manufacturing
Cell E
View B & C
Assembly-Cell
Plumbing
installation
Second floor
bathroom
Detail 3

MODEL(S): Hartford

PAGE 108C



Plumbing system first to third floor
System view without structure

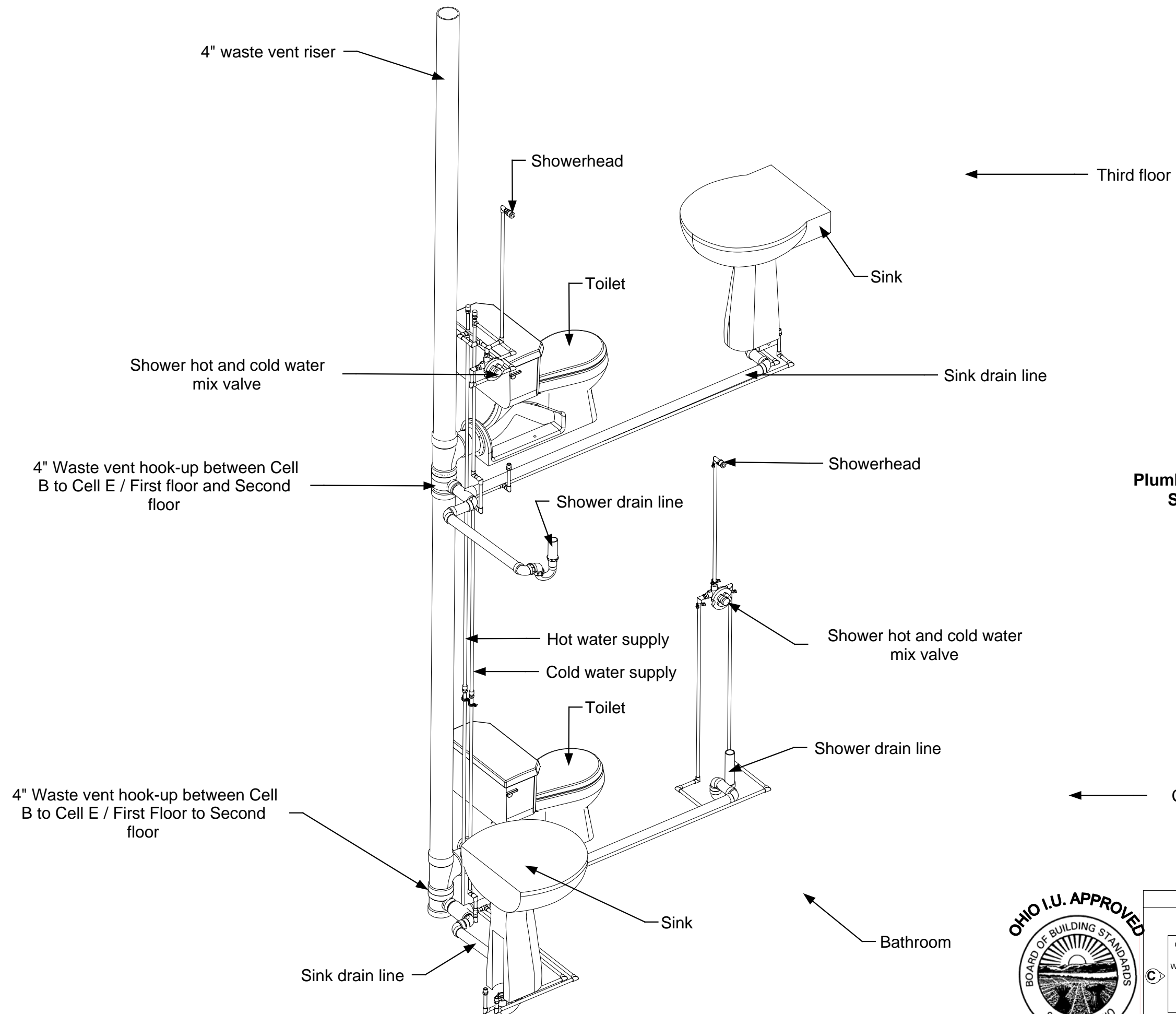


DRAWING

Manufacturing
Third floor
View 3D
Assembly-Cell
Plumbing
installation
Detail 1

MODEL(S): Hartford

PAGE 108D



**Plumbing system Cell E and Third floor
System view without structure**

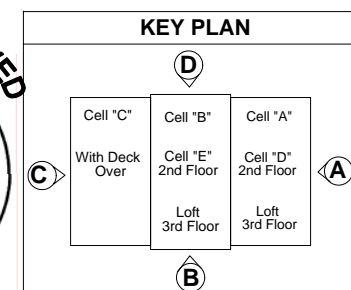


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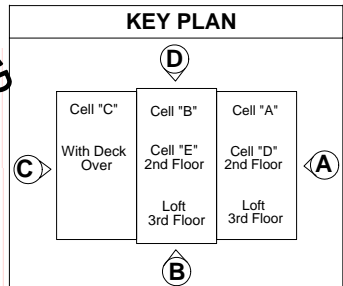
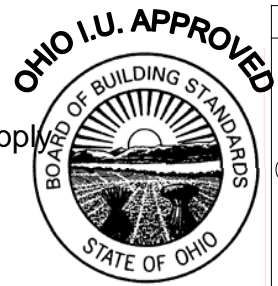
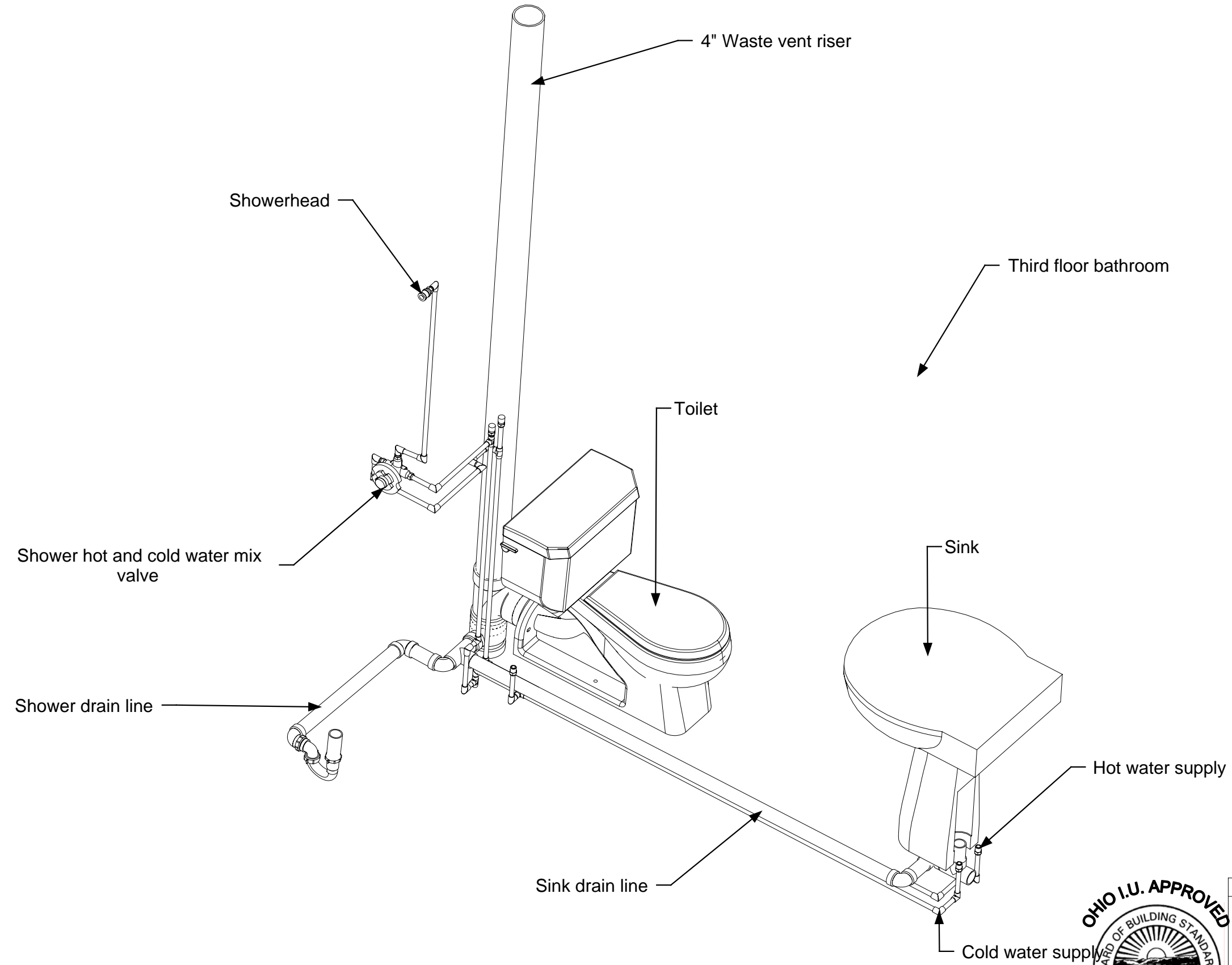
Manufacturing
Third floor
View 3D
Assembly-Cell
Plumbing
installation
Detail 2

MODEL(S): Hartford

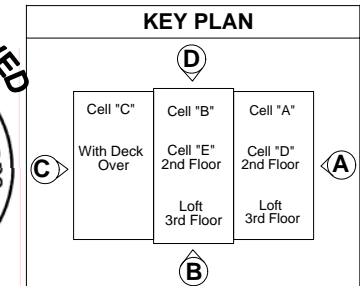
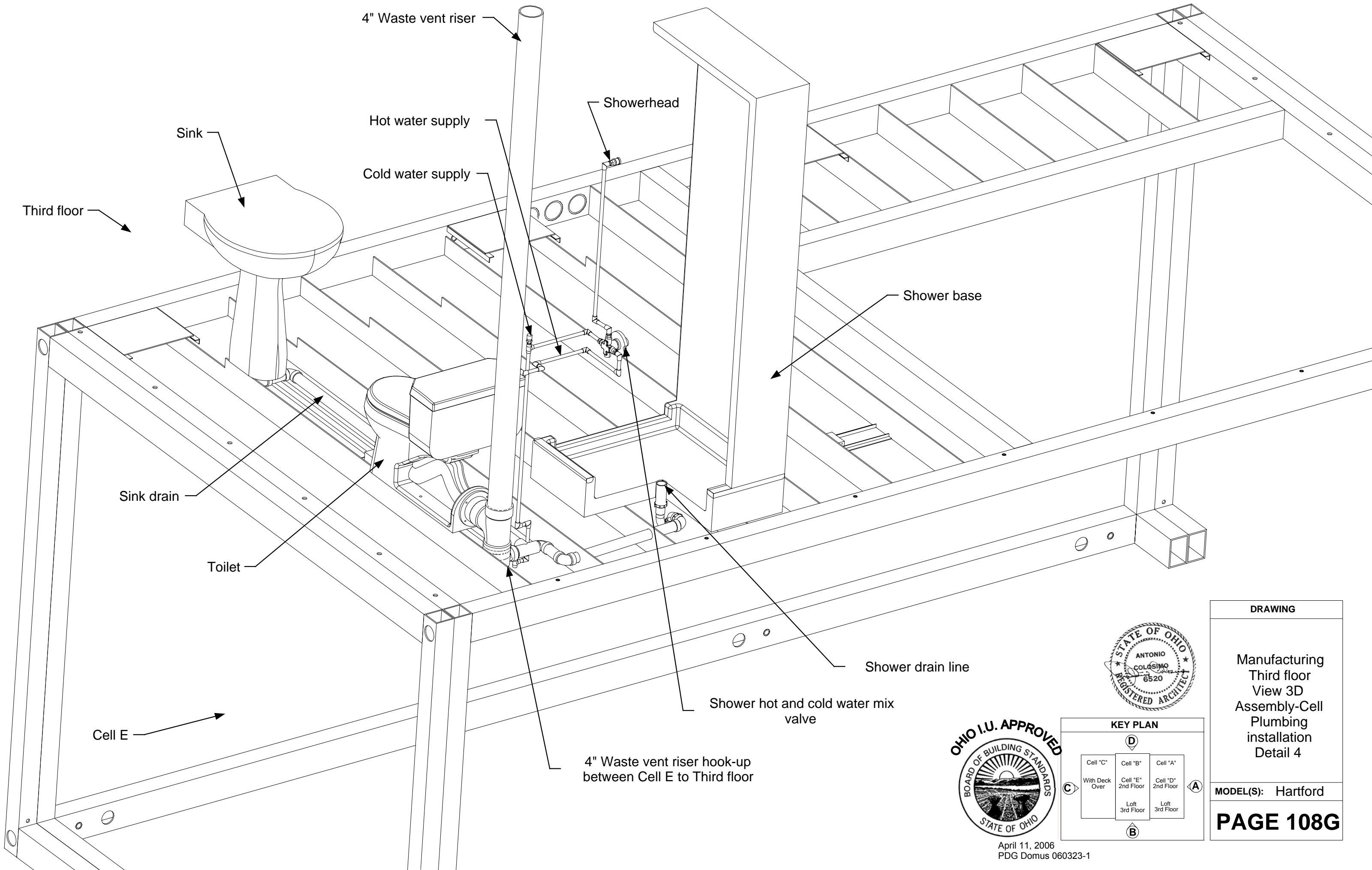
PAGE 108E



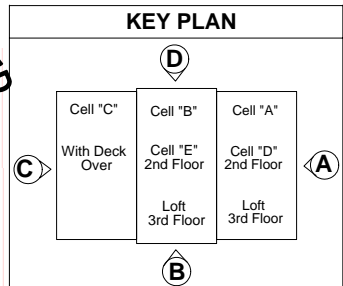
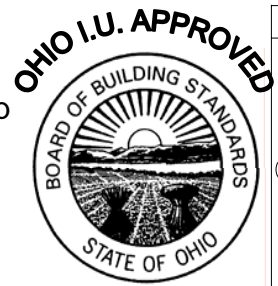
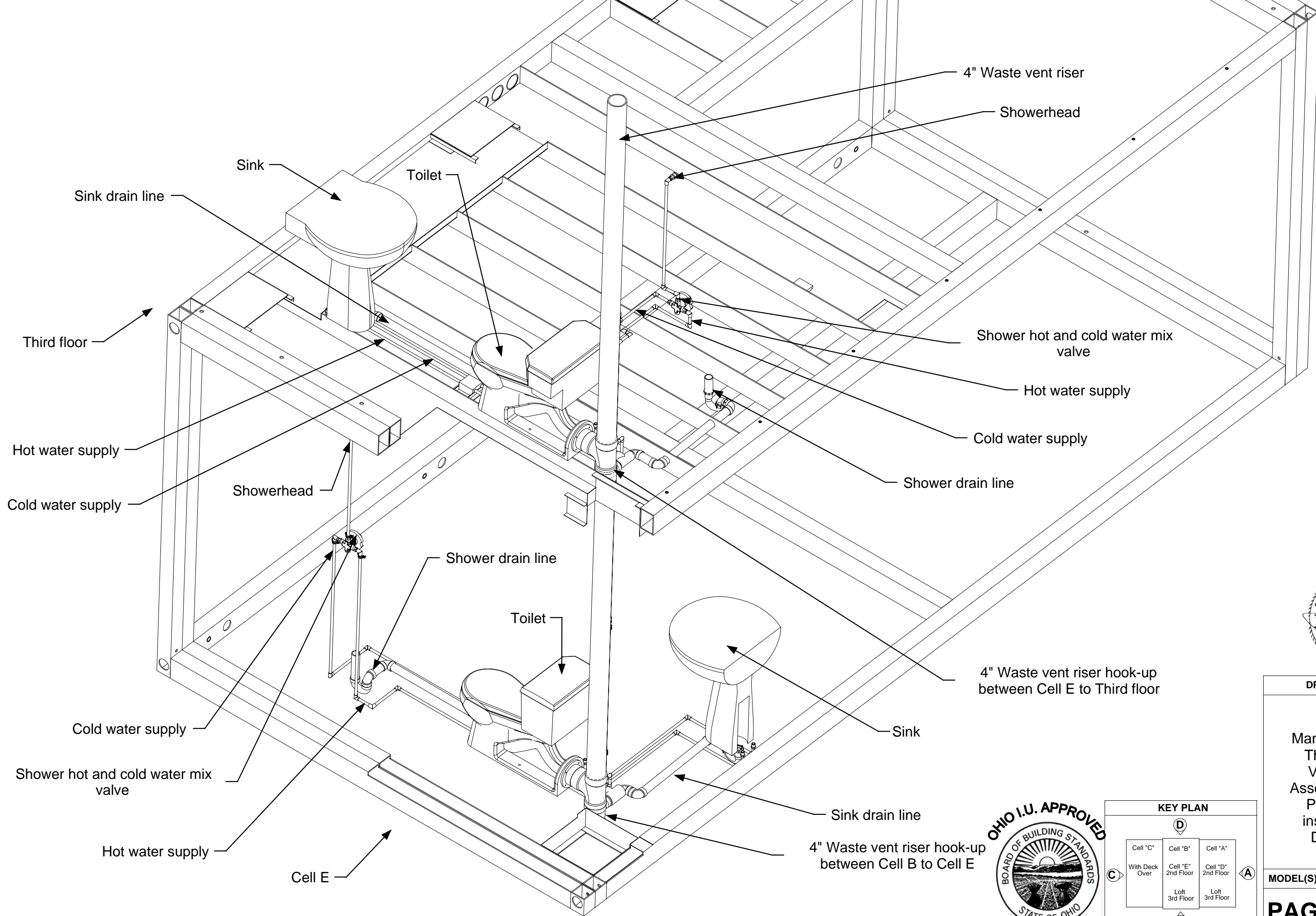
April 11, 2006
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DRAWING
Manufacturing Third floor View 3D Assembly-Cell Plumbing installation Detail 3
MODEL(S): Hartford
PAGE 108F



DRAWING	
Manufacturing Third floor View 3D Assembly-Cell Plumbing installation Detail 4	
MODEL(S): Hartford	
PAGE 108G	

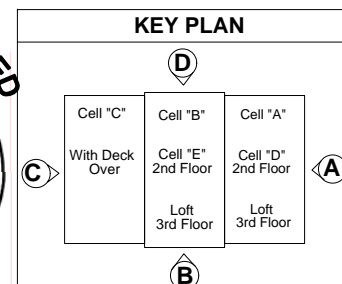
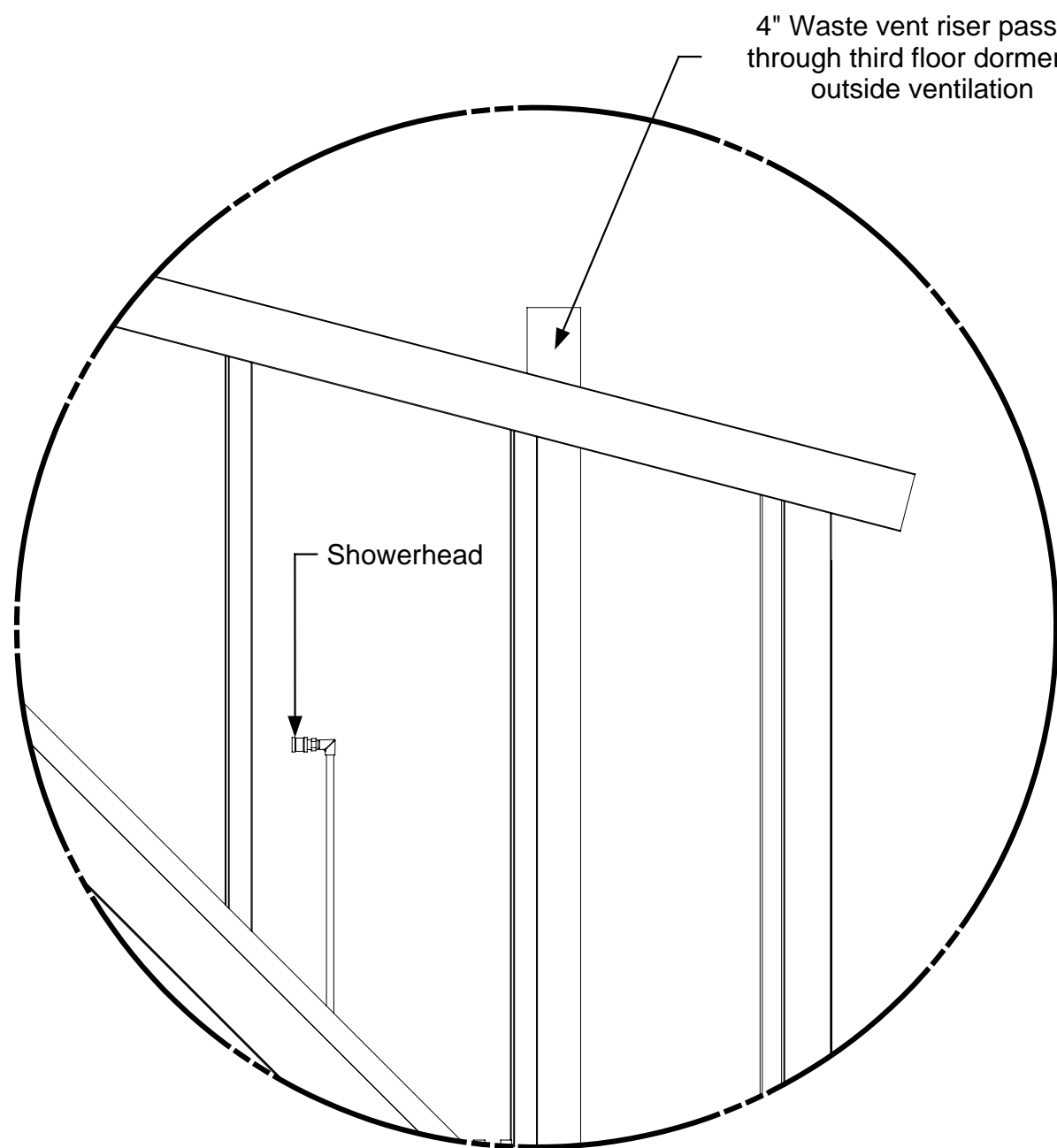
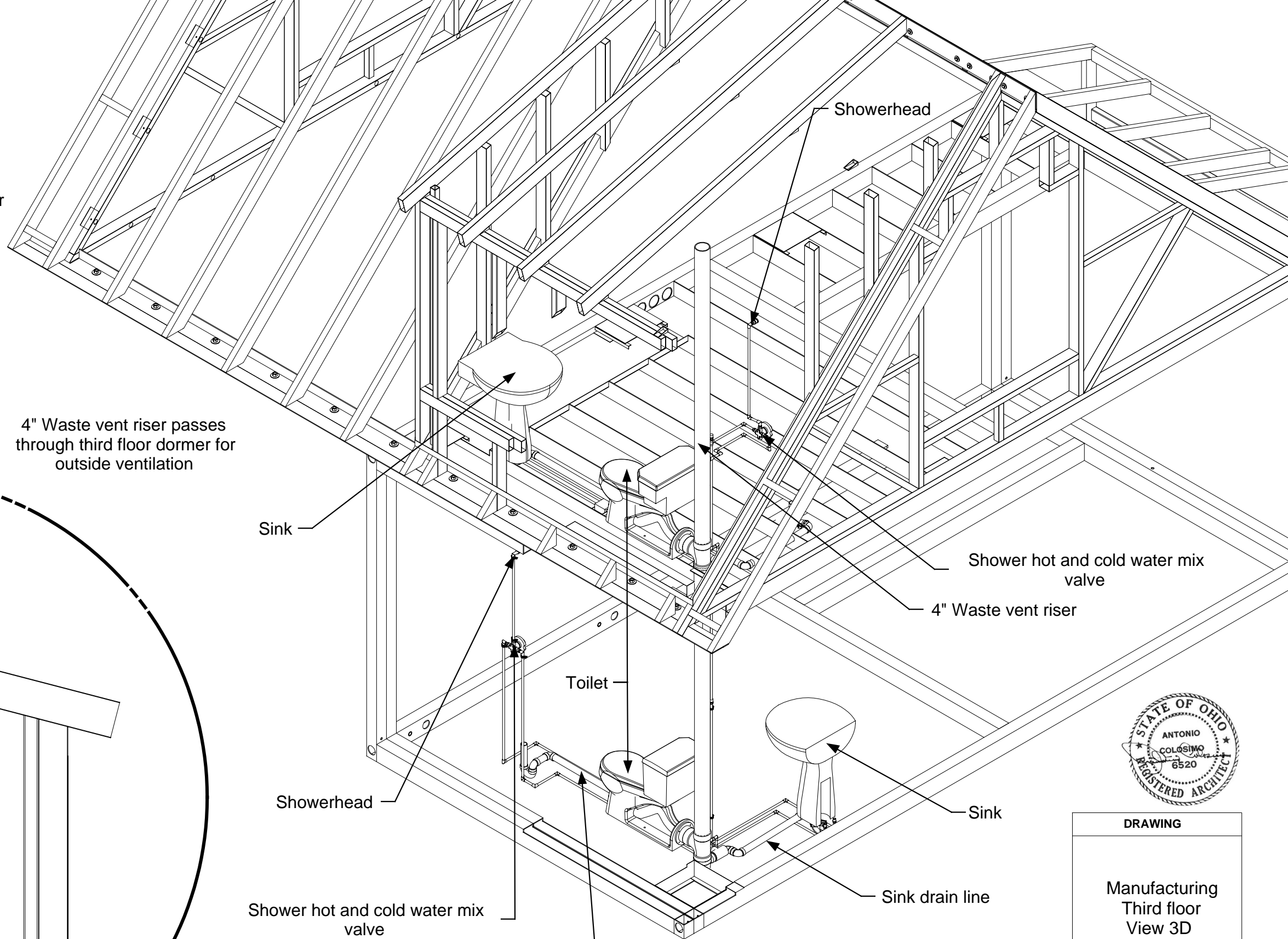
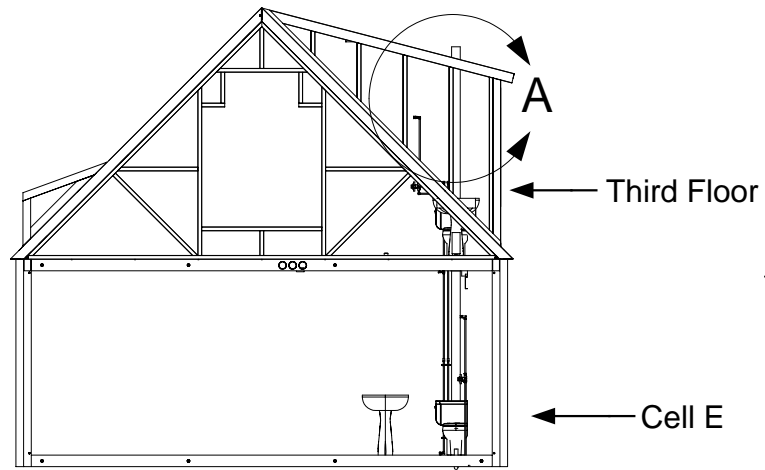


DRAWING

Manufacturing
 Third floor
 View 3D
 Assembly-Cell
 Plumbing
 installation
 Detail 5

MODEL(S): Hartford

PAGE 108H

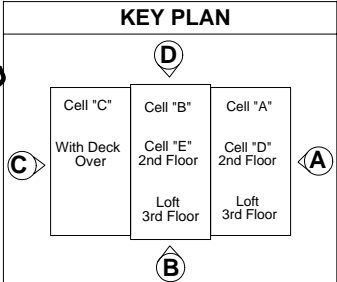
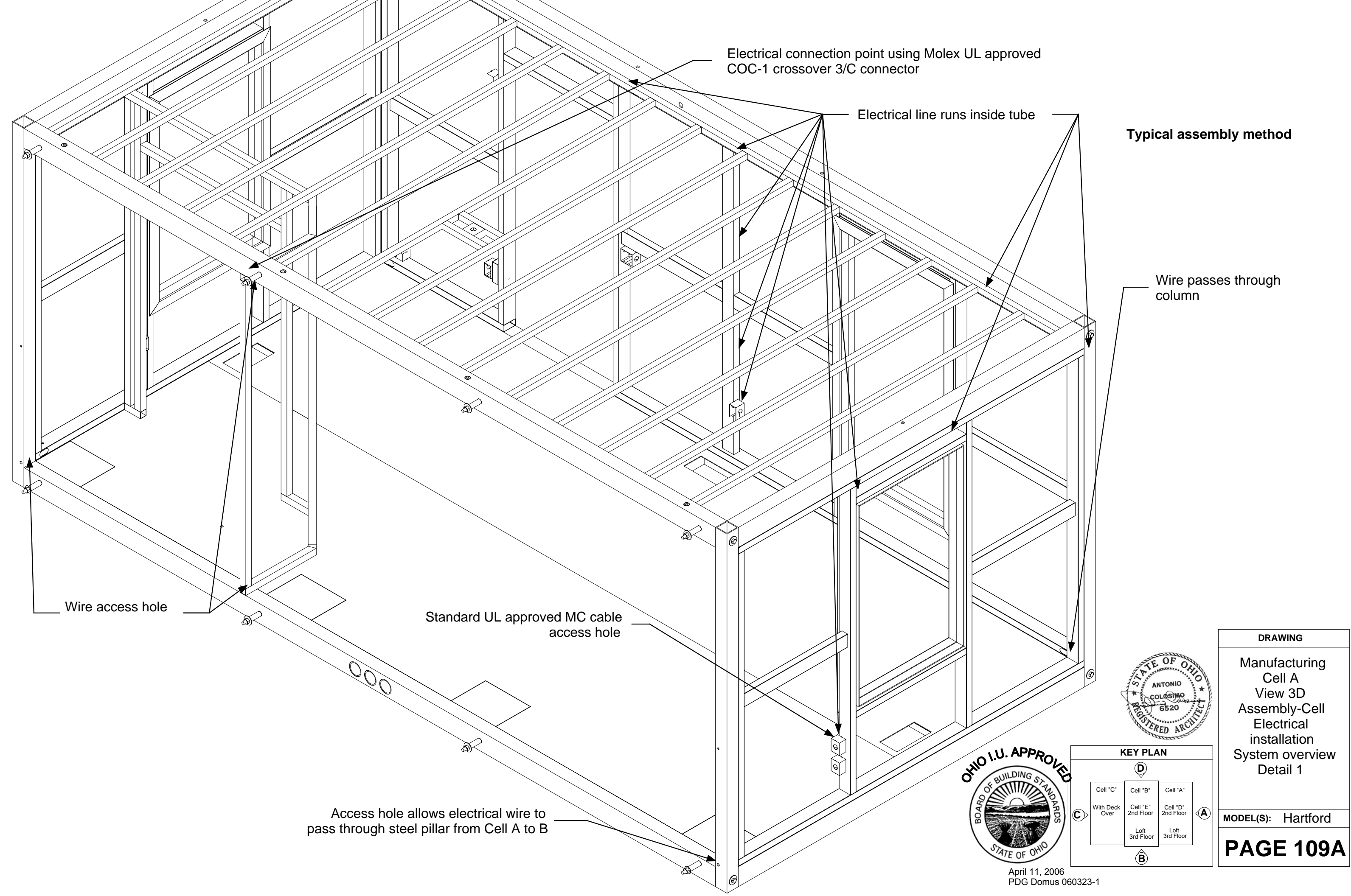


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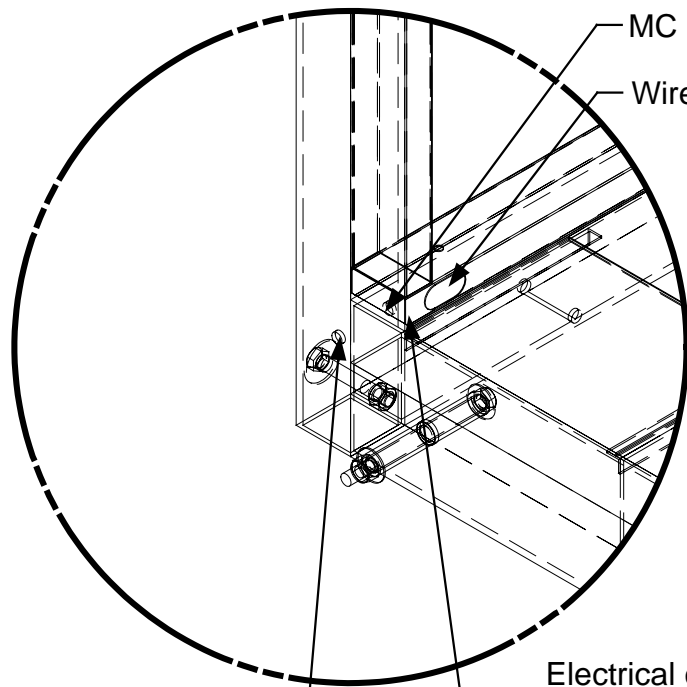
Manufacturing
Third floor
View 3D
Assembly-Cell
Plumbing
installation
Detail 6

MODEL(S): Hartford

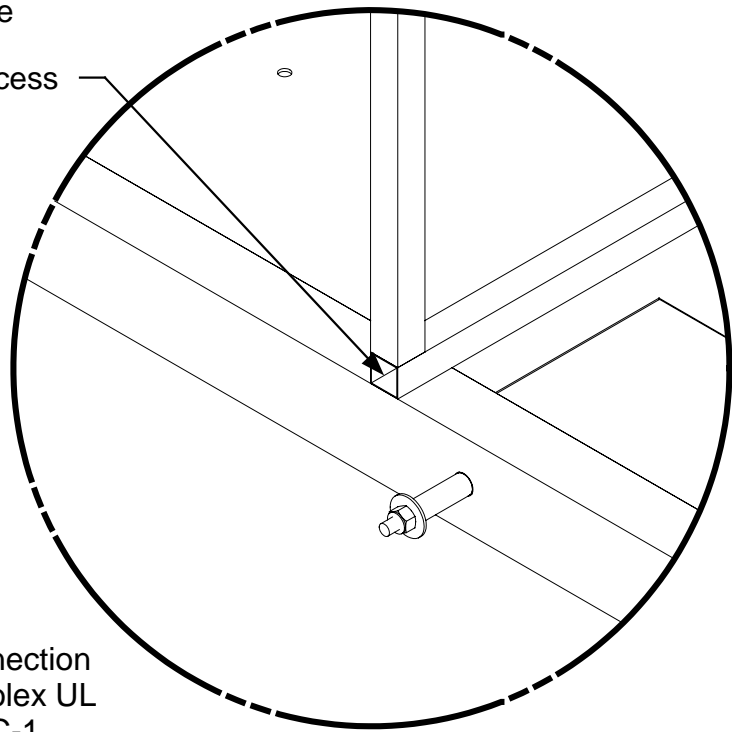
PAGE 108I



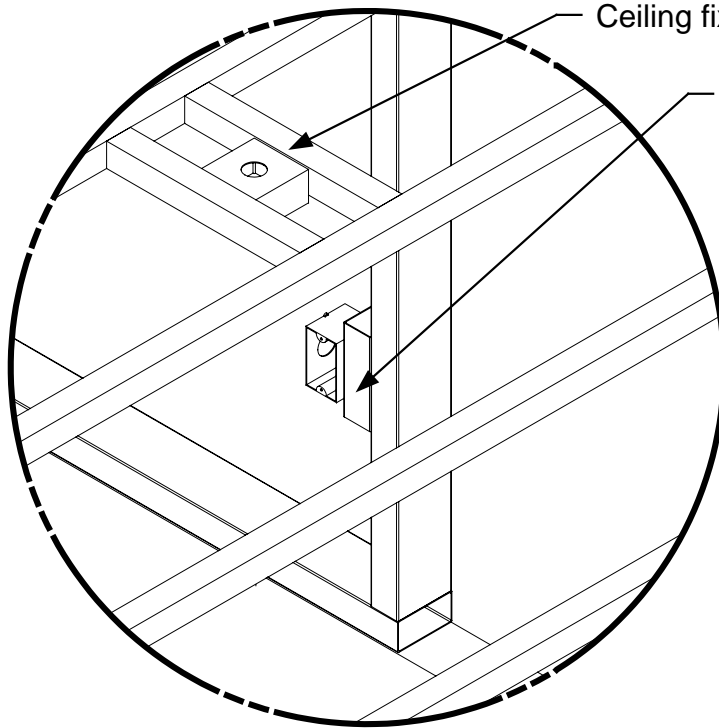
DRAWING
Manufacturing Cell A View 3D Assembly-Cell Electrical installation System overview Detail 1
MODEL(S): Hartford
PAGE 109A



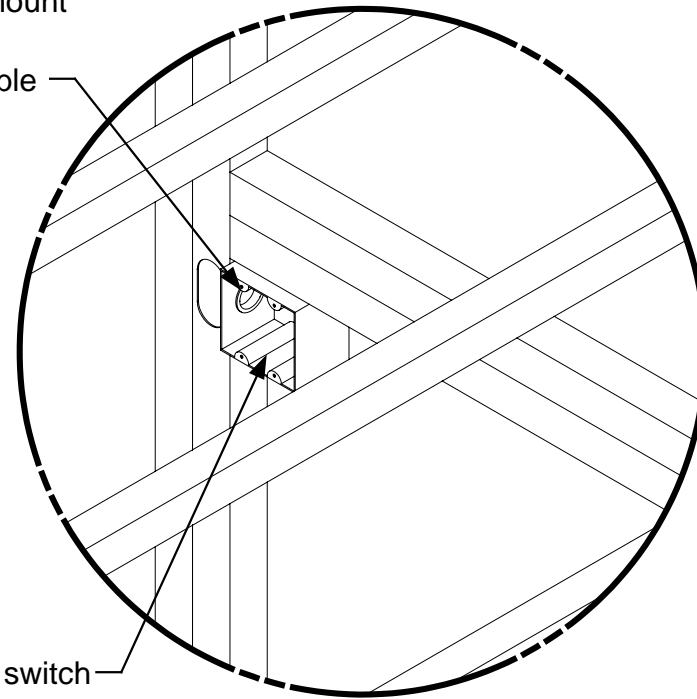
Detail A



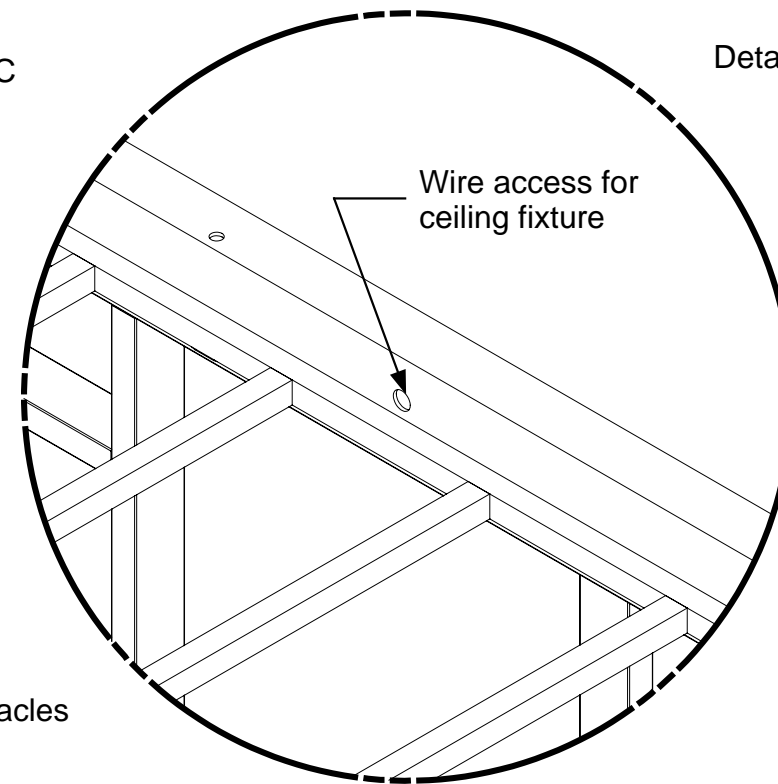
Detail B



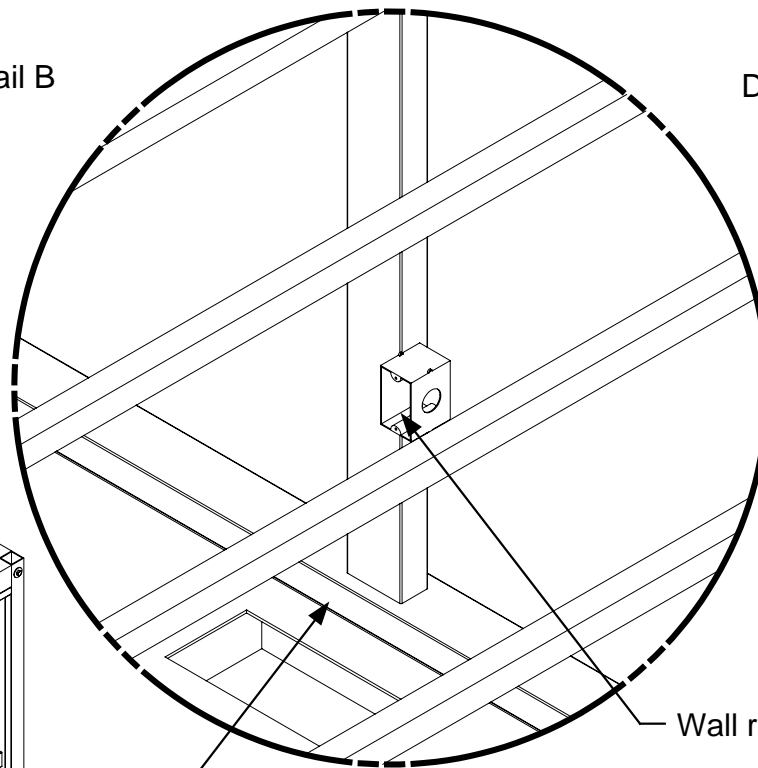
Detail C



Detail D

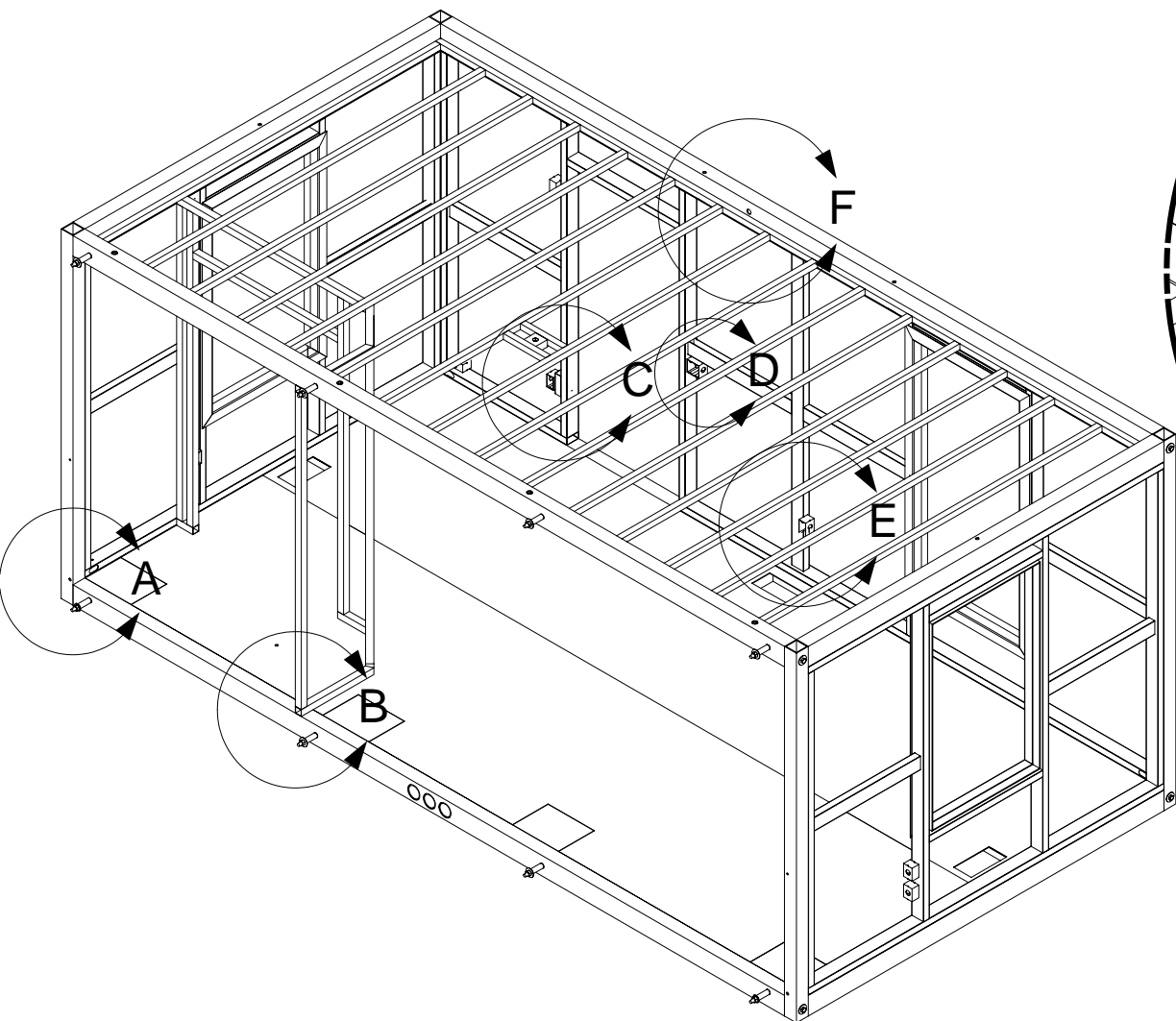


Wall receptacles

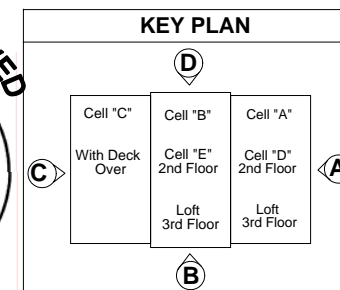


Detail E

Communications/data line-phone line-low voltage application (security)-TV cable



Typical assembly method



DRAWING

Manufacturing
Cell A
View 3D
Assembly-Cell
Electrical
installation
System overview
Detail 2

MODEL(S): Hartford

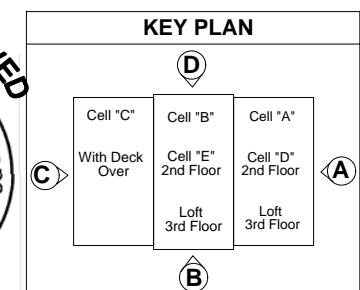
PAGE 109B

Typical assembly method

MC cable passage

Cutaway

Access hole for wiring pass through
Holes are machined smooth

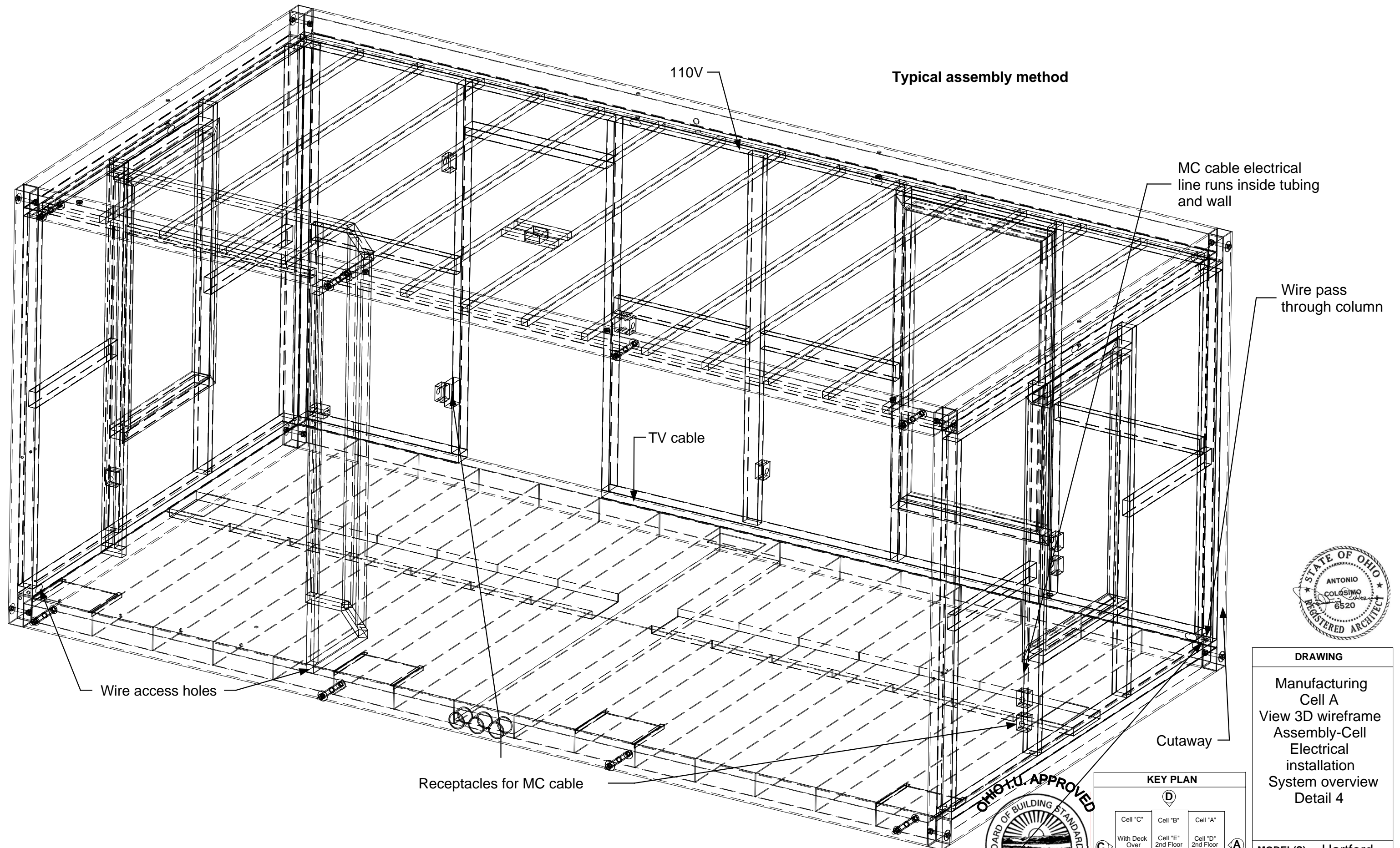


DRAWING

Manufacturing
Cell A
View 3D
Assembly-Cell
Electrical
installation
System overview
Detail 3

MODEL(S): Hartford

PAGE109C



DRAWING

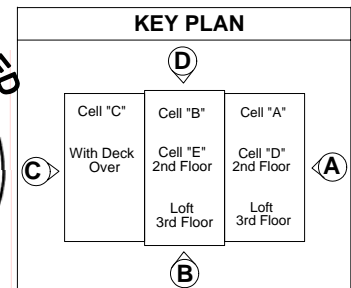
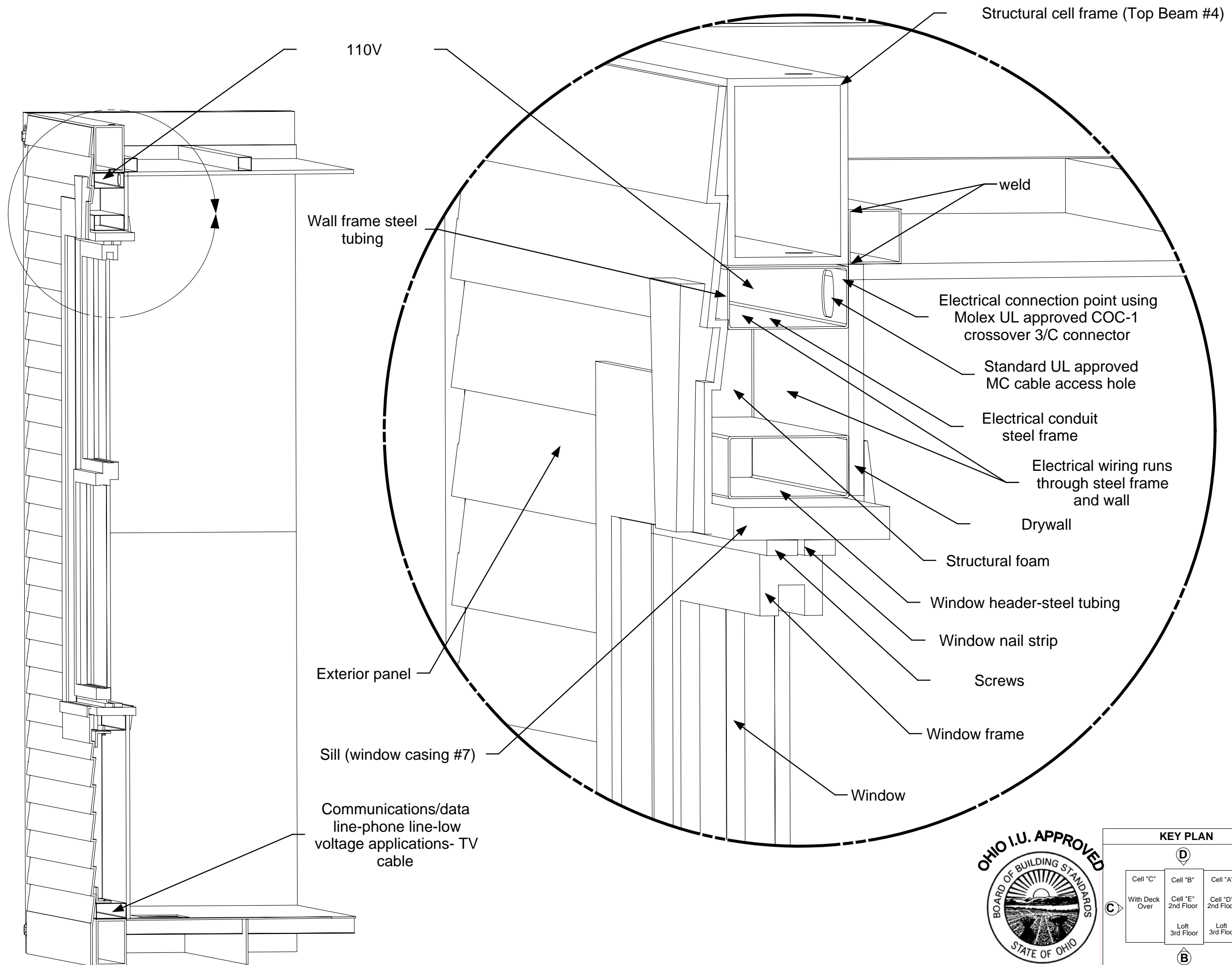
Manufacturing
Cell A
View 3D wireframe
Assembly-Cell
Electrical
installation
System overview
Detail 4

MODEL(S): Hartford

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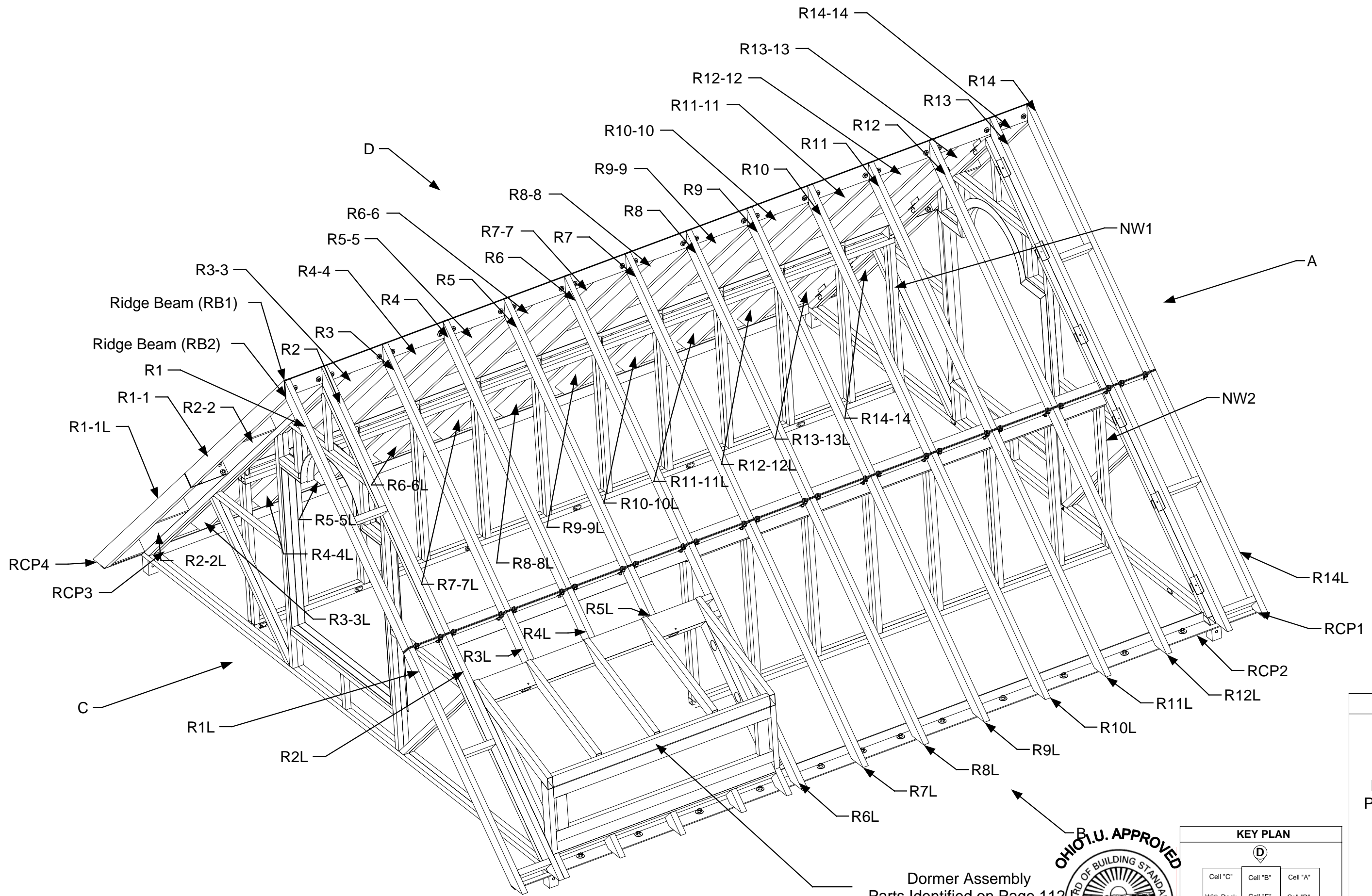


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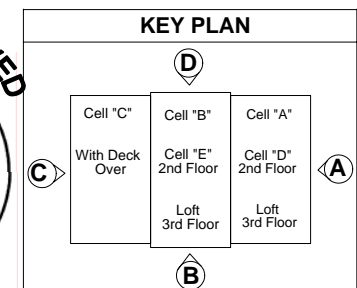
Manufacturing
Cell A
View 3D Cutaway
Electrical
installation
System
overview
Detail 5

MODEL(S): Hartford

PAGE 109E



Dormer Assembly
Parts Identified on Page 112

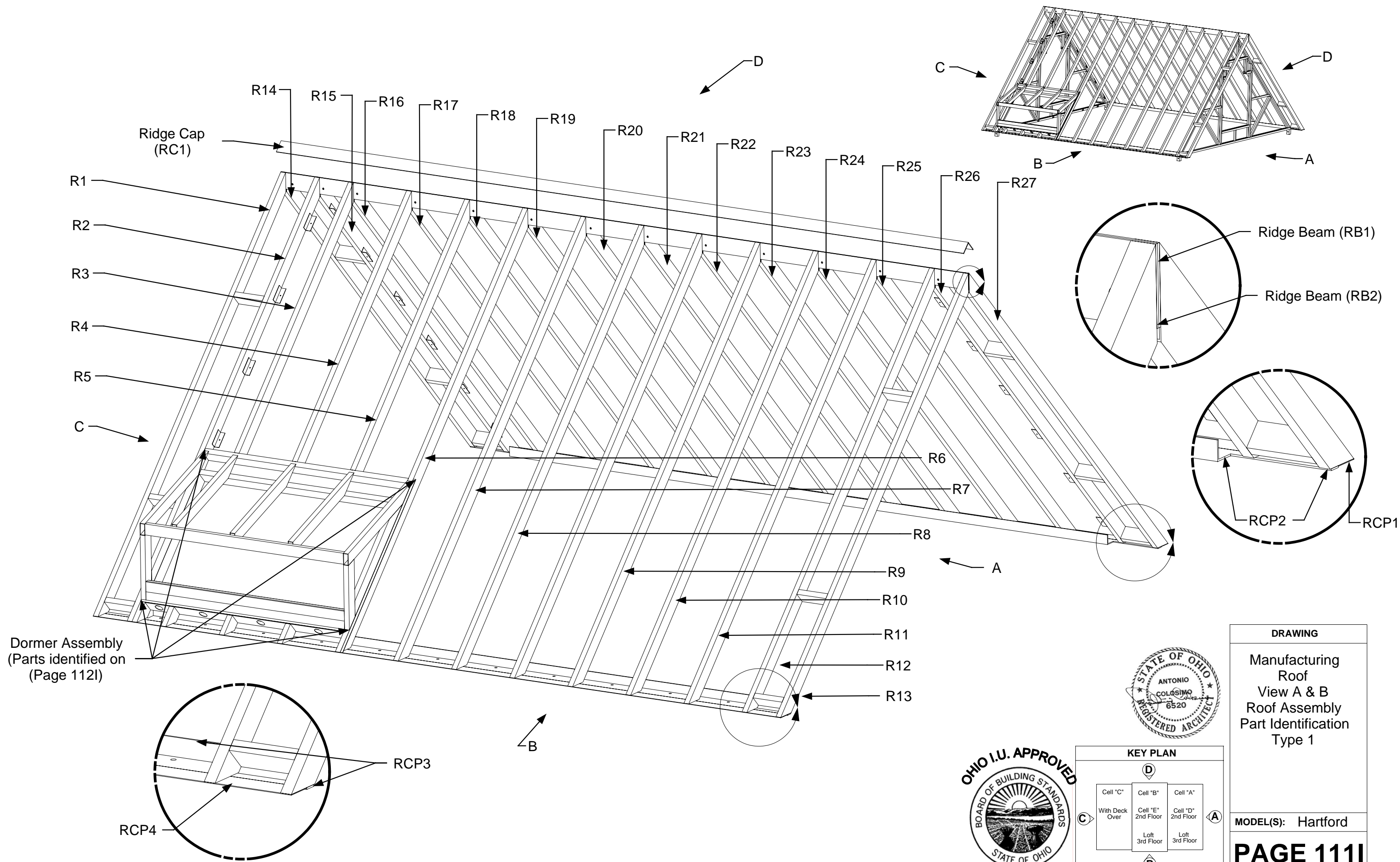


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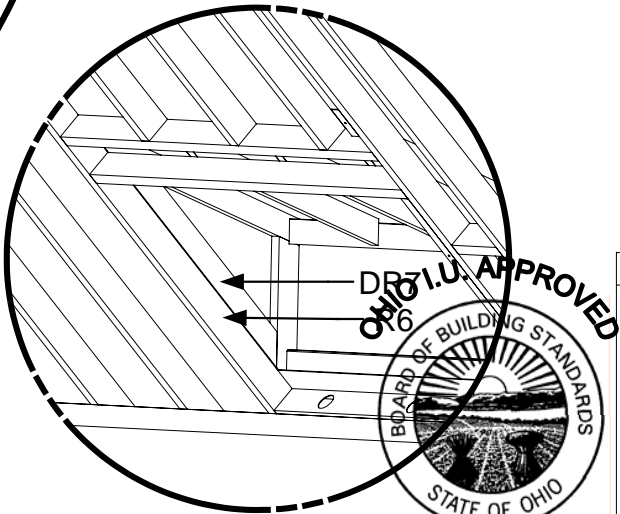
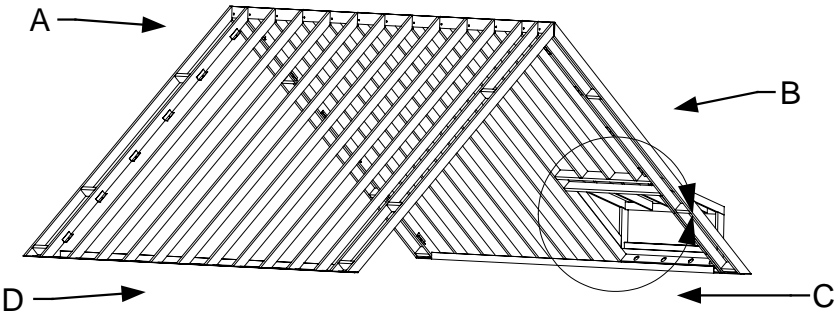
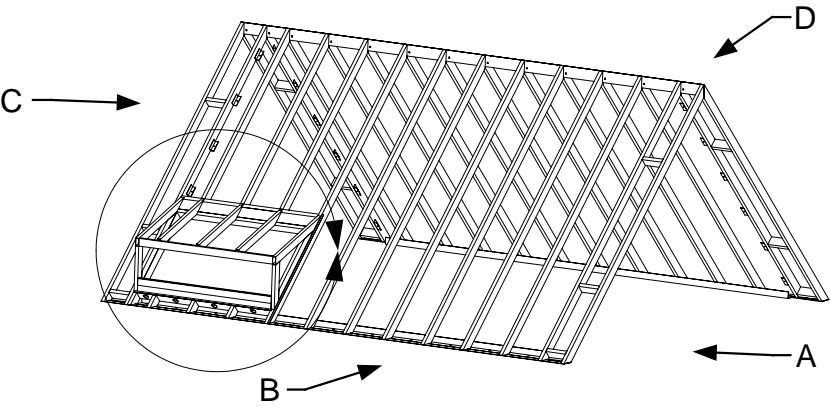
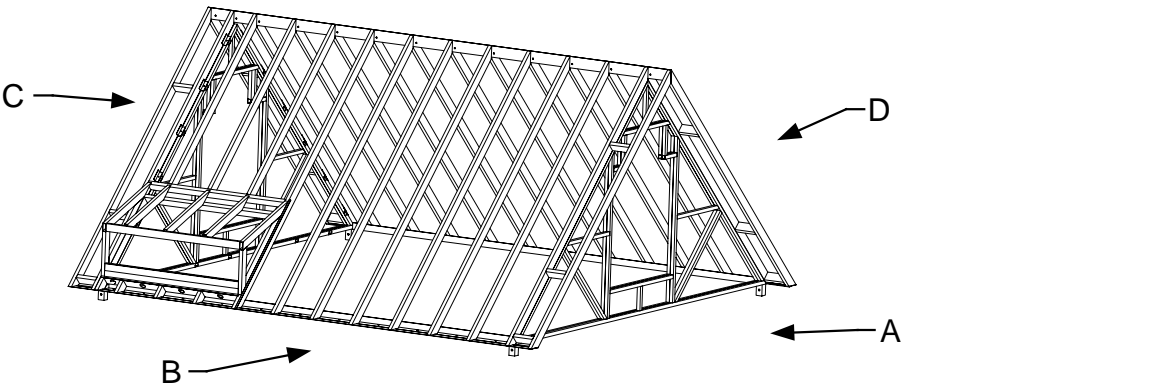
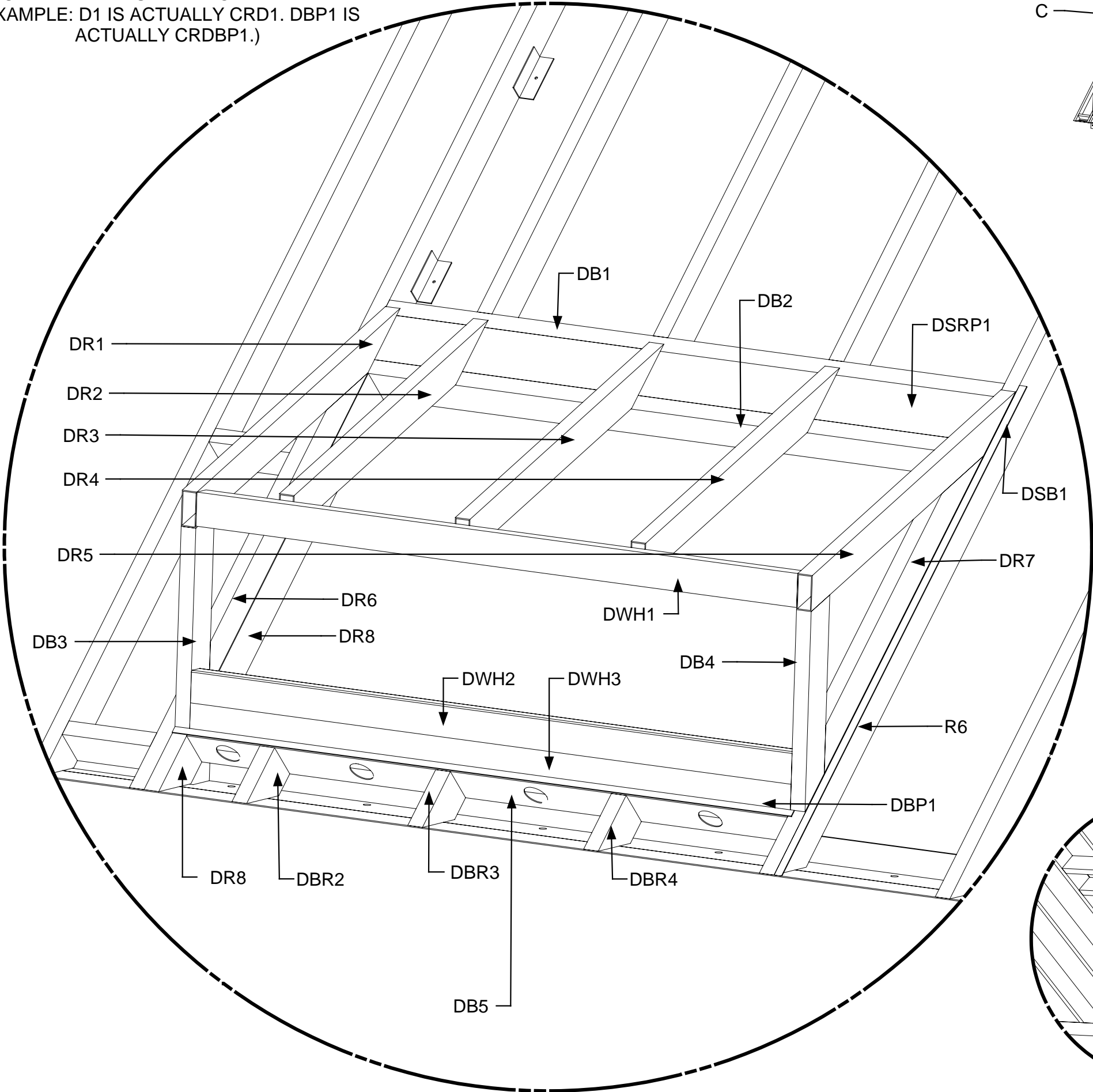
Manufacturing
Roof
View B & C
Roof Assembly
Part Identification
Type 2

MODEL(S): Hartford

PAGE 110I



NOTE: ALL PARTS ARE SHOWN WITHOUT THE "CR" IN THE FIRST PART OF THE NAME.
(EXAMPLE: D1 IS ACTUALLY CRD1. DBP1 IS ACTUALLY CRDBP1.)



KEY PLAN		
D		
Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
C	B	A



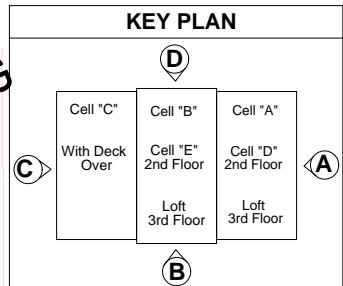
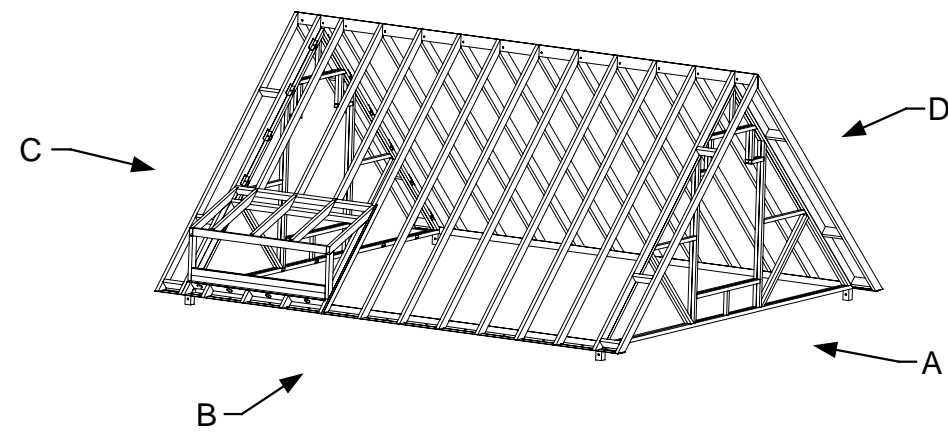
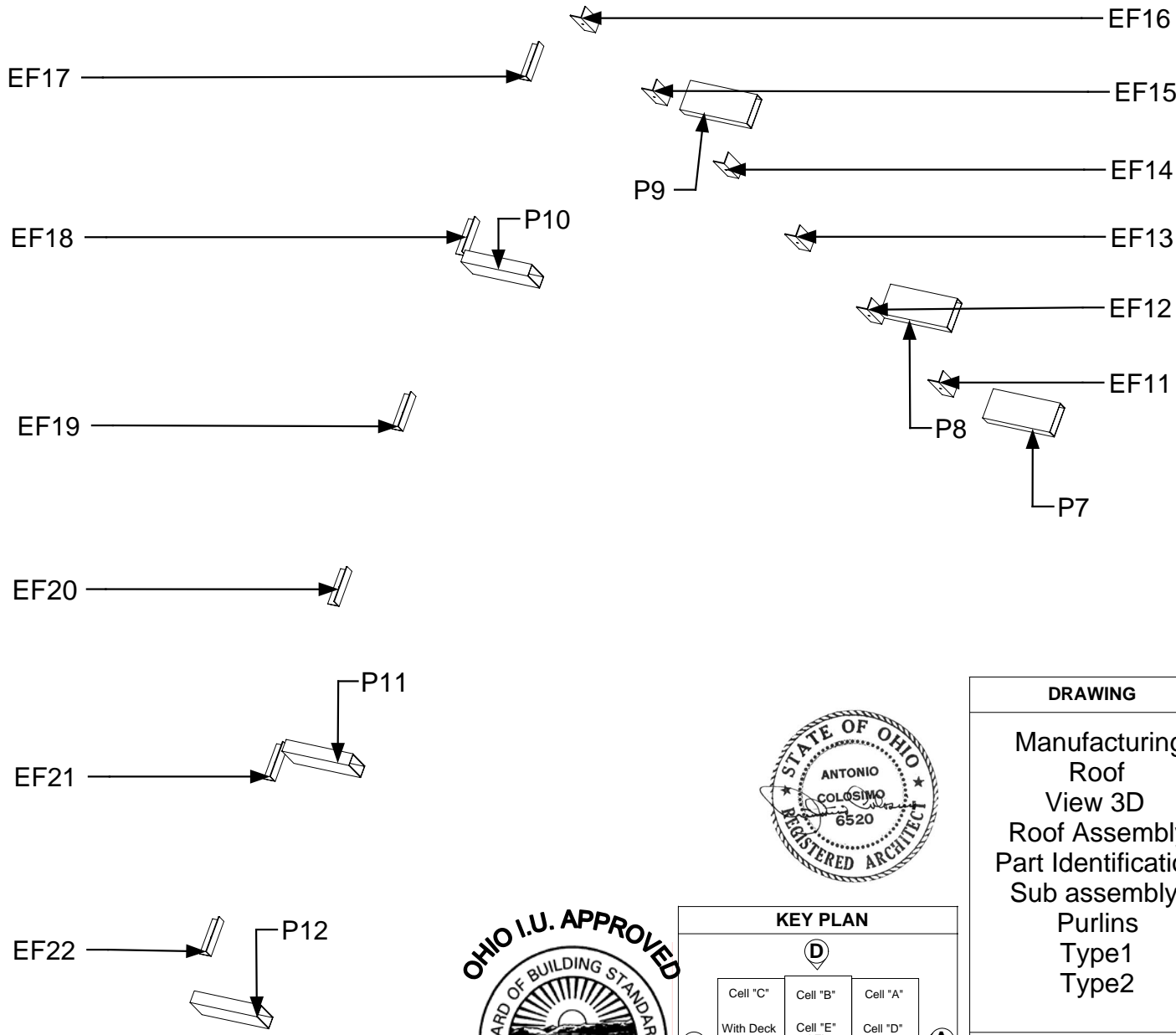
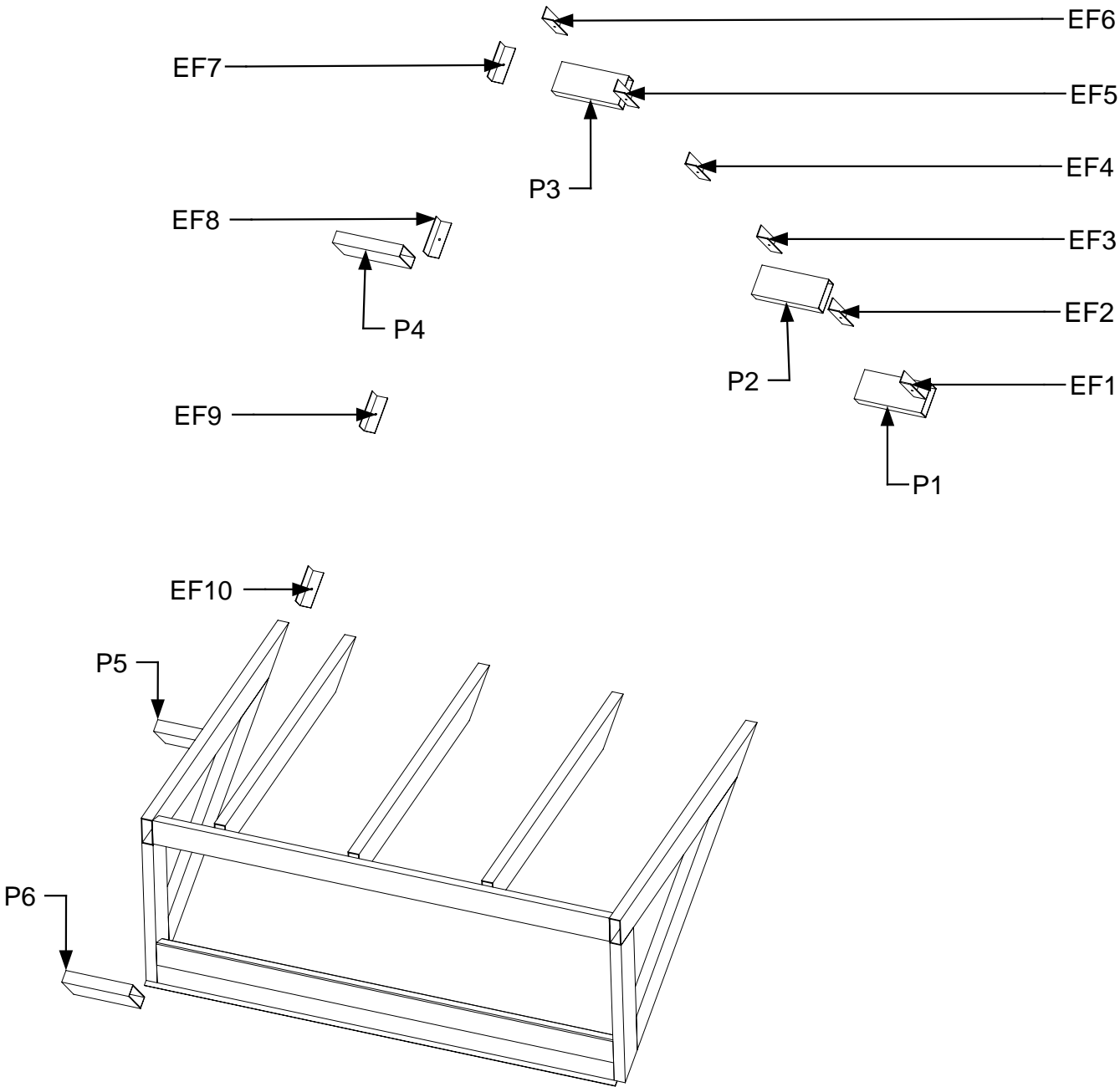
DRAWING

Manufacturing
Roof
View 3D
Roof Assembly
Part Identification
Dormer
Type1
Type2

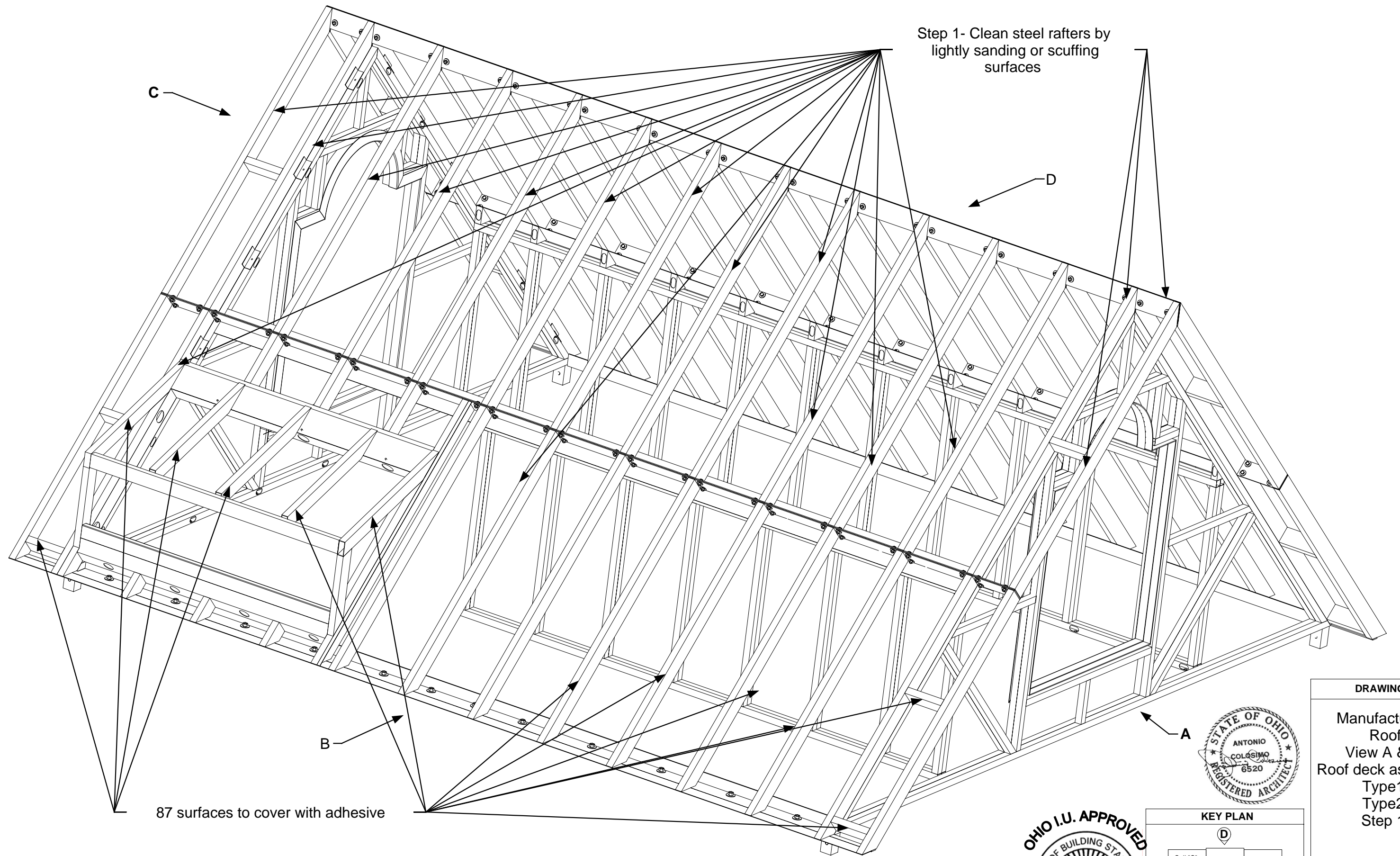
MODEL(S): Hartford

PAGE 112I

NOTE: ALL PARTS ARE SHOWN WITHOUT THE "CR" IN THE FIRST PART OF THE NAME. (EXAMPLE: EF7 IS ACTUALLY CREF7. P12 IS ACTUALLY CRP12.)



DRAWING	
Manufacturing Roof View 3D Roof Assembly Part Identification Sub assembly- Purlins Type1 Type2	
MODEL(S): Hartford	
PAGE 113I	



Step 1- Clean steel rafters by
lightly sanding or scuffing
surfaces

C

D

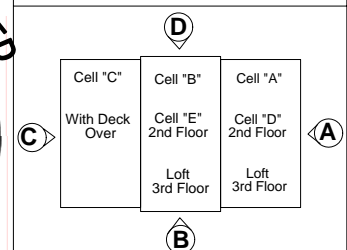
B

A

87 surfaces to cover with adhesive



KEY PLAN

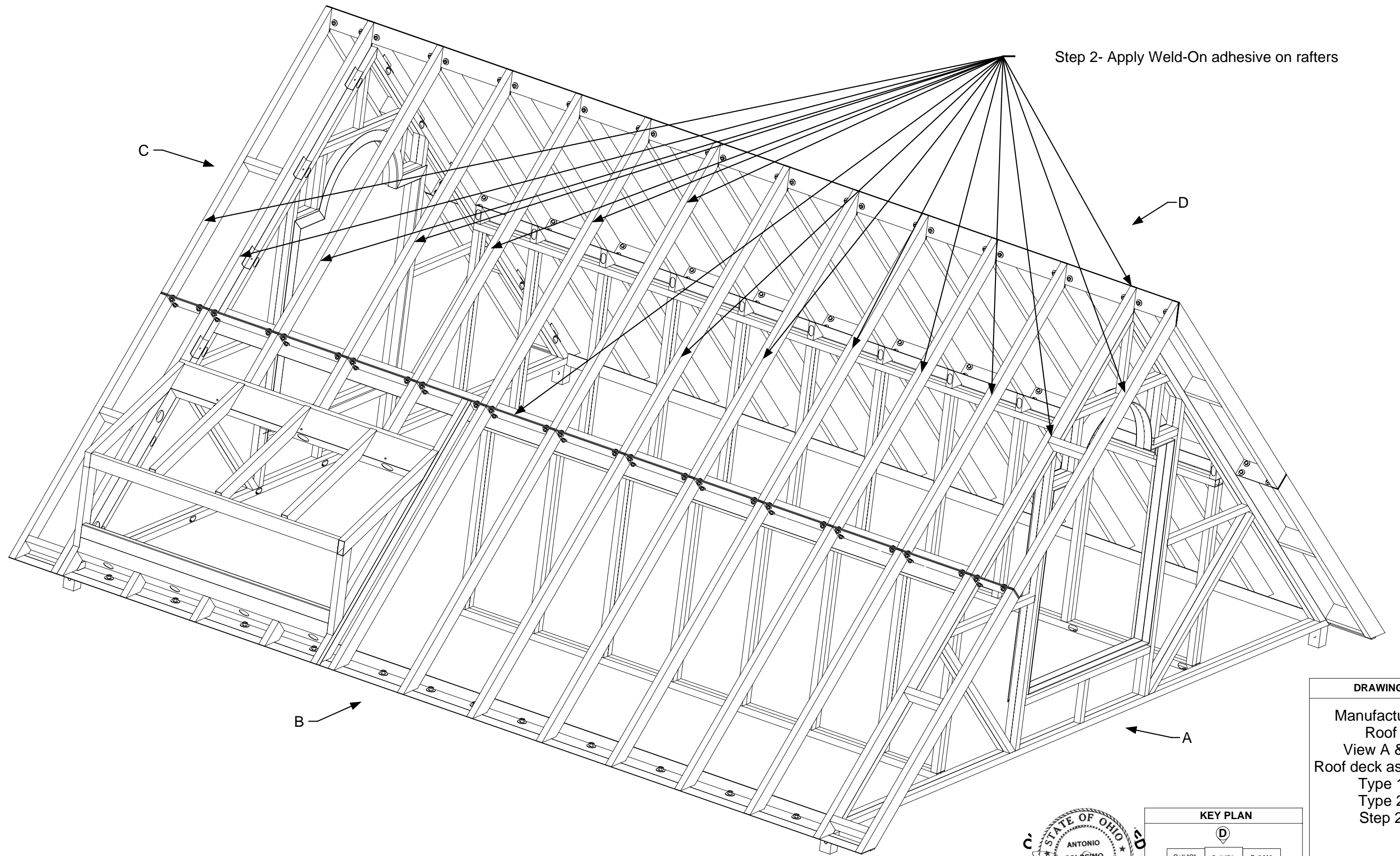


DRAWING

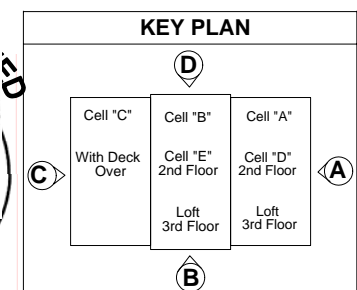
Manufacturing
Roof
View A & B
Roof deck assembly
Type1
Type2
Step 1

MODEL(S): Hartford

PAGE 114I



Step 2- Apply Weld-On adhesive on rafters

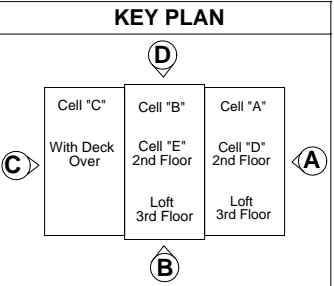


DRAWING
Manufacturing Roof View A & B Roof deck assembly Type 1 Type 2 Step 2
MODEL(S): Hartford
PAGE 1151

Step 3 & 4 - Apply laminated panel on the rafters. Allow .25" overhang of roof deck panel, on gable end of roof

Use stainless steel or galvanized number 20 self-tapping screws .75" in length. Apply the screws every 12" along rafter length

B side of roof uses 140 fasteners. There are 309 fasteners in total, used on the roof assembly

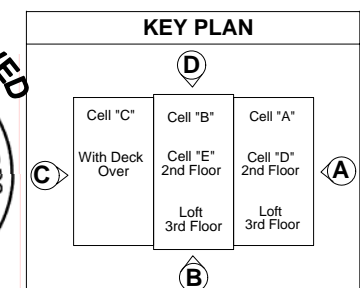
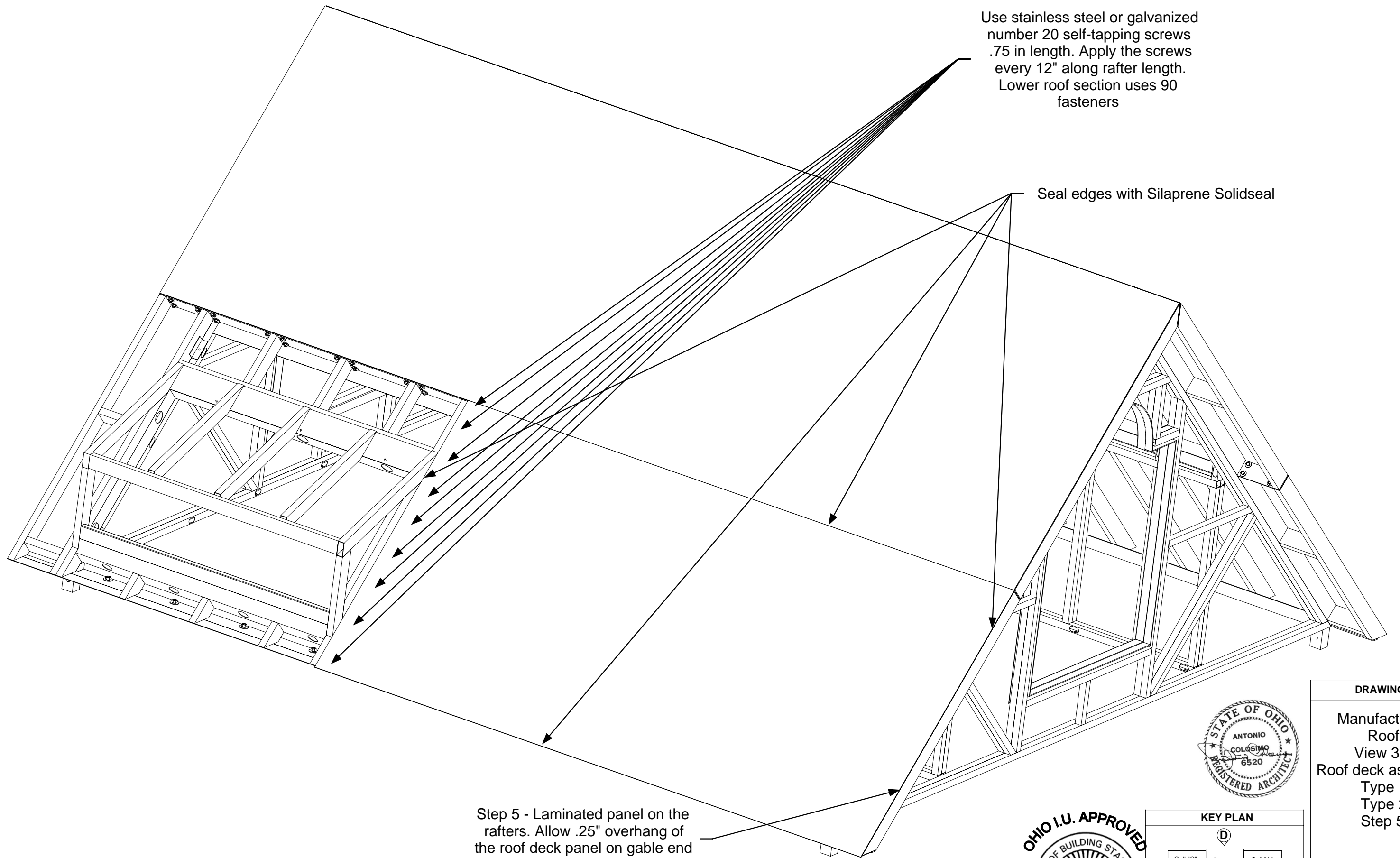


DRAWING

Manufacturing
Roof
View 3D
Roof deck assembly
Type 1
Type 2
Step 3 & 4

MODEL(S): Hartford

PAGE 116I

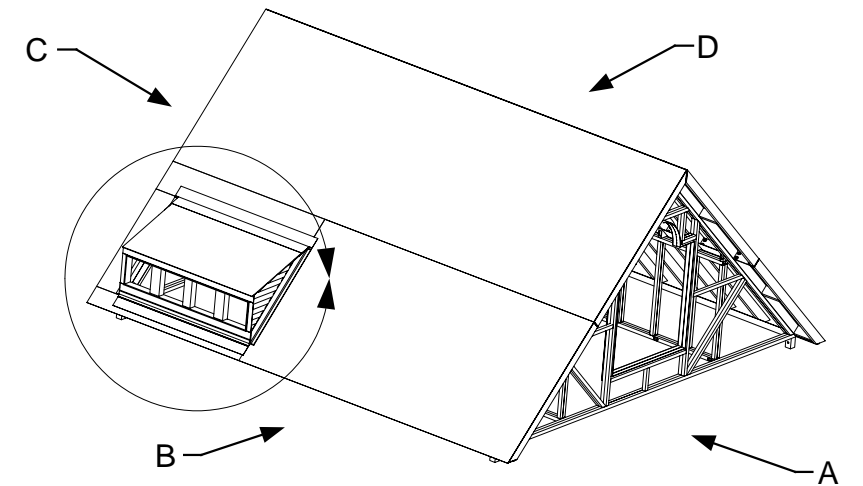
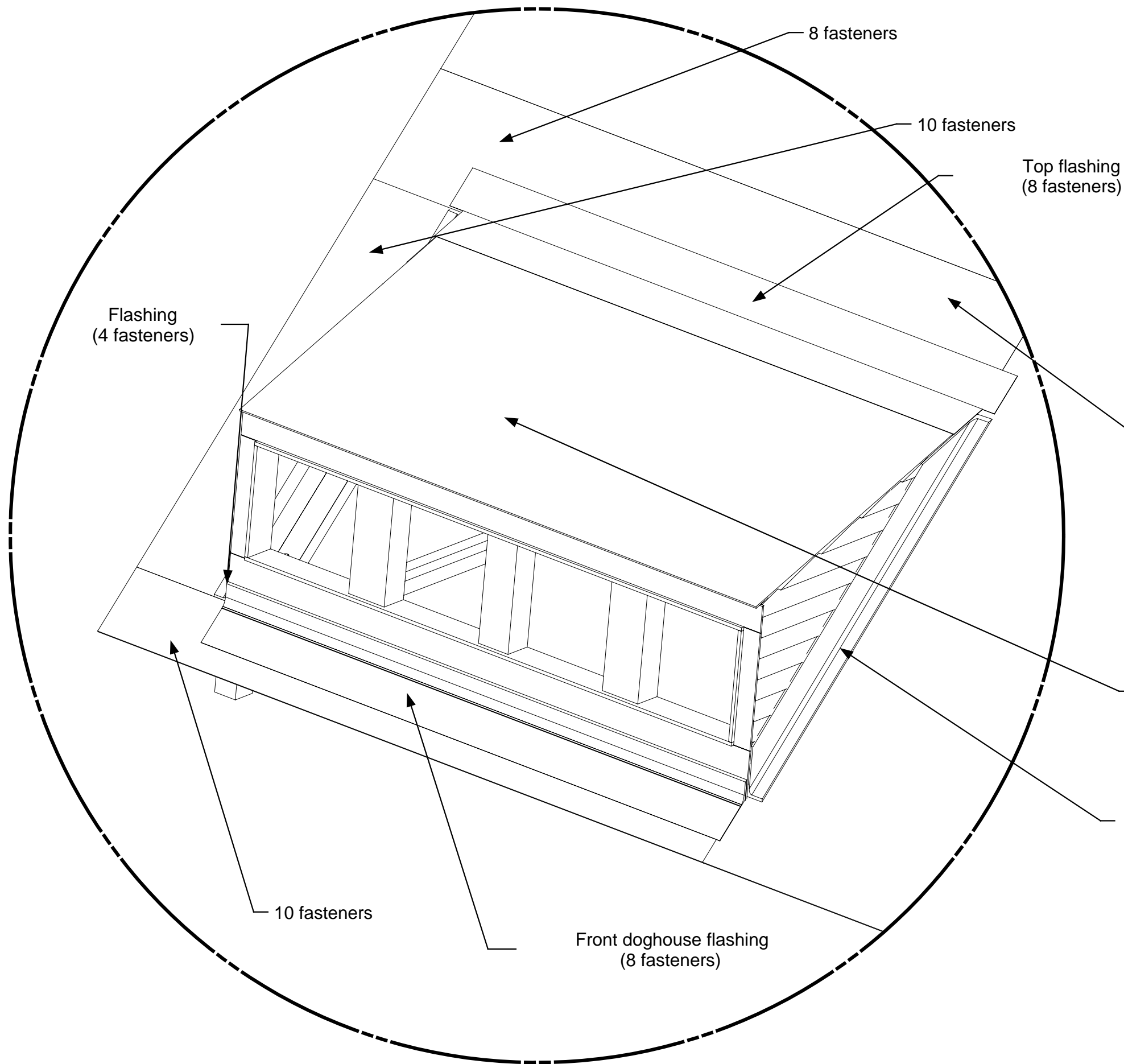


DRAWING

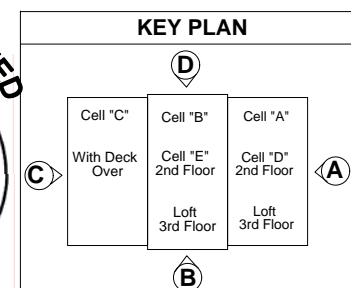
Manufacturing
Roof
View 3D
Roof deck assembly
Type 1
Type 2
Step 5

MODEL(S): Hartford

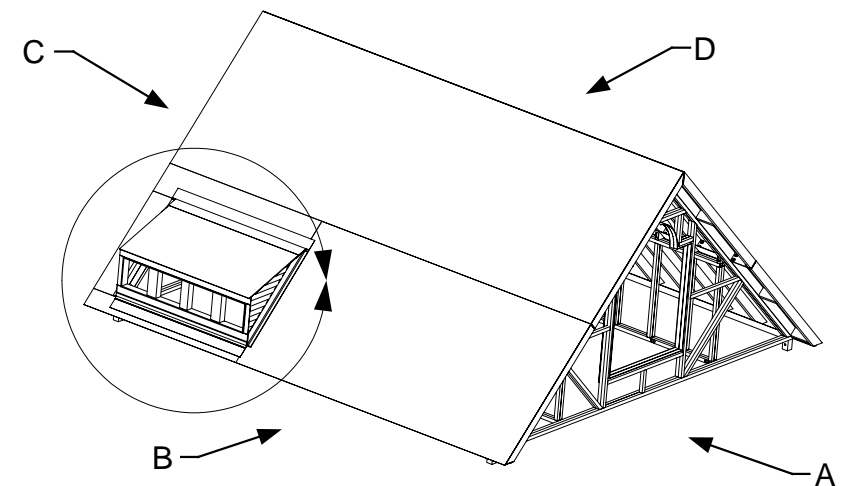
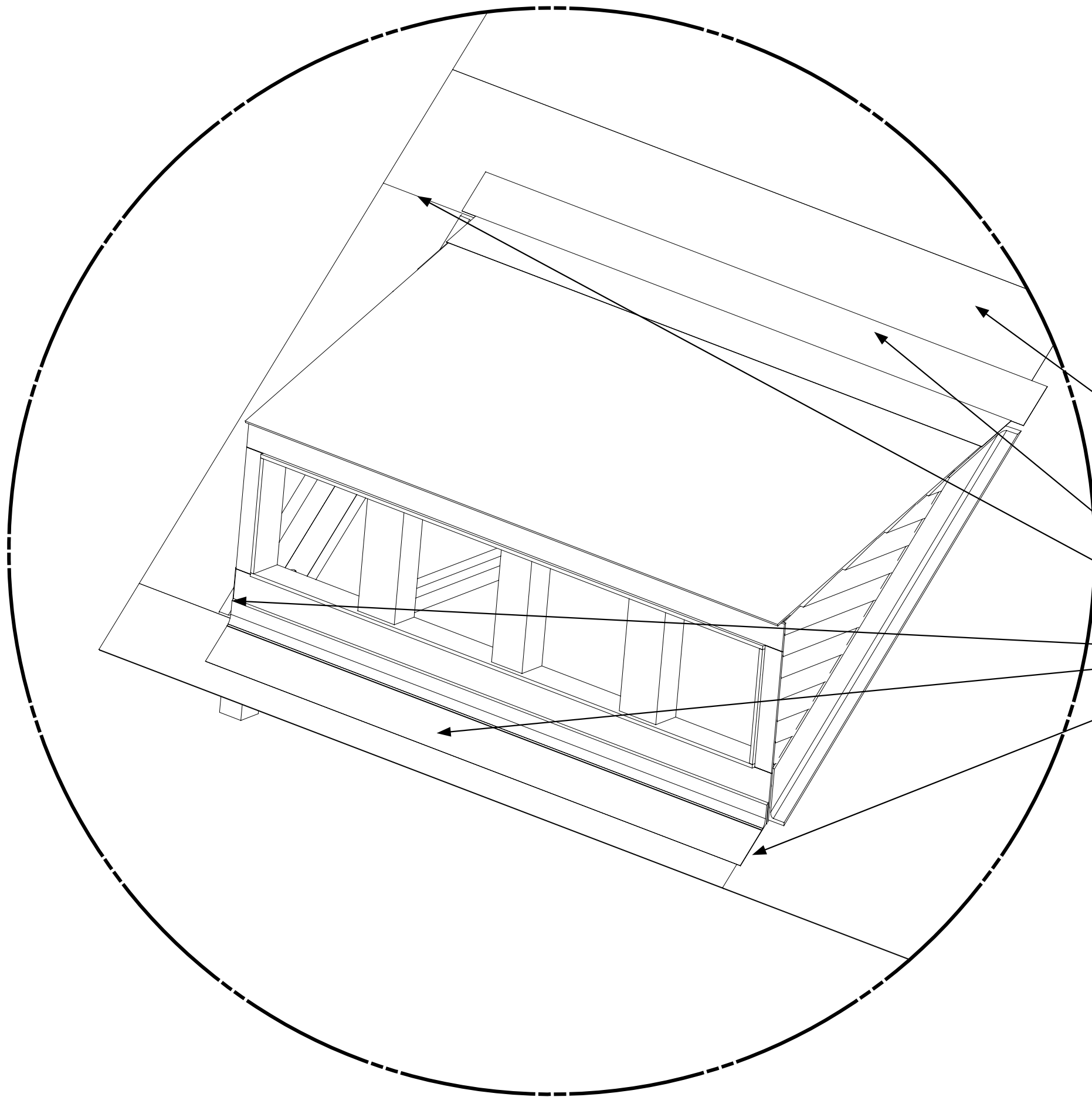
PAGE 1171



Use stainless steel or galvanized number 20 self-tapping screws .75 in length. Apply the screws every 12" along rafter length.



DRAWING
Manufacturing Roof View A & B Roof deck assembly Type 1 Type 2 Step 6
MODEL(S): Hartford
PAGE 118I



Use stainless steel or galvanized number 20 self-tapping screws .75 in length. Apply the screws every 12" along rafter length.

Using Silaprene Solidseal, coat the bottom of flashing with sealant before attaching with fasteners. After flashing is fastened, seal edges.



KEY PLAN		
C	Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor
		Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
		B

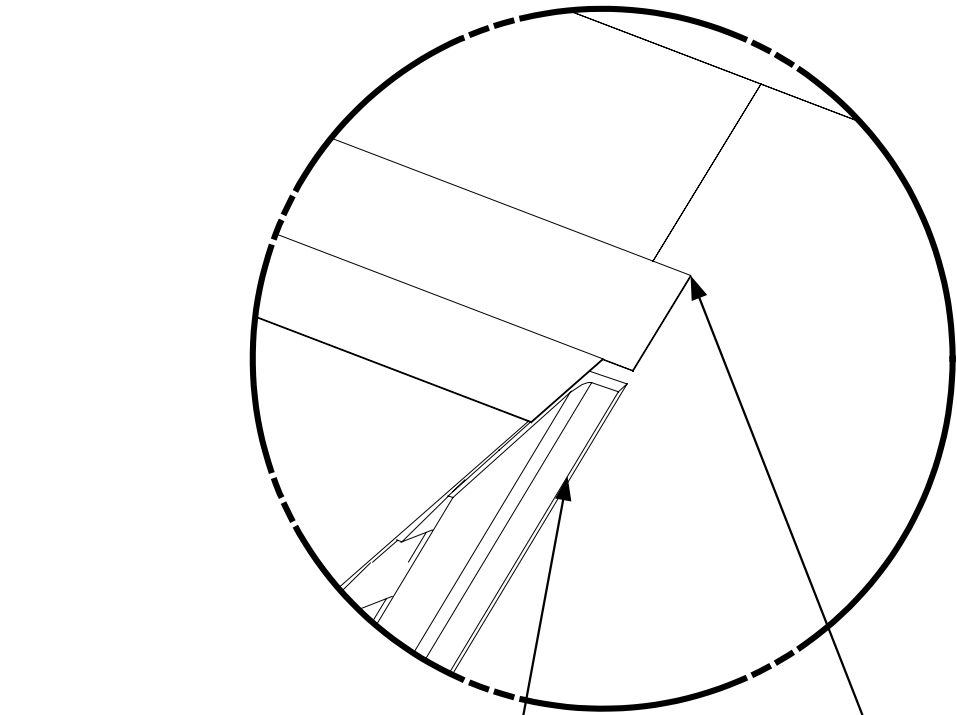
DRAWING

Manufacturing
Roof
View A & B
Roof deck assembly
Type 1
Type 2
Step 7

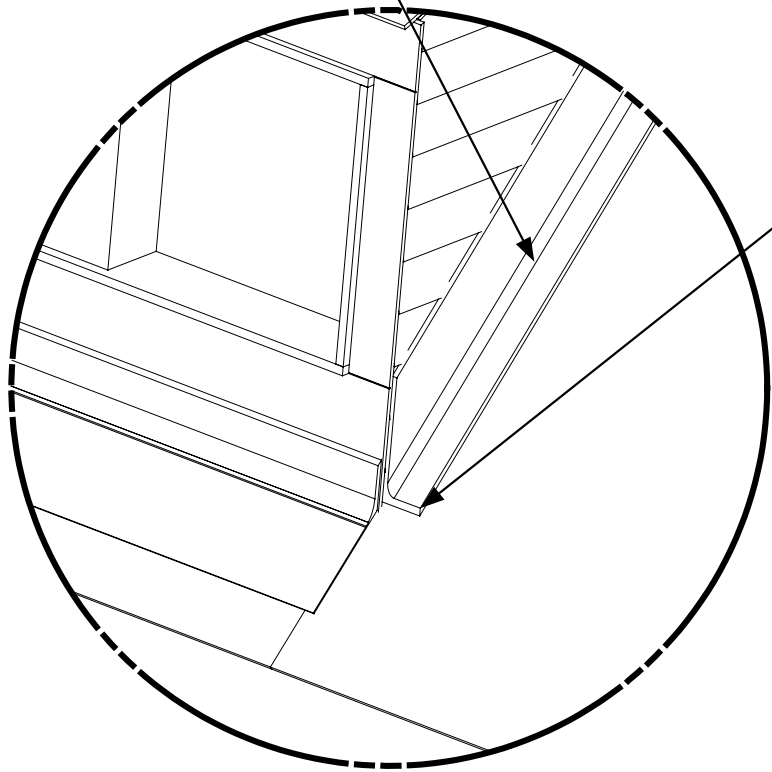
MODEL(S): Hartford

PAGE 119I

For more detailed information on the sealant review (Support Document 1 & 2 section 10)



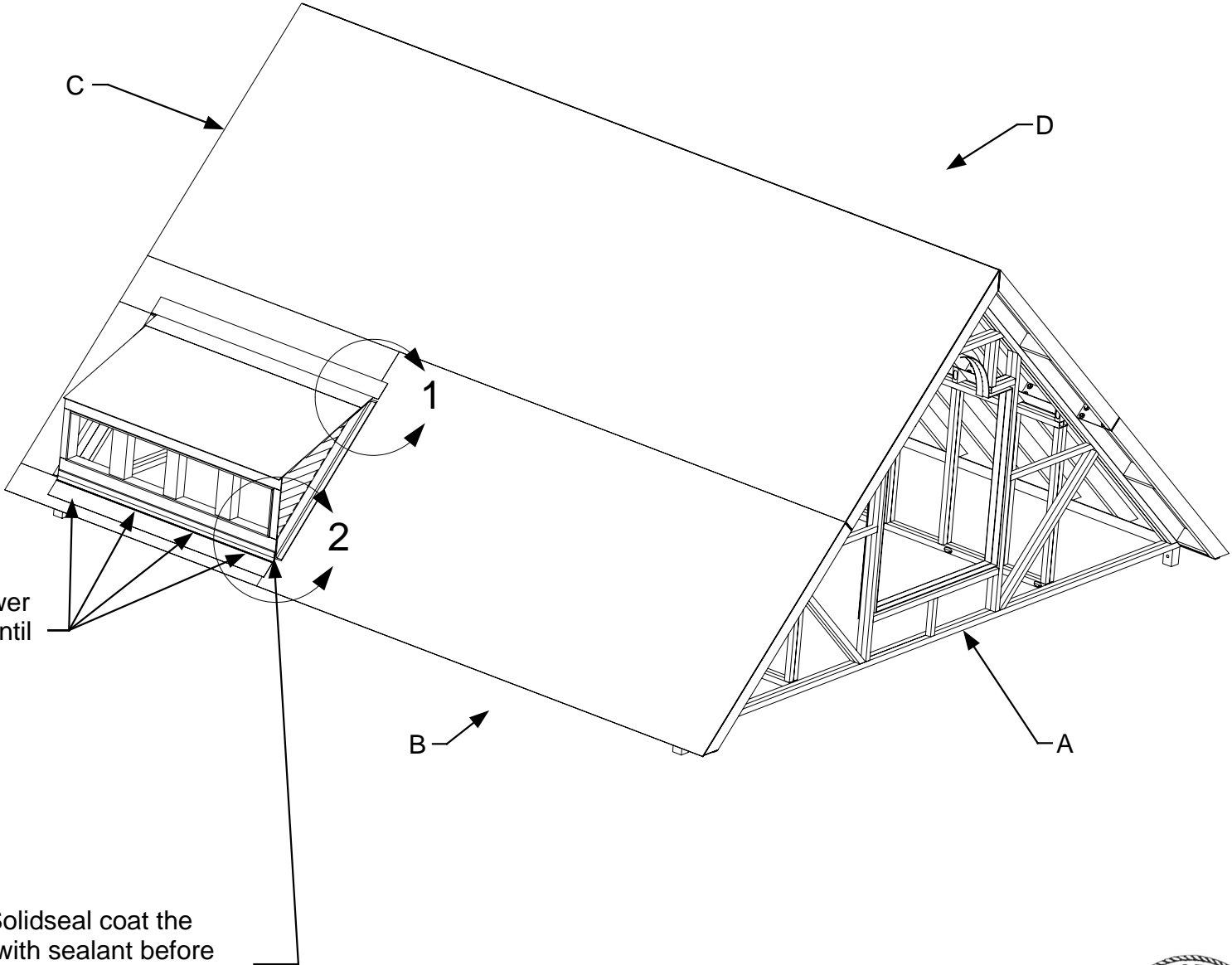
Use stainless steel or galvanized number 20 self-tapping screws .75 in length. Apply the screws every 12" along rafter length.



Do not install fasteners on lower flashing, in front of window, until gutter is installed.

Using Silaprene Solidseal coat the bottom of flashing with sealant before attaching with fasteners. After flashing is fastened, seal edges.

Silaprene Solidseal is both an adhesive and a sealant. The sealant is pigmented to match the surfaces it is used on



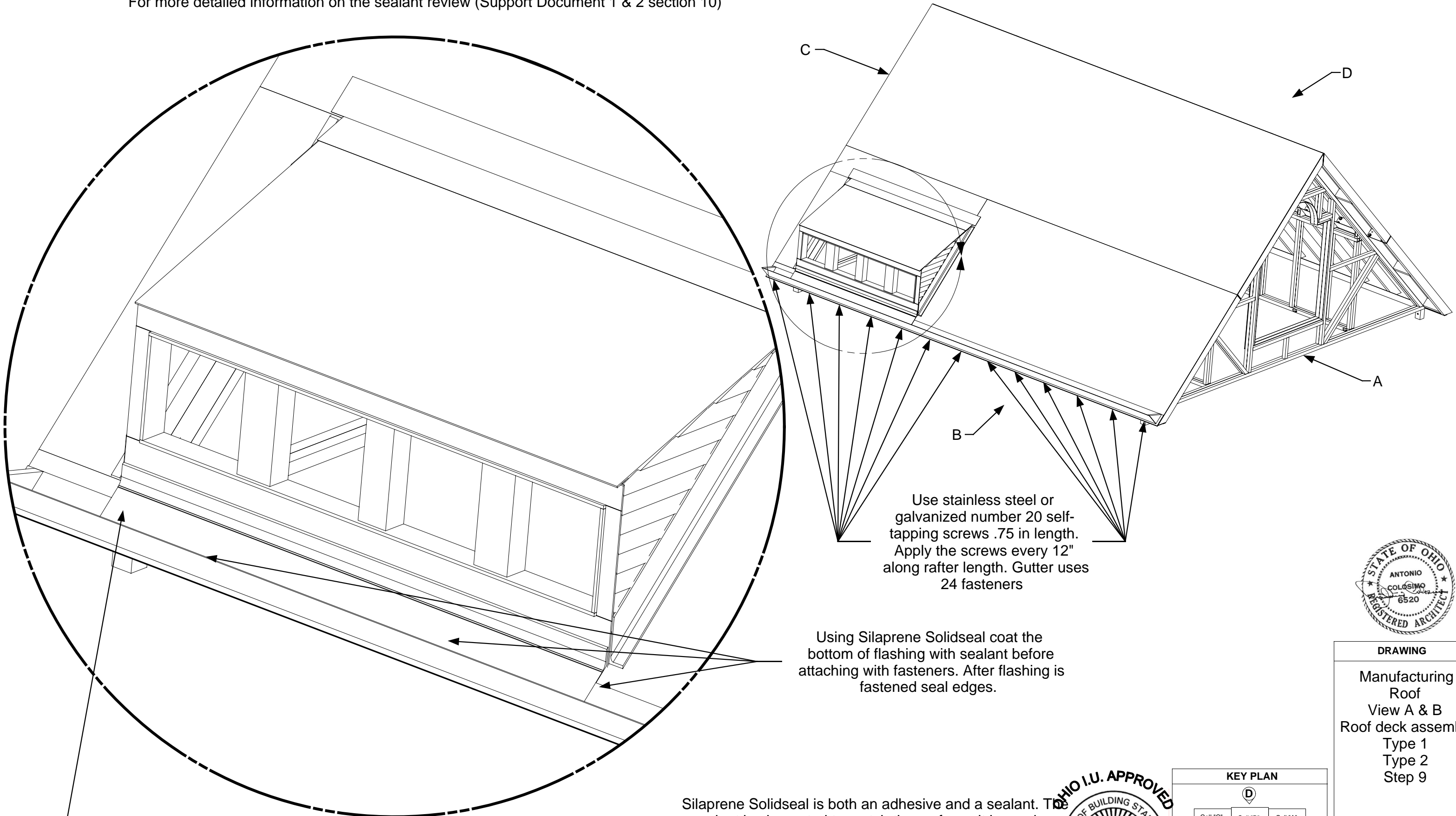
KEY PLAN		
Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor

DRAWING

Manufacturing
Roof
View A & B
Roof deck assembly
Type 1
Type 2
Step 8

MODEL(S): Hartford

PAGE 120I

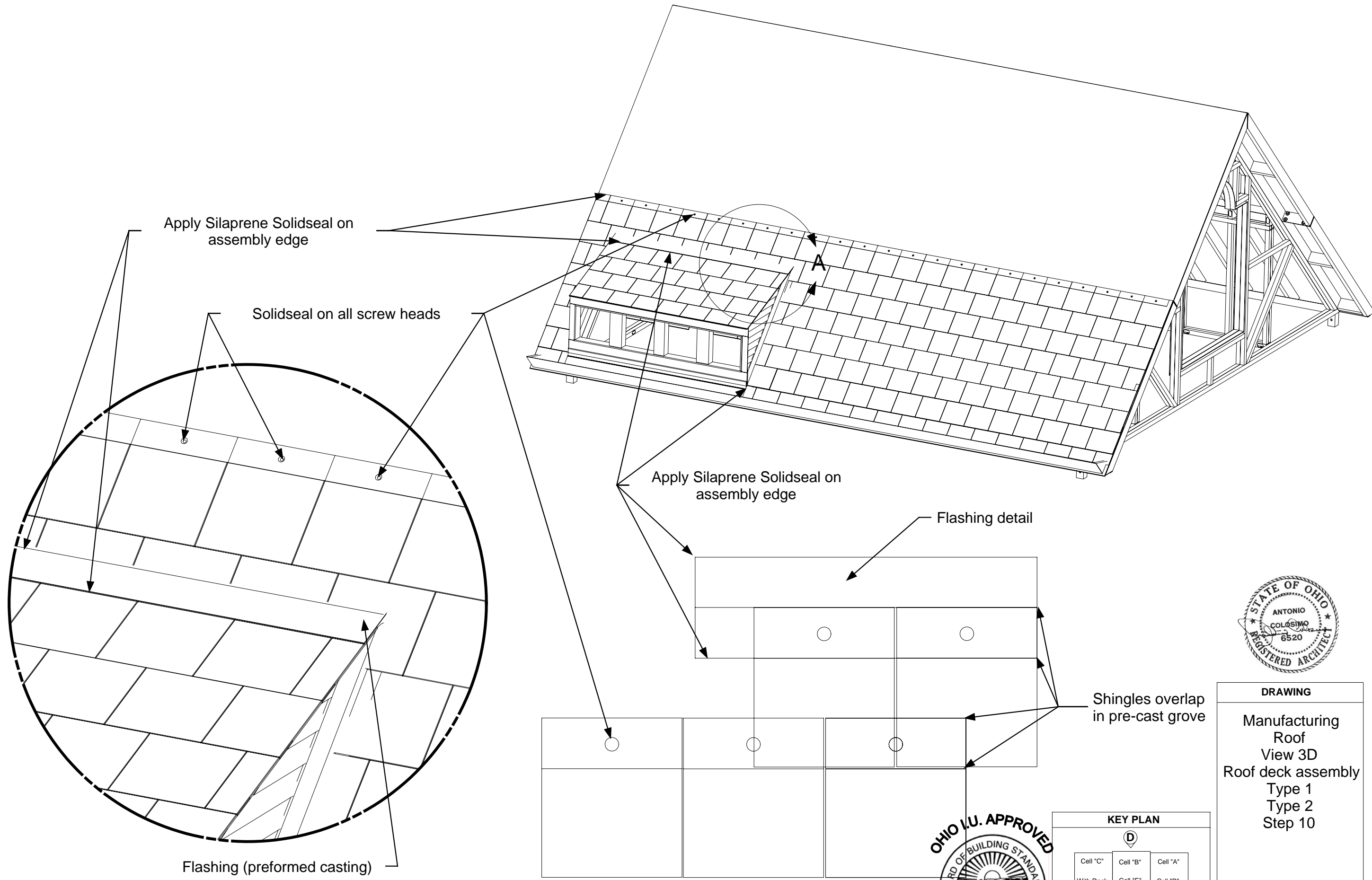


DRAWING
Manufacturing Roof View A & B Roof deck assembly Type 1 Type 2 Step 9
MODEL(S): Hartford
PAGE 1211

Silaprene Solidseal is both an adhesive and a sealant. The sealant is pigmented to match the surfaces it is used on.



KEY PLAN		
C	Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor
	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor	A
D		
B		



DRAWING
Manufacturing Roof View 3D Roof deck assembly Type 1 Type 2 Step 10
MODEL(S): Hartford
PAGE 122I



Finished factory components

Use Silaprene Solidseal sealant on steel edges between upper roof section. Apply sealant on shingle bottom leading edge before installation

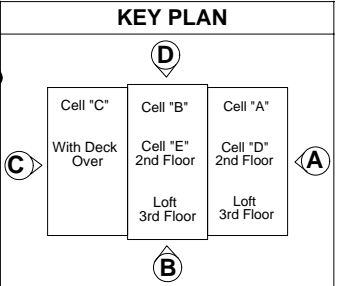


DRAWING

Manufacturing
Roof
View 3D
Roof deck assembly
assembly
Type 1
Type 2
Step 11

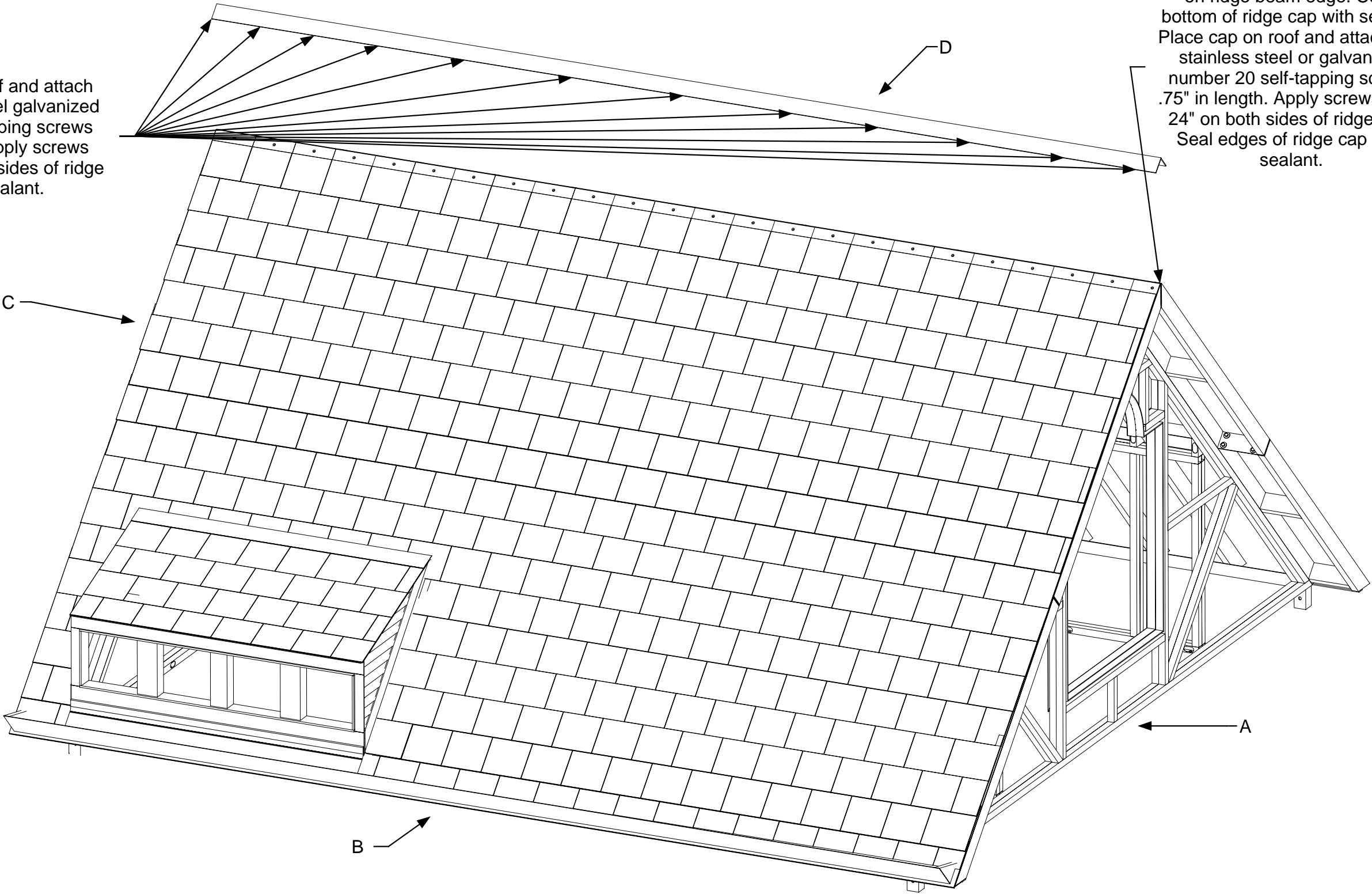
MODEL(S): Hartford

PAGE 1231



Place cap on roof and attach with stainless steel galvanized nuber 20 self-tapping screws .75" in length. Apply screws every 24" on both sides of ridge cap with sealant.

Use Silaprene Solidseal sealant on ridge beam edge. Coat bottom of ridge cap with sealant. Place cap on roof and attach with stainless steel or galvanized number 20 self-tapping screws .75" in length. Apply screws every 24" on both sides of ridge cap. Seal edges of ridge cap with sealant.

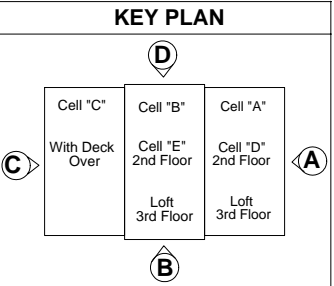


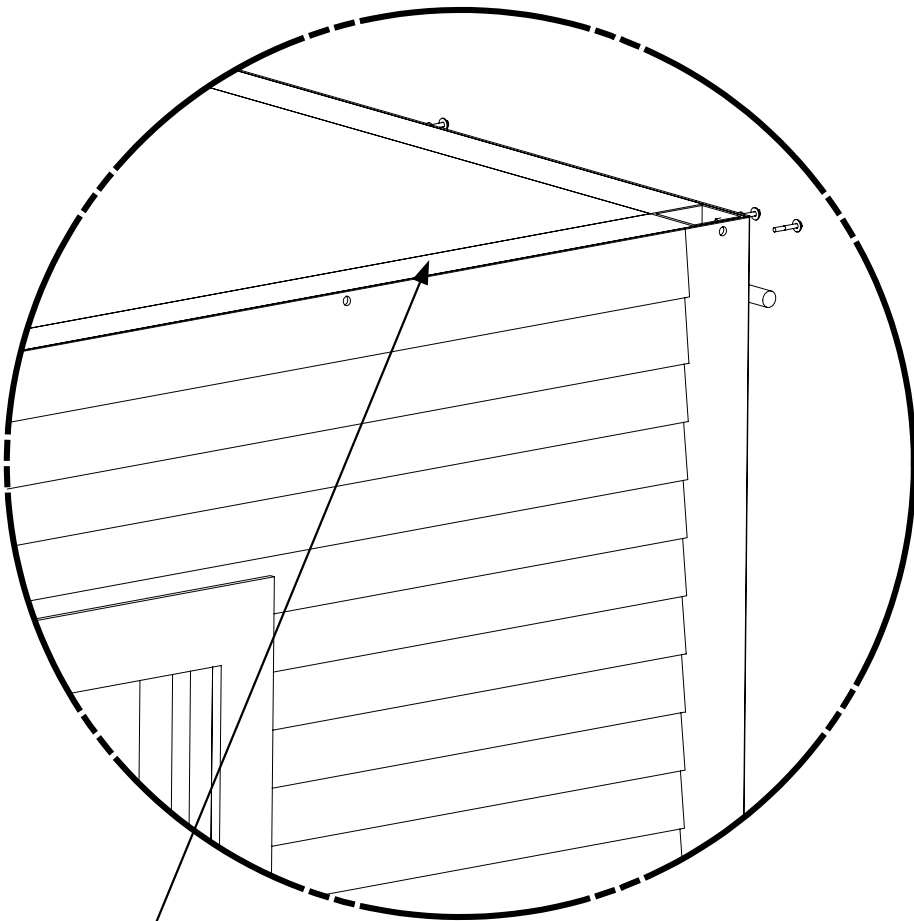
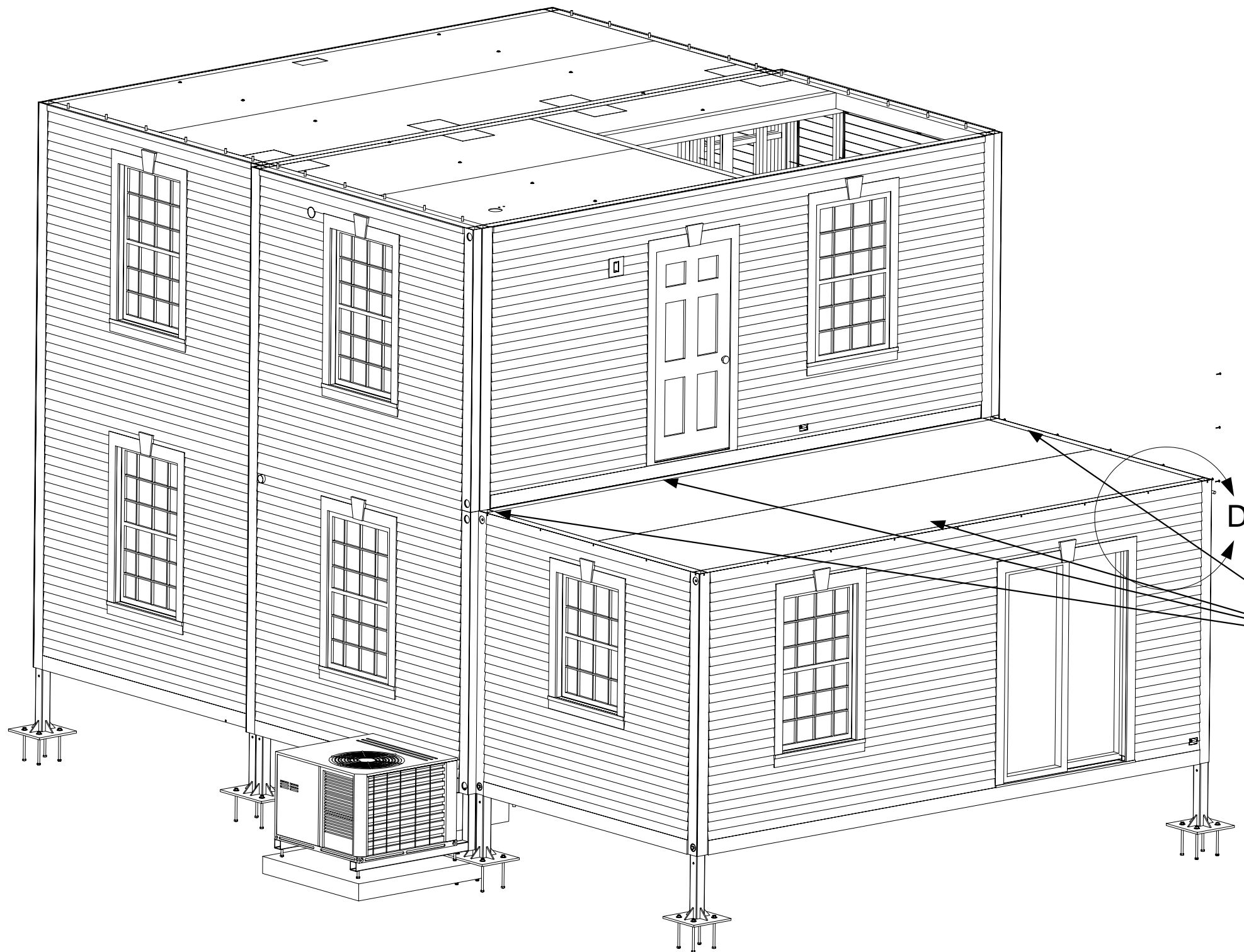
DRAWING

Manufacturing
Roof
View A & B
Roof deck assembly
Type 1
Type 2
Step 12

MODEL(S): Hartford

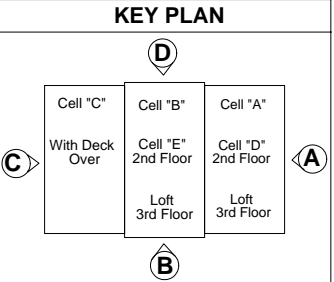
PAGE 1241





FIELD NOTES

Uniroyal Silaprene/Adhesive/Sealant
applied to contact surfaces

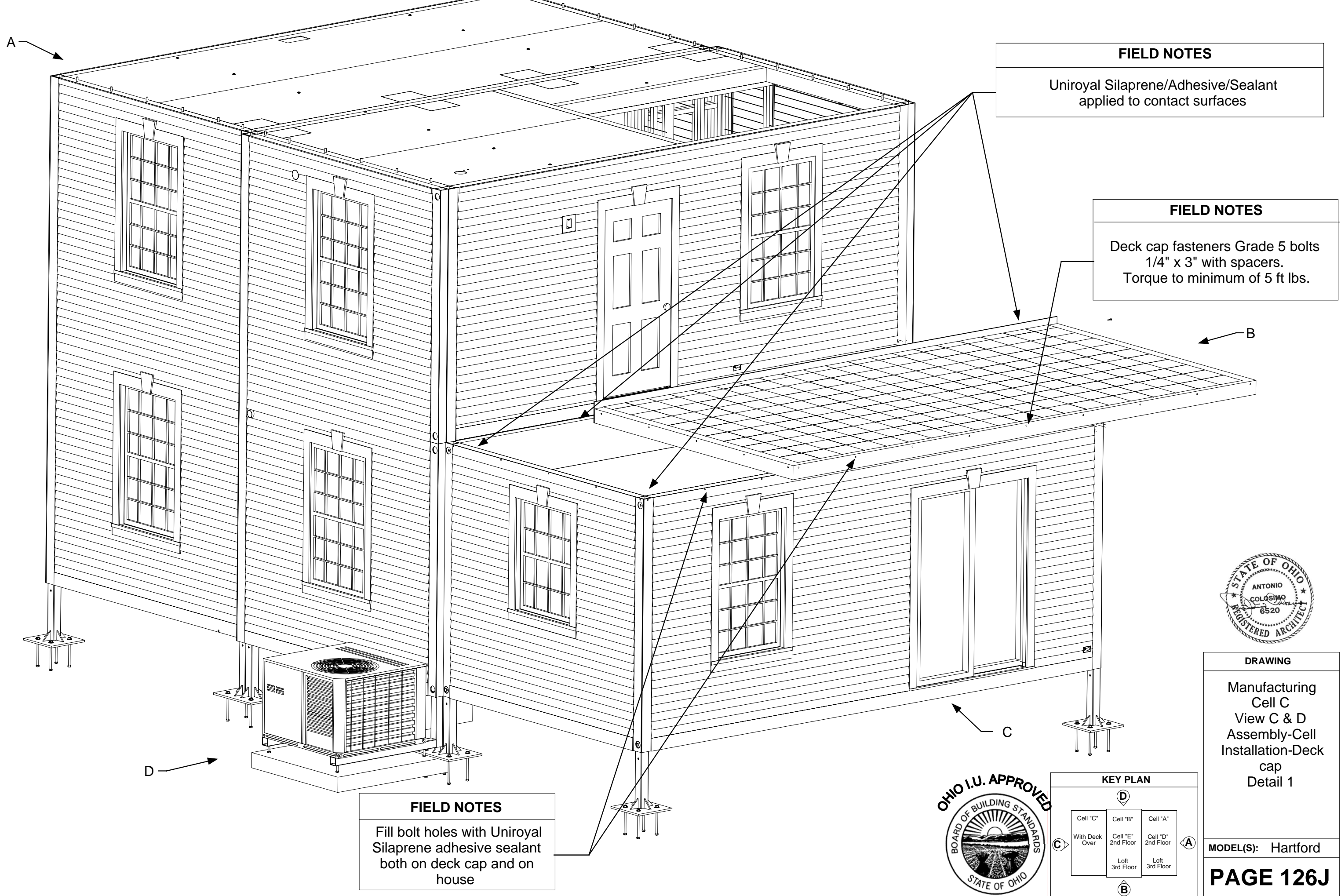


DRAWING

Manufacturing
Cell C
View 3D
Assembly-Cell
Installation-Deck
cap

MODEL(S): Hartford

PAGE 125J



FIELD NOTES

Uniroyal Silaprene/Adhesive/Sealant
applied to contact surfaces

FIELD NOTES

Deck cap fasteners Grade 5 bolts
1/4" x 3" with spacers.
Torque to minimum of 5 ft lbs.

FIELD NOTES

Fill bolt holes with Uniroyal
Silaprene adhesive sealant
both on deck cap and on
house

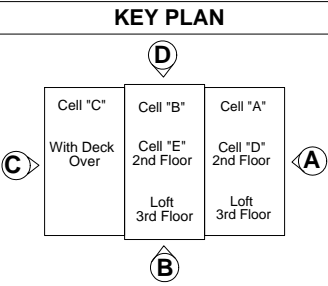


DRAWING

Manufacturing
Cell C
View C & D
Assembly-Cell
Installation-Deck
cap
Detail 1

MODEL(S): Hartford

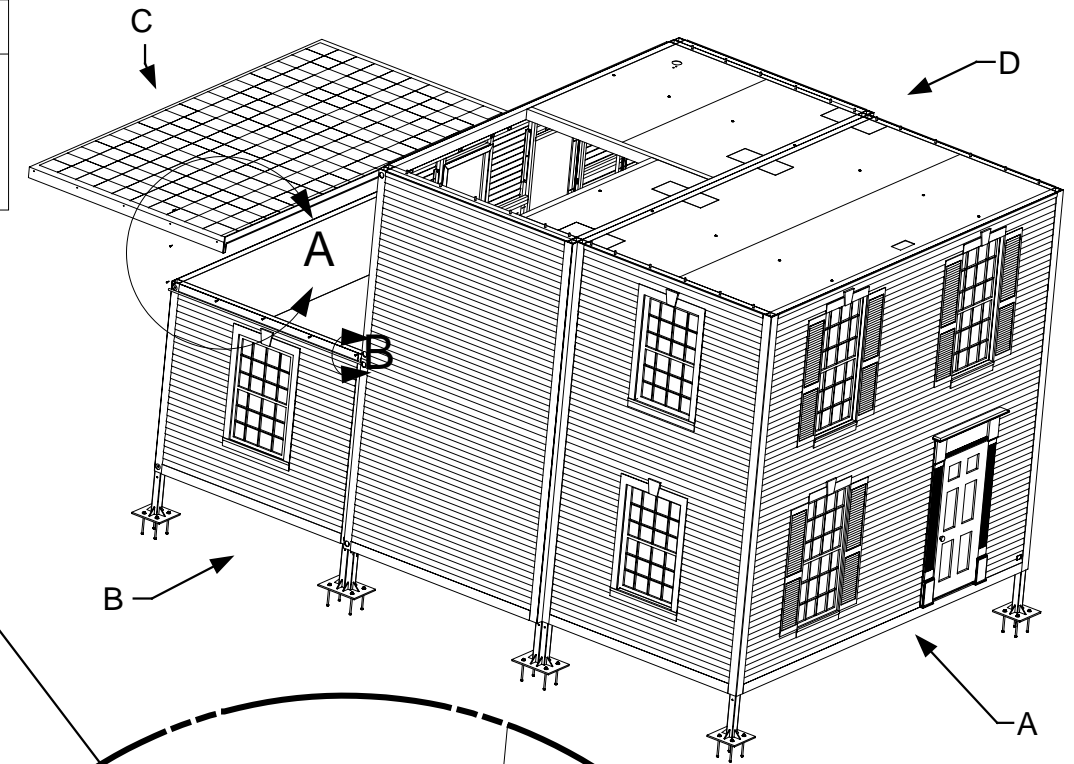
PAGE 126J





FIELD NOTES

Deck cap fasteners Grade 5 bolts
1/4" x 3" with spacers.
Torque to minimum of 5 ft lbs.



FIELD NOTES

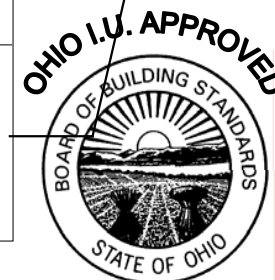
Fill bolt holes with Uniroyal
Silaprene adhesive sealant
both on deck cap and on
house

FIELD NOTES

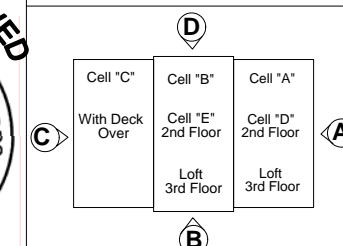
Flashing Notes
Deck cap has flashing built into it.
Apply on flashing 4 passes of Uniroyal Silaprene
adhesive sealant. Excess sealant will squeeze out
after bolting cap takes place. Remove excess
sealant from edge. Sealant is colored the same as
home.

FIELD NOTES

Fill bolt holes with Uniroyal
Silaprene adhesive sealant
both on deck cap and on
house



KEY PLAN

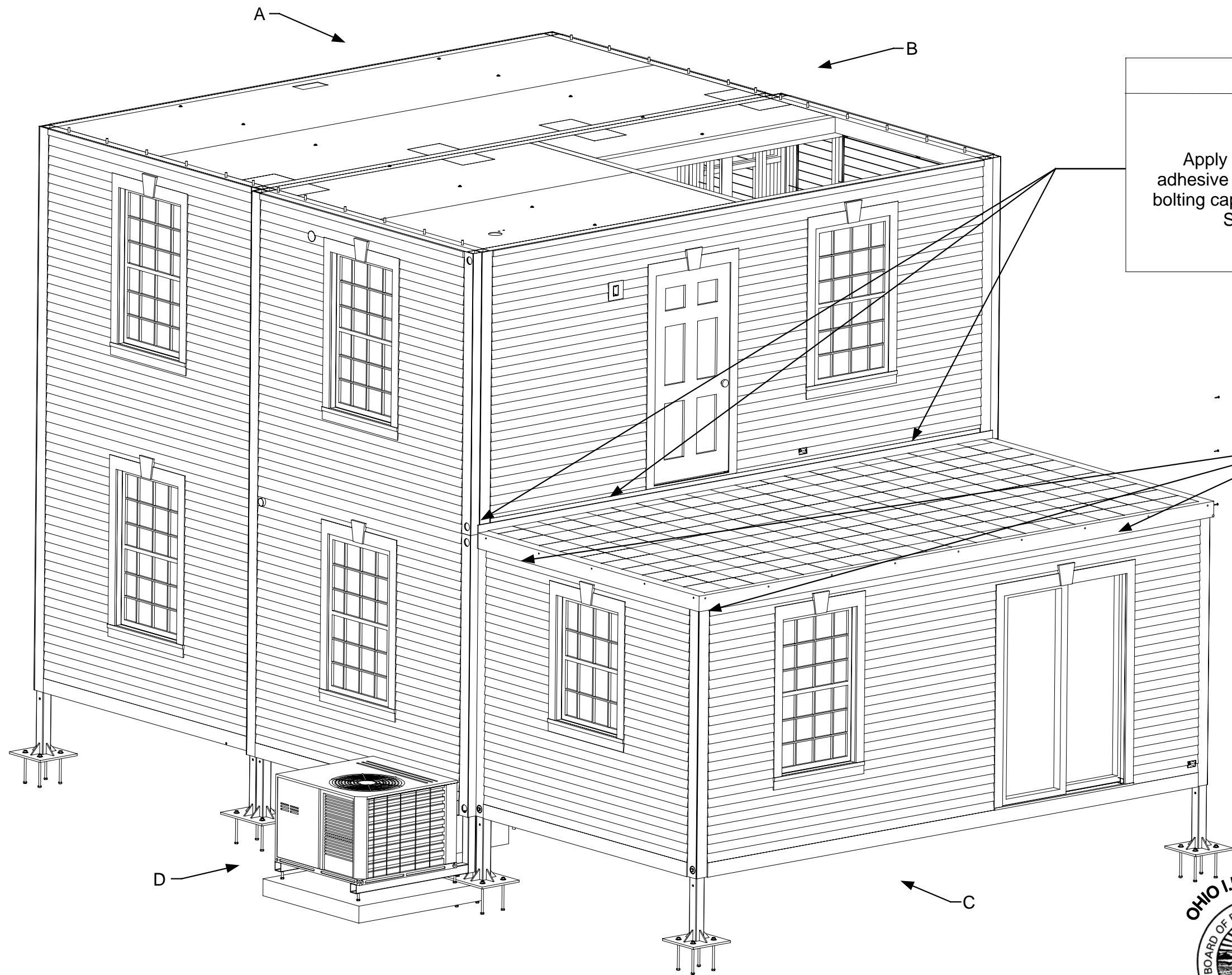


DRAWING

Manufacturing
Cell C
View A & B
Assembly-Cell
Installation -Deck cap
Detail 2

MODEL(S): Hartford

PAGE 127J



FIELD NOTES

Flashing Notes

Deck cap has flashing built into it.
Apply on flashing 4 passes of Uniroyal Silaprene adhesive sealant. Excess sealant will squeeze out after bolting cap in place. Remove excess sealant from edge.
Sealant is colored the same as home.

FIELD NOTES

Place sealant on edge of deck cap

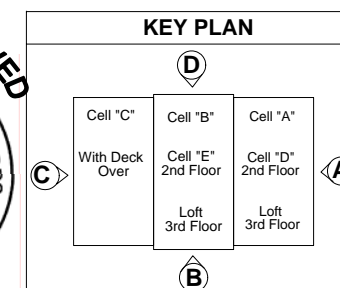


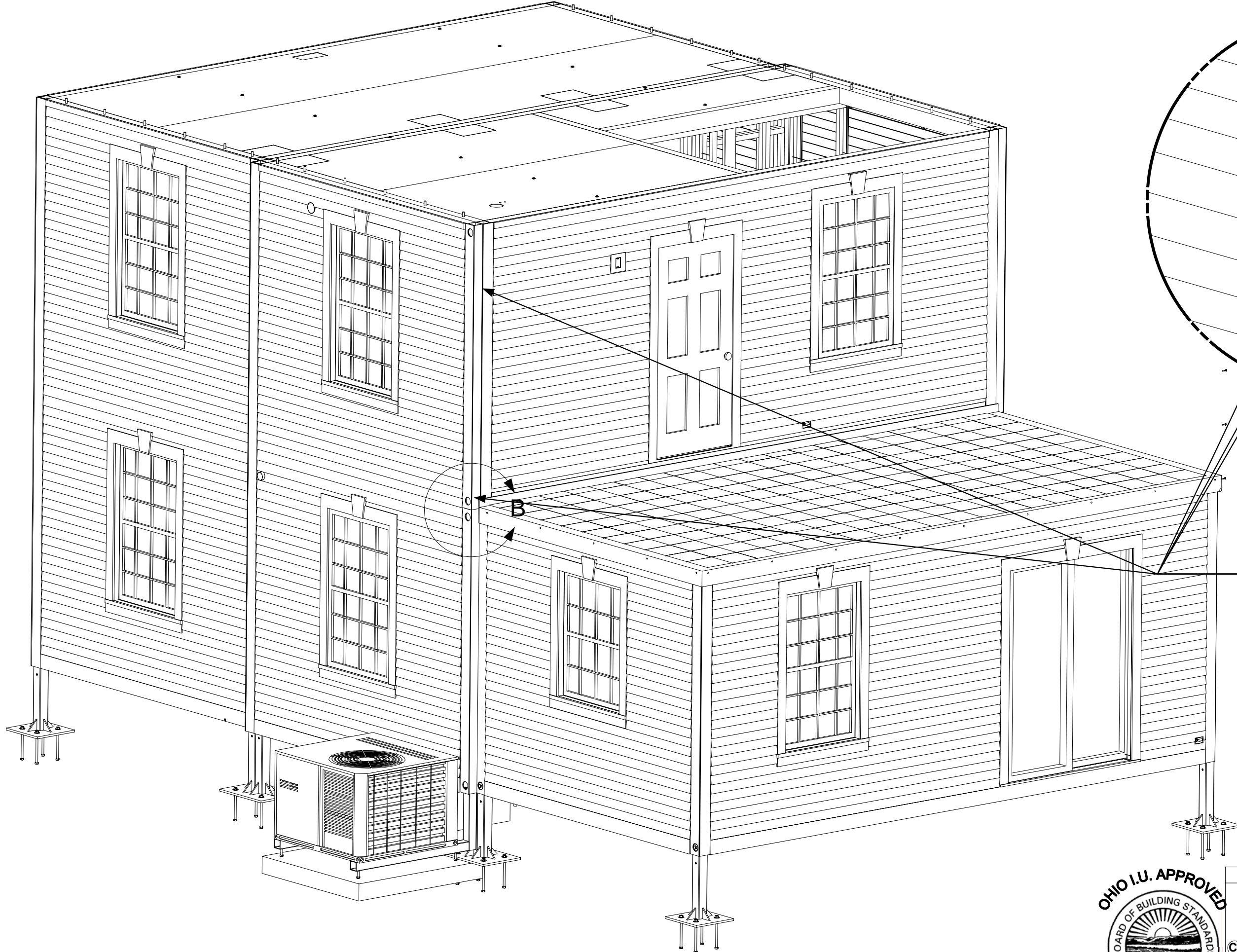
DRAWING

Manufacturing
Cell C
View C & D
Assembly-Cell
Installation-Deck
cap
Detail 3

MODEL(S): Hartford

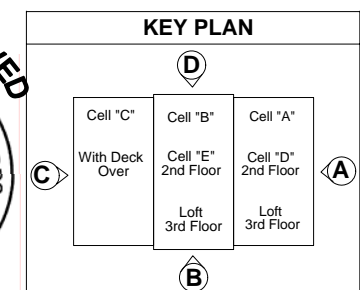
PAGE 128J





FIELD NOTES

Flashing Notes
Deck cap has flashing built into it. Apply on flashing 4 passes of Uniroyal Silaprene adhesive sealant. Excess sealant will squeeze out after bolting cap takes place. Remove excess sealant from edge. Sealant is colored the same as home.

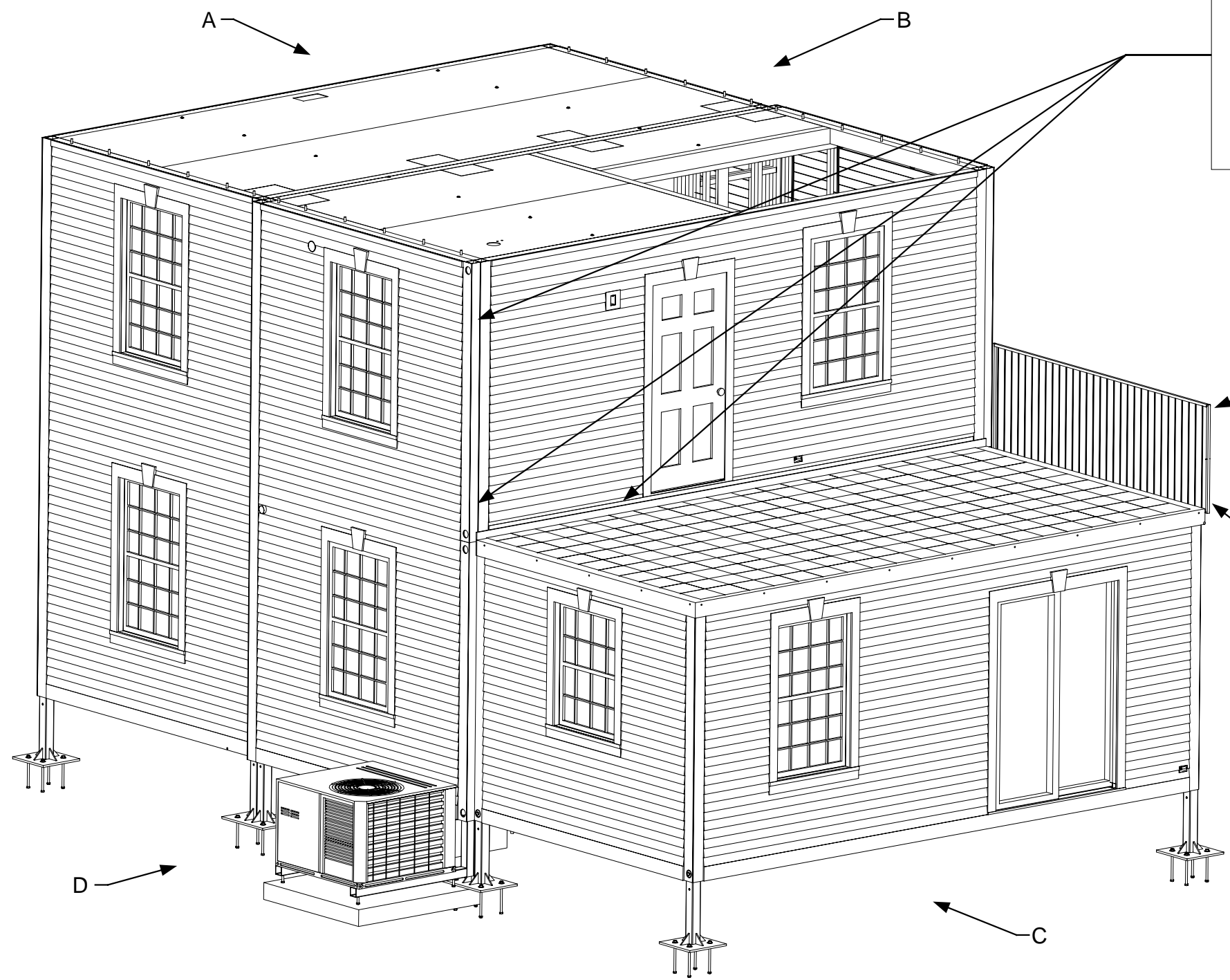


DRAWING

Manufacturing
Cell C
View C & D
Assembly-Cell
Installation-Deck
cap
Detail 4

MODEL(S): Hartford

PAGE 129J



FIELD NOTES

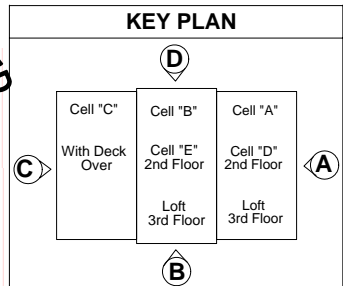
Flashing Notes
Deck cap has flashing built into it.
Apply on flashing 4 passes of Uniroyal Silaprene adhesive sealant. Excess sealant will squeeze out after bolting cap takes place. Remove excess sealant from edge. Sealant is colored the same as home.

FIELD NOTES

Bolt deck rail on to cell

FIELD NOTES

Deck cap fasteners Grade 5 Bolts
1/4" x 3" with spacers.
Torque to minimum of 5 ft lbs.



DRAWING

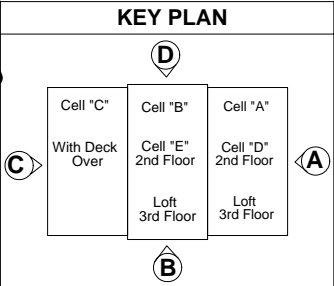
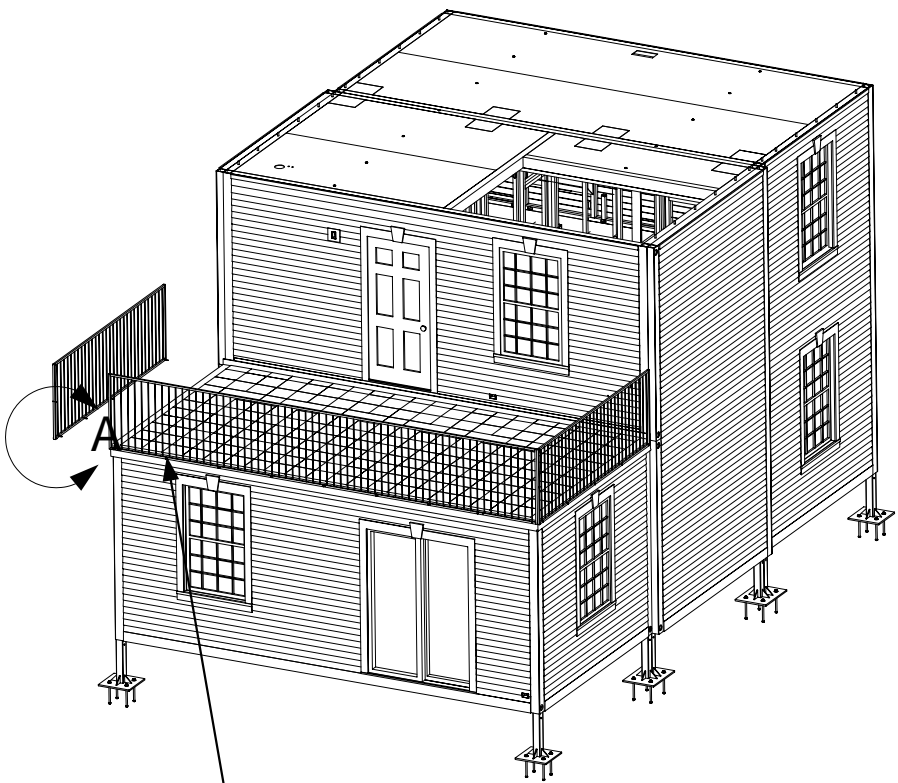
Manufacturing
Cell C
View C & D
Assembly-Cell
Installation-Deck
cap
Detail 5

MODEL(S): Hartford

PAGE 130J

FIELD NOTES
Place sealant on bolts before installation.

FIELD NOTES
Deck cap & Hand Rail fasteners Grade 5 Bolts 1/4"x3" with spacers. Torque to minimum of 5 ft lbs.

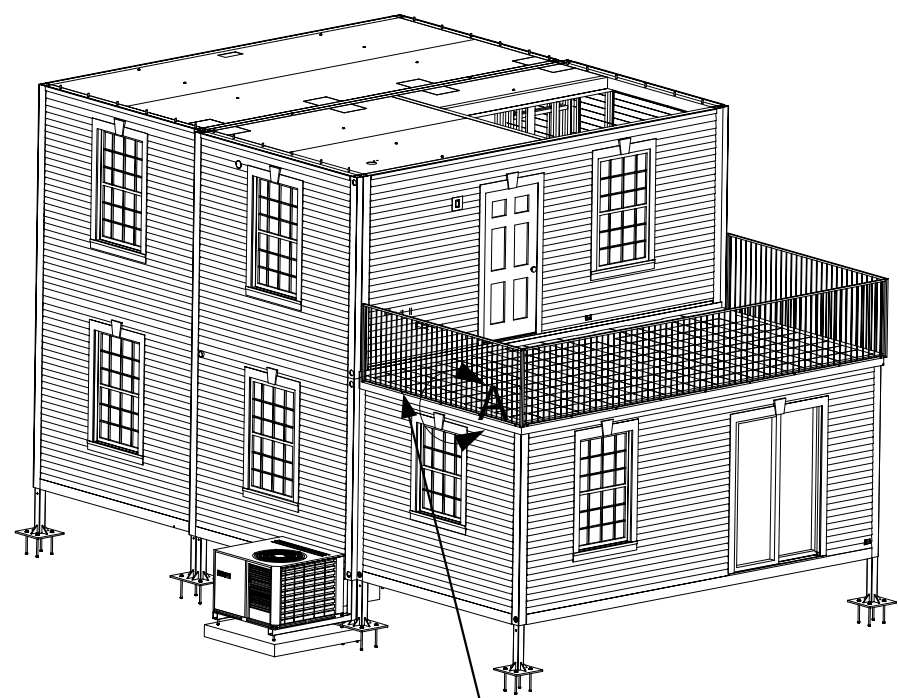
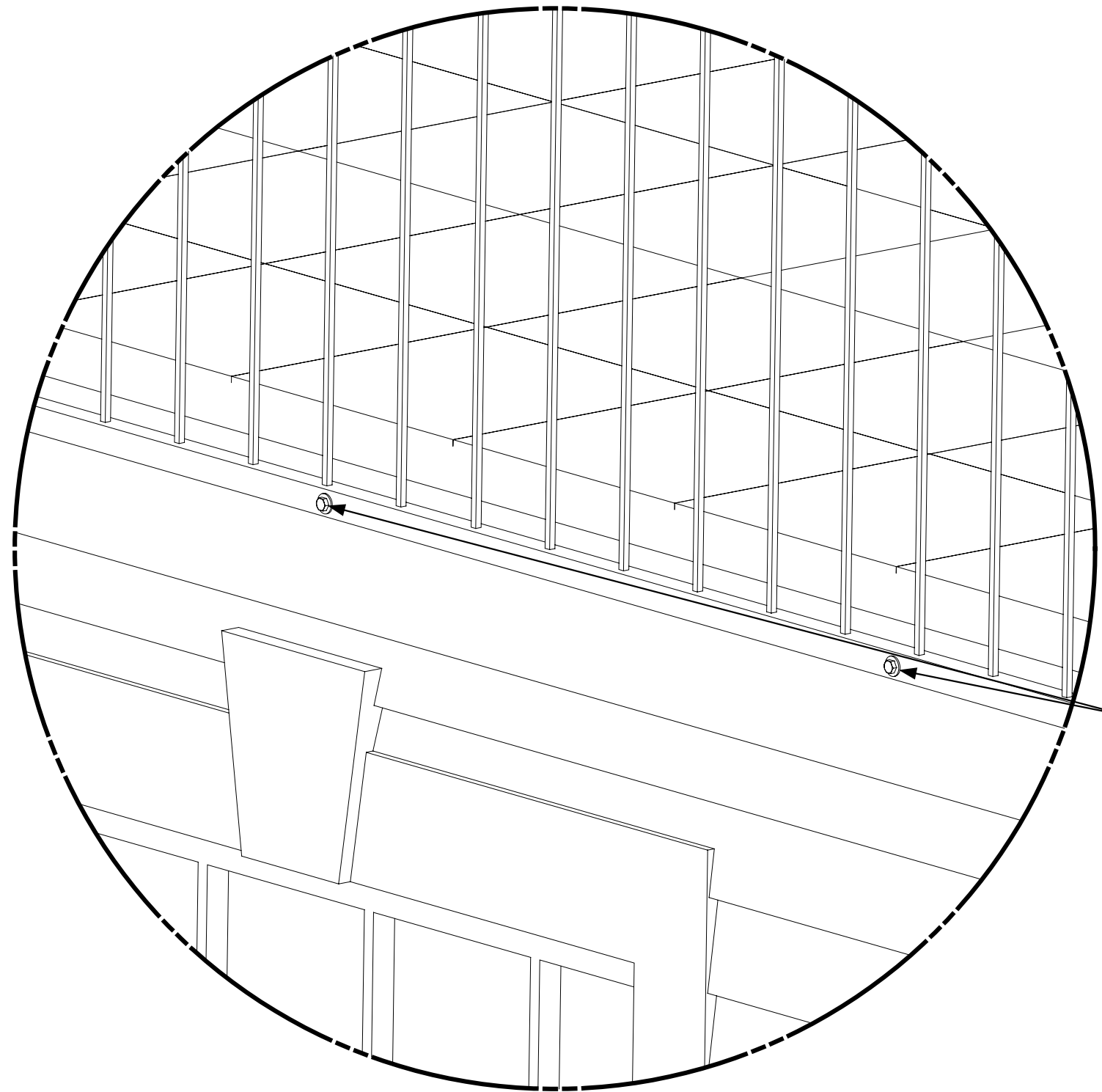


DRAWING

Manufacturing
Cell C
View B & C
Assembly-Cell
Installation-Deck
cap
Detail 6

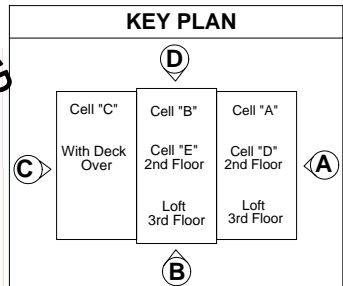
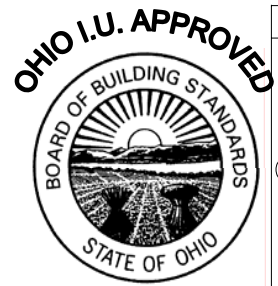
MODEL(S): Hartford

PAGE 131J



FIELD NOTES

Deck cap fasteners Grade 5 bolts 1/4" x 3"
with spacers.
Torque to minimum of 5 ft lbs.

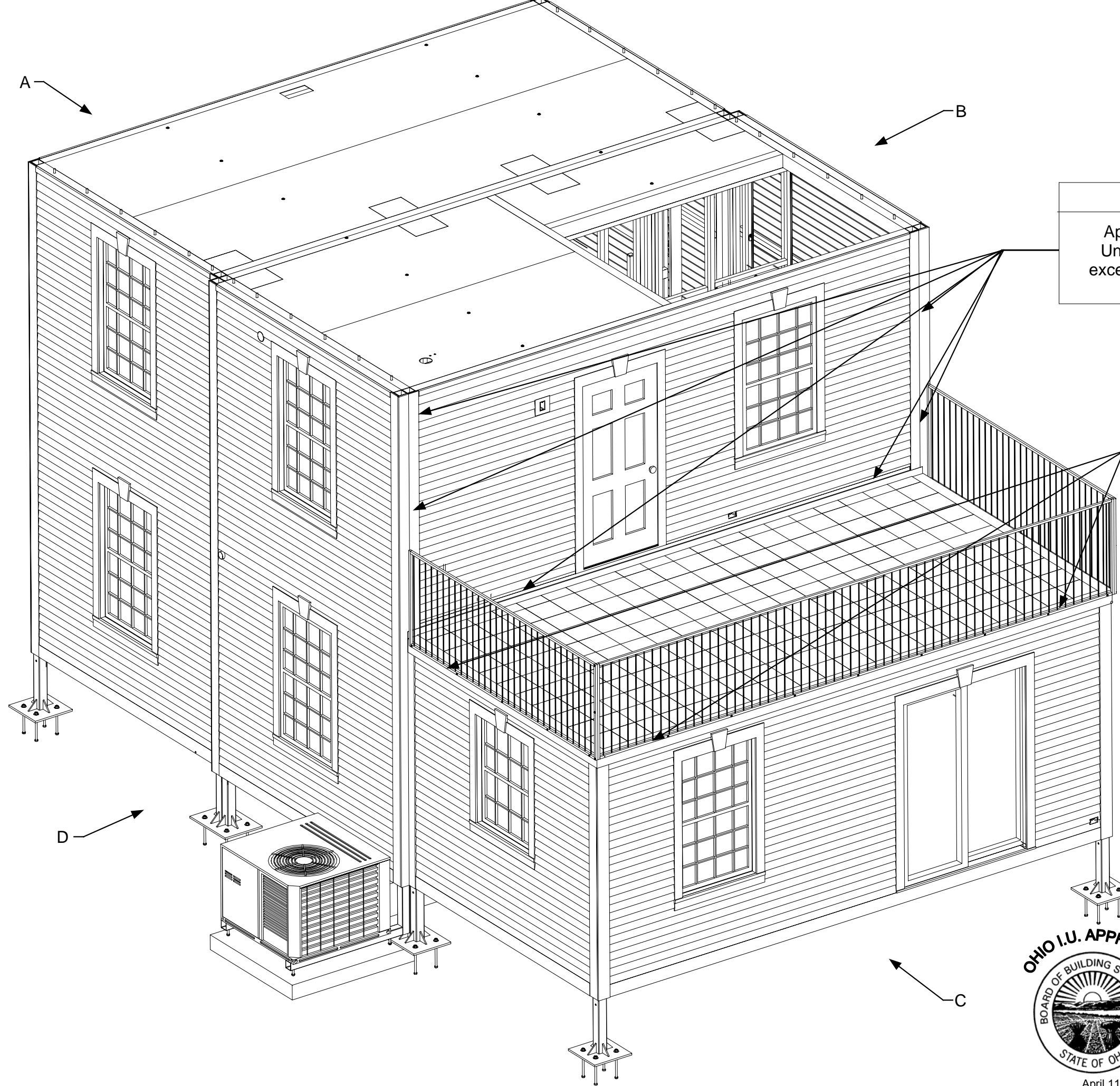


DRAWING

Manufacturing
Cell C
View C & D
Assembly-Cell
Installation-Deck
cap
Detail 7

MODEL(S): Hartford

PAGE 132J

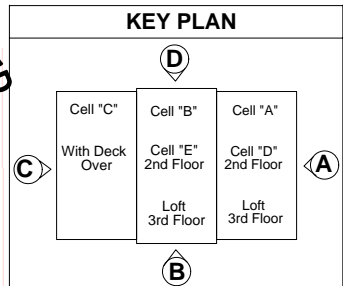


FIELD NOTES

Apply sealant on edges of finished trim using Uniroyal Silaprene adhesive sealant. Remove excess sealant from edge. Sealant is colored the same as home.

FIELD NOTES

Deck cap fasteners Grade 5 Bolts 1/4"x3" with spacers. Torque to minimum of 5ft lbs.

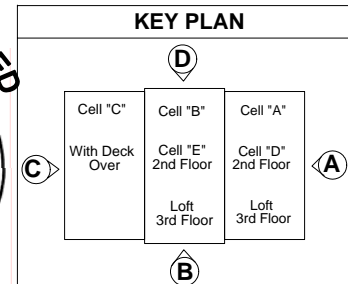
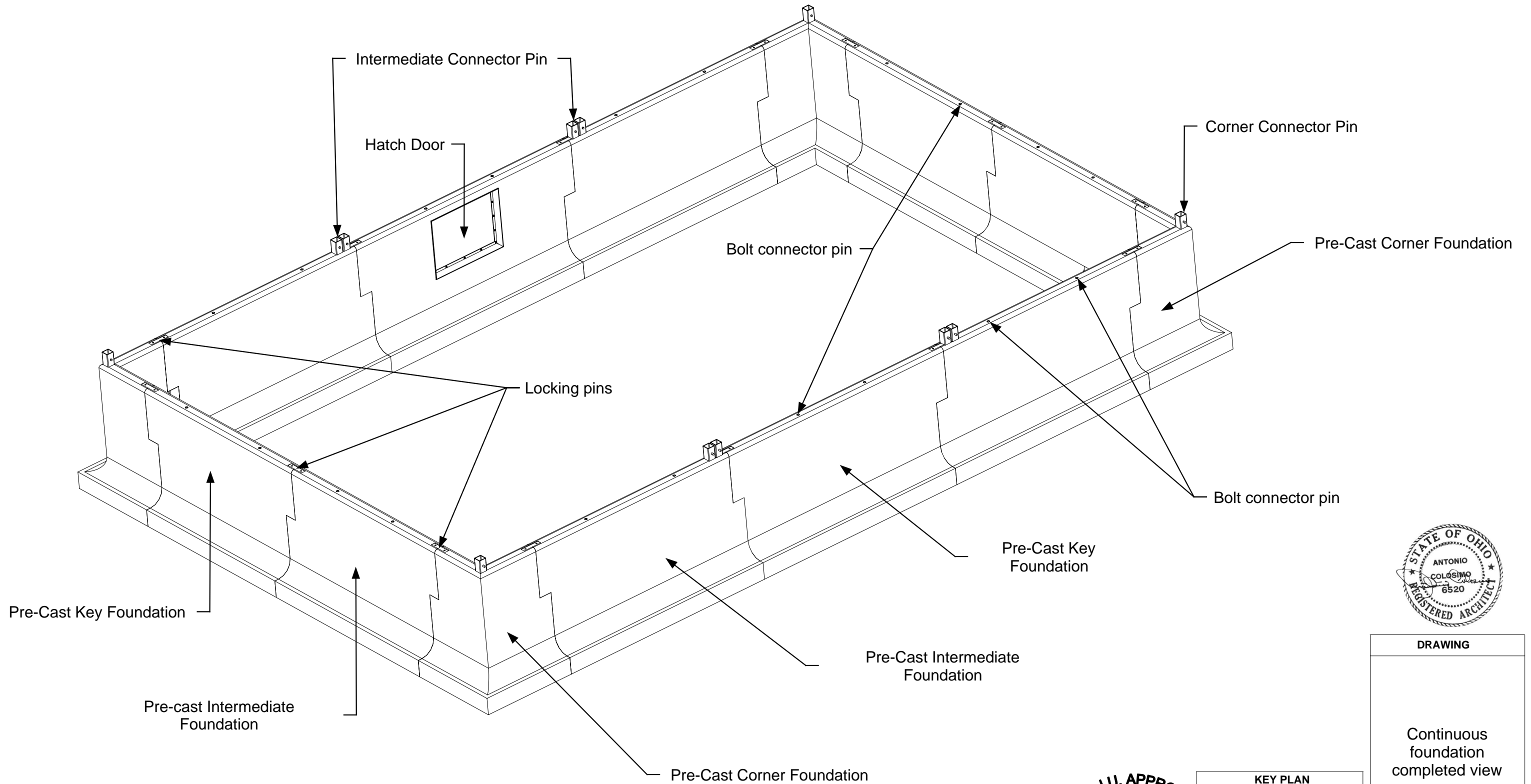


DRAWING

Manufacturing
Cell C
View C & D
Assembly-Cell
Installation- Deck
cap
Detail 8

MODEL(S): Hartford

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April 11, 2006
PDG Domus 060323-1

DRAWING

Continuous
foundation
completed view

MODEL(S): Hartford

PAGE134

Continuous bell foot foundation
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

1G,5G,6G,7G,8G,9G,12G,17G,26G

DRAWING

Continuous
bell foot
foundation
Architectural plan

MODEL(S): Hartford

PAGE 134A

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

April 11, 2006

PDG Domus 060323-1

KEY PLAN

Cell "C"

With Deck
Over

Cell "B"

Cell "E"
2nd Floor

Loft
3rd Floor

Cell "A"

Cell "D"
2nd Floor

Loft
3rd Floor

D

C

A

B

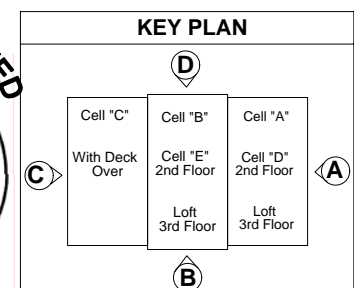
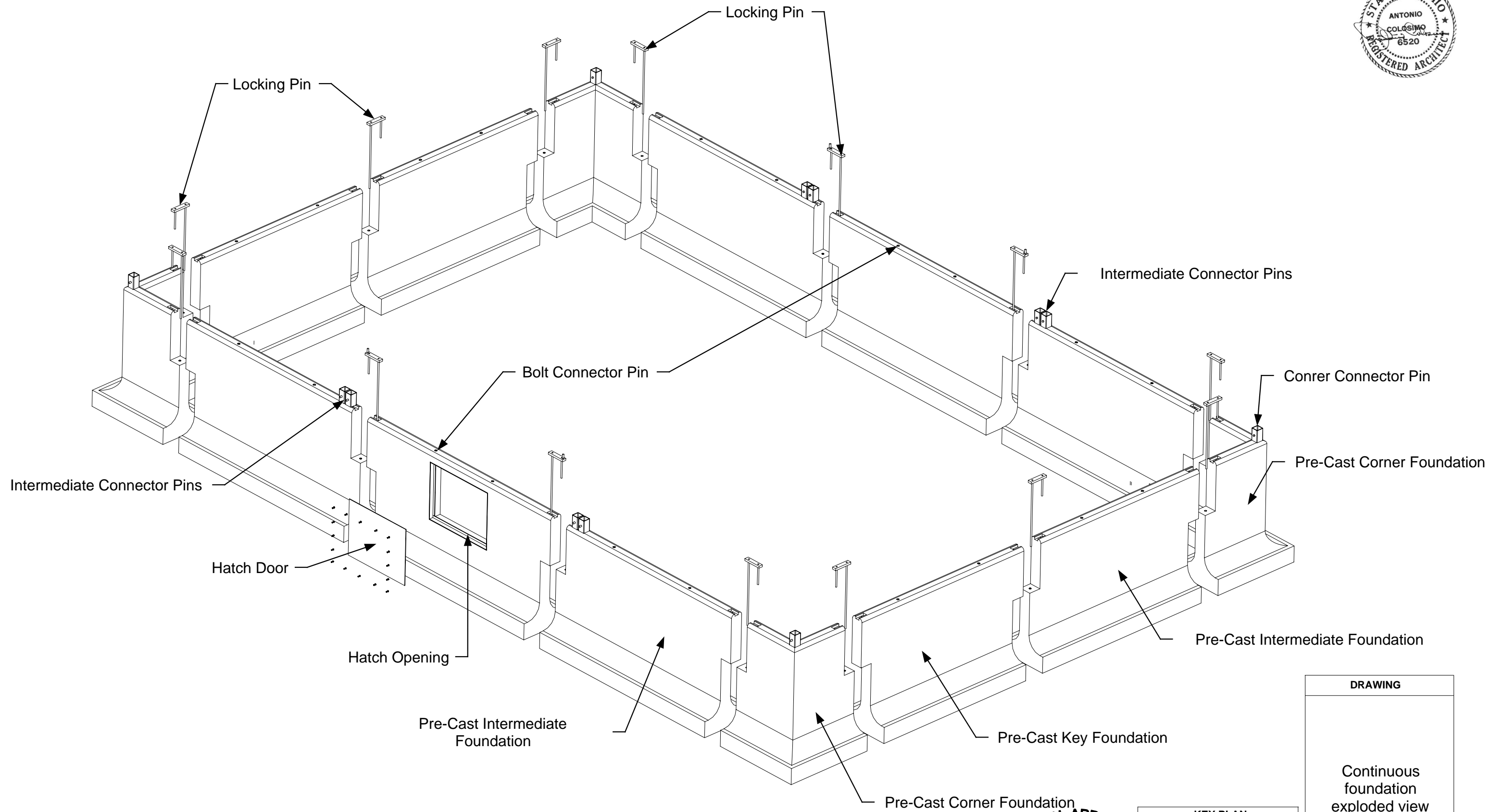
STATE OF OHIO

ANTONIO

COLOSIMO

6520

REGISTERED ARCHITECT



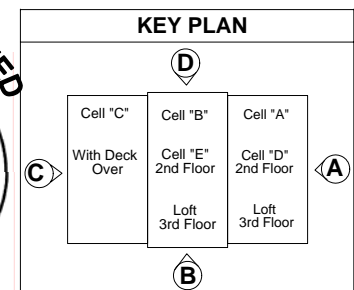
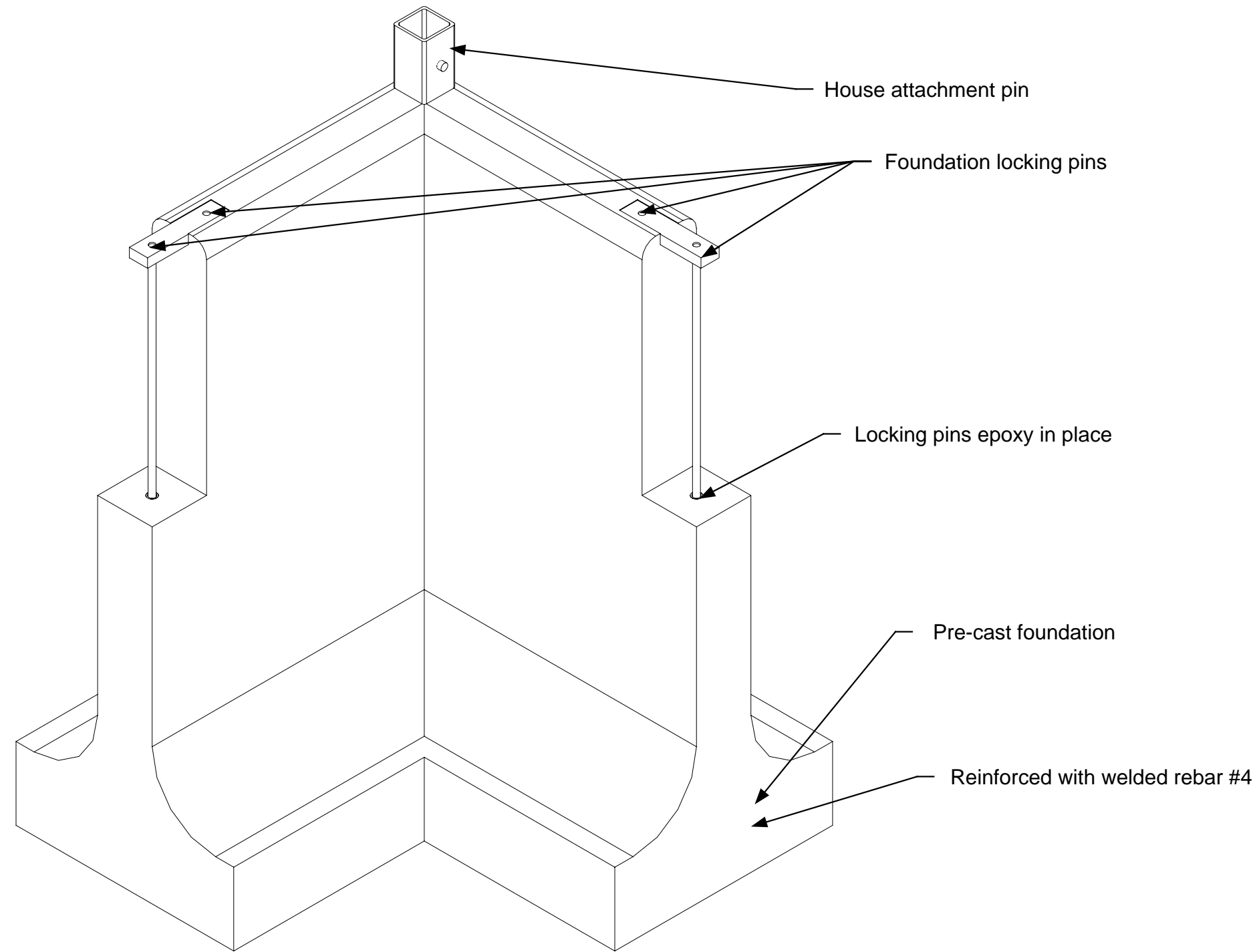
April 11, 2006
PDG Domus 060323-1

DRAWING

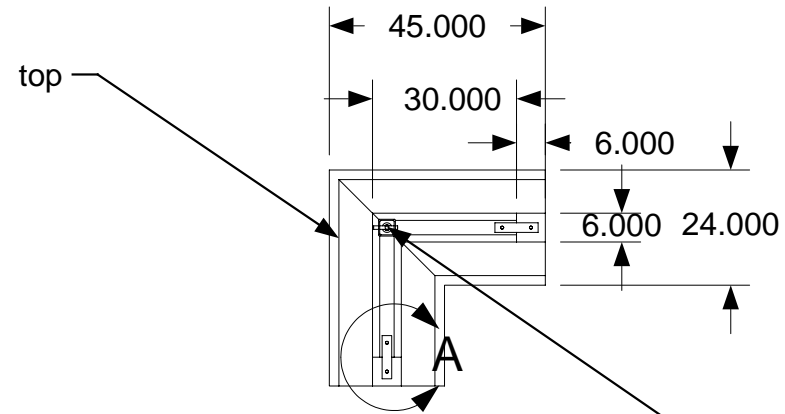
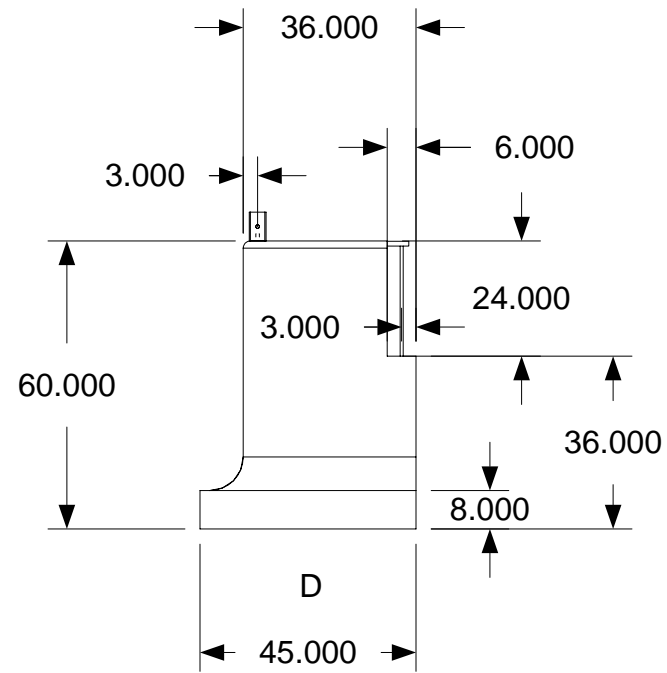
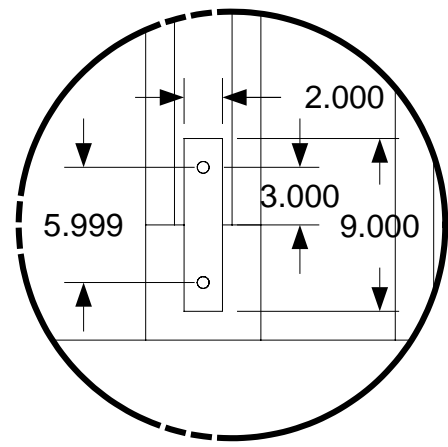
Continuous
foundation
exploded view

MODEL(S): Hartford

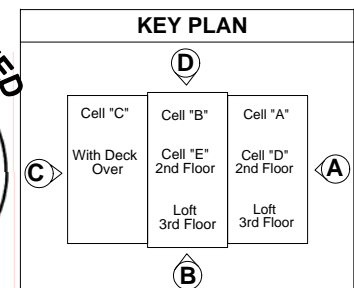
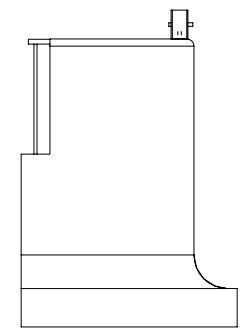
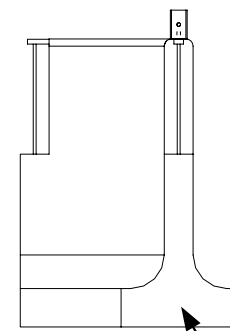
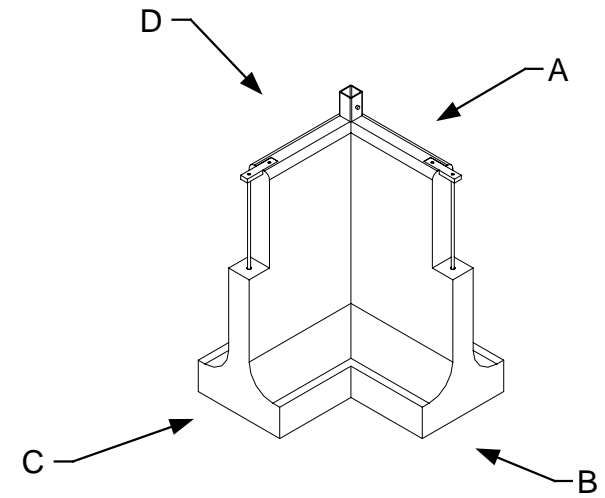
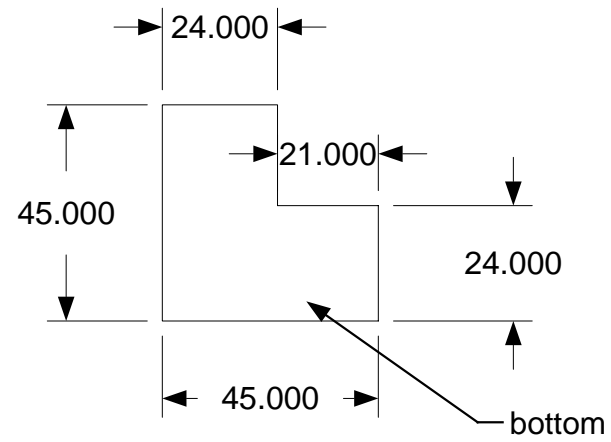
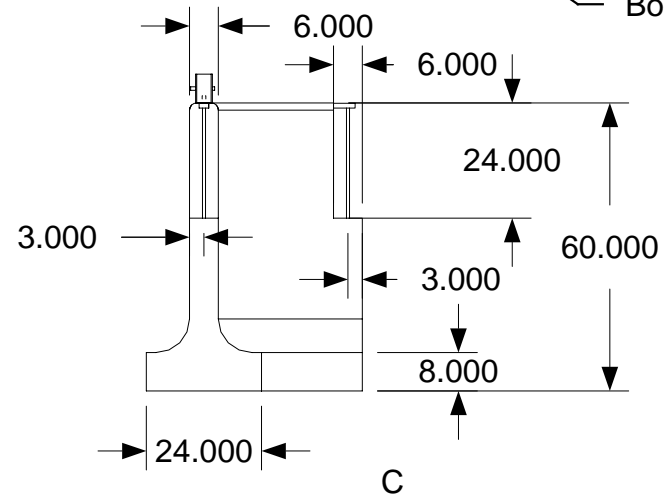
PAGE 135



DRAWING
Continuous bellfoot foundation Corner section Part Identification
MODEL(S): Hartford
PAGE 136



Bolts to foundation 3/4" grade #5



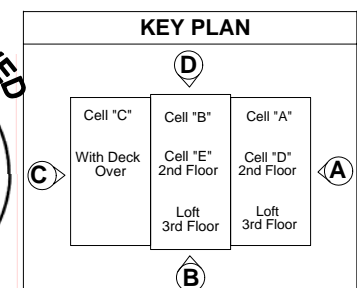
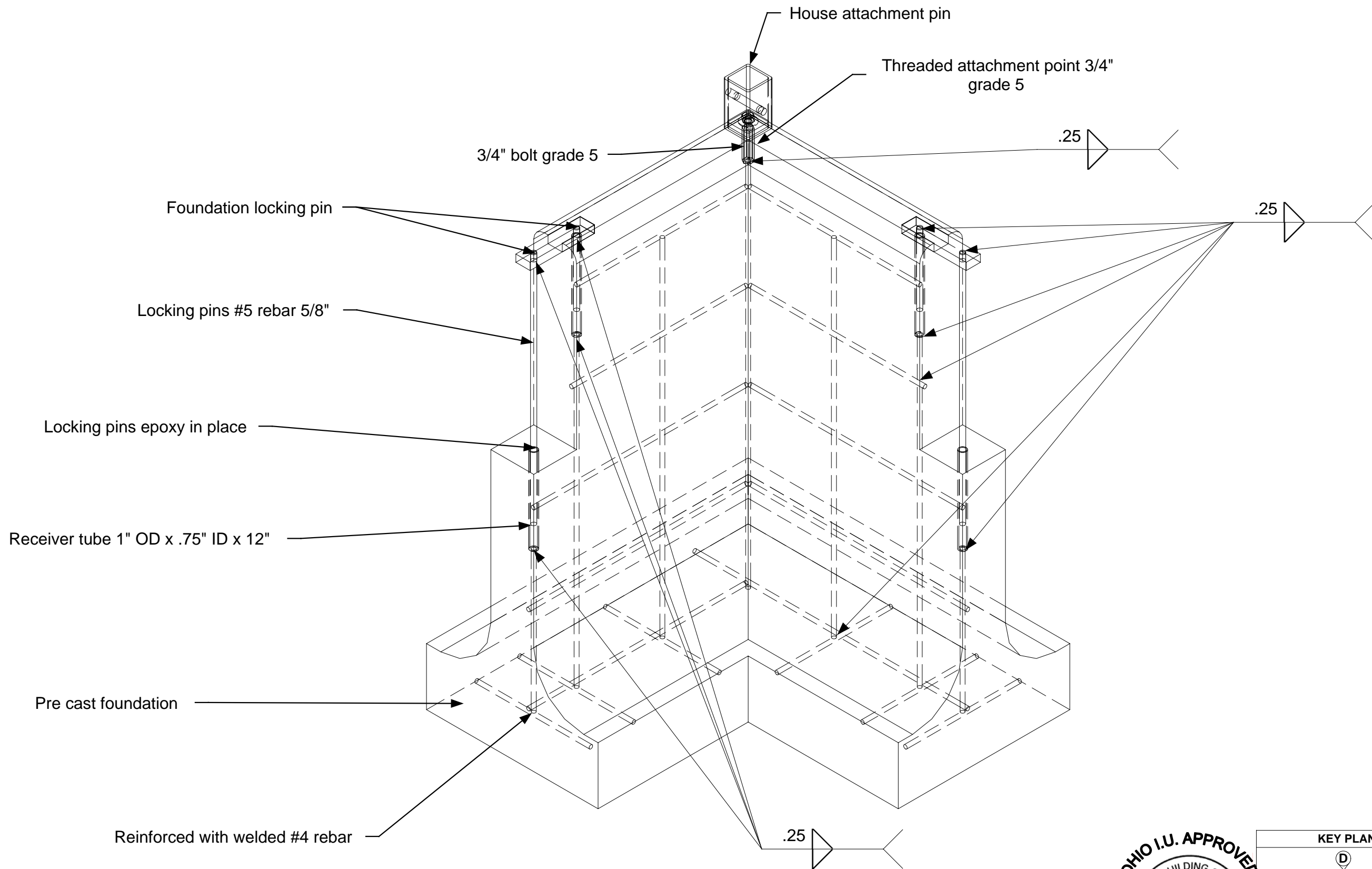
April 11, 2006
PDG Domus 060323-1

DRAWING

Continuous bellfoot
foundation
Corner
section

MODEL(S): Hartford

PAGE137

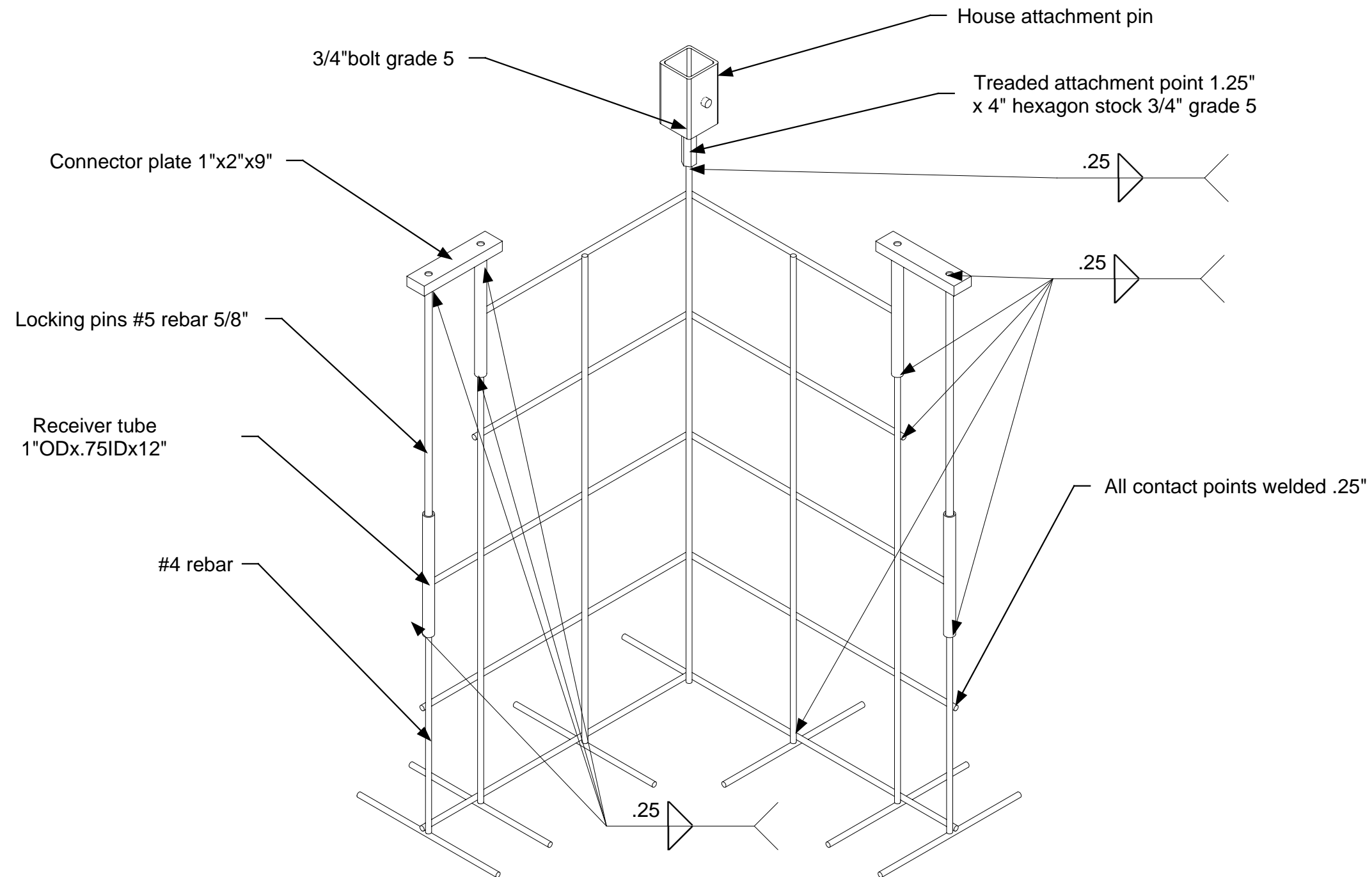


DRAWING

Continuous bellfoot
foundation
Corner section
see through view

MODEL(S): Hartford

PAGE 138

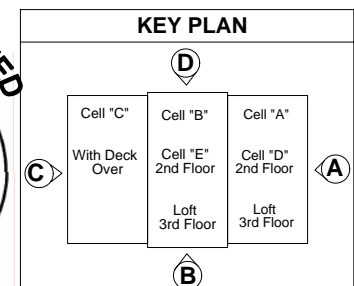


DRAWING

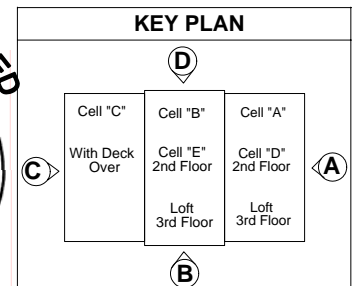
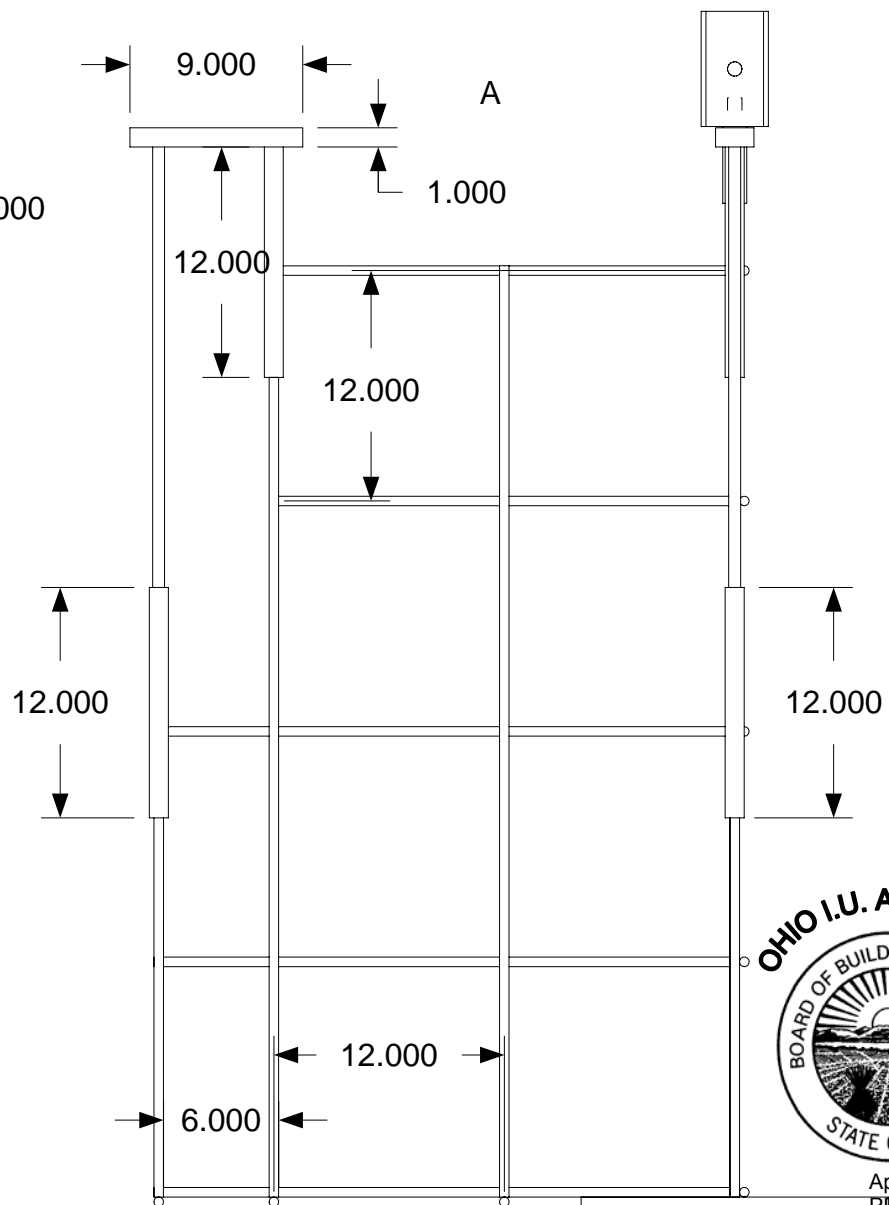
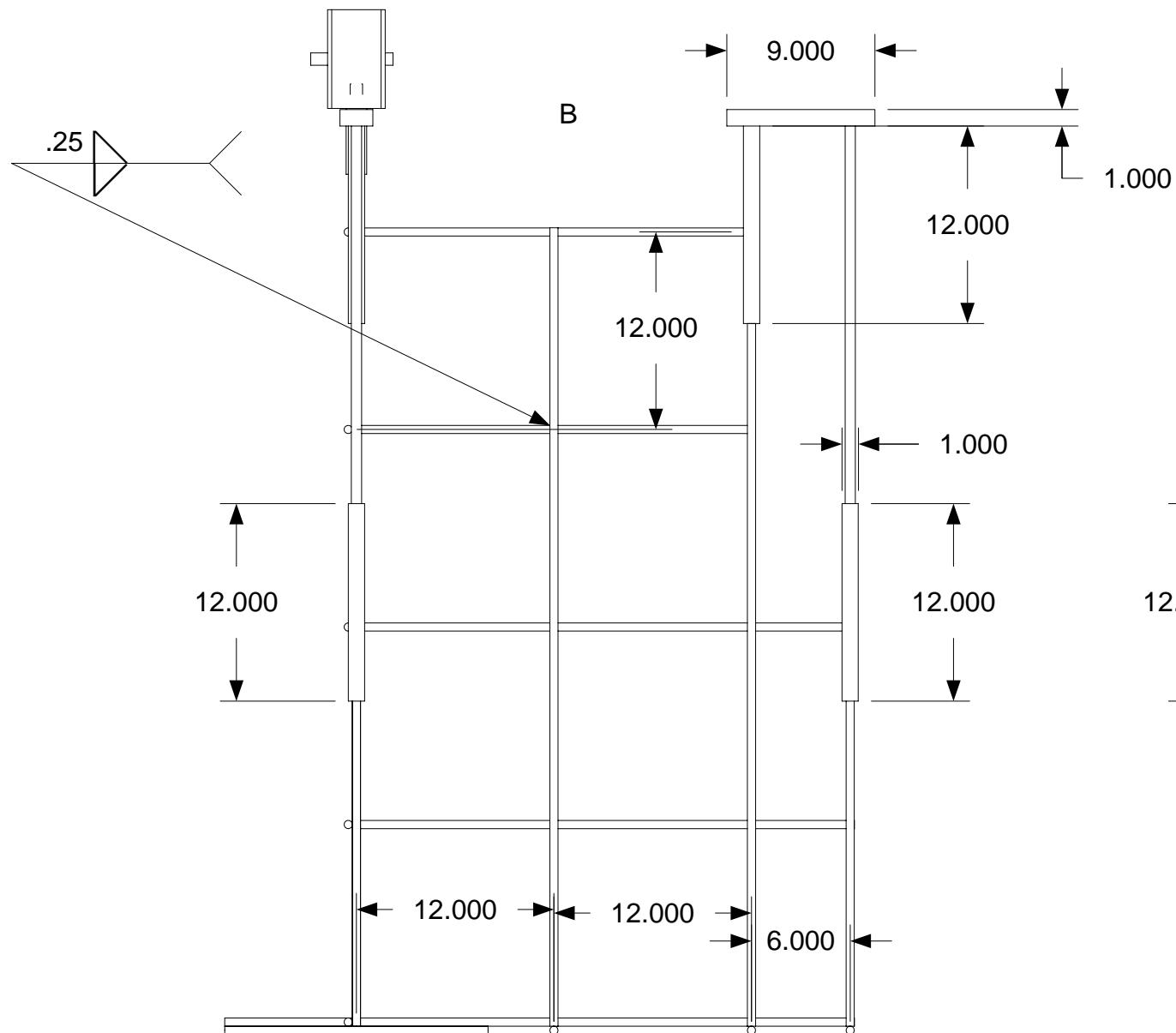
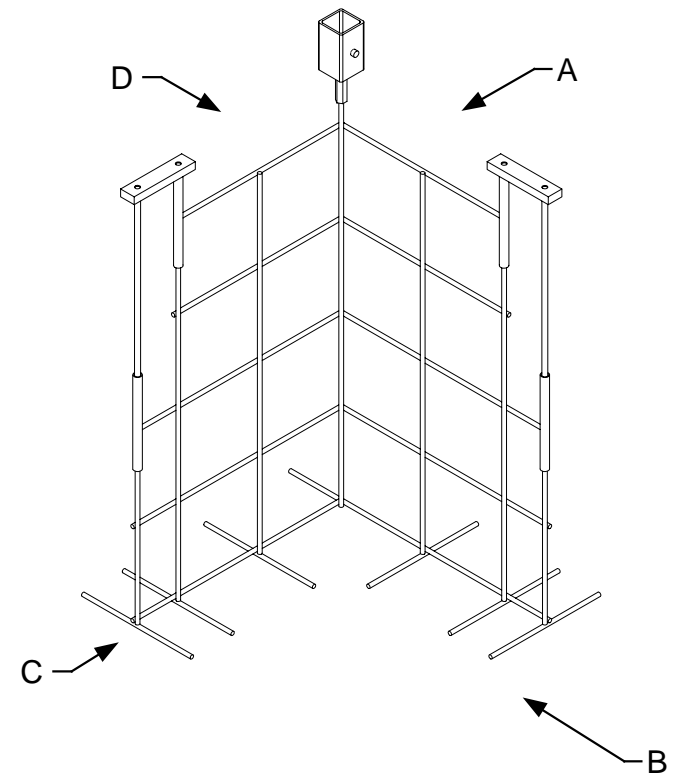
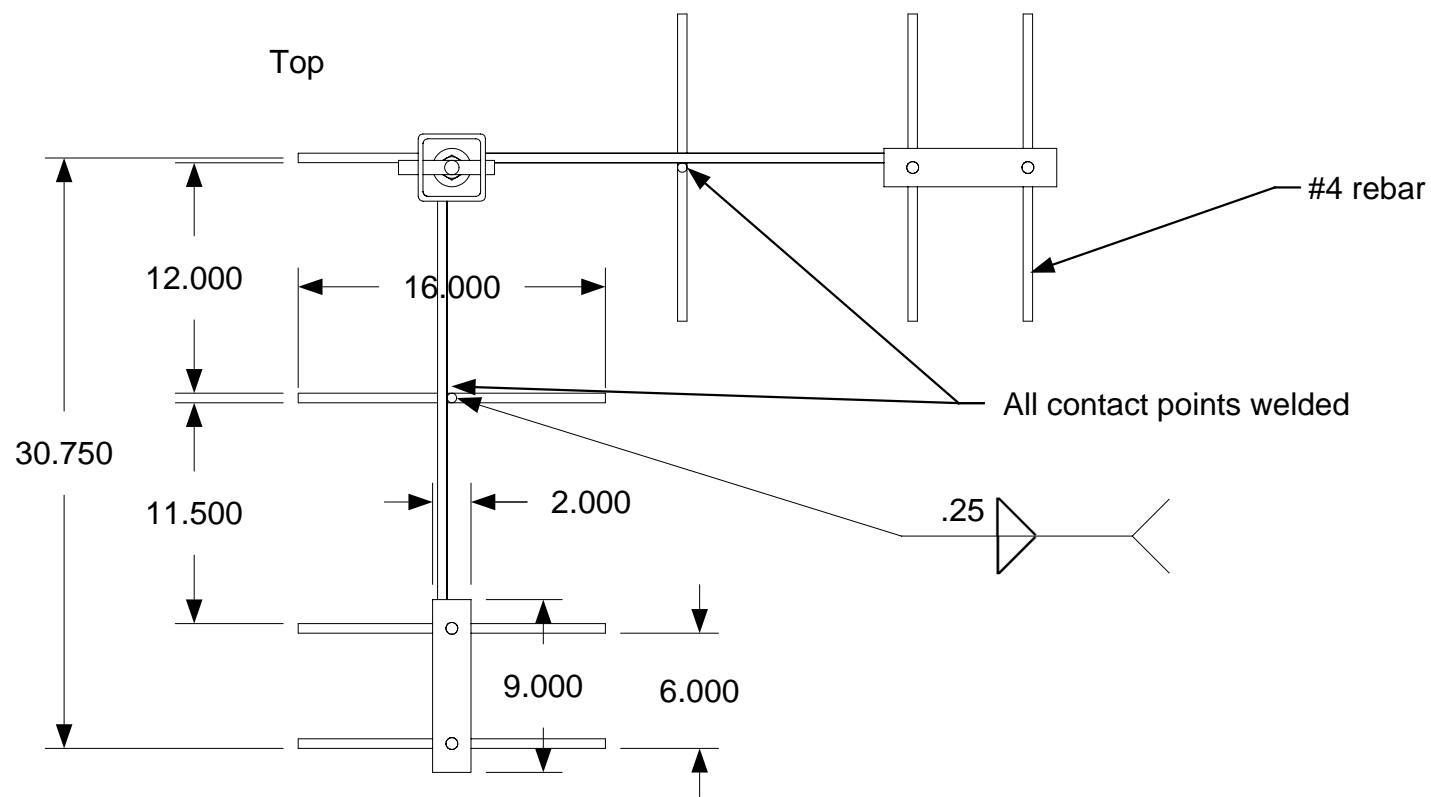
Continuous bellfoot
foundation
Corner section
reinforcement

MODEL(S): Hartford

PAGE 139



April 11, 2006
PDG Domus 060323-1

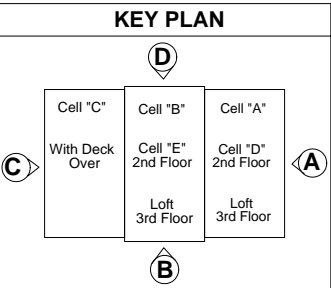
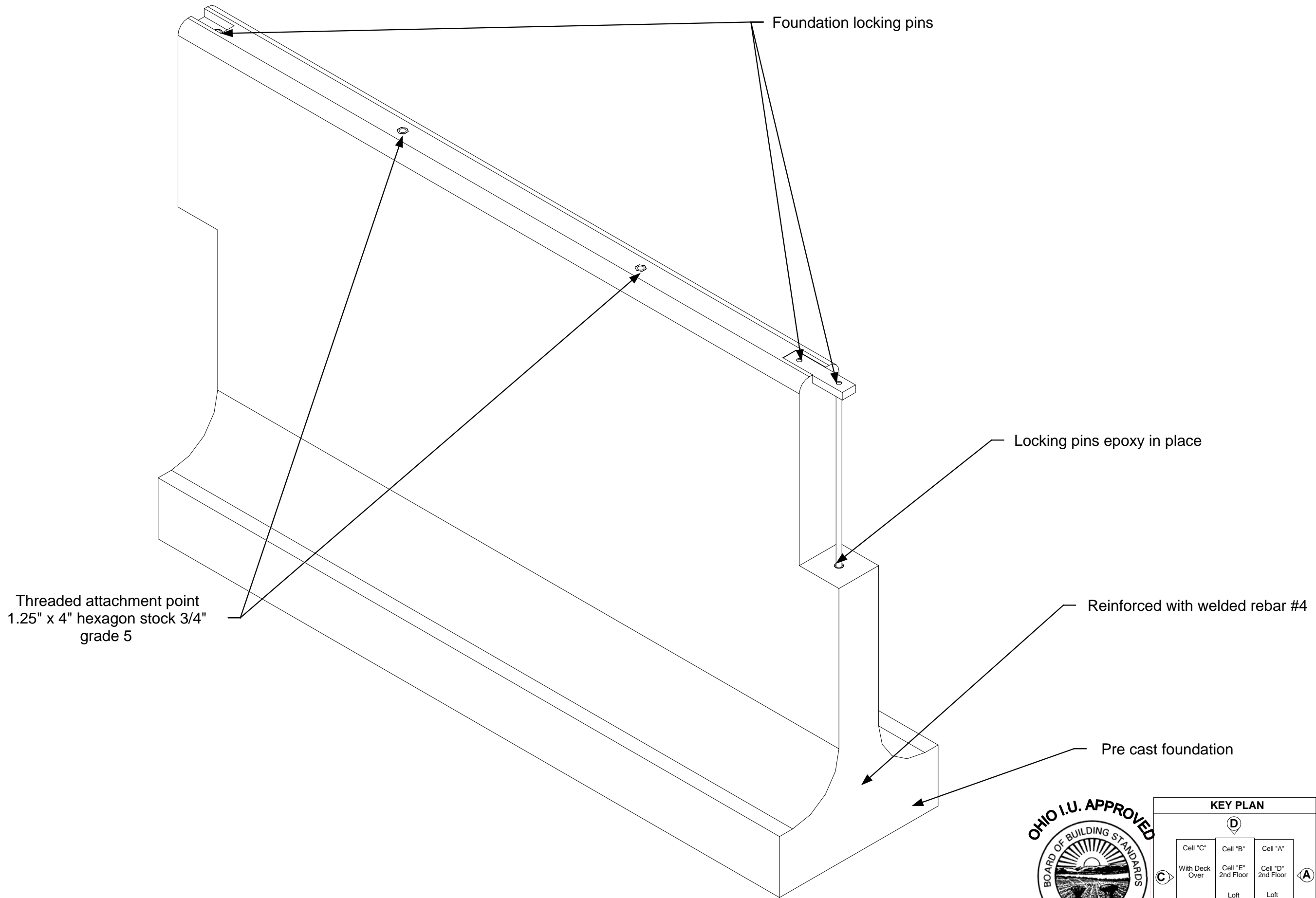


DRAWING

Continuous bellfoot foundation
Corner section
Reinforcement 2

MODEL(S): Hartford

PAGE 140

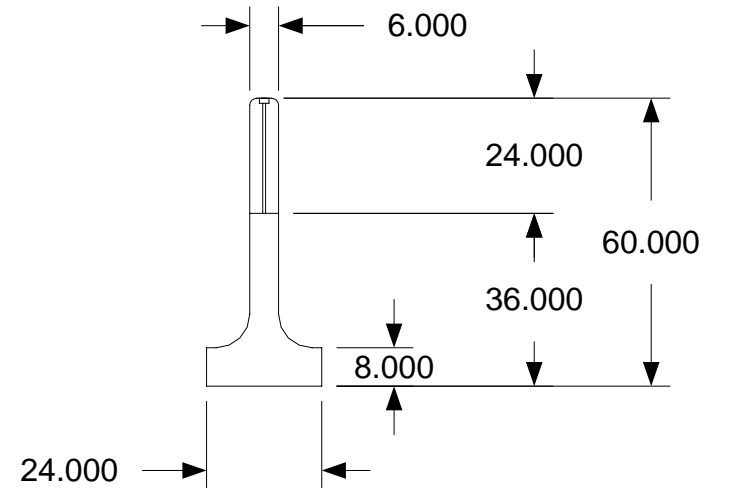
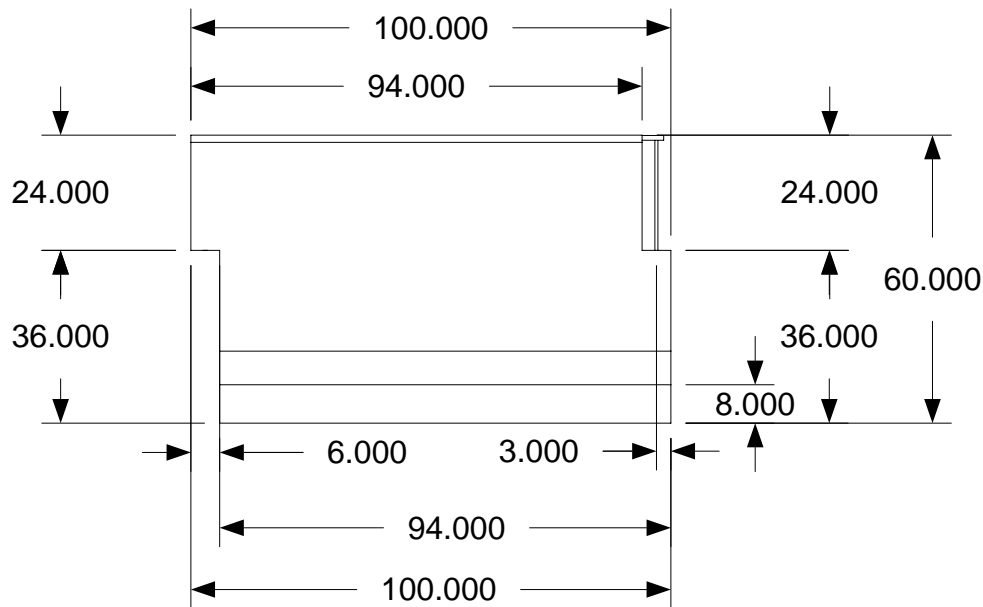
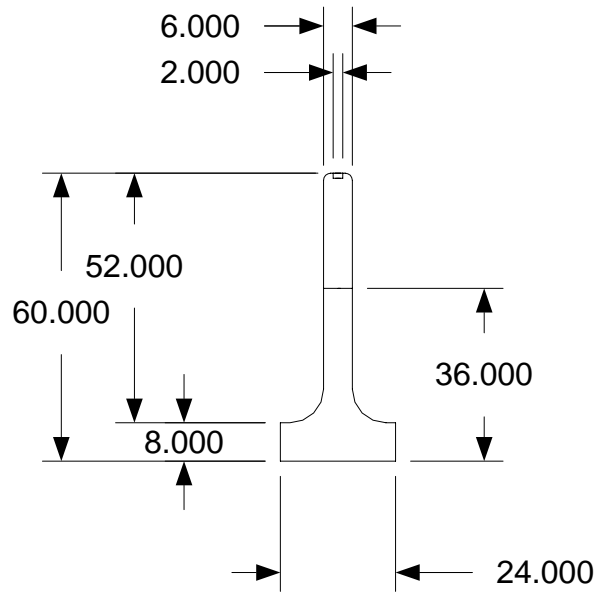
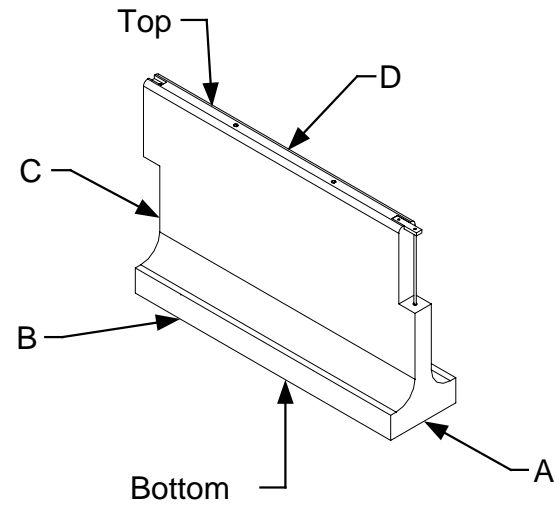
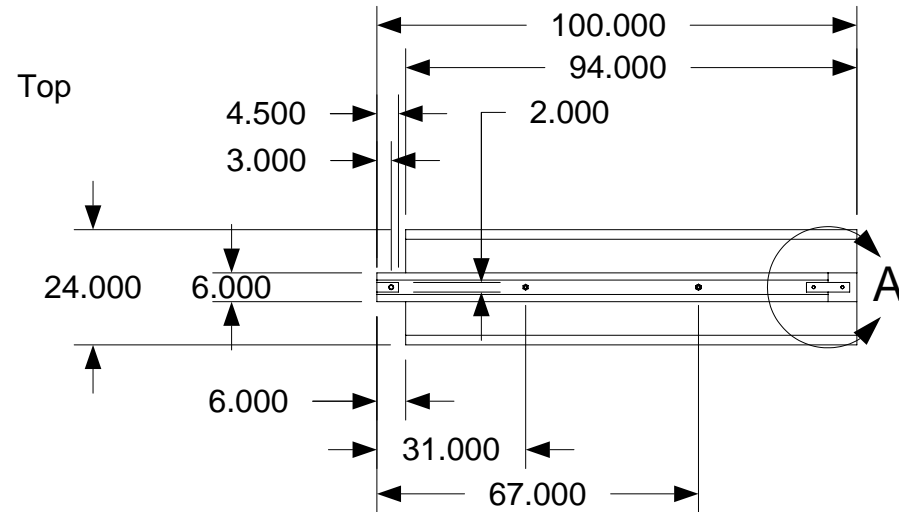
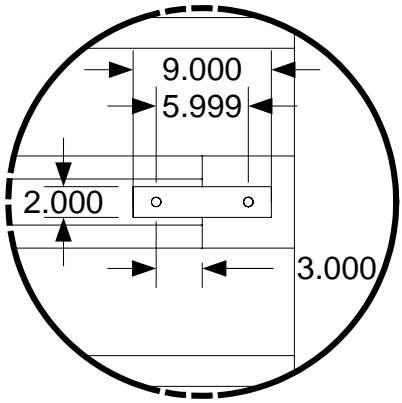


DRAWING

Continuous bellfoot
foundation
67-A section
Part Identification

MODEL(S): Hartford

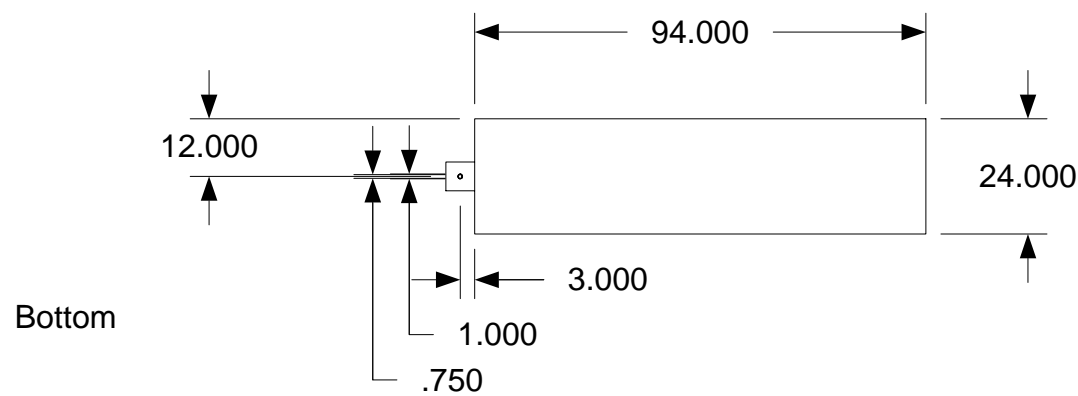
PAGE 141



C

B&D

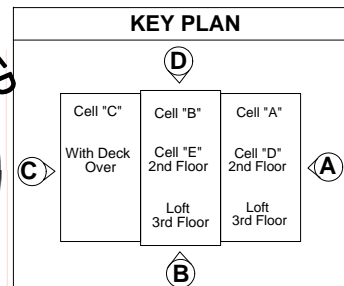
A



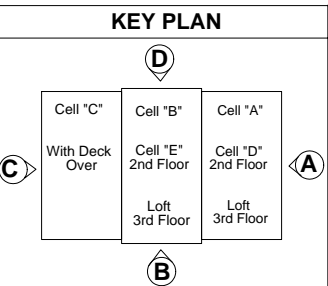
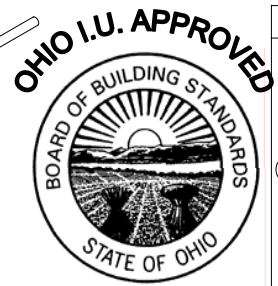
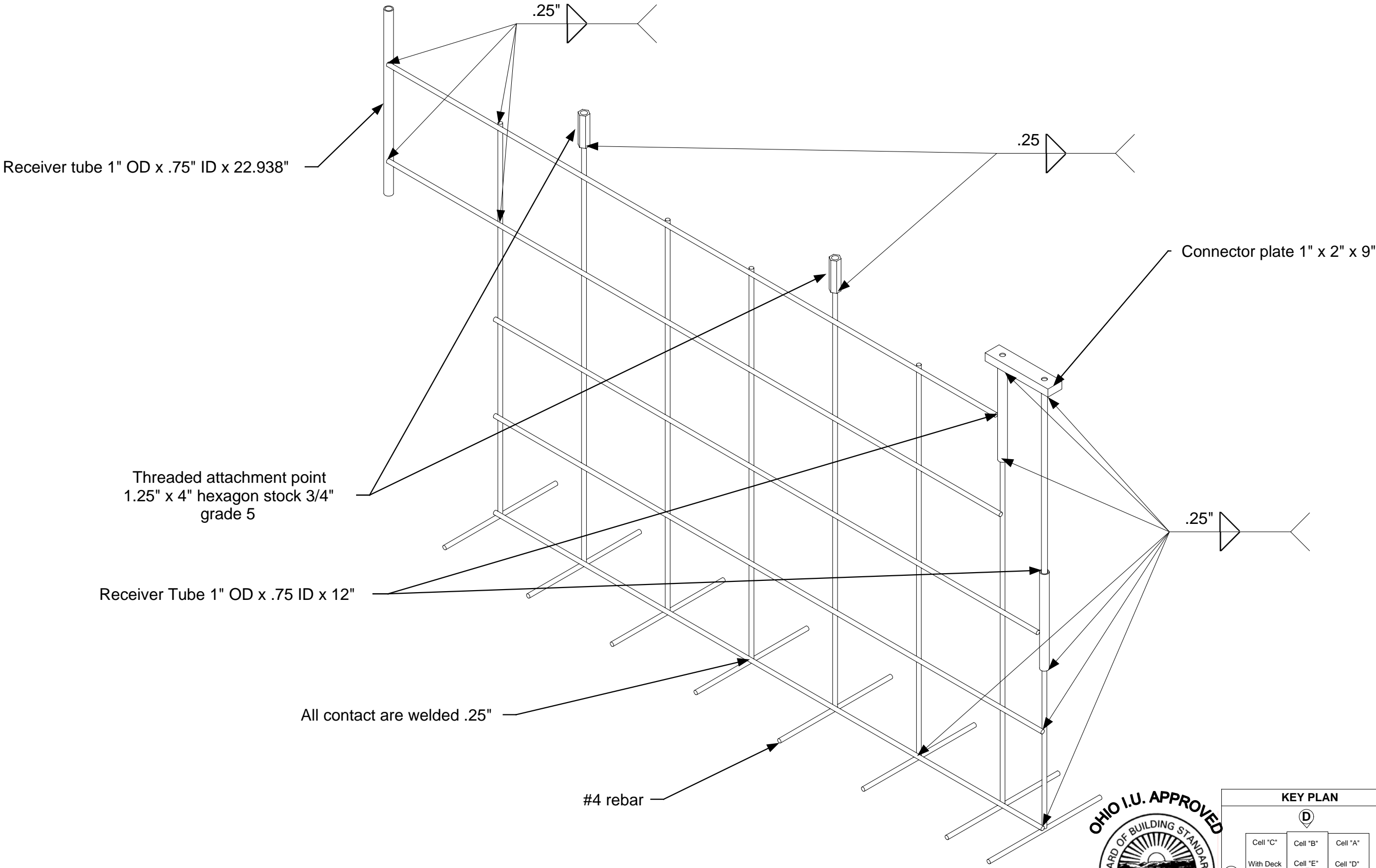
Bottom



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DRAWING	
Continuous bellfoot foundation Drafting 67-A section	
MODEL(S): Hartford	
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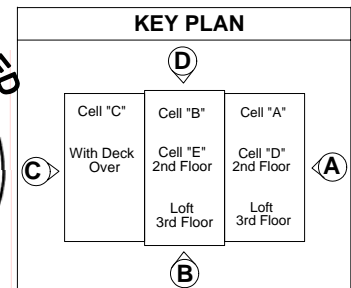
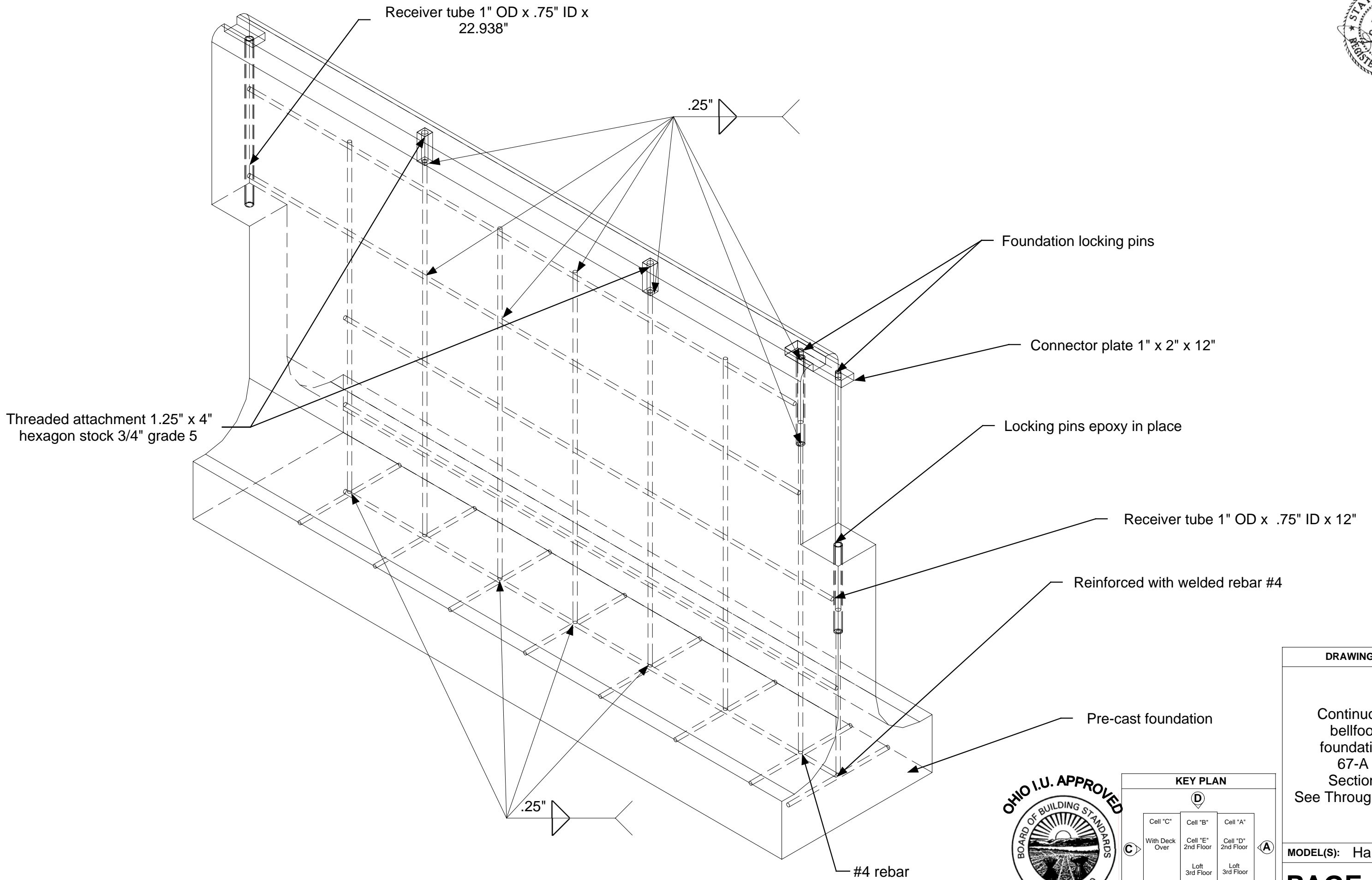


DRAWING

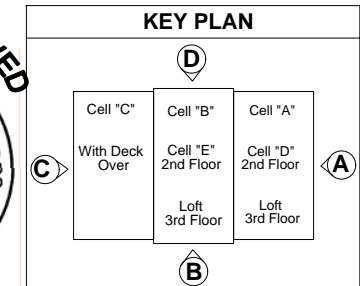
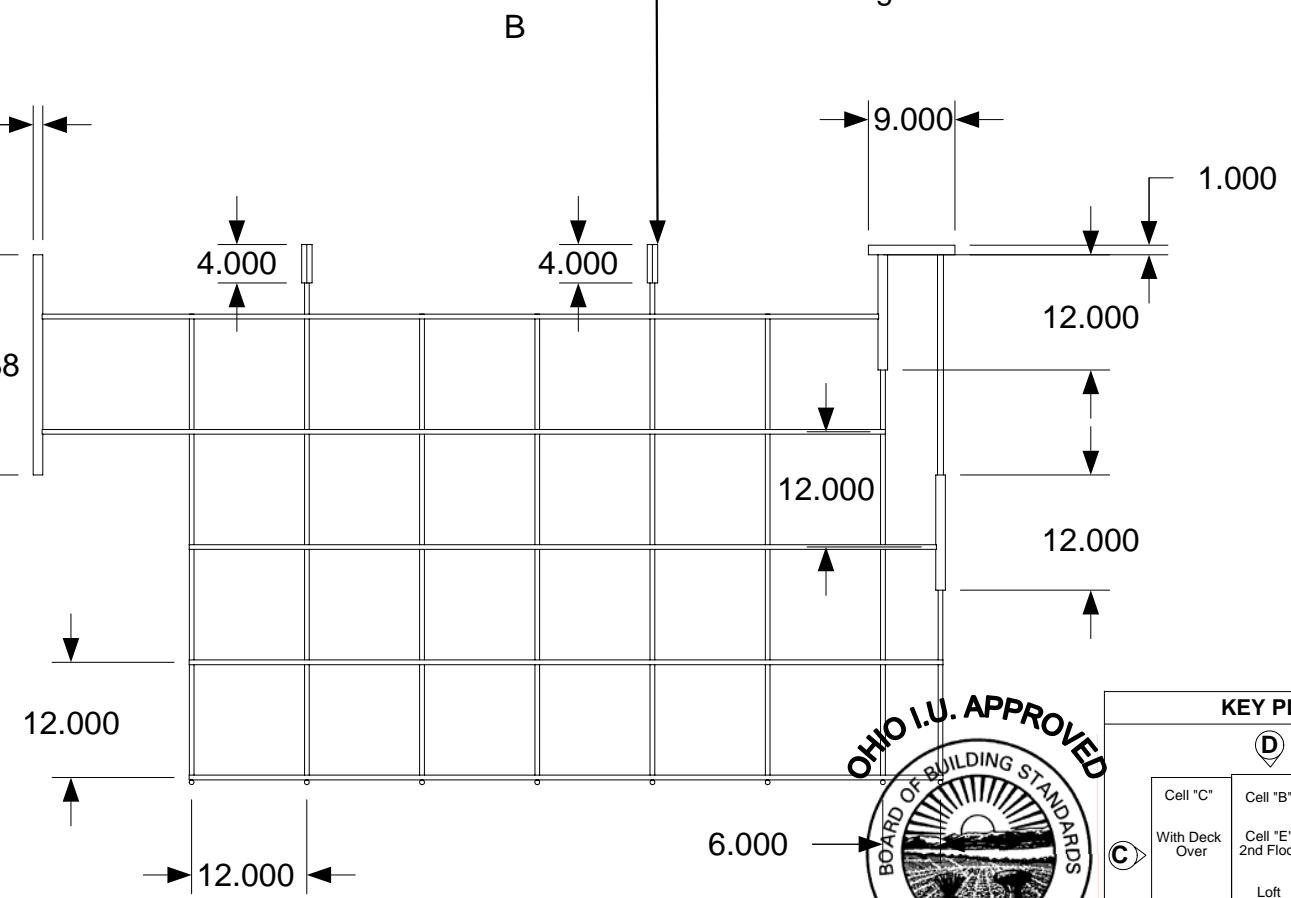
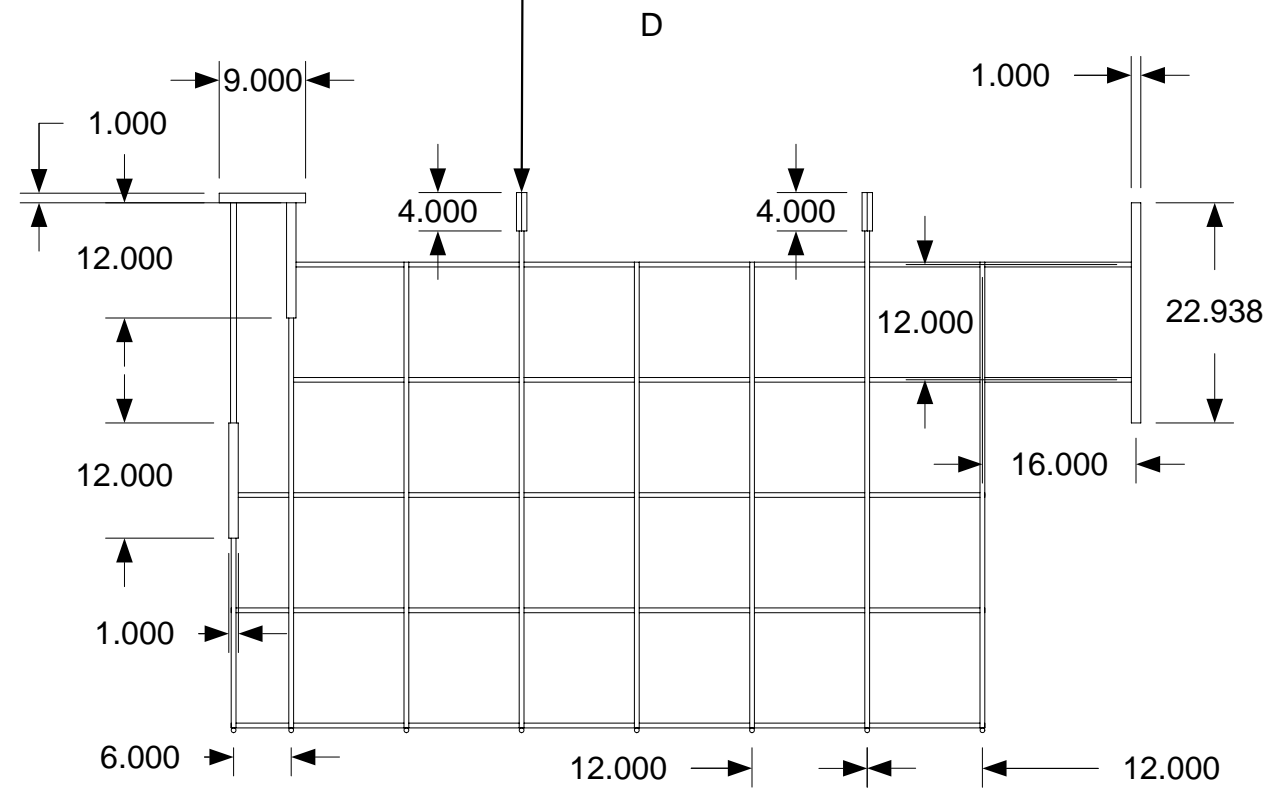
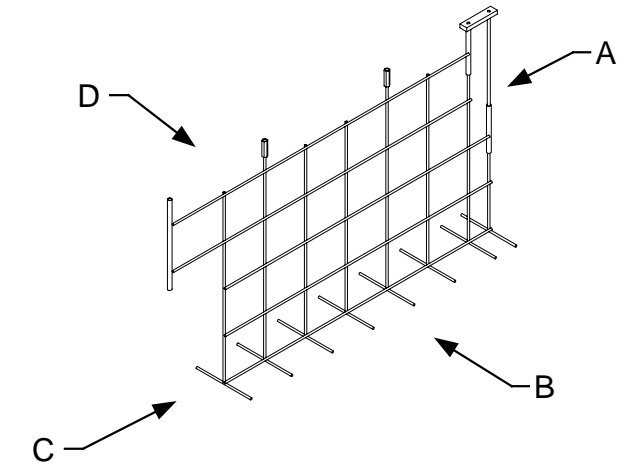
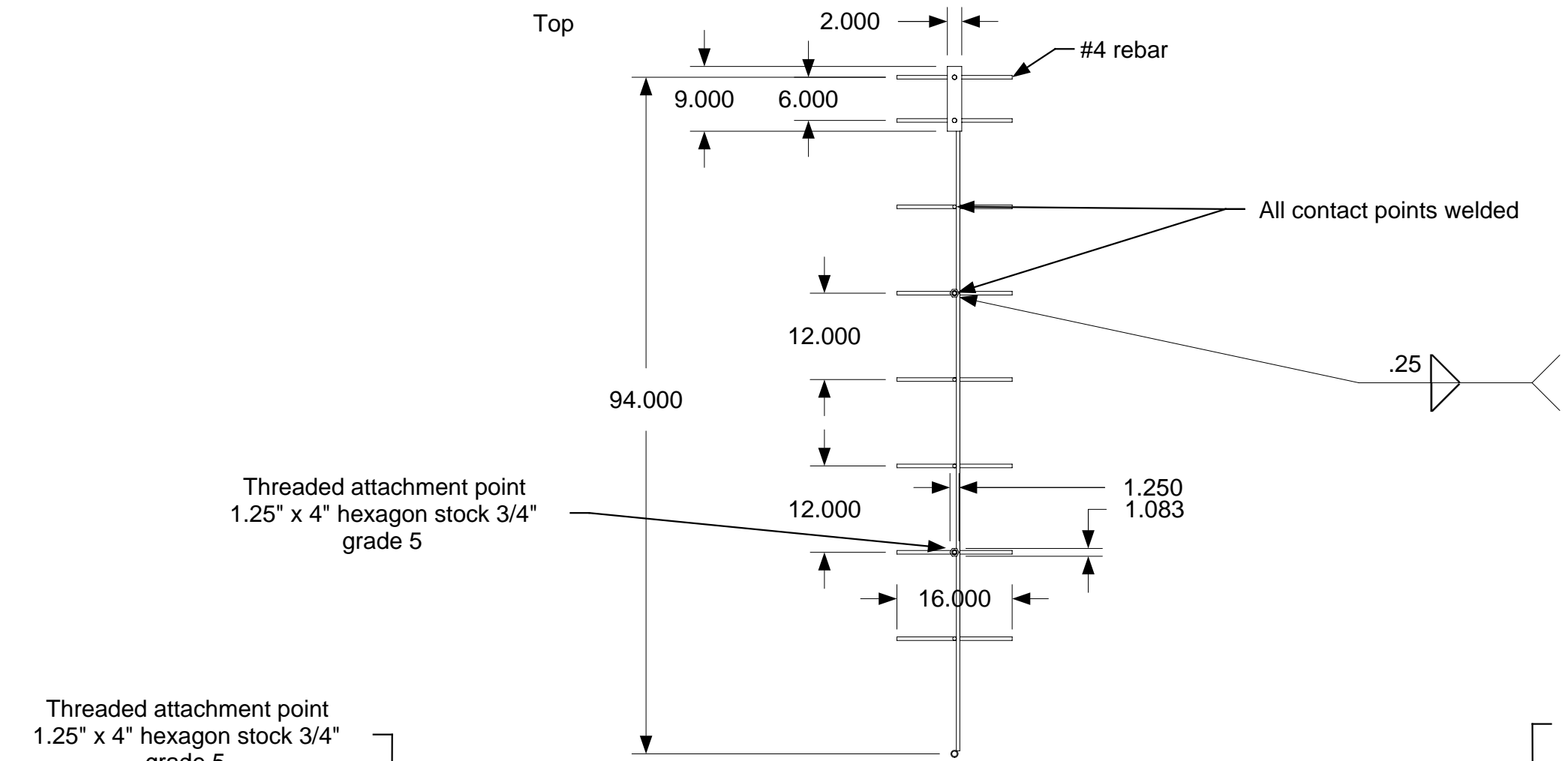
Continuous bellfoot foundation 67-A Section Reinforcements

MODEL(S): Hartford

PAGE 143



DRAWING
Continuous bellfoot foundation 67-A Section See Through View
MODEL(S): Hartford
PAGE 144

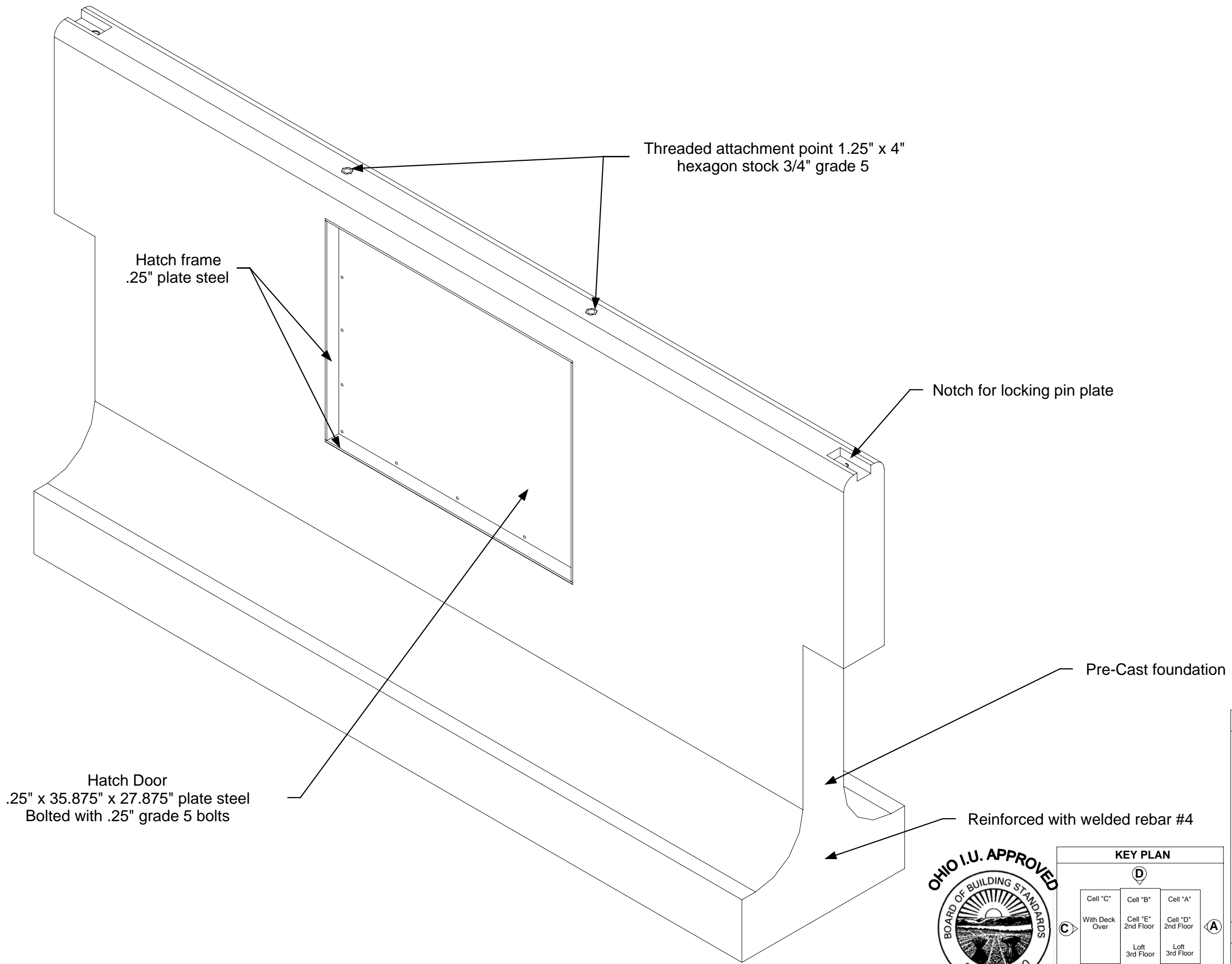


DRAWING

Continuous
bellfoot
foundation
67-A
Section
Reinforcement
Drafting

MODEL(S): Hartford

PAGE 145

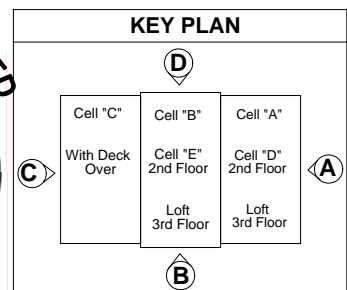


DRAWING

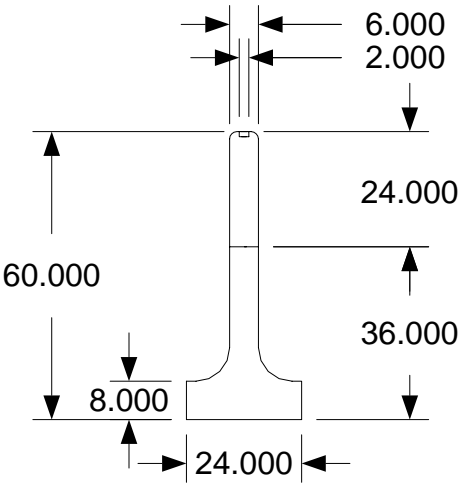
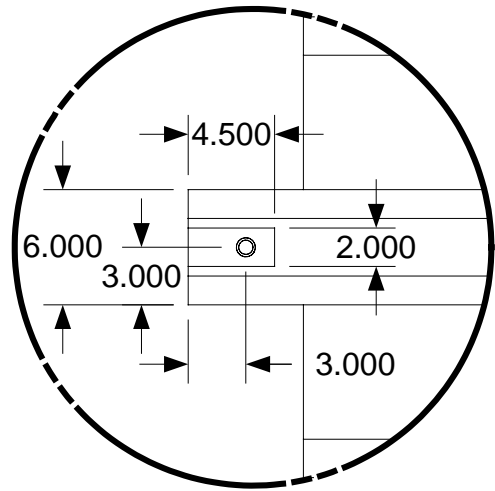
Continuous
bellfoot
foundation
68-B Section
Keystone
Part Identification

MODEL(S): Hartford

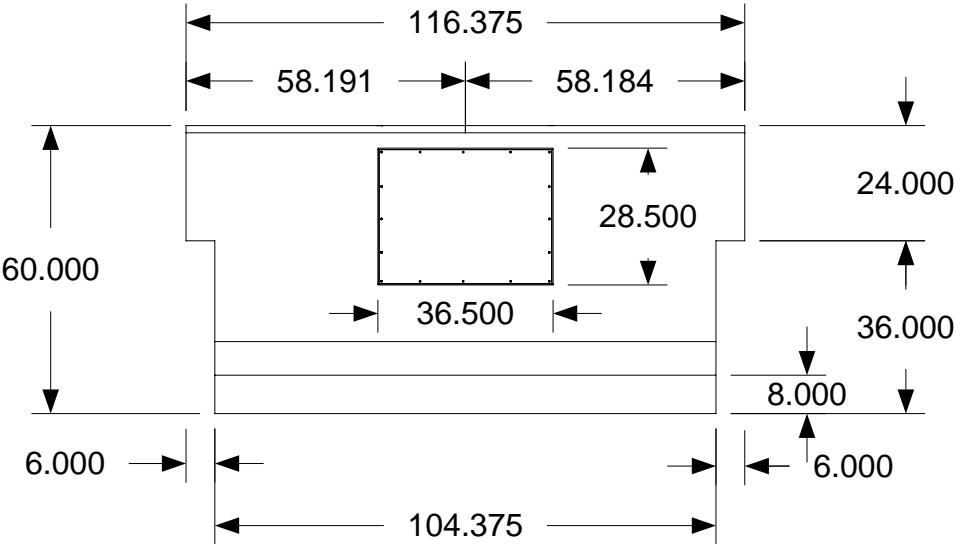
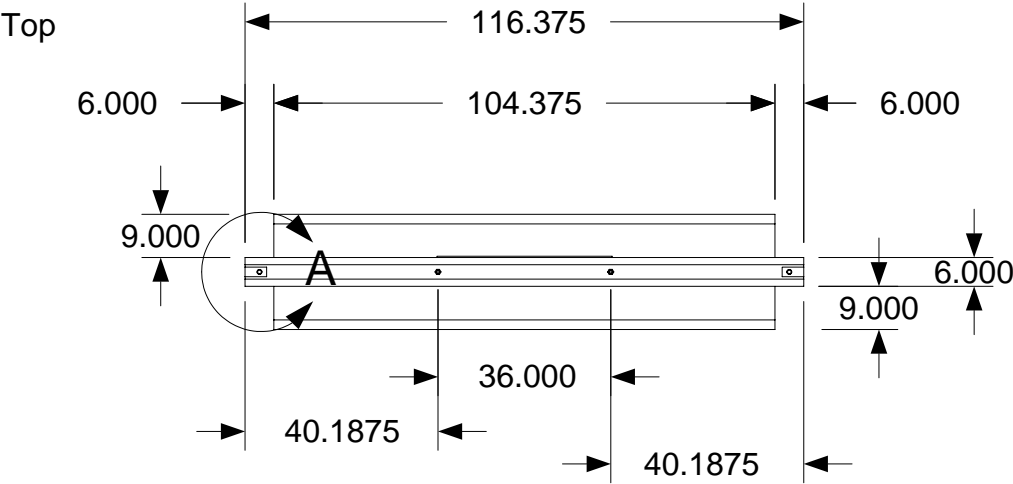
PAGE146



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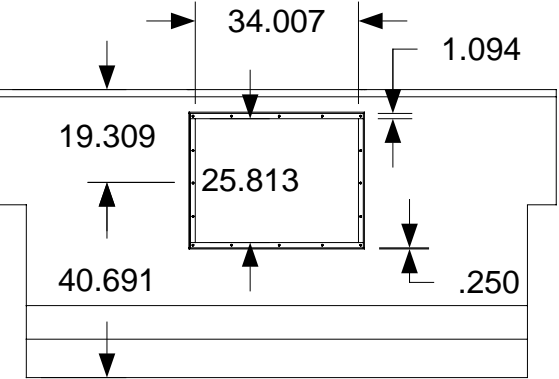
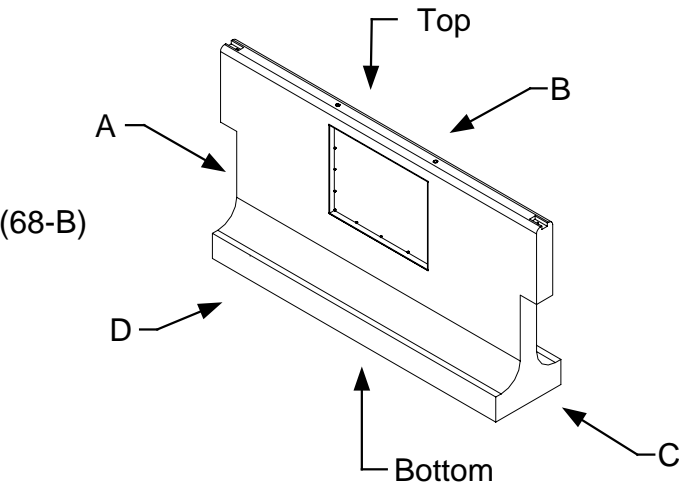
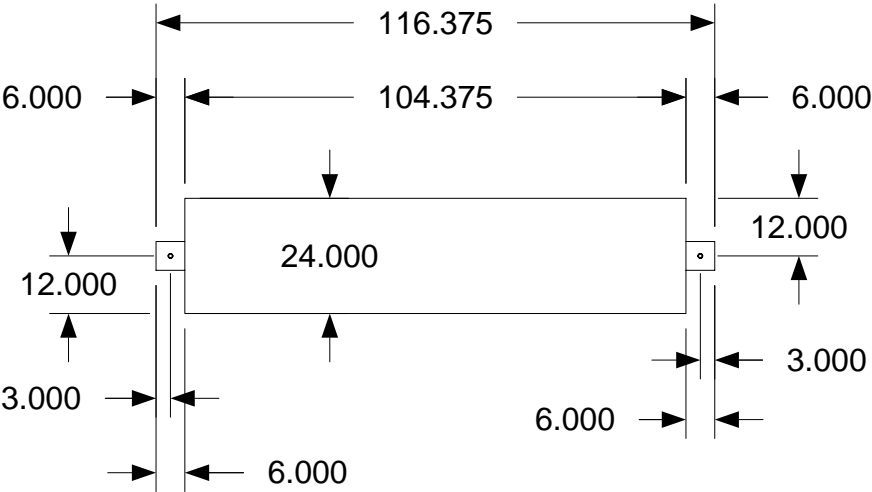


A&C

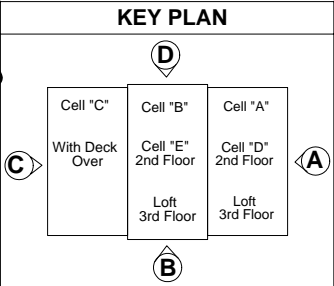


D

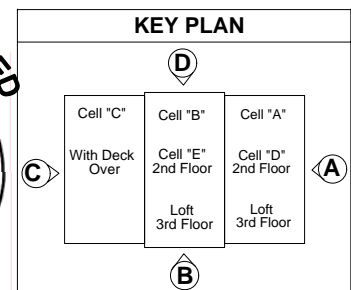
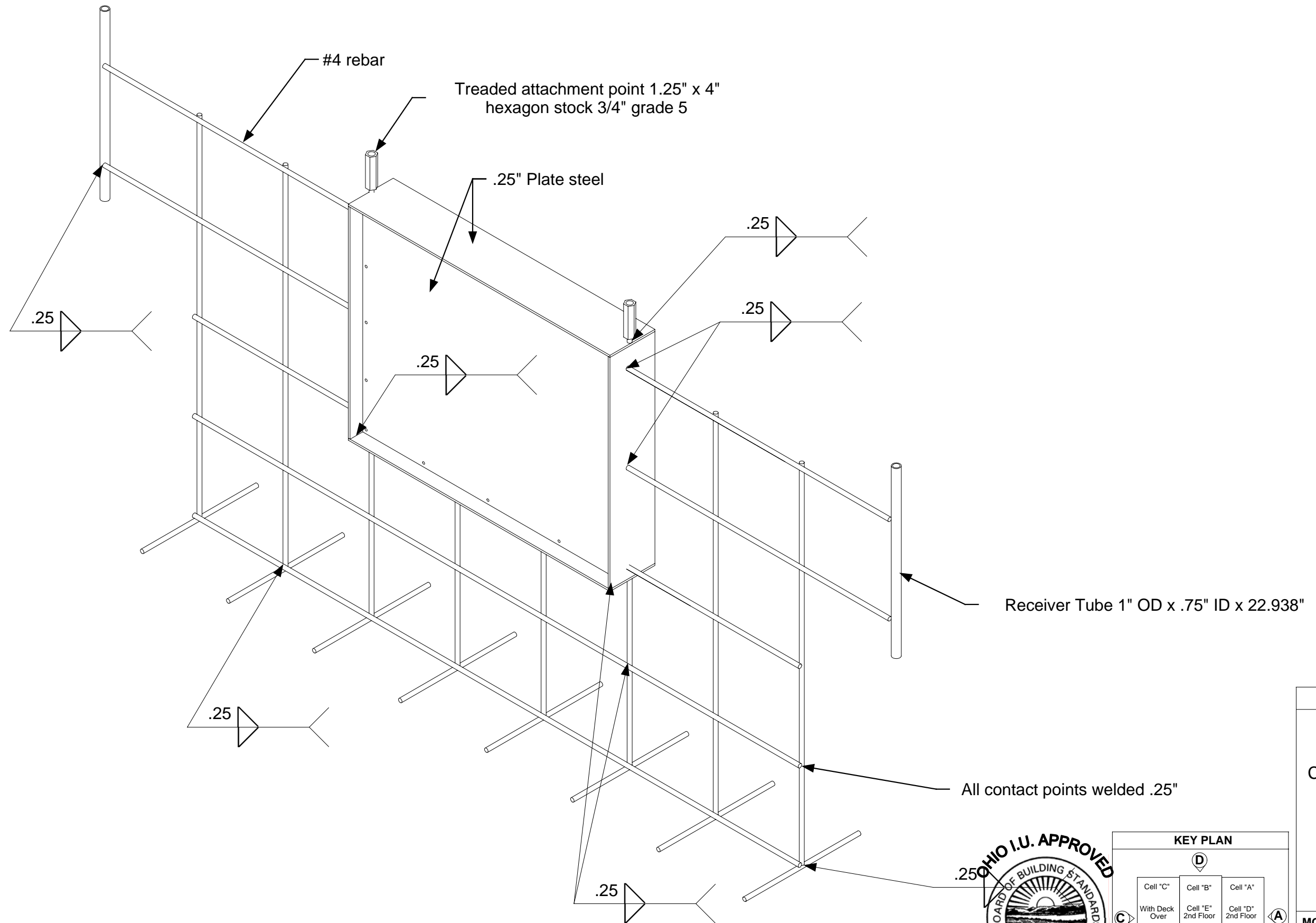
Bottom



B



DRAWING	
Continuous bellfoot foundation Drafting 68-B Section	
MODEL(S): Hartford	
PAGE 147	



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PDG Domus 060323-1

DRAWING

Continuous bellfoot
foundation
68-B Section
Keystone
Reinforcement



MODEL(S): Hartford

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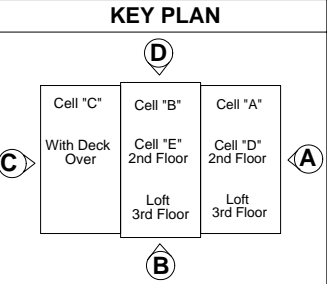
Bellfoot foundation Type 1
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

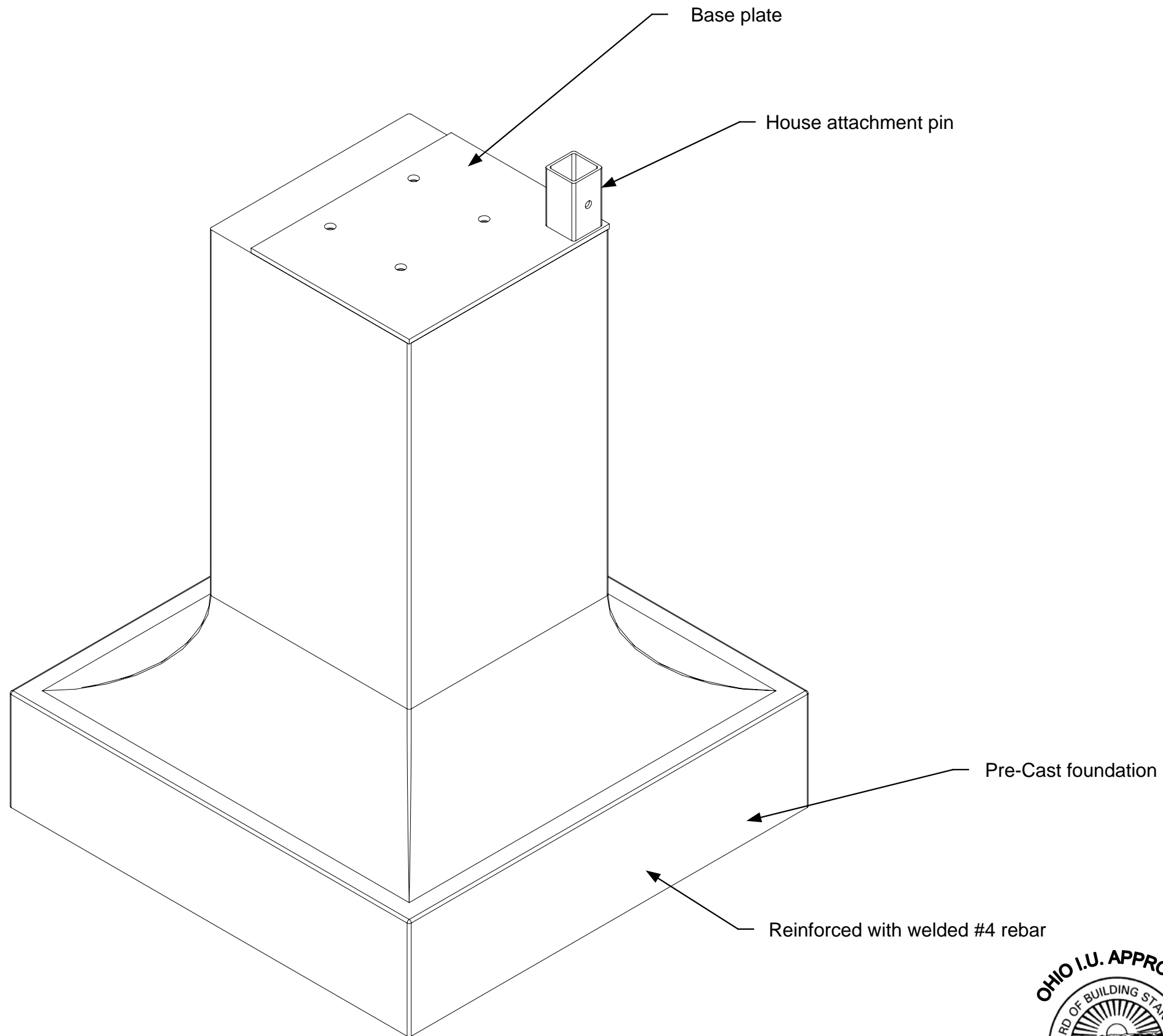
1C,5C,6C,7C,8C,9C,12C,17C,26C



KEY PLAN



DRAWING
Bellfoot Foundation Type 1 Architectural plan
MODEL(S): Hartford
PAGE 151A

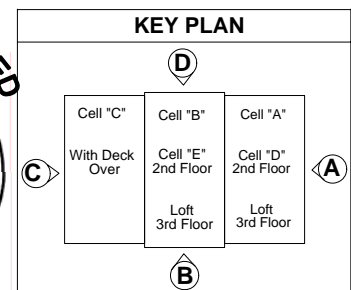


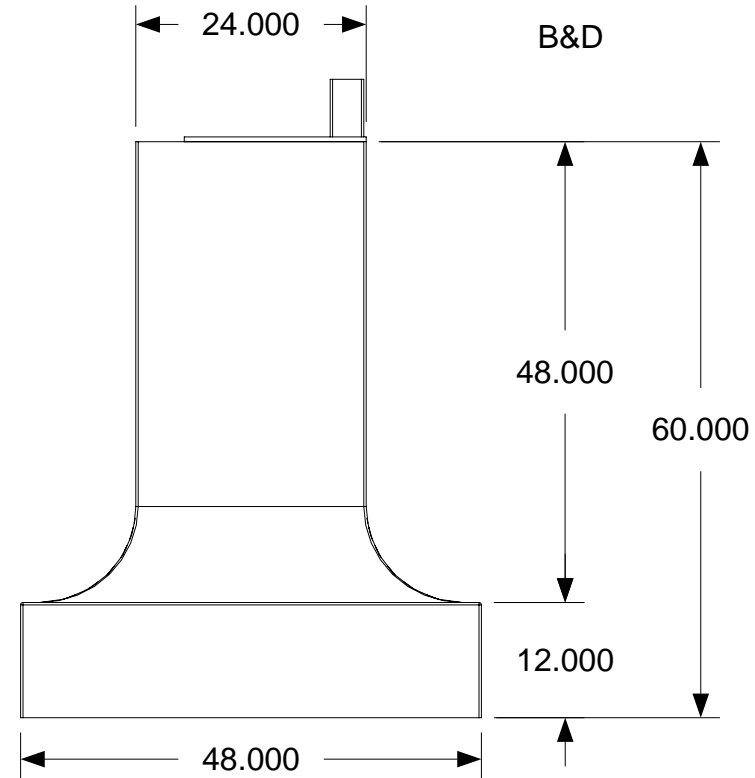
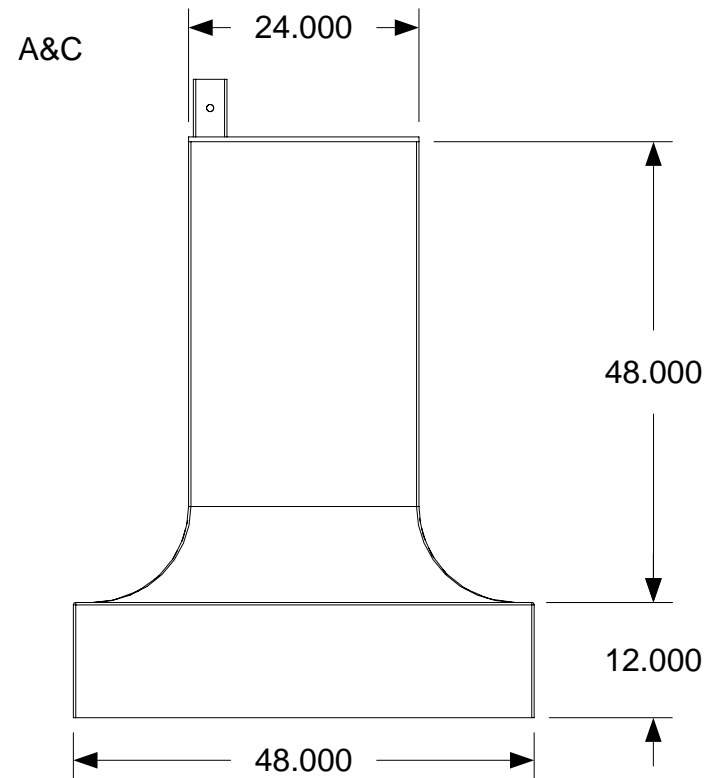
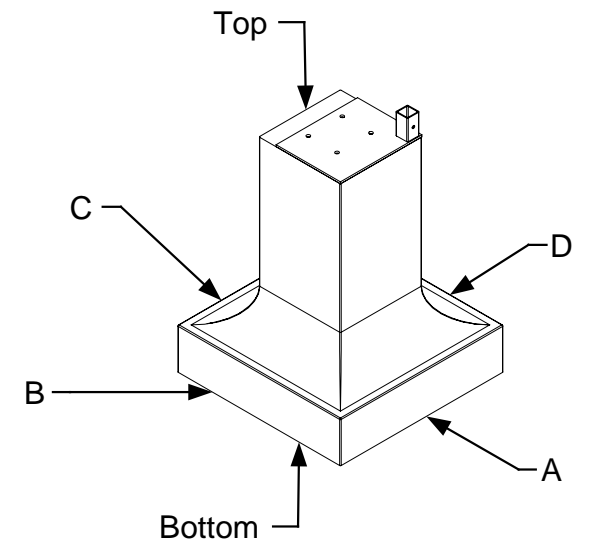
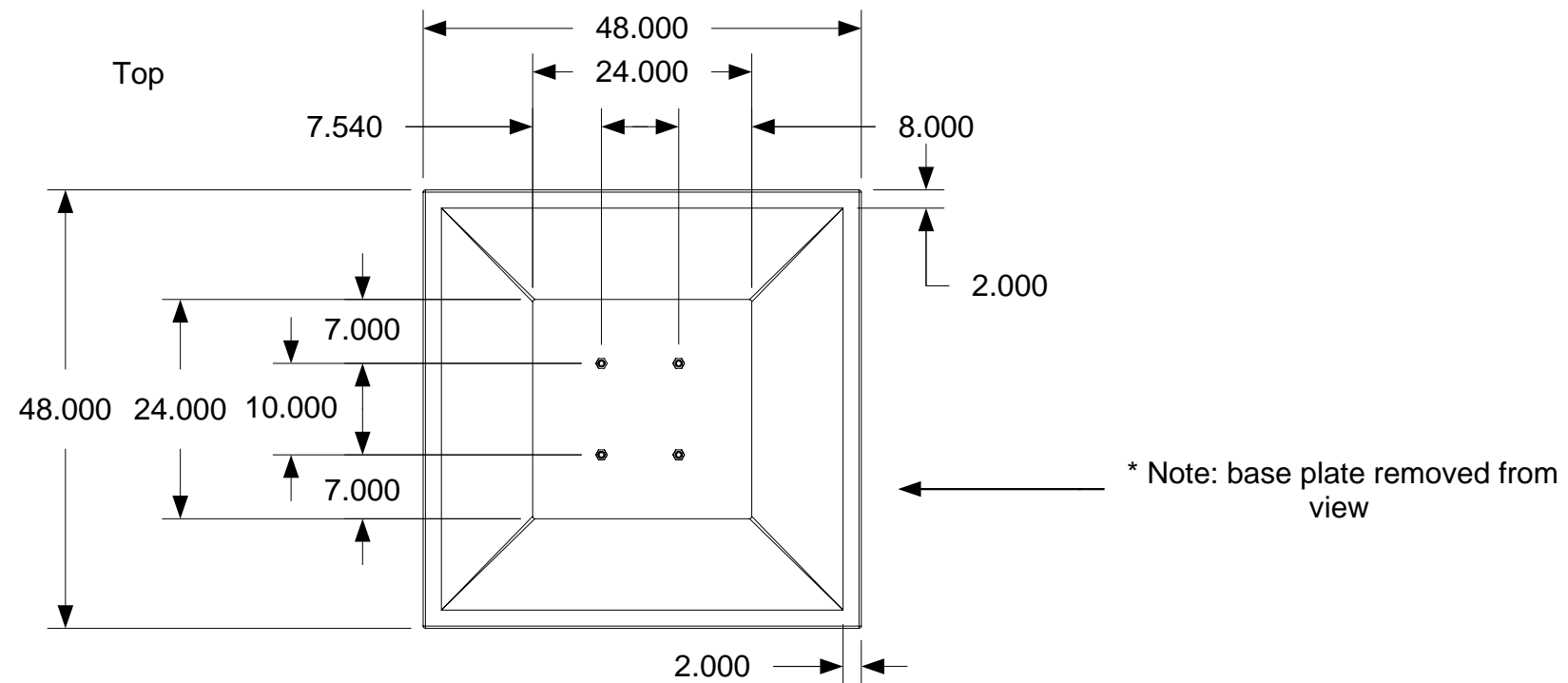
DRAWING

Bellfoot foundation
Type 1
Corner bellfoot
Part Identification

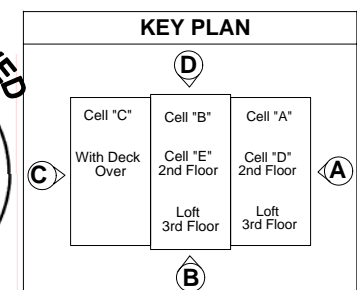
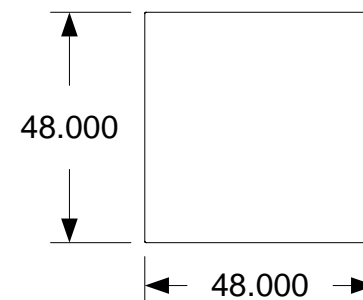
MODEL(S): Hartford

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Bottom



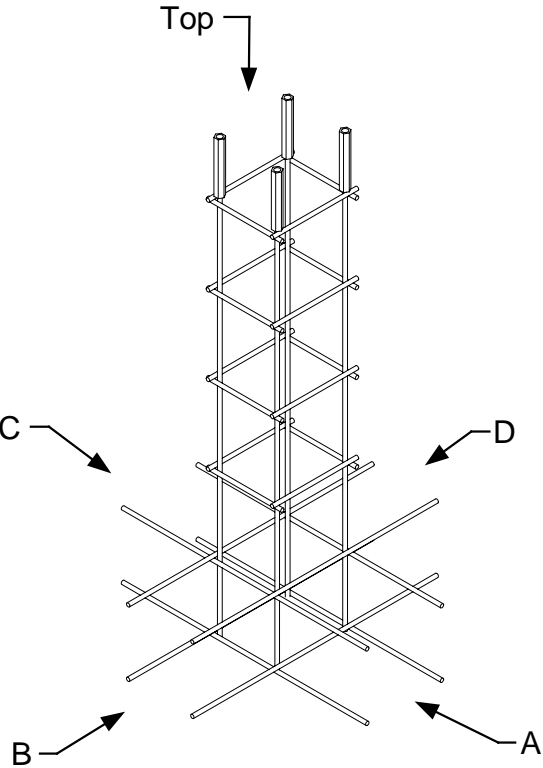
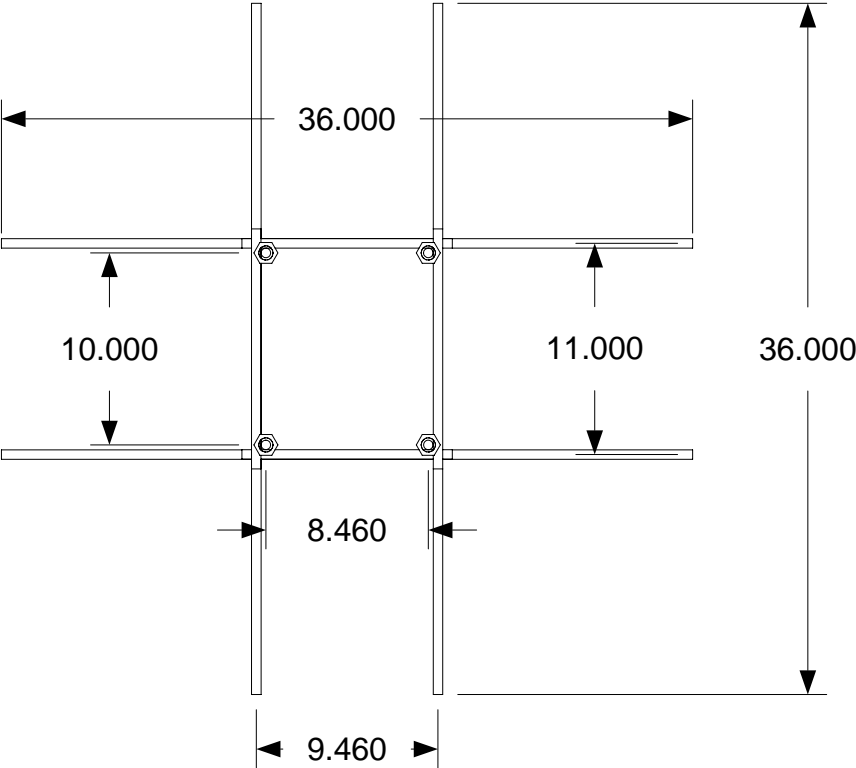
DRAWING

Bellfoot foundation
Type 1
Drafting Corner
bellfoot

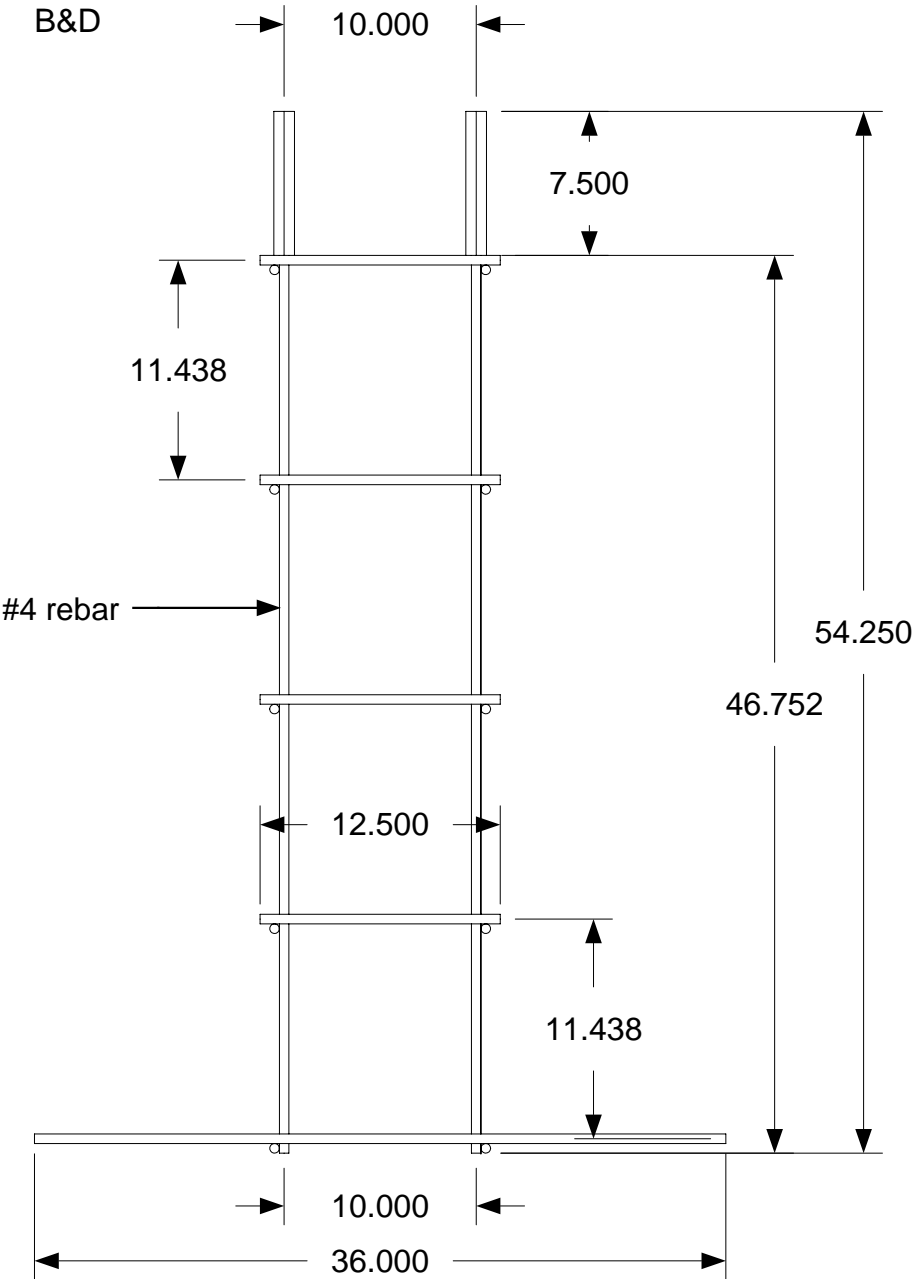
MODEL(S): Hartford

PAGE 153

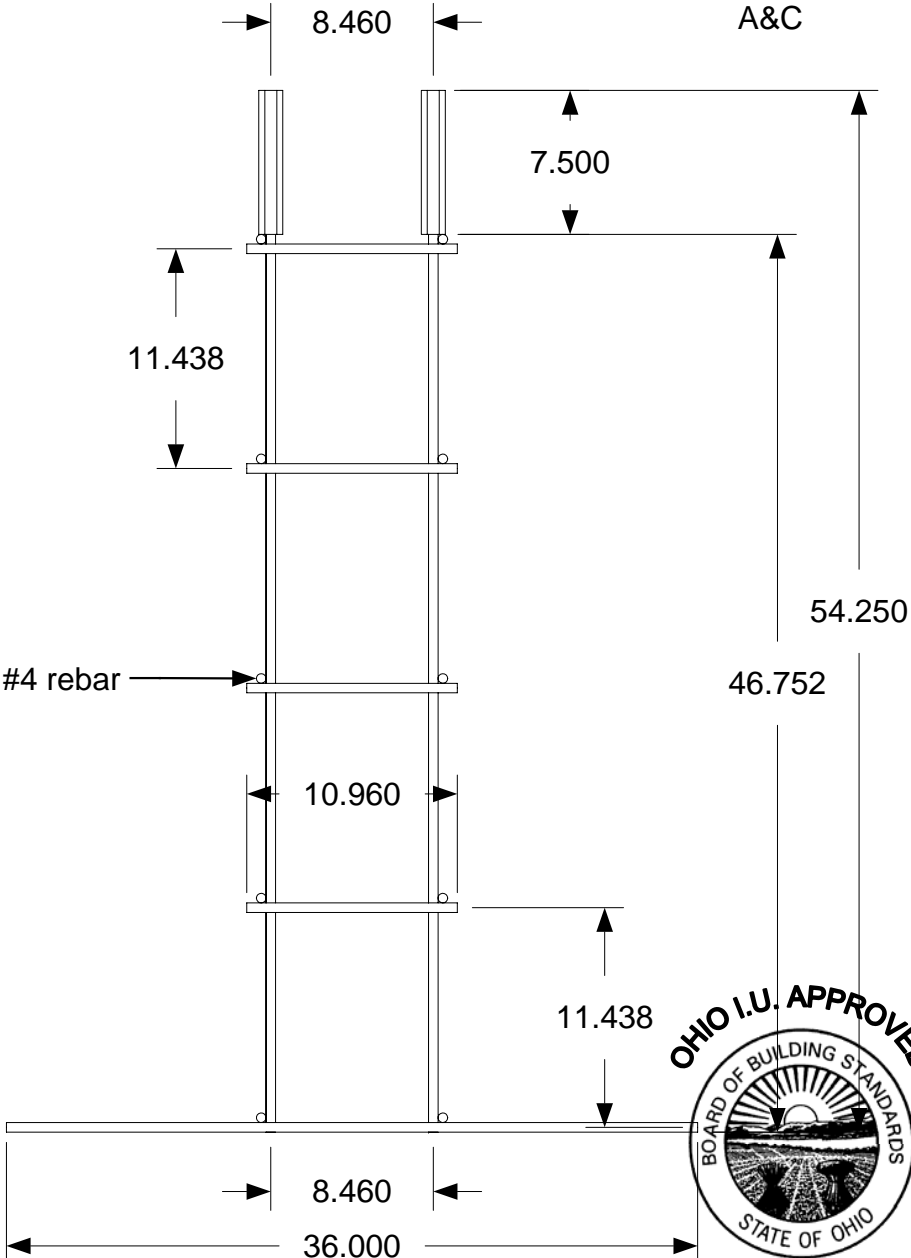
Top



B&D



A&C

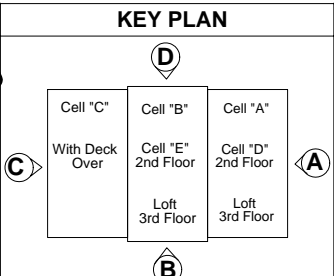


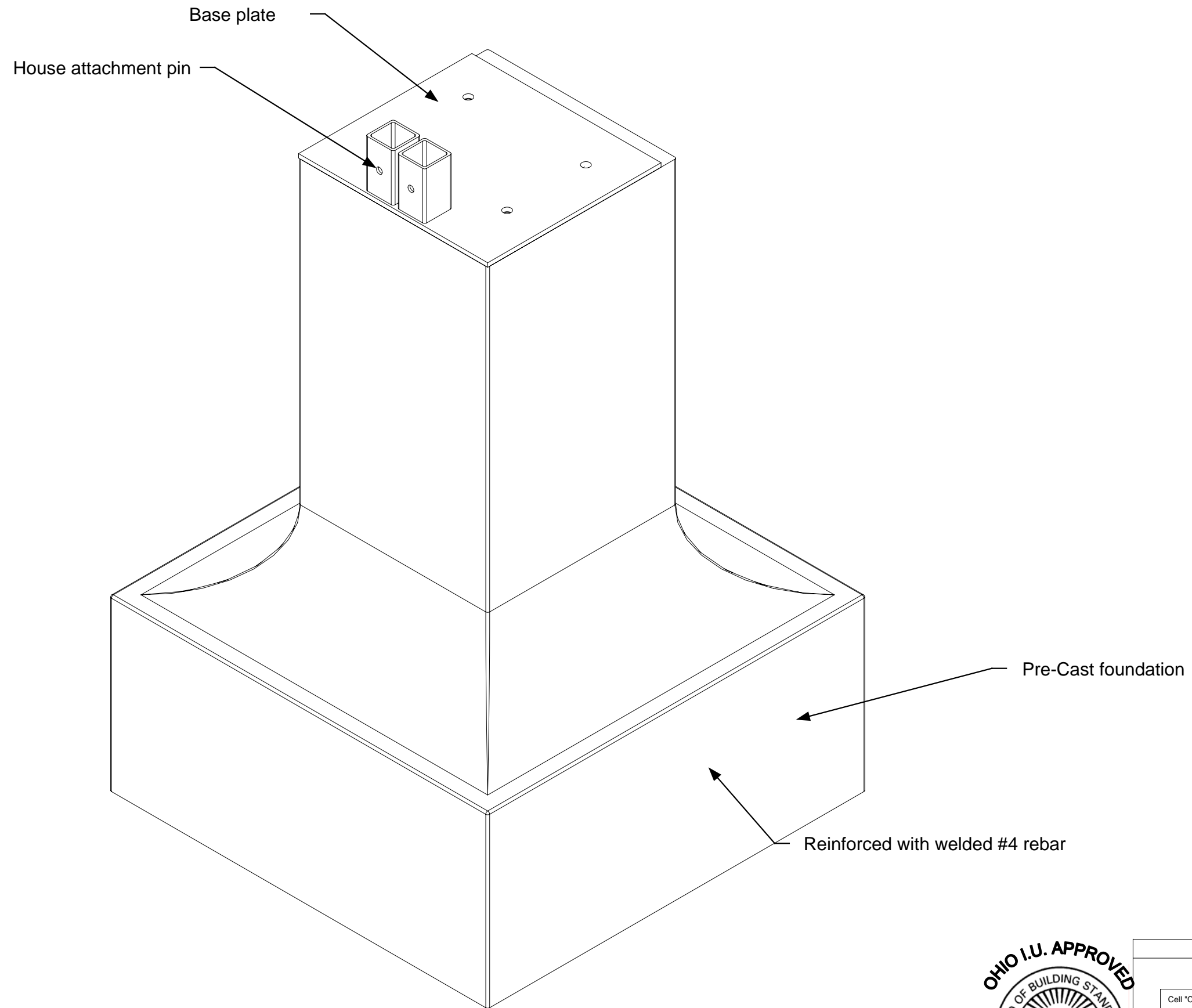
DRAWING

Bellfoot foundation
Corner bellfoot
reinforcement
Type 1

MODEL(S): Hartford

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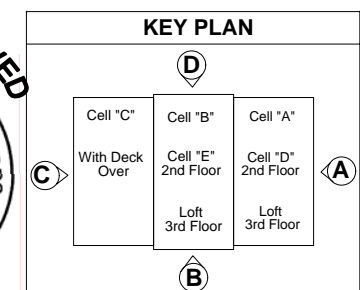


DRAWING

Bellfoot foundation
Type 1
Intermediate
bellfoot
Part Identification

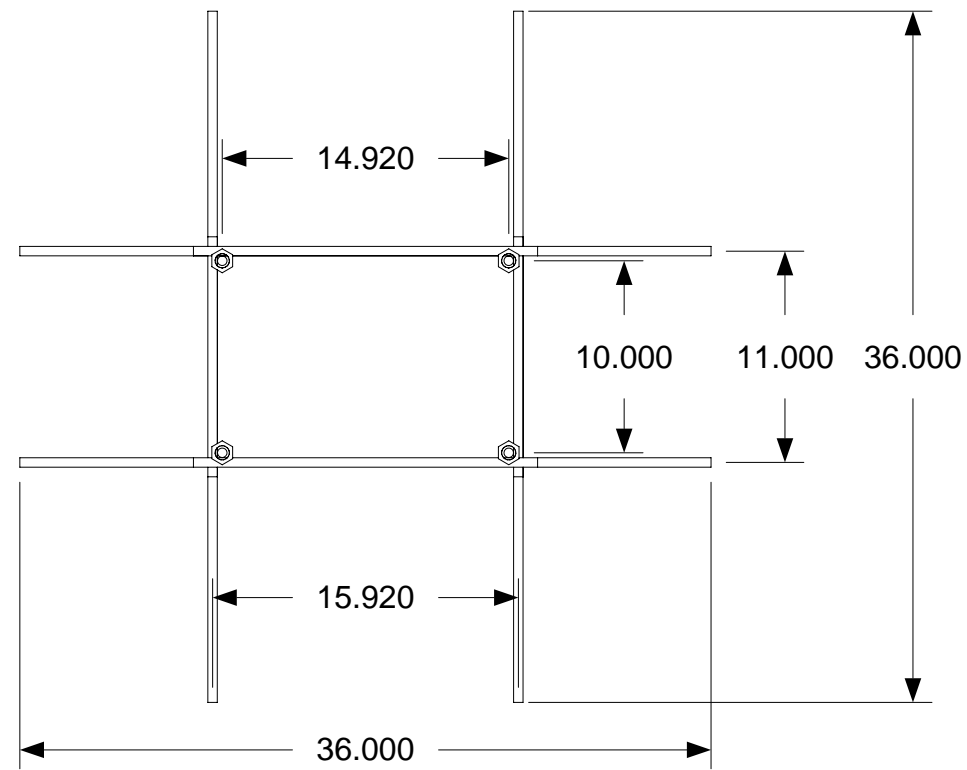
MODEL(S): Hartford

PAGE 155

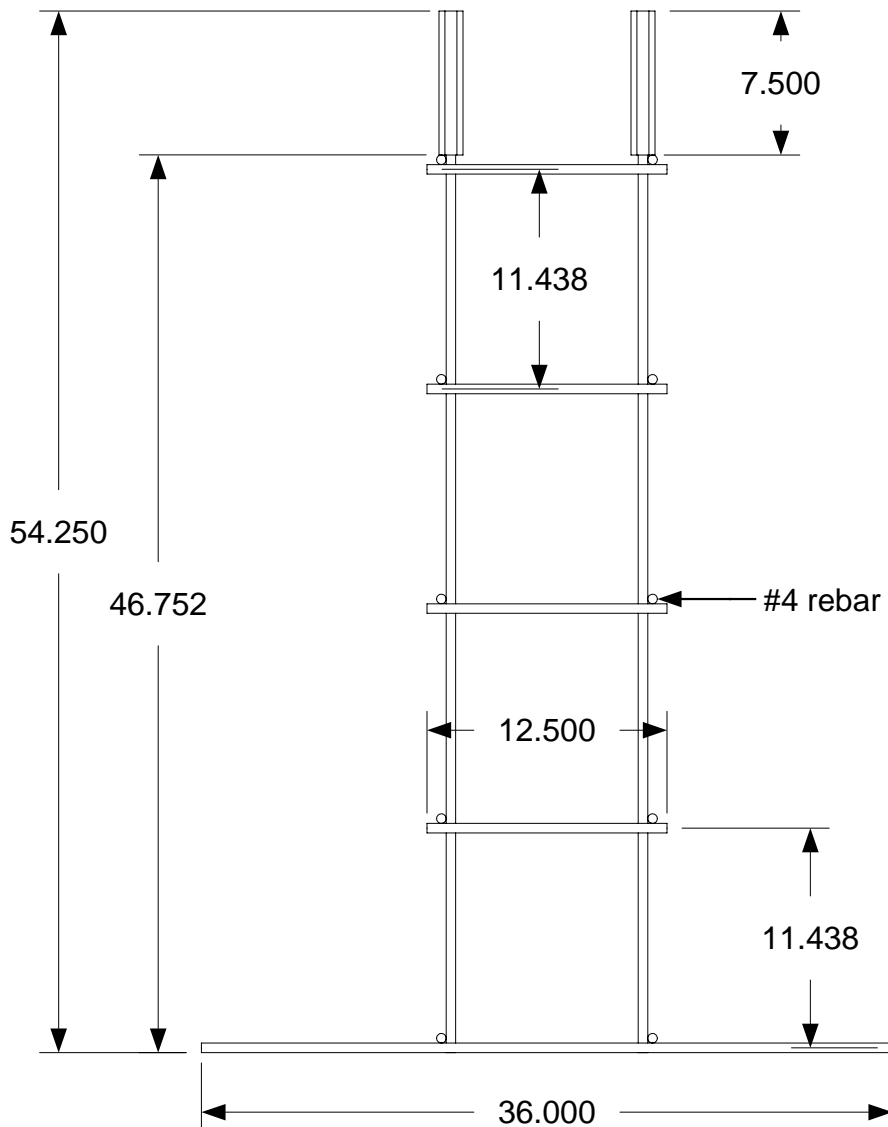


April 11, 2006
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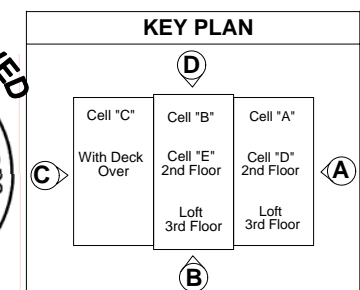
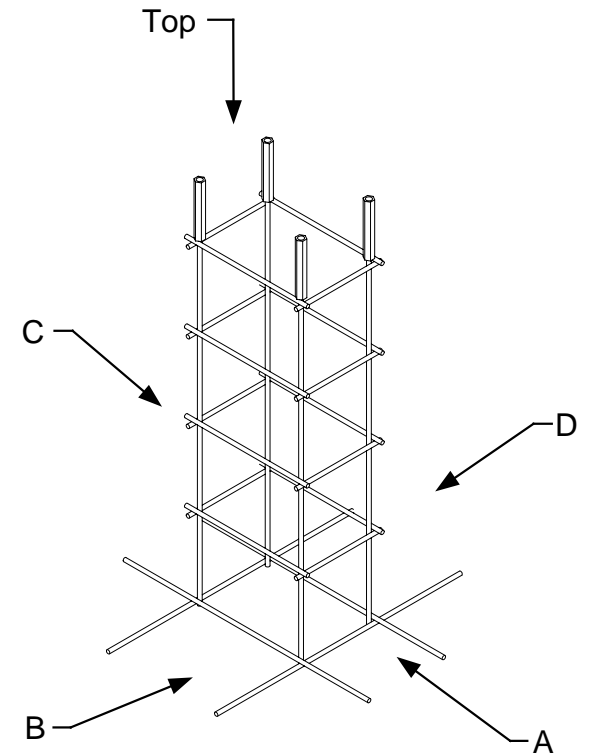
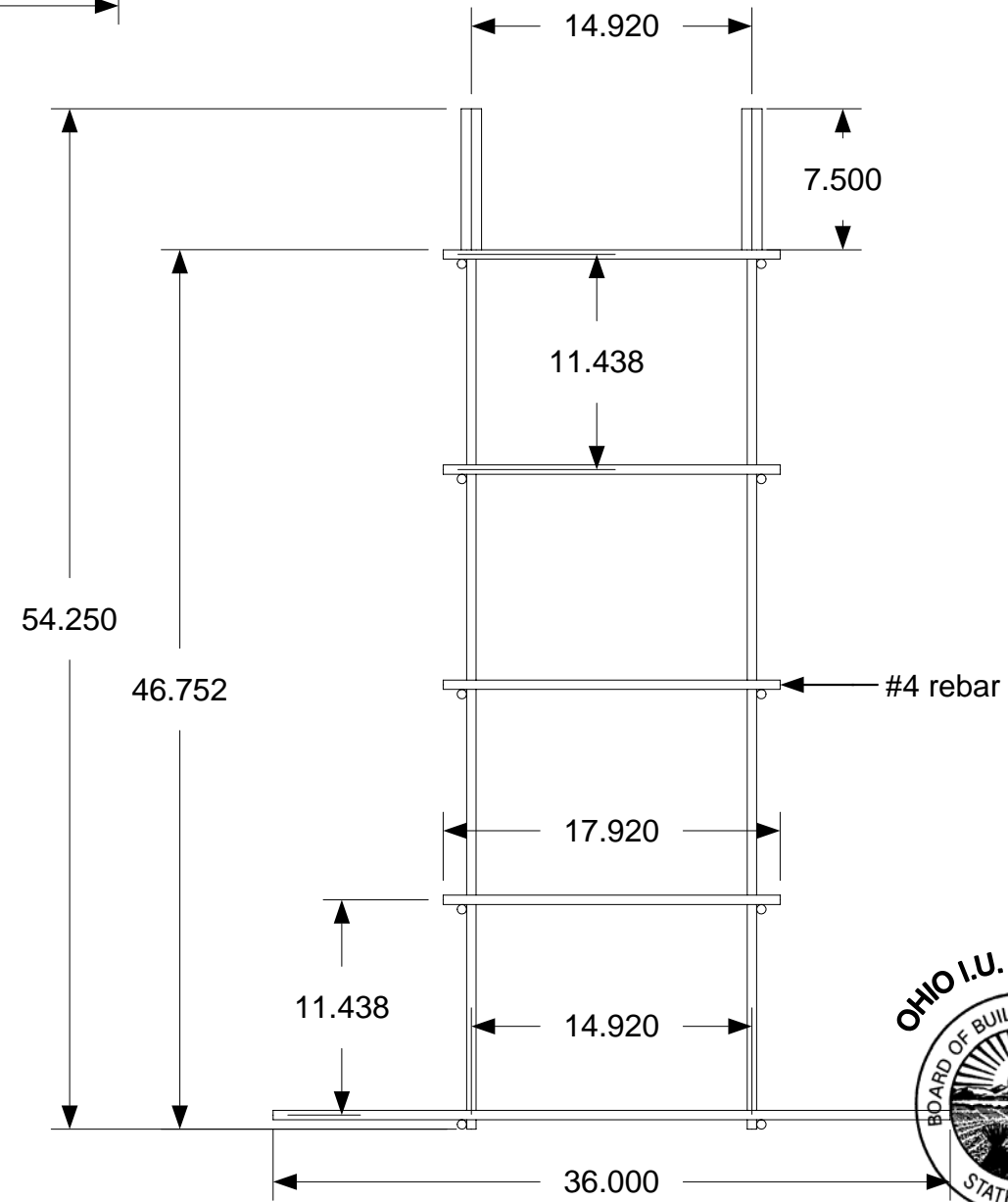
Top



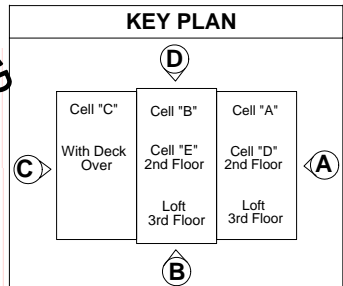
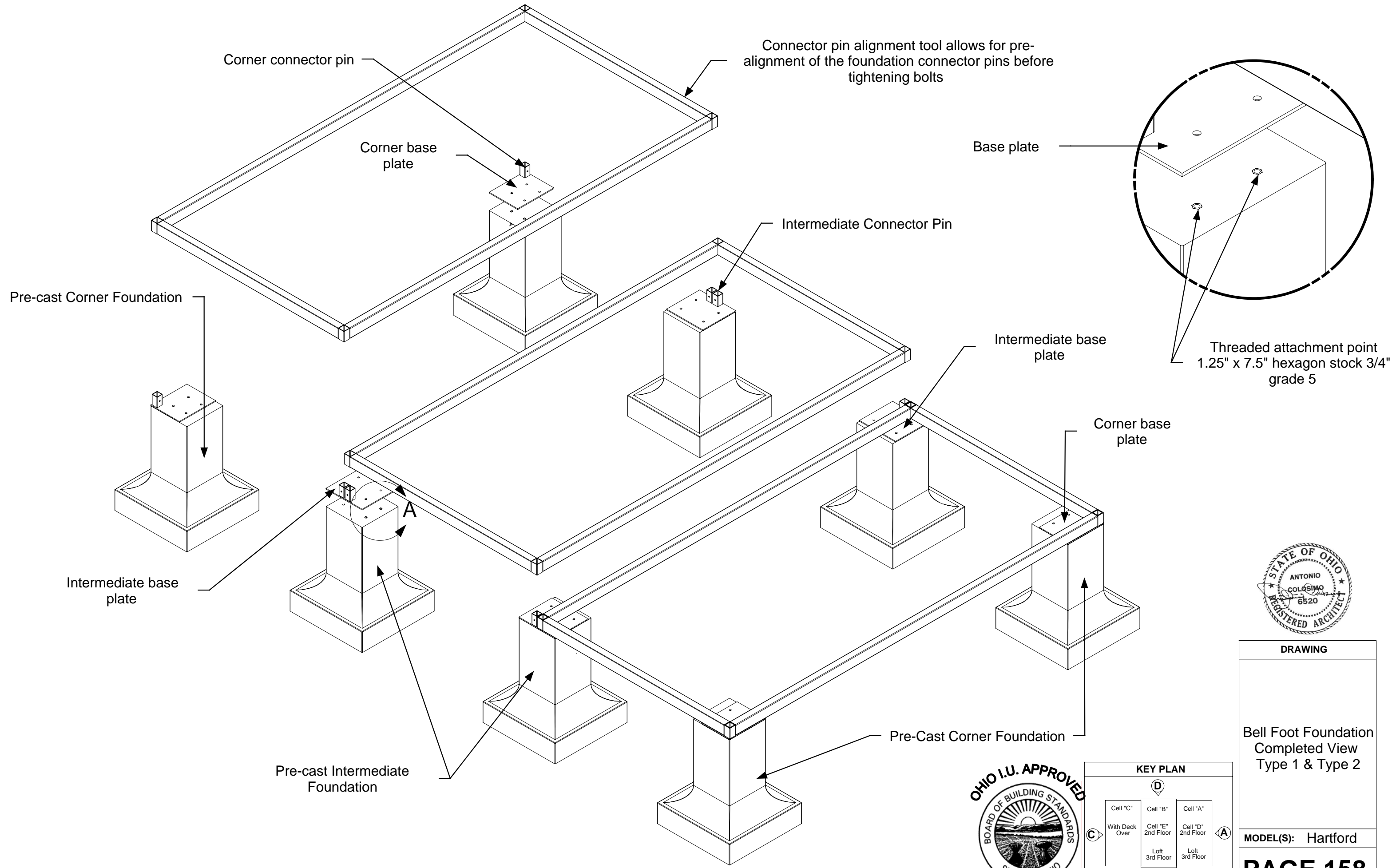
A&C



B&D



DRAWING
Bellfoot foundation Type 1 Intermediate bellfoot Reinforcement
MODEL(S): Hartford
PAGE 157



DRAWING

Bell Foot Foundation
Completed View
Type 1 & Type 2



MODEL(S): Hartford

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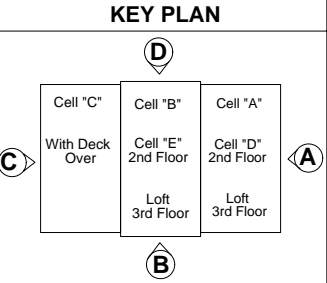
Bellfoot foundation Type 2
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

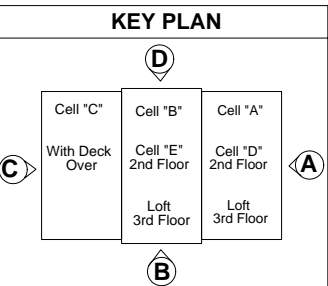
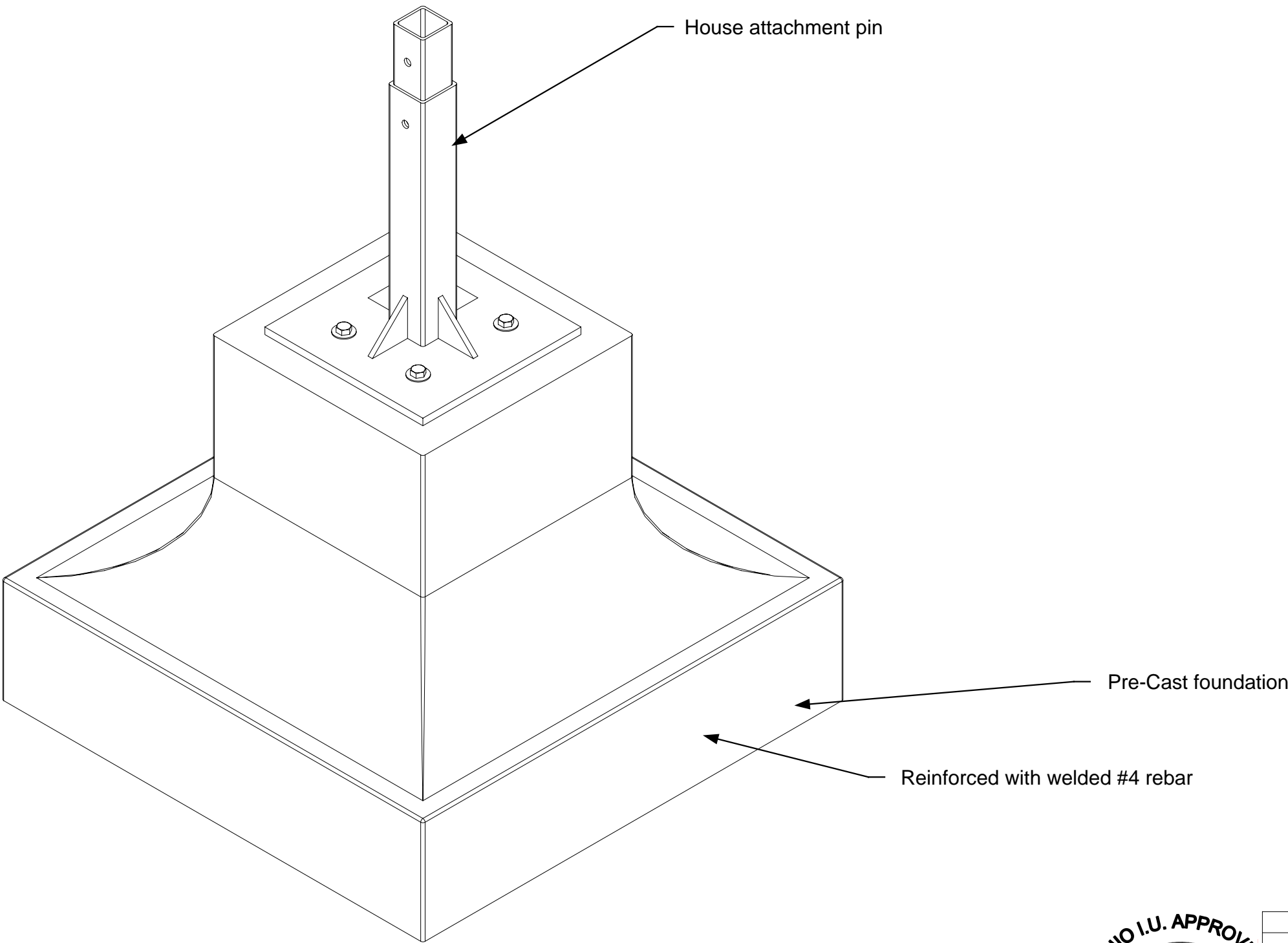
1D,5D,6D,7D,8D,9D,12D,17D,26D



KEY PLAN



DRAWING
Bellfoot Foundation Type 2 Architectural Plan
MODEL(S): Hartford
PAGE 159A

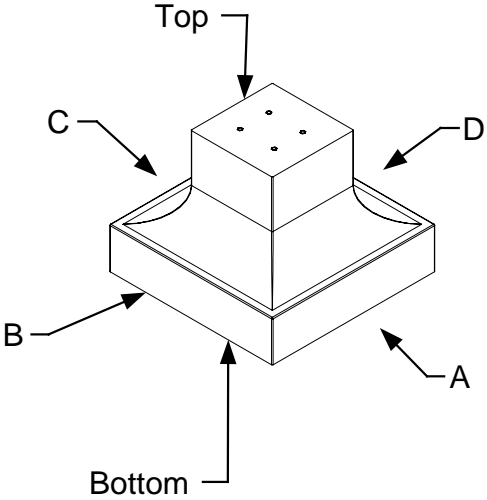
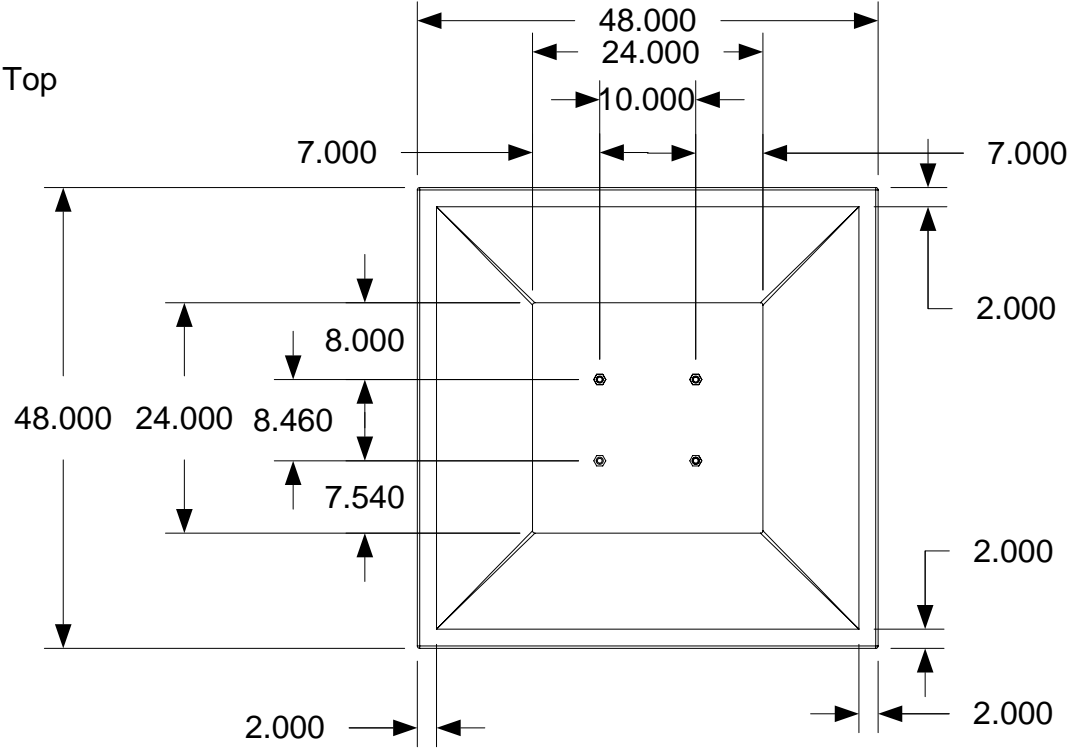


DRAWING

Bellfoot foundation
Type 2
Corner
Bellfoot
Part Identification

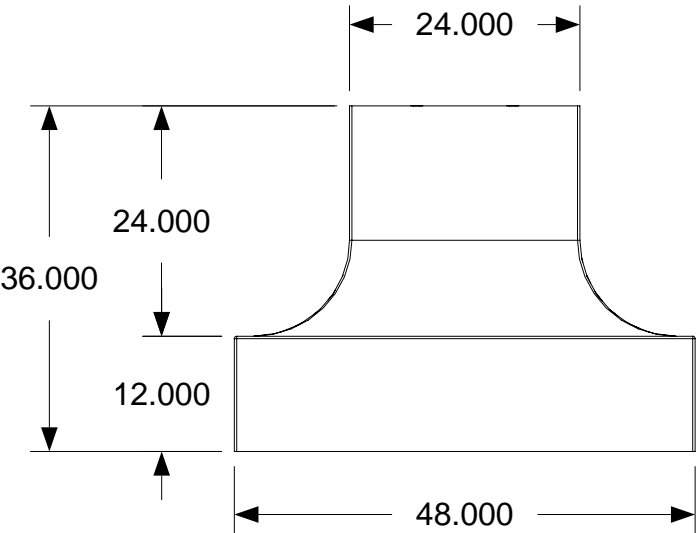
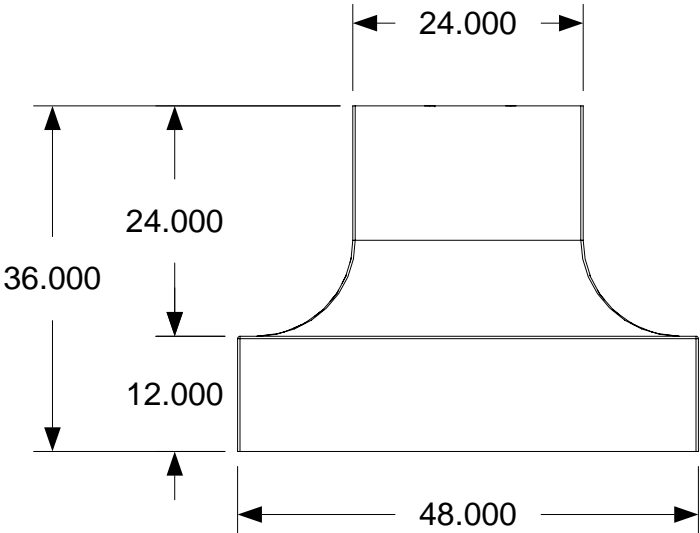
MODEL(S): Hartford

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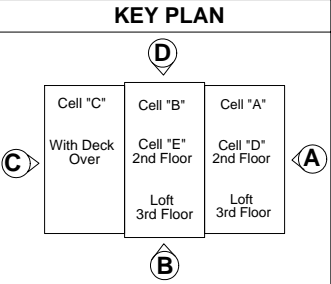
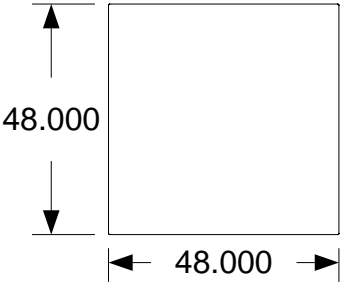


A&C

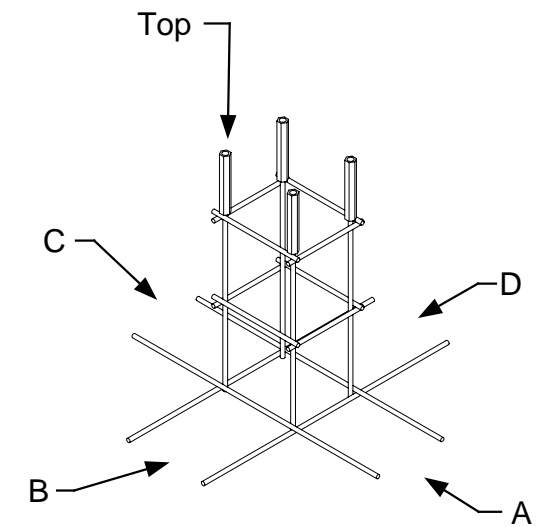
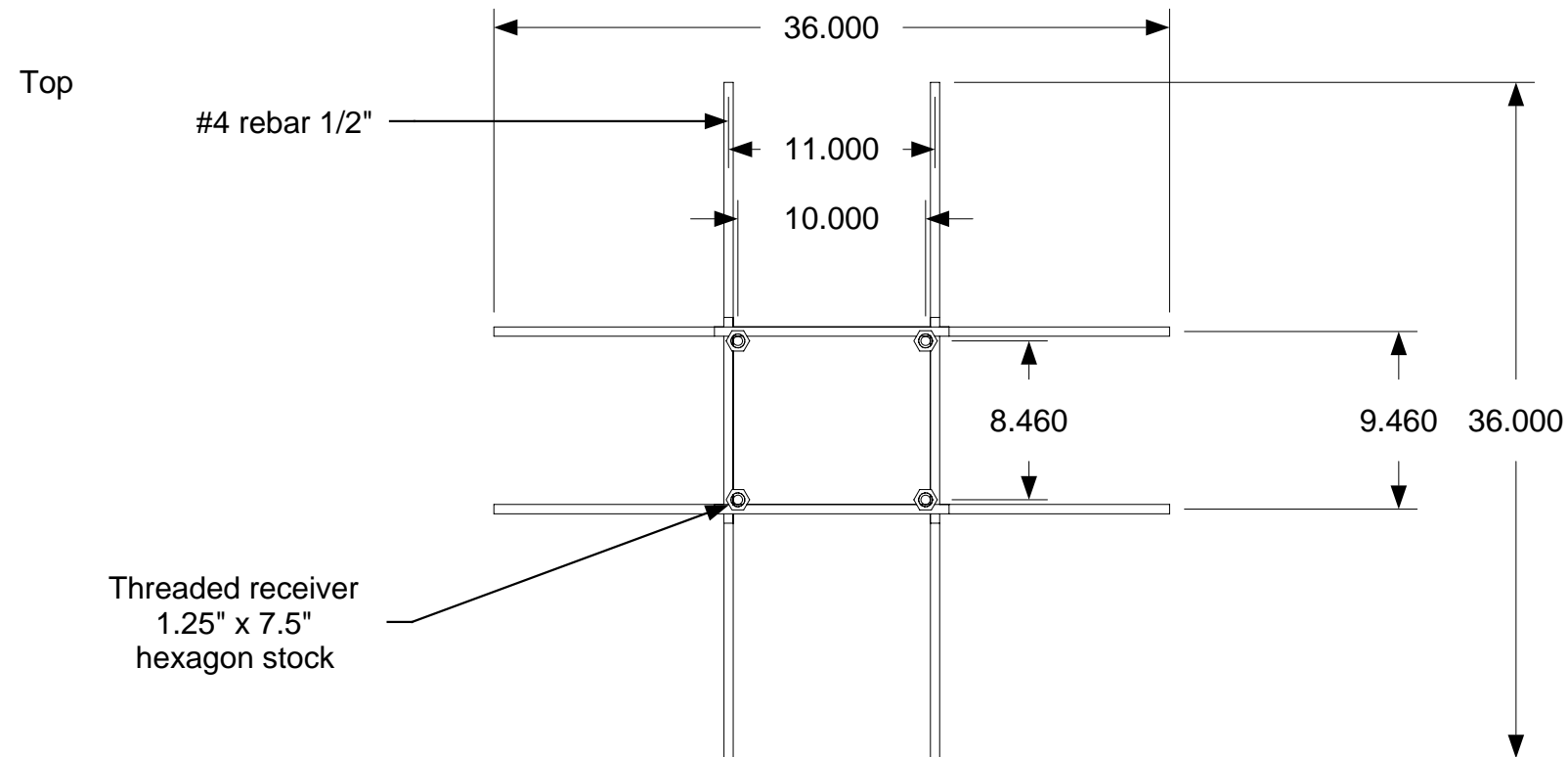
B&D



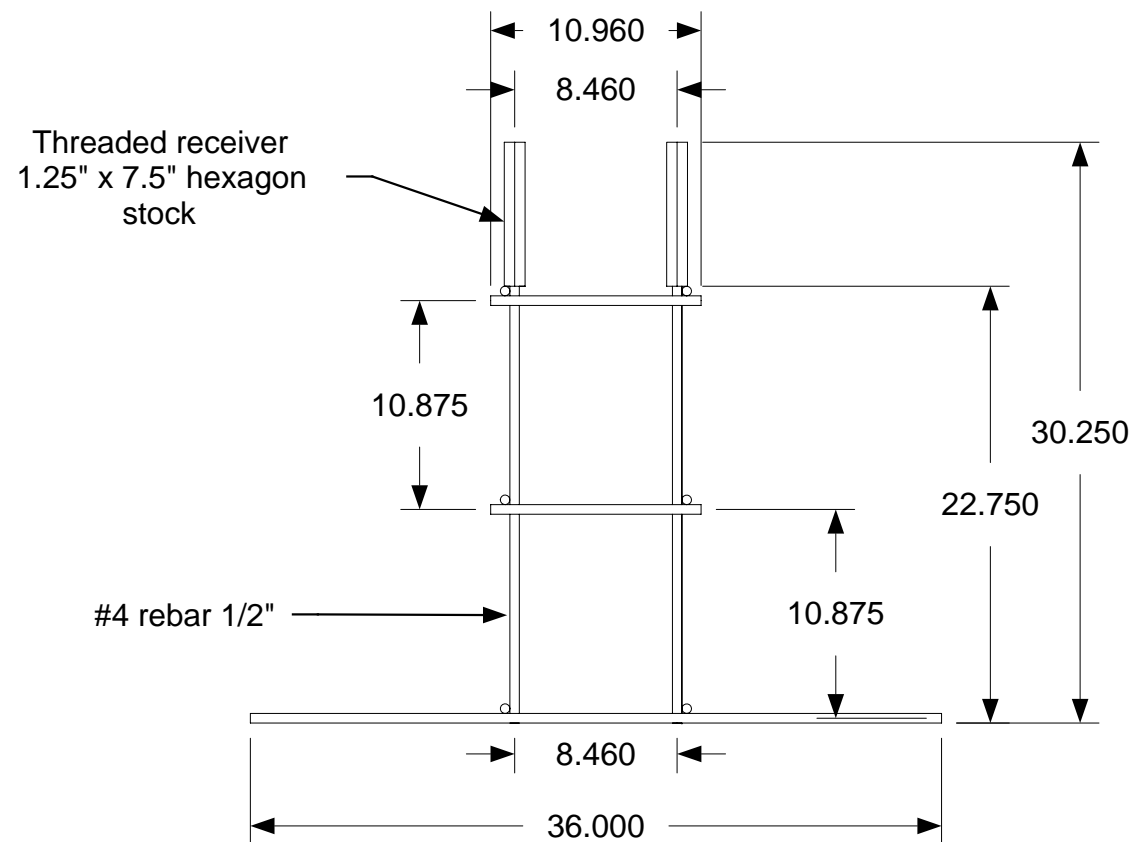
Bottom



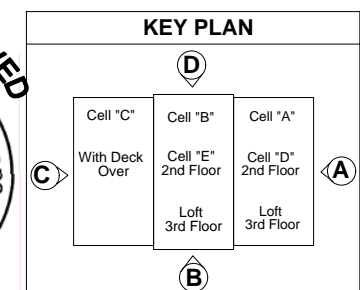
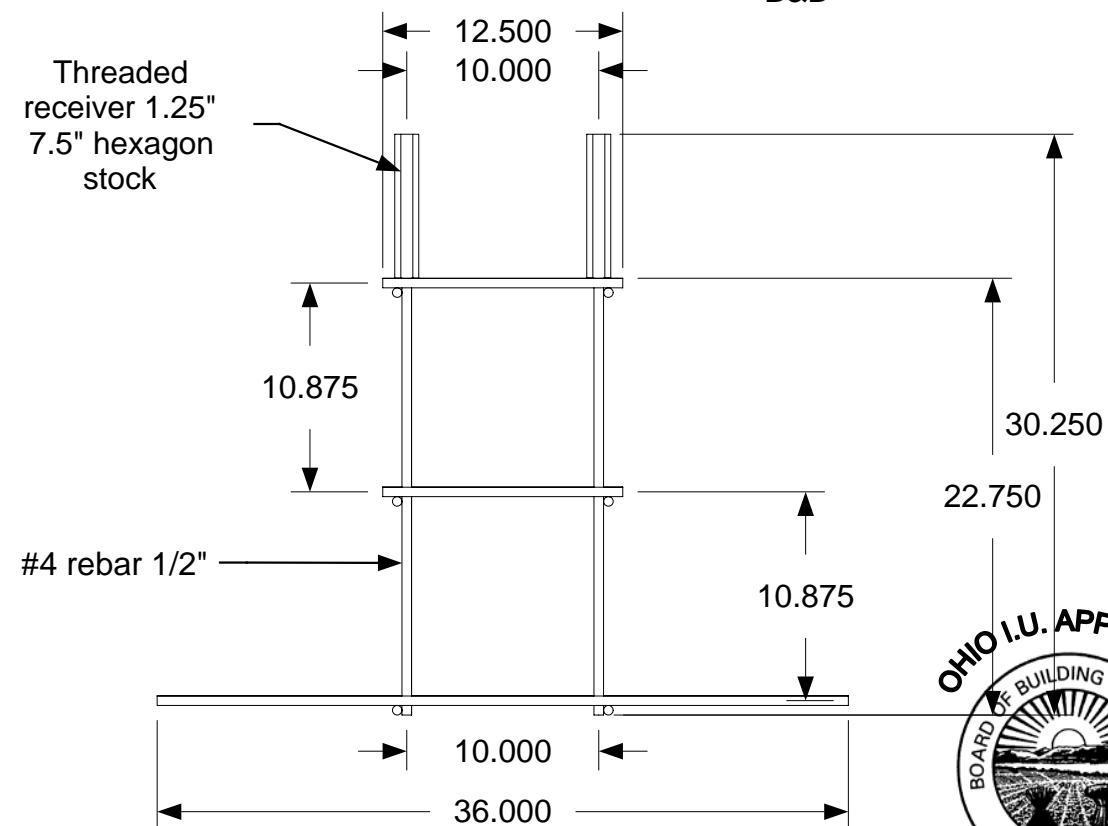
DRAWING	
Bellfoot foundation Type 2 Drafting Corner Bellfoot	
MODEL(S): Hartford	
PAGE 161	



A&C



B&D

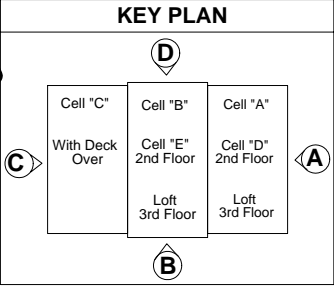
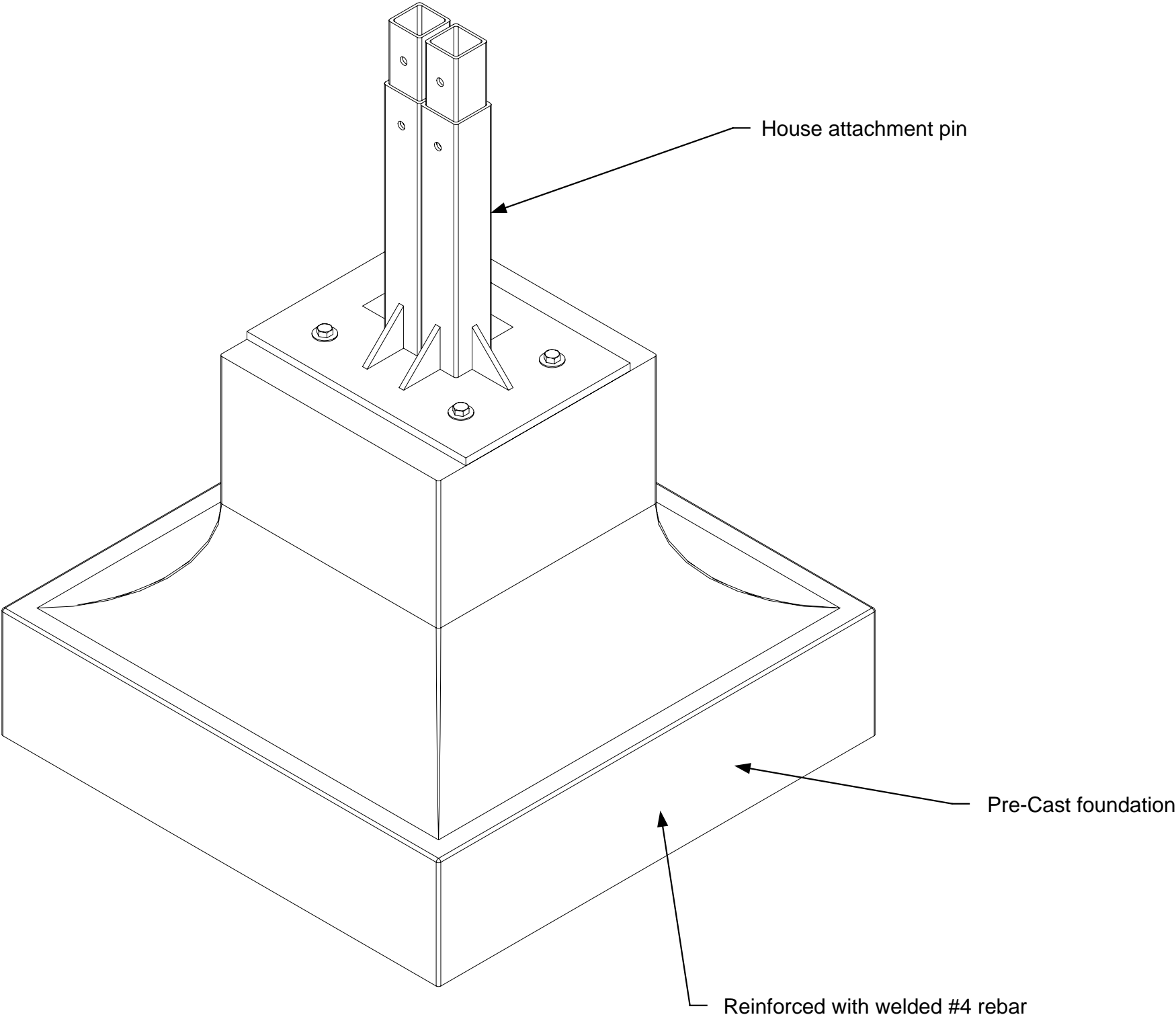


DRAWING

Bellfoot foundation
Type 2
Corner
Bellfoot
Reinforcement

MODEL(S): Hartford

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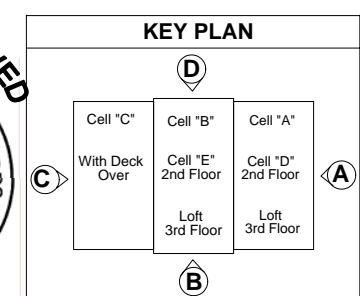
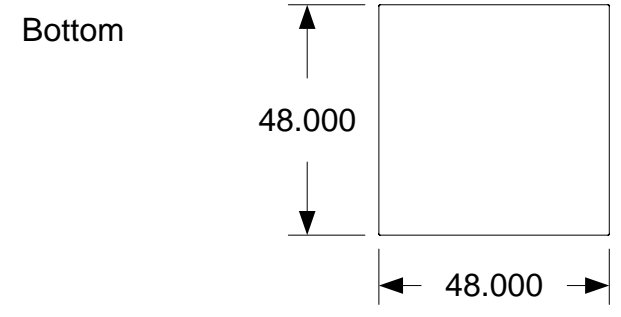
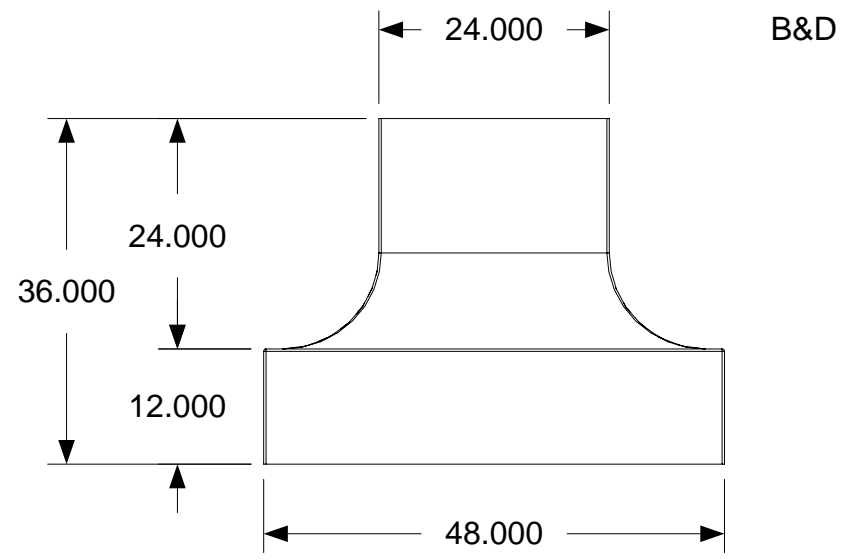
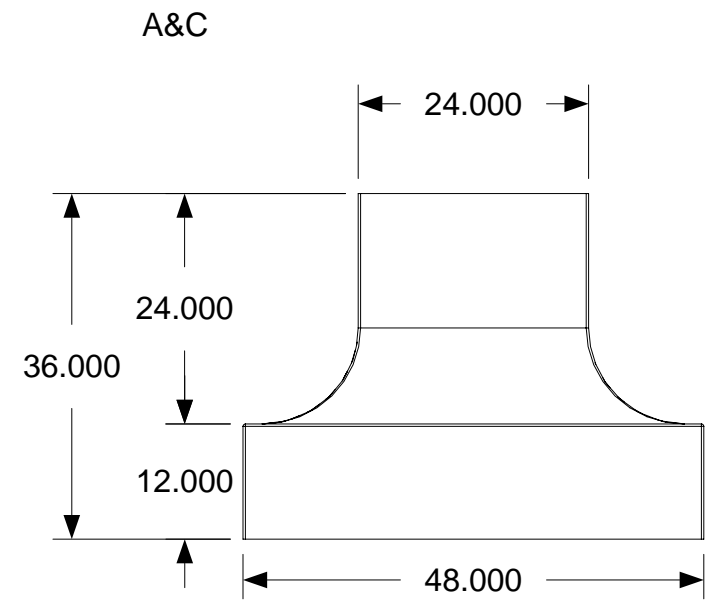
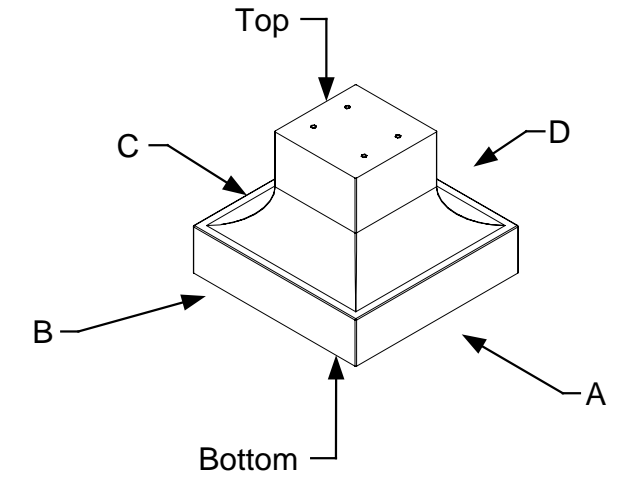
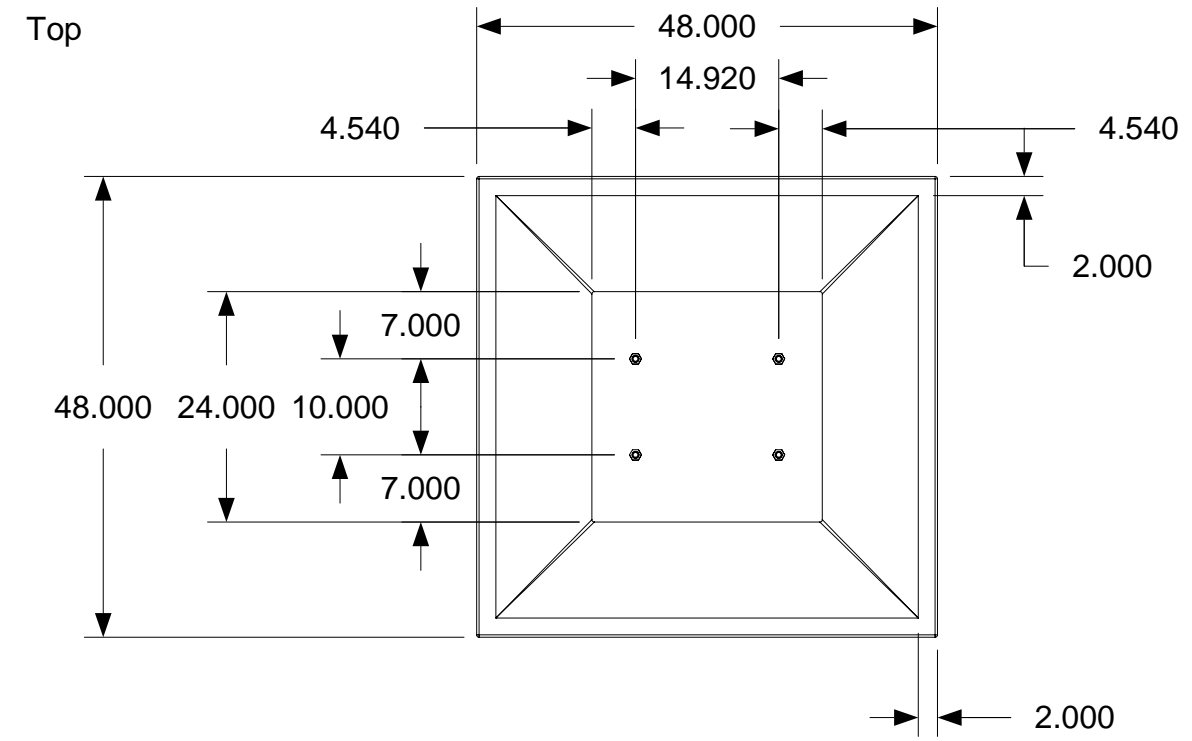


DRAWING

Bellfoot foundation
Type 2
Intermediate
Bellfoot
Part Identification

MODEL(S): Hartford

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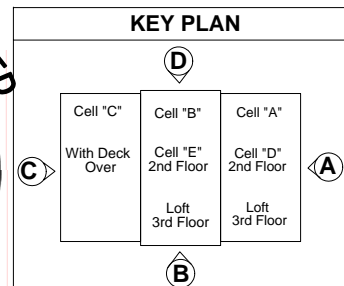
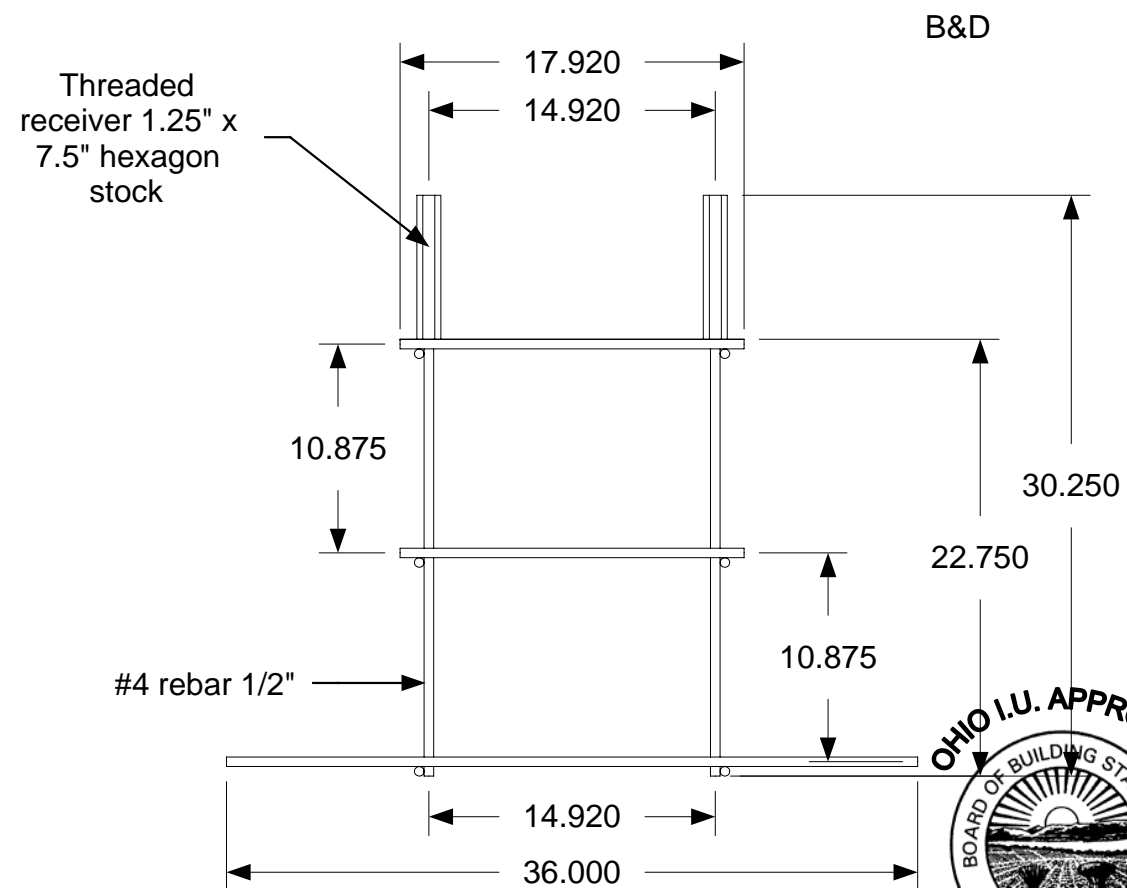
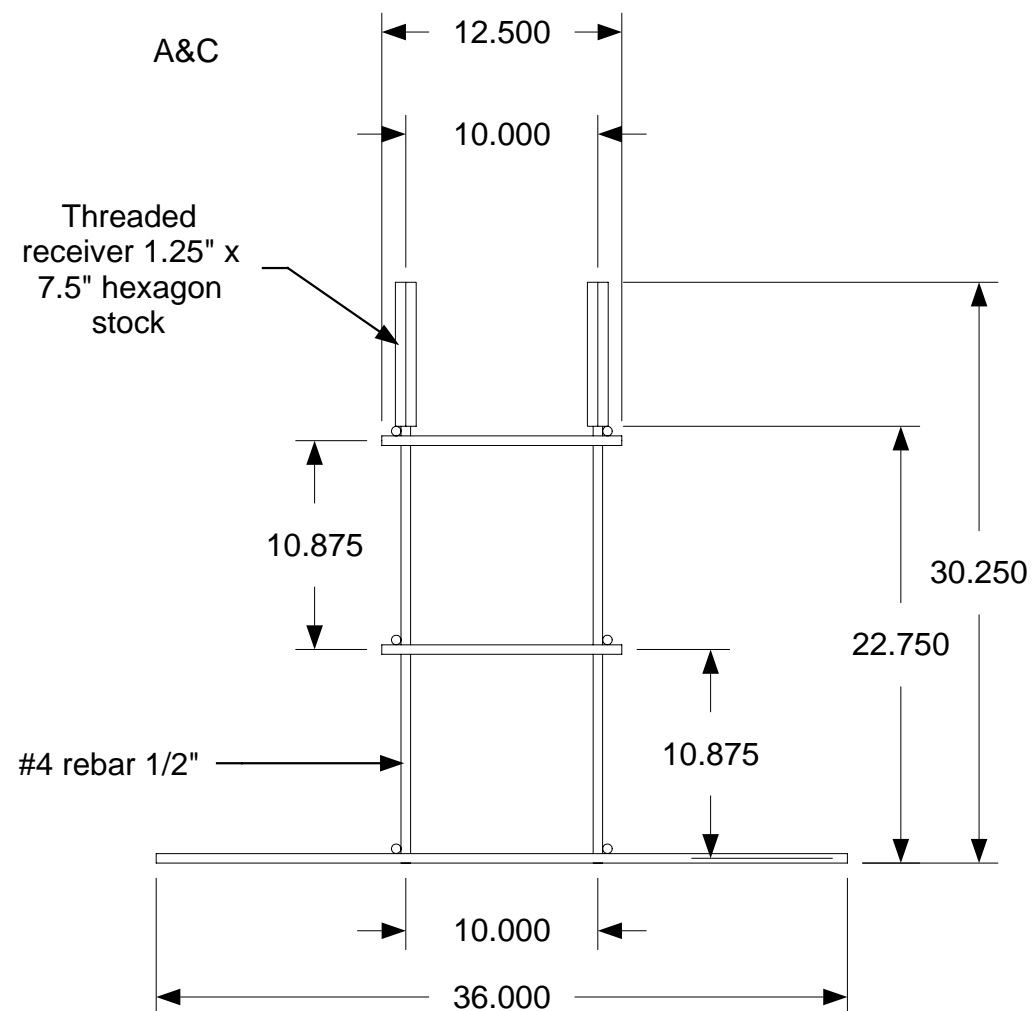
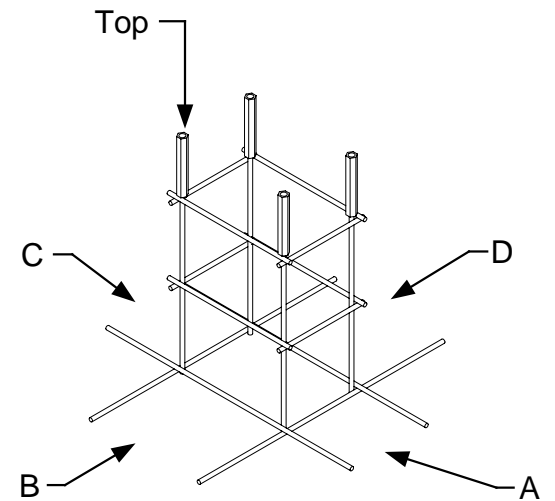
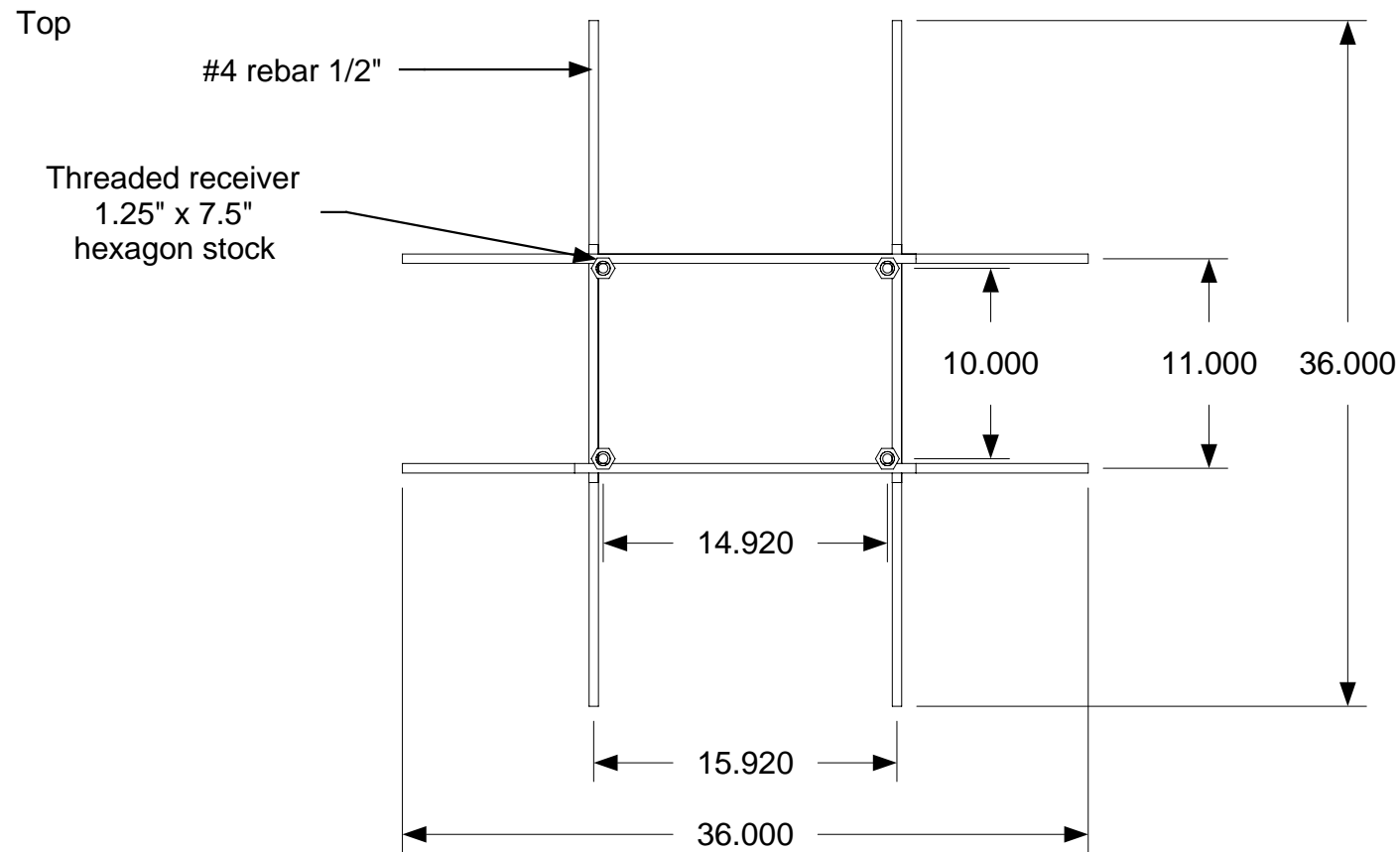


DRAWING

Bellfoot foundation
Type 2
Drafting
Intermediate
Bellfoot

MODEL(S): Hartford

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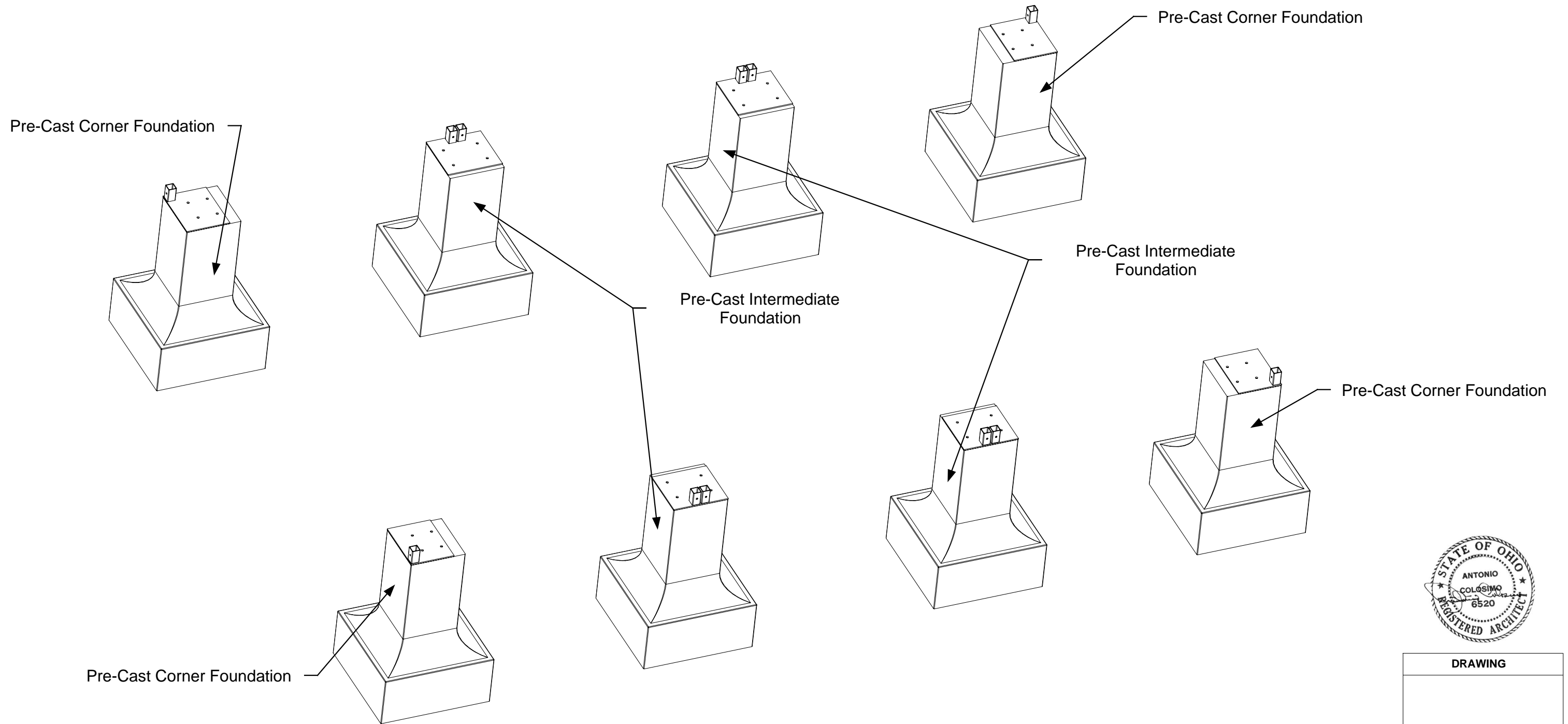


DRAWING

Bellfoot foundation
Type 2
Intermediate
Bellfoot
Reinforcement

MODEL(S): Hartford

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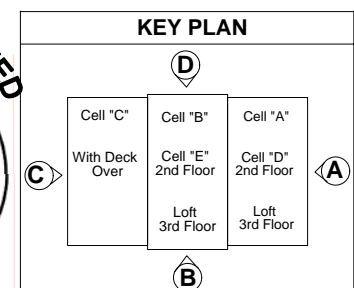


DRAWING

Bellfoot Foundation
Part Identification
Type 3

MODEL(S): Hartford

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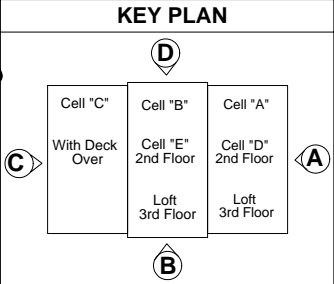
Bellfoot foundation Type 3
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

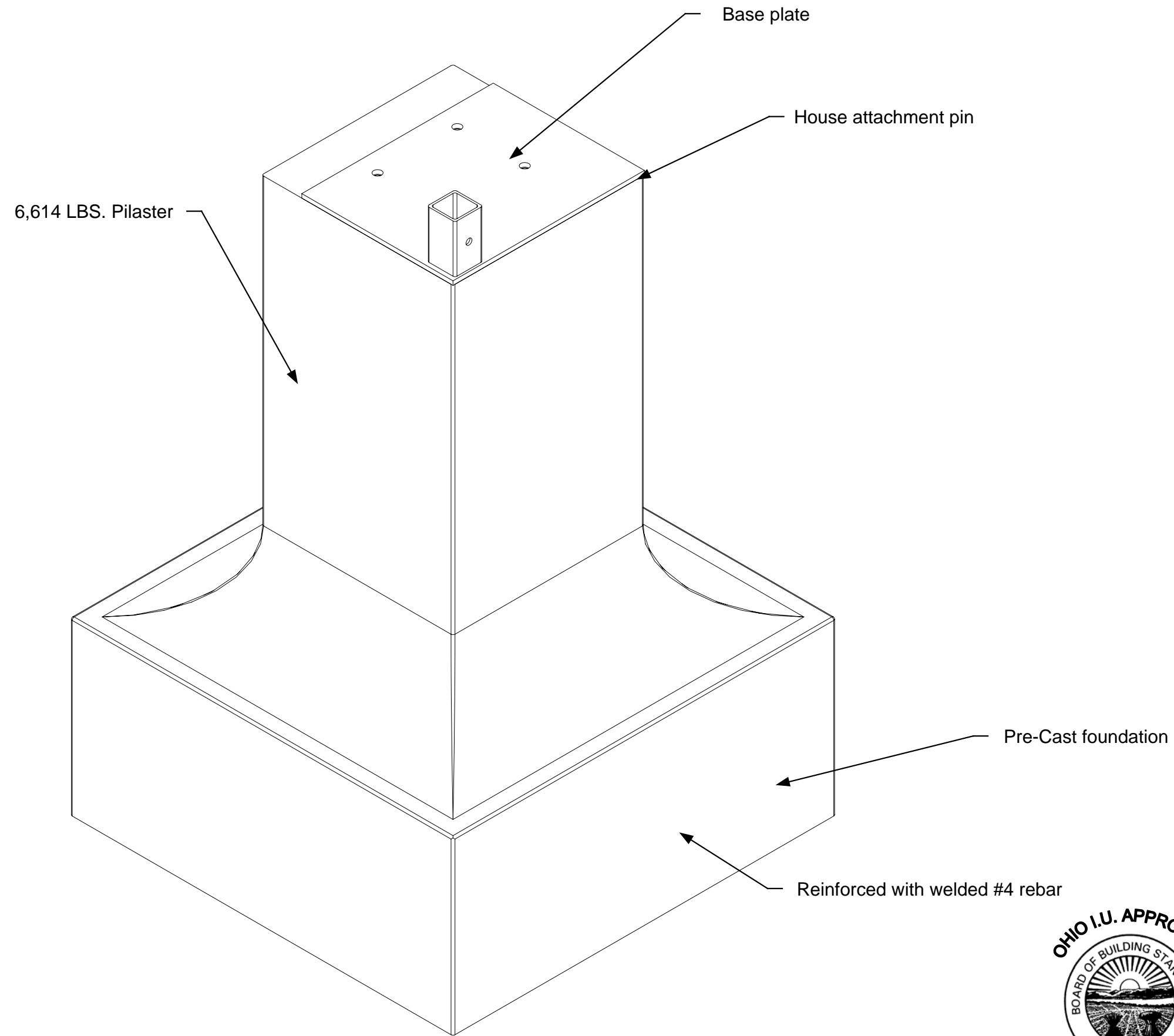
1E,5E,6E,7E,8E,9E,12E,17E,26E



KEY PLAN



DRAWING
Bellfoot Foundation Type 3 Architectural plan
MODEL(S): Hartford
PAGE 166A

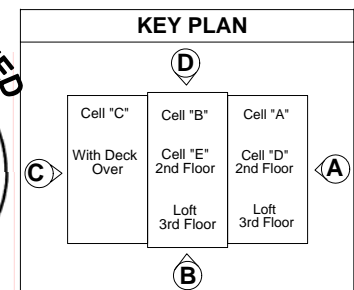


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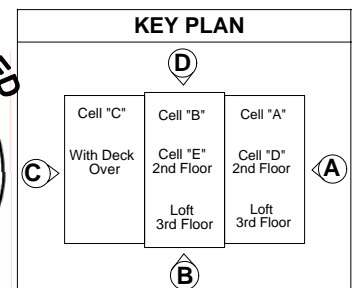
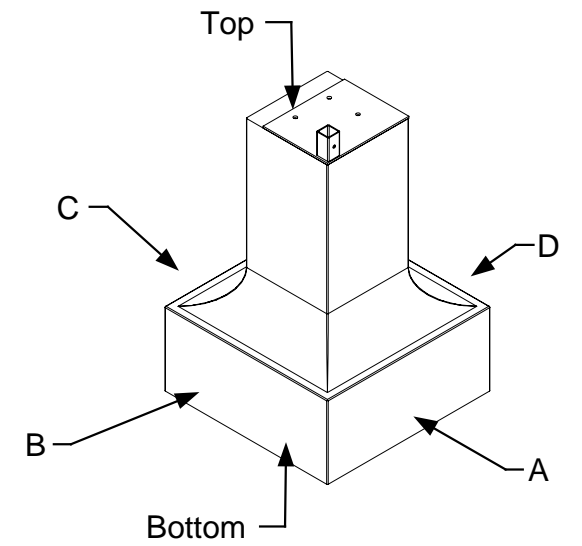
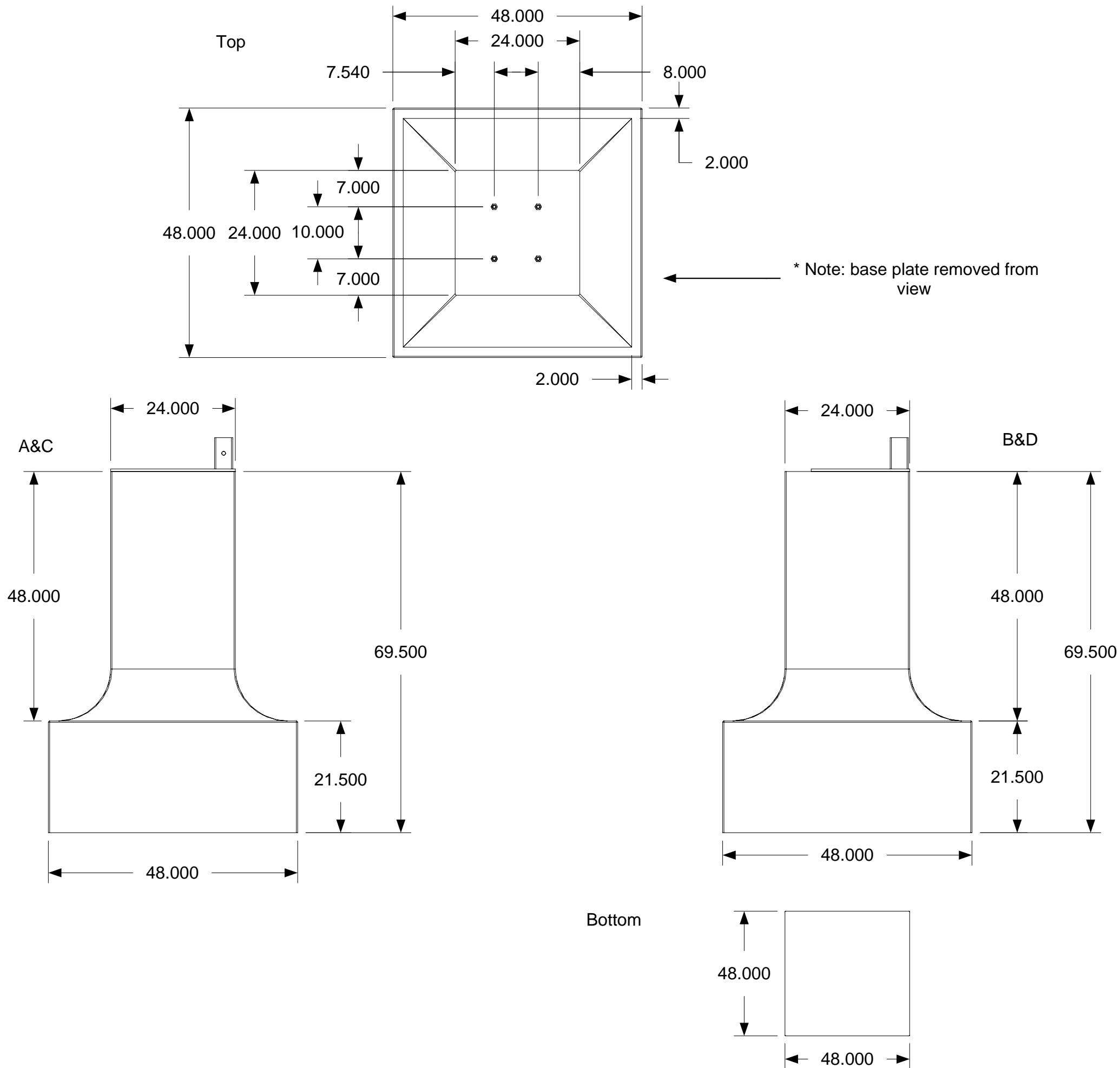
Bellfoot foundation
Type 3
Corner
Bellfoot
Part Identification

MODEL(S): Hartford

PAGE 167

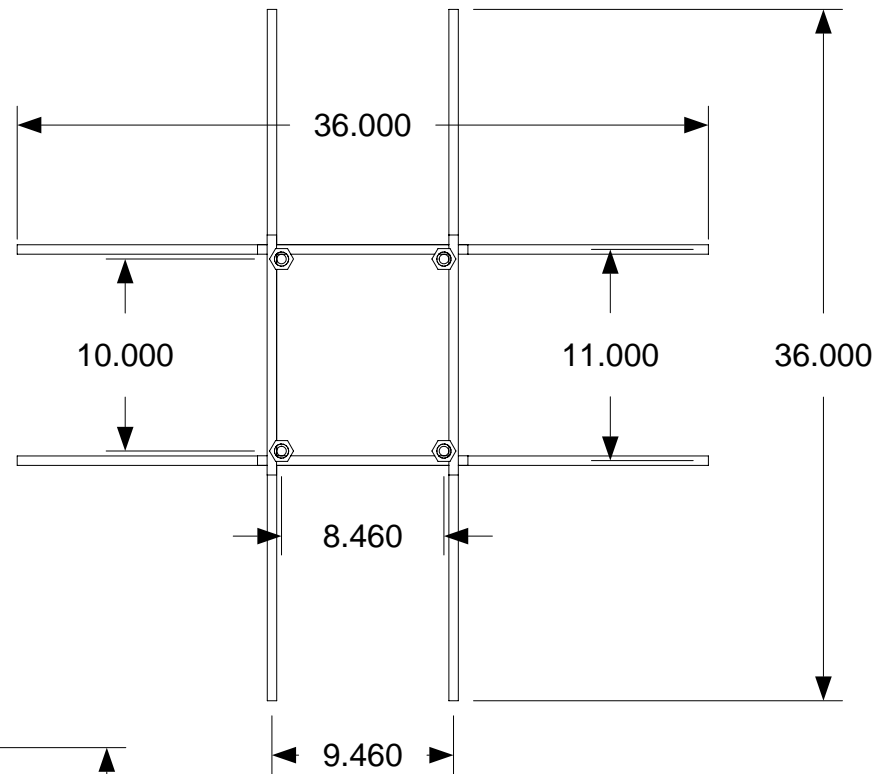


April 11, 2006
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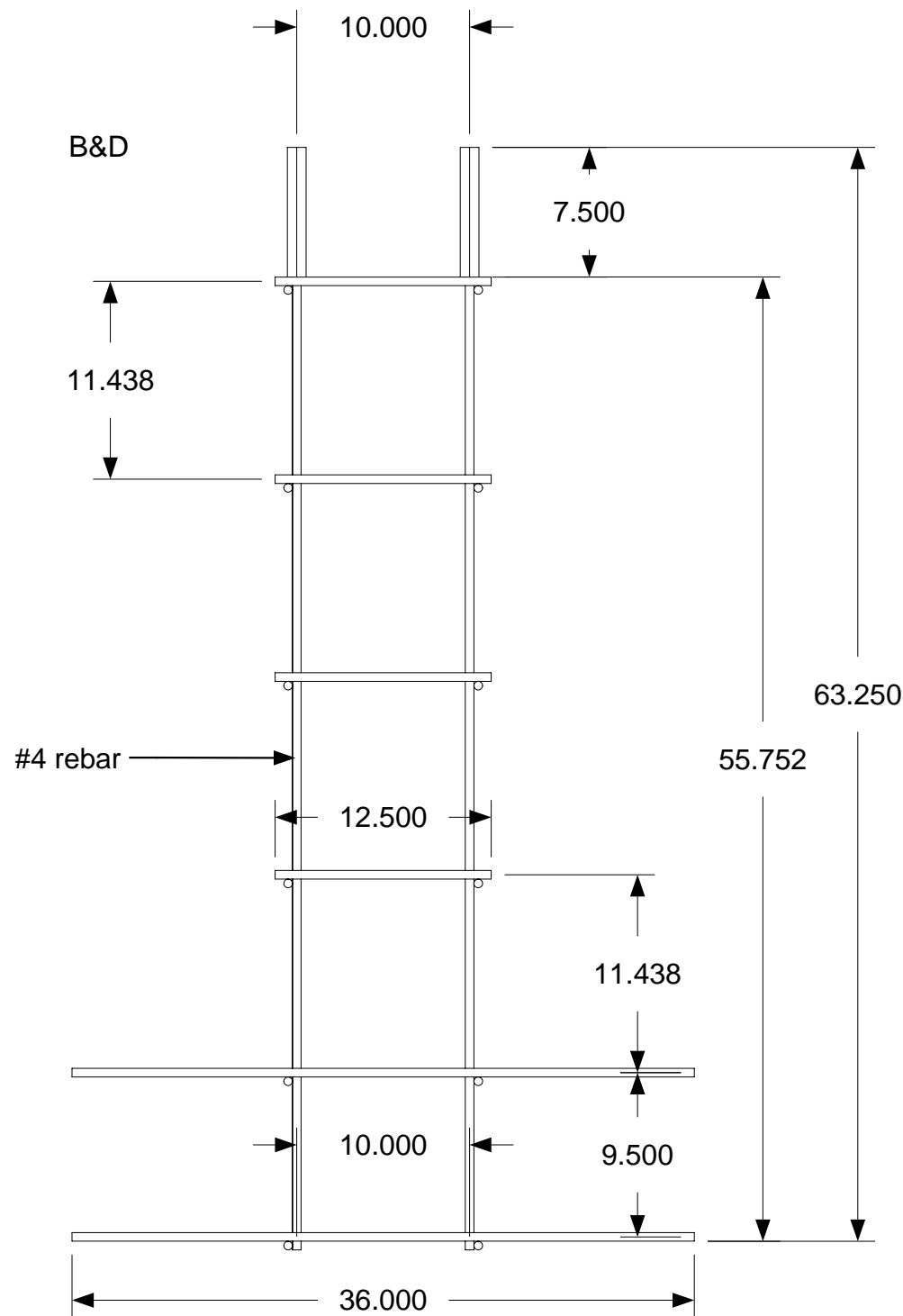


DRAWING	
Bellfoot foundation Type 3 Drafting Corner Bellfoot	
MODEL(S): Hartford	
PAGE 168	

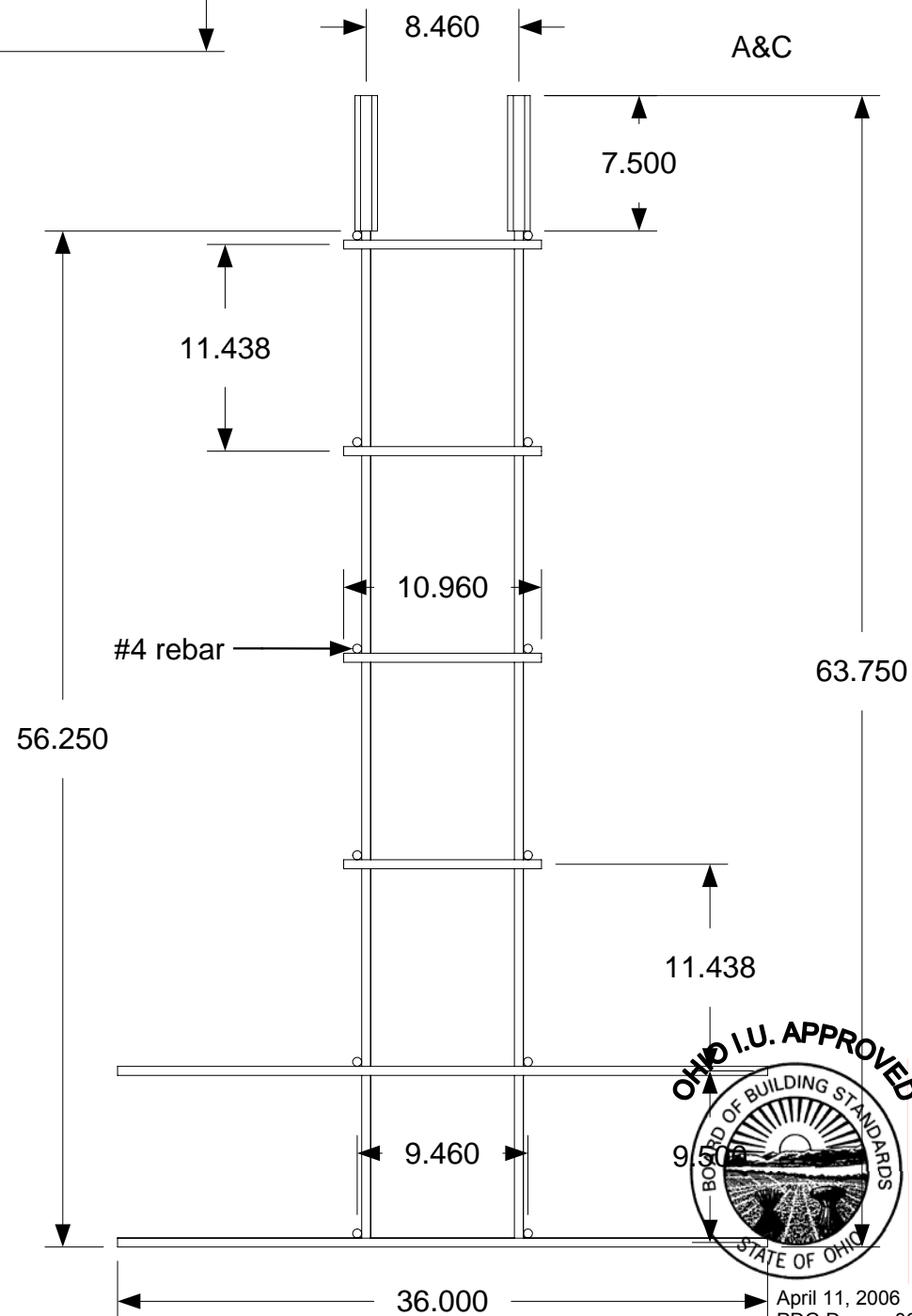
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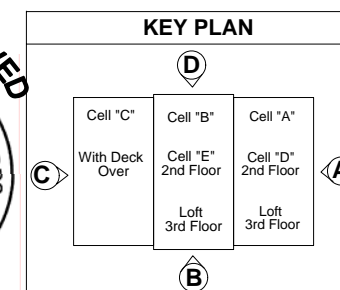
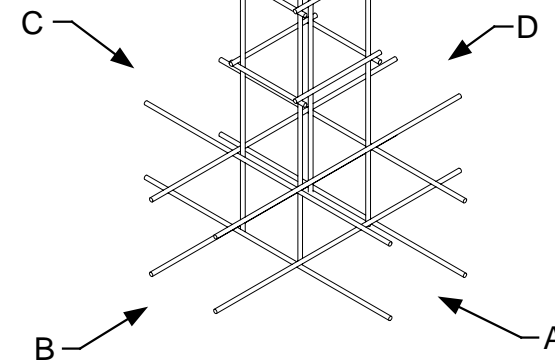
B&D



A&C



Top

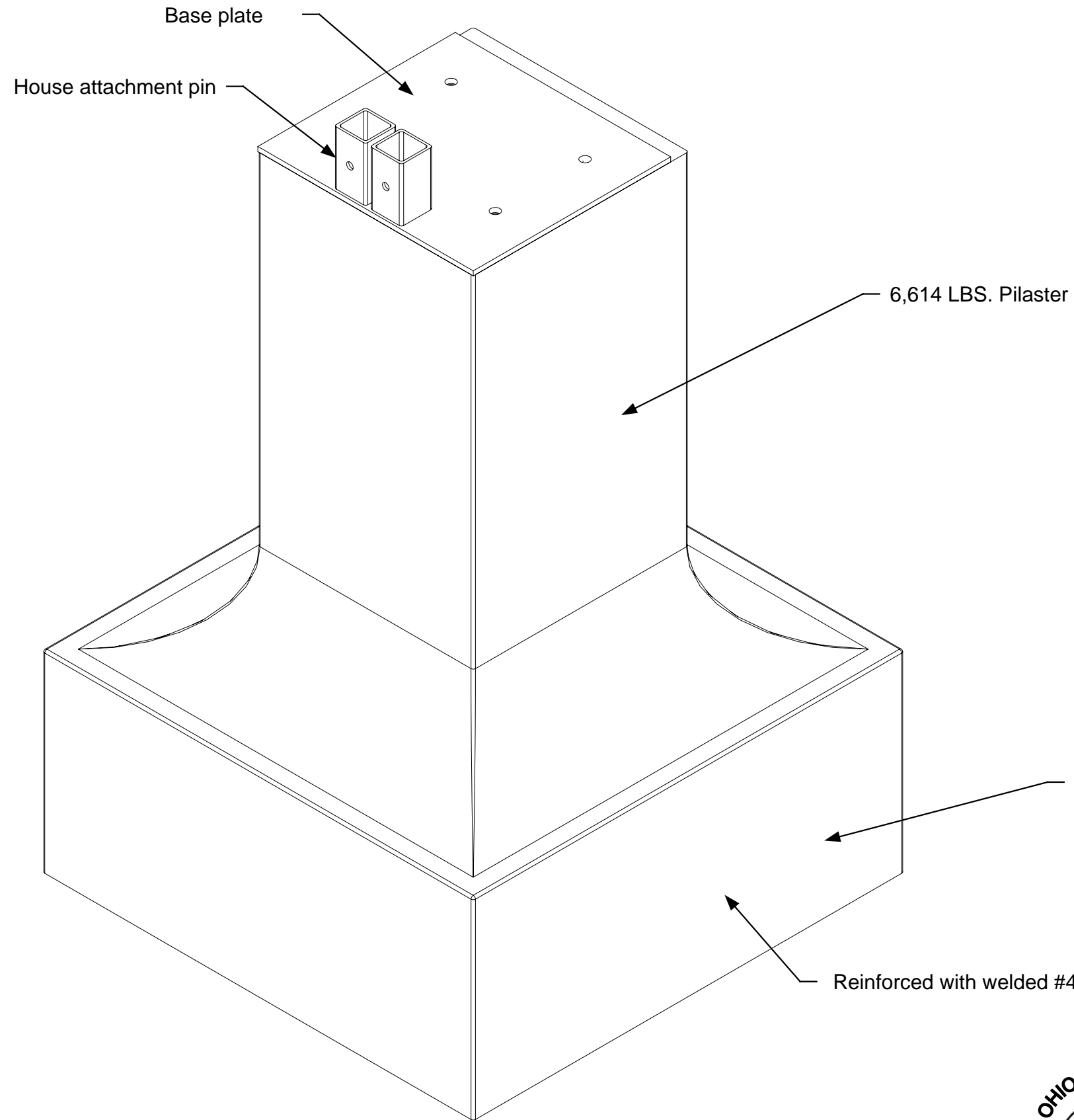


DRAWING

Bellfoot foundation
Type 3
Corner
Bellfoot
Reinforcement

MODEL(S): Hartford

PAGE 169

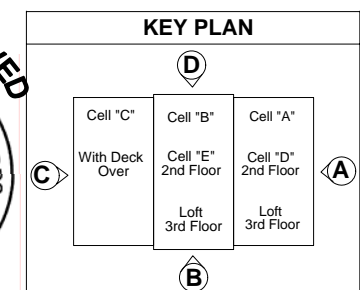


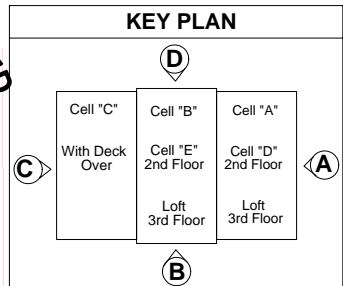
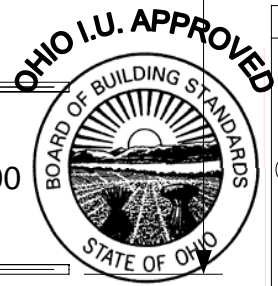
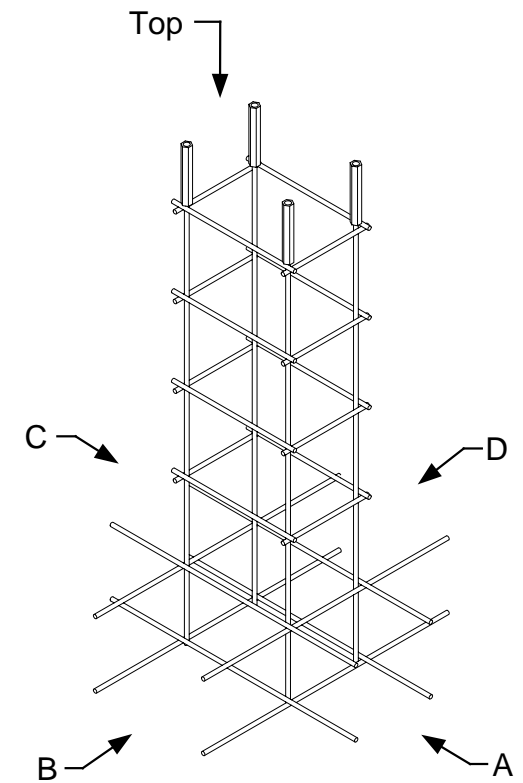
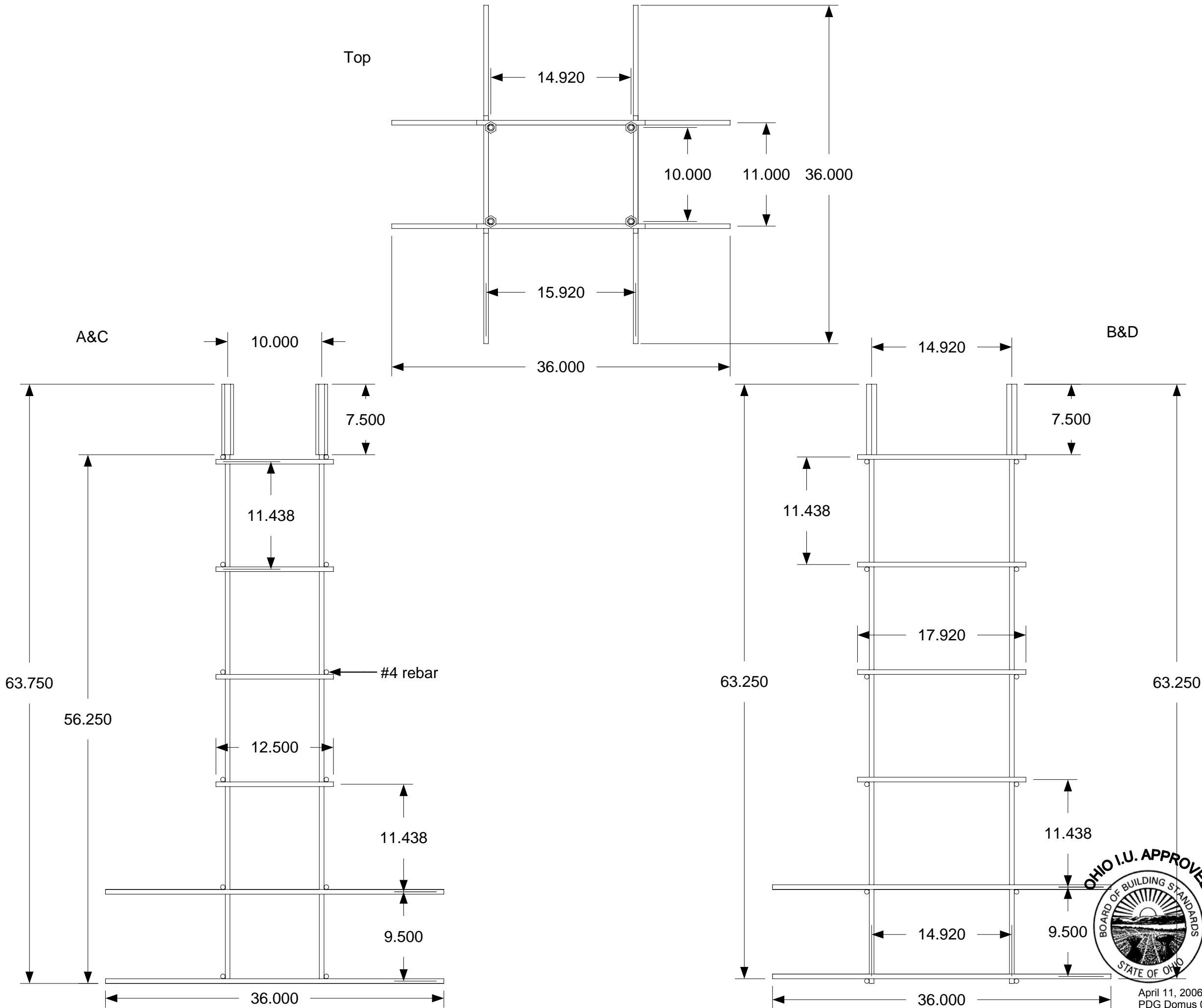
DRAWING

Bellfoot foundation
Type 3
Intermediate
Bellfoot
Part Identification

MODEL(S): Hartford

PAGE 170





DRAWING

Center bell foot
foundation
reinforcement

Type 3



MODEL(S): Hartford

PAGE 172

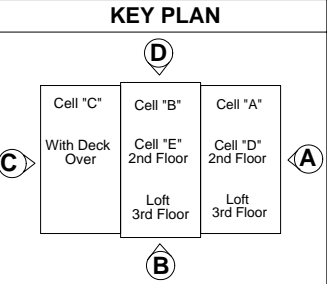
Bellfoot foundation Type 4
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

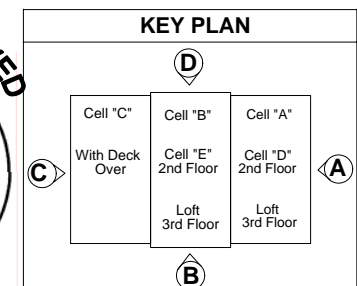
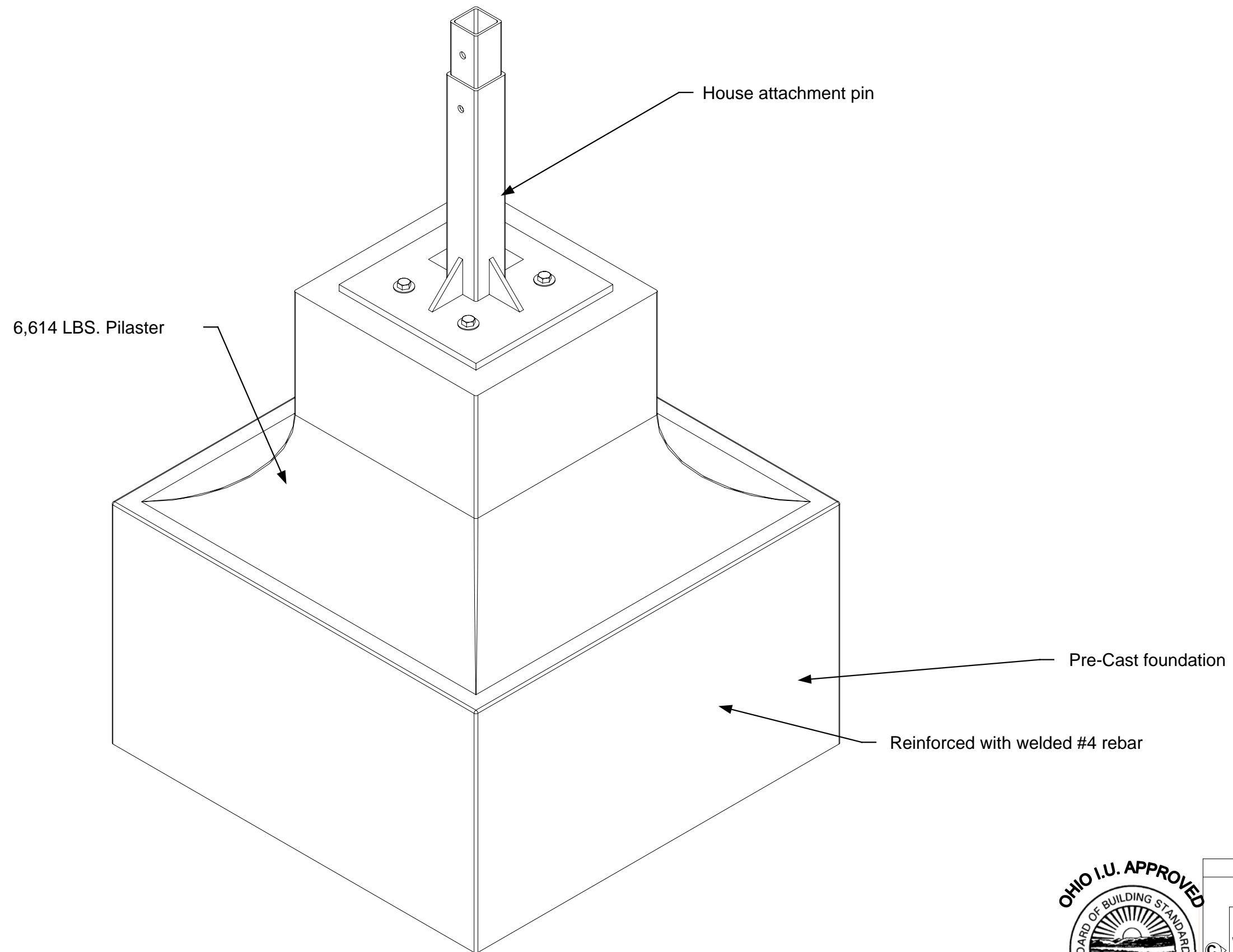
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KEY PLAN



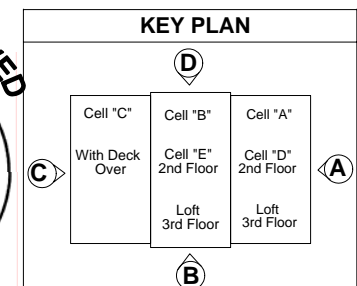
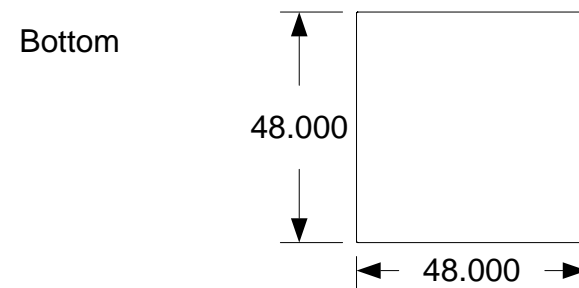
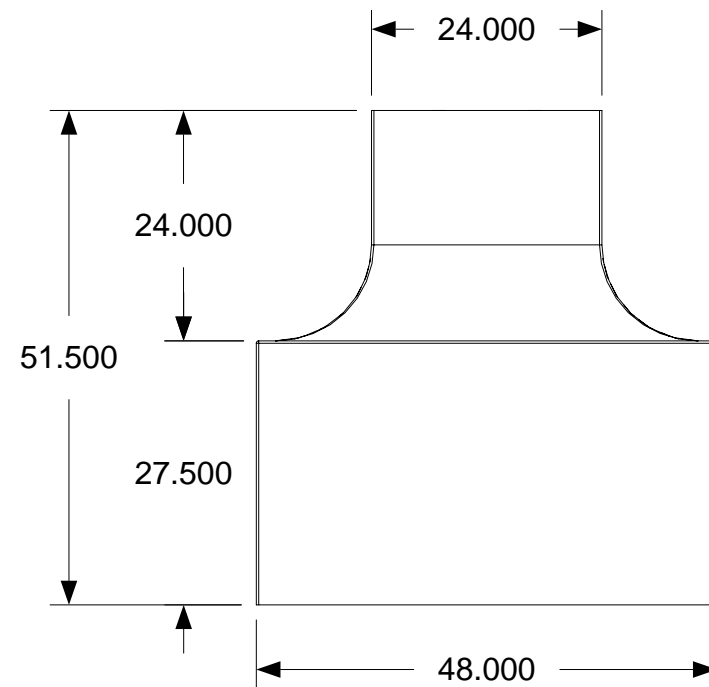
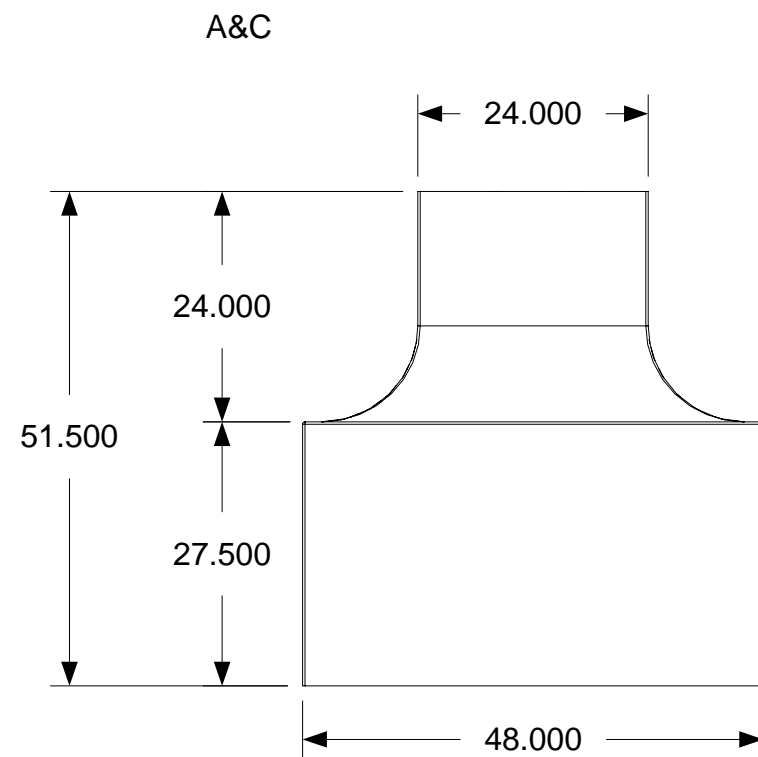
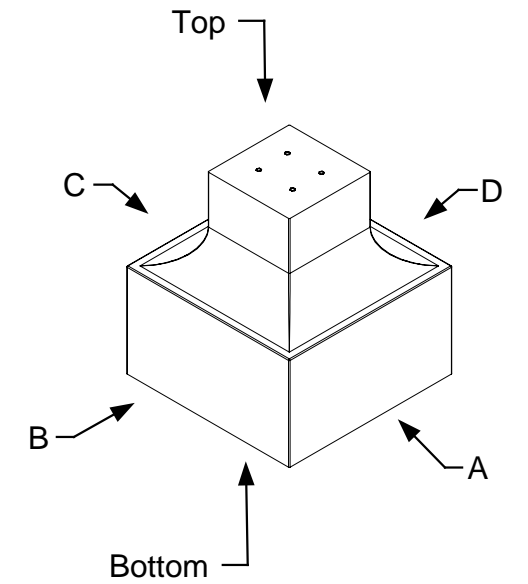
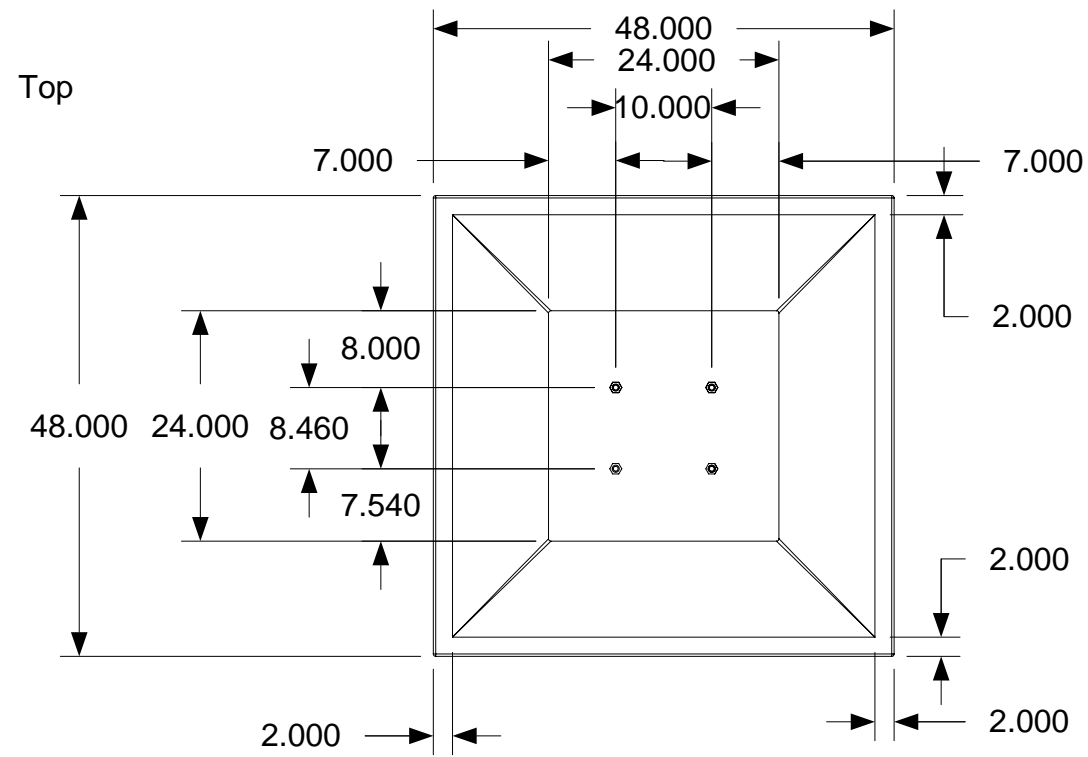
DRAWING
Bellfoot Foundation Type 4 Architectural plan
MODEL(S): Hartford
PAGE 173A



Bellfoot foundation
Type 4
Corner
Bellfoot
Part Identification

MODEL(S): Hartford

PAGE 174

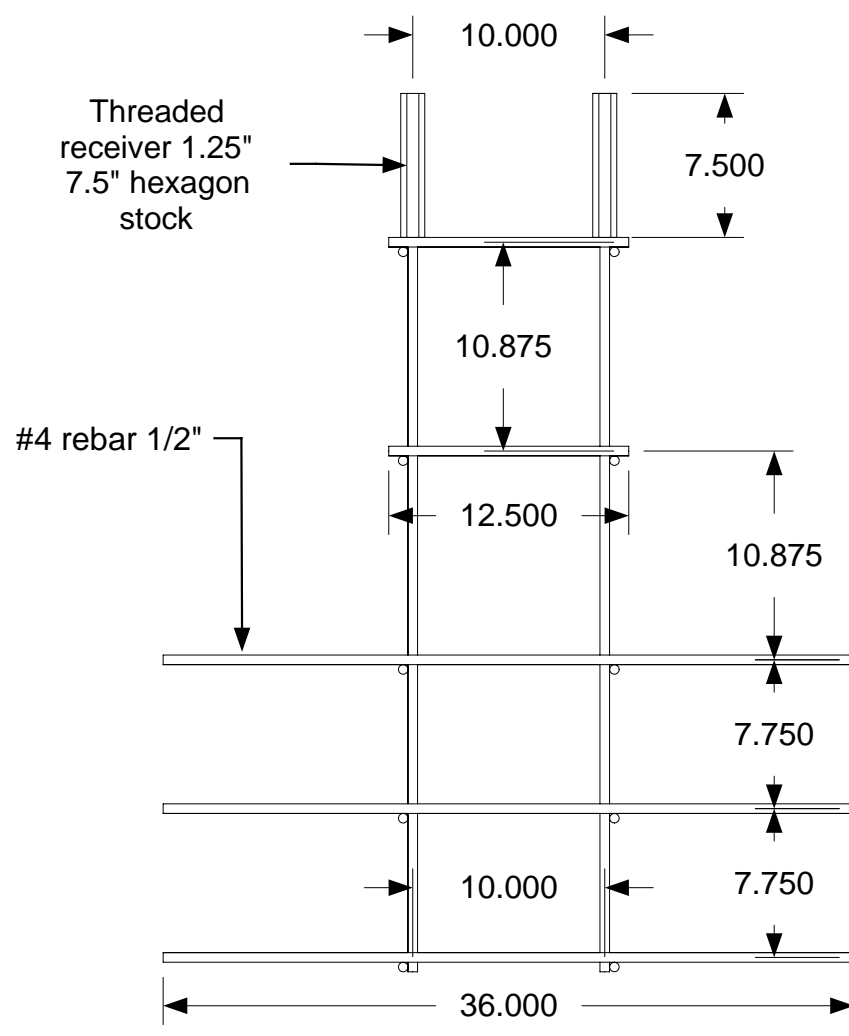
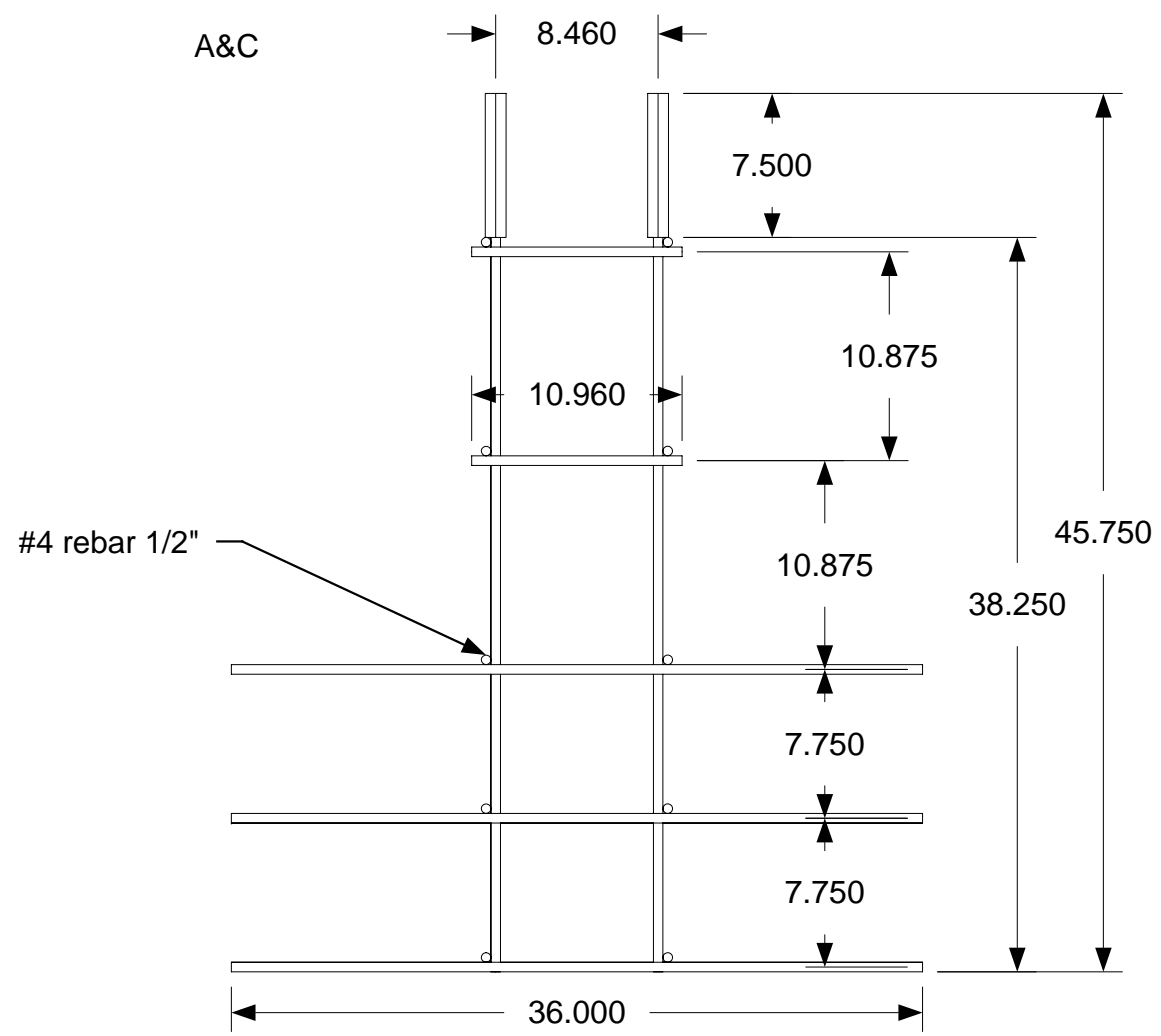
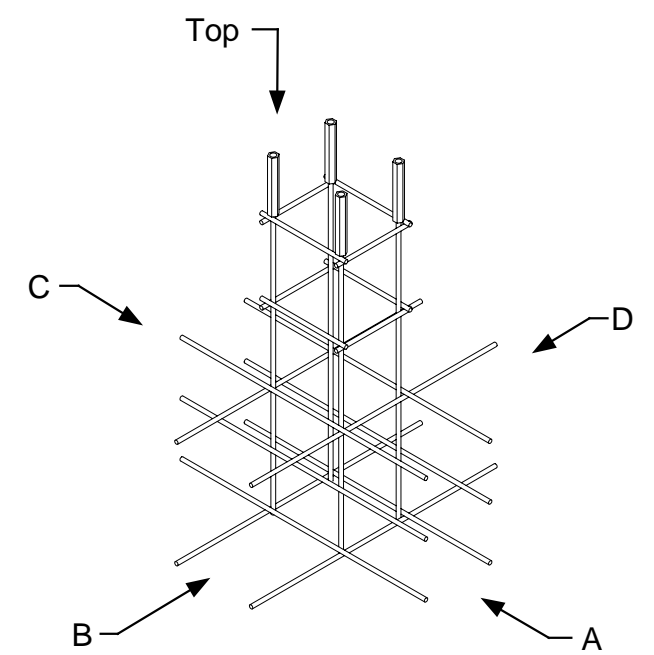
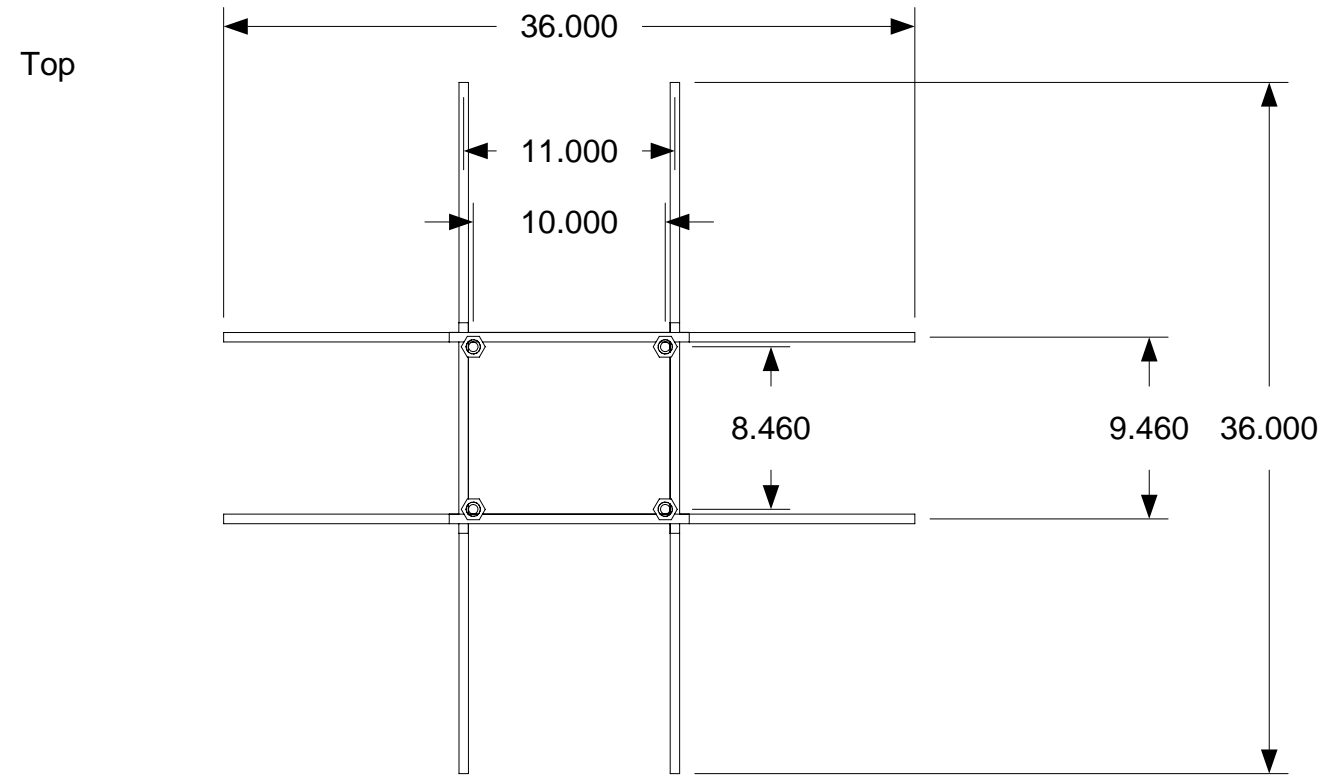


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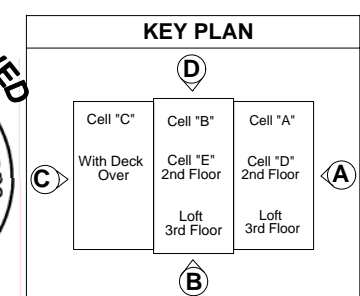
Bellfoot foundation
Type 4
Drafting
Corner
Bellfoot

MODEL(S): Hartford

PAGE 175



B&D

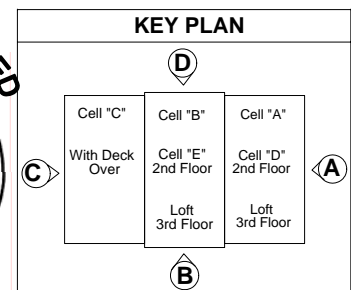
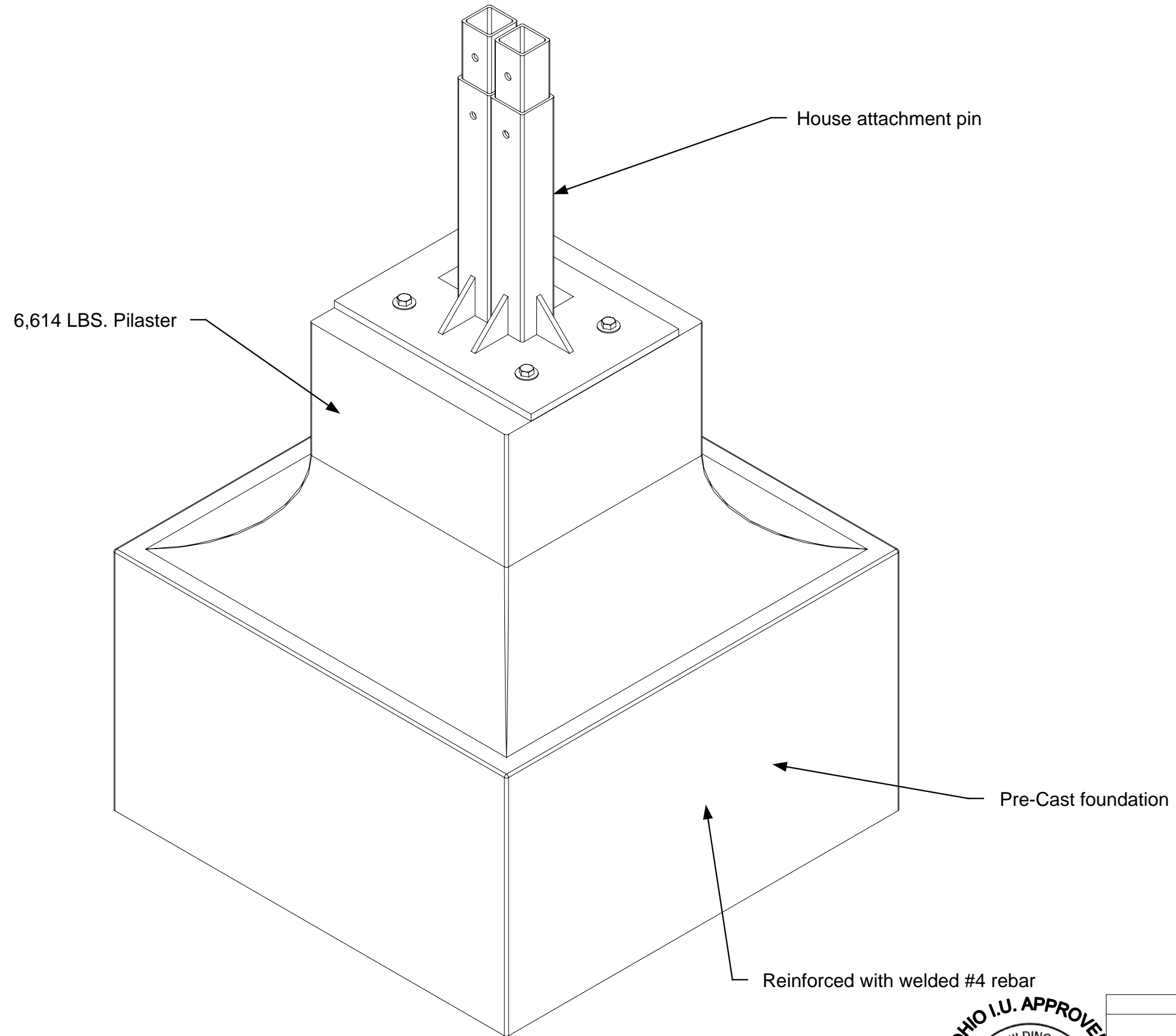


DRAWING

Bellfoot foundation
Type 4
Corner
Bellfoot
Reinforcement

MODEL(S): Hartford

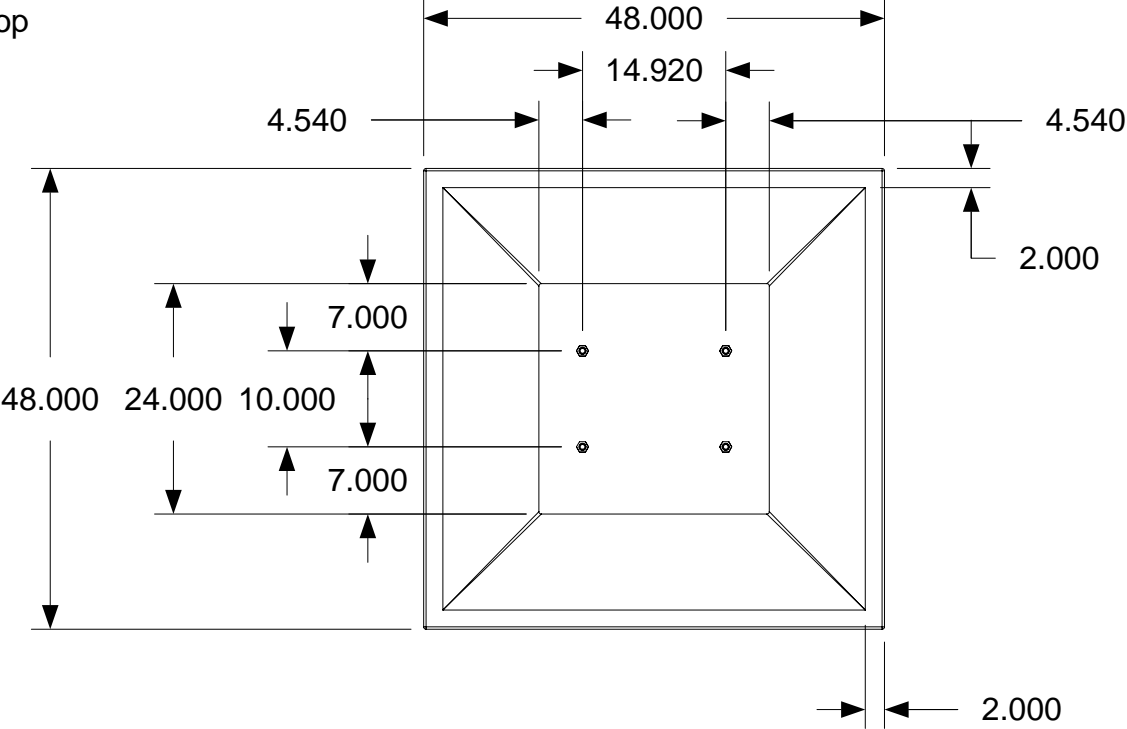
PAGE 176



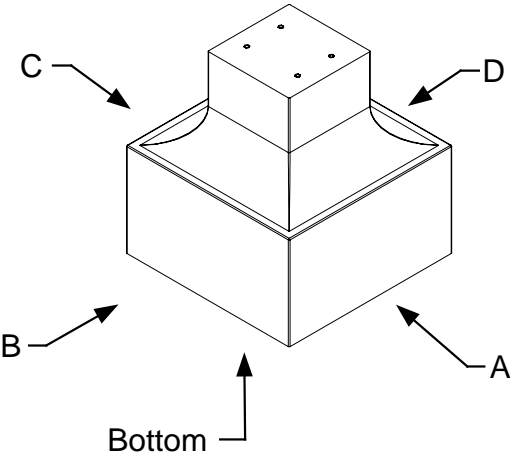
April 11, 2006
PDG Domus 060323-1

DRAWING
Bellfoot foundation Type 4 Intermediate Bellfoot Part Identification
MODEL(S): Hartford
PAGE 177

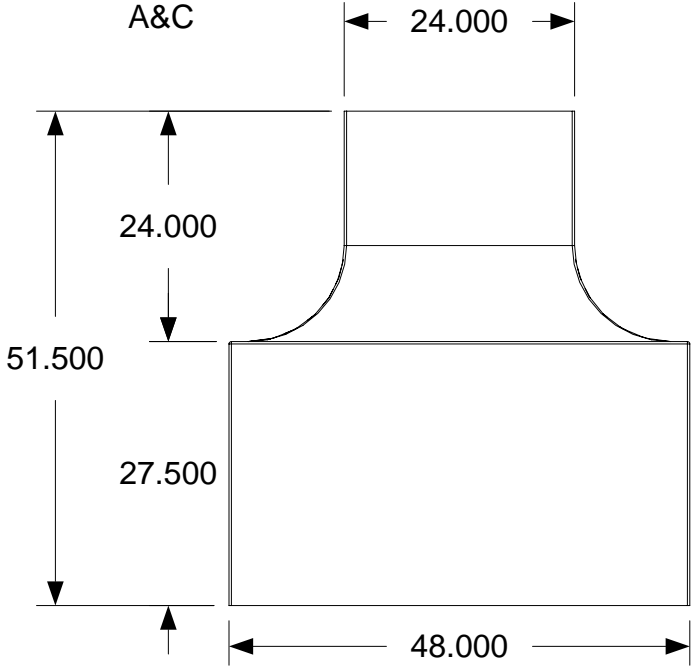
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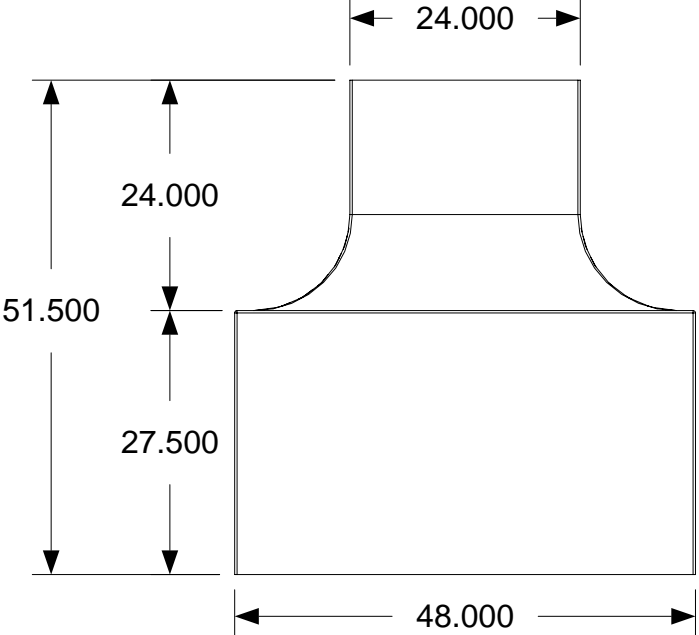
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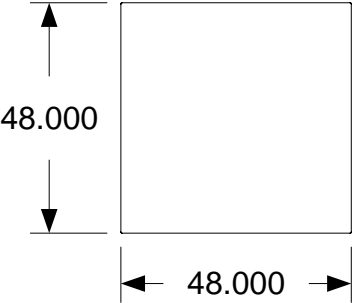
A&C



B&D



Bottom

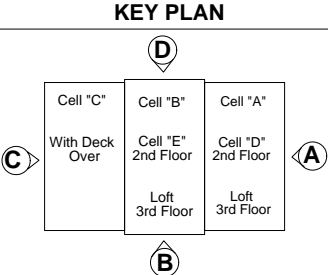


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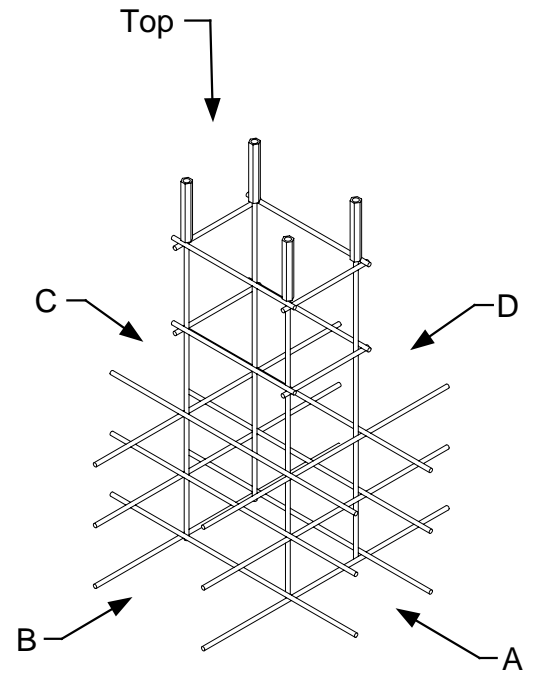
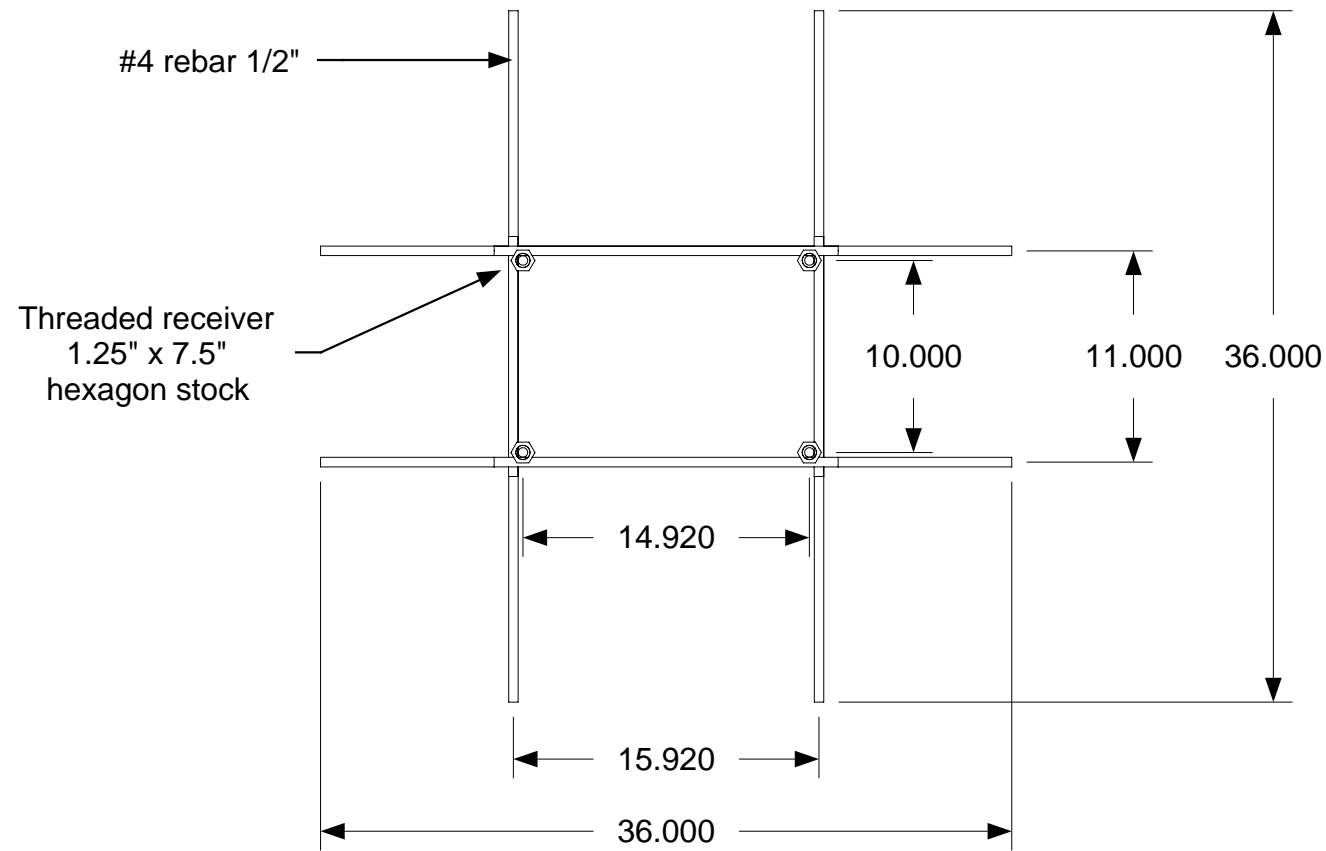
Bellfoot foundation
Type 4
Drafting
Intermediate
Bellfoot

MODEL(S): Hartford

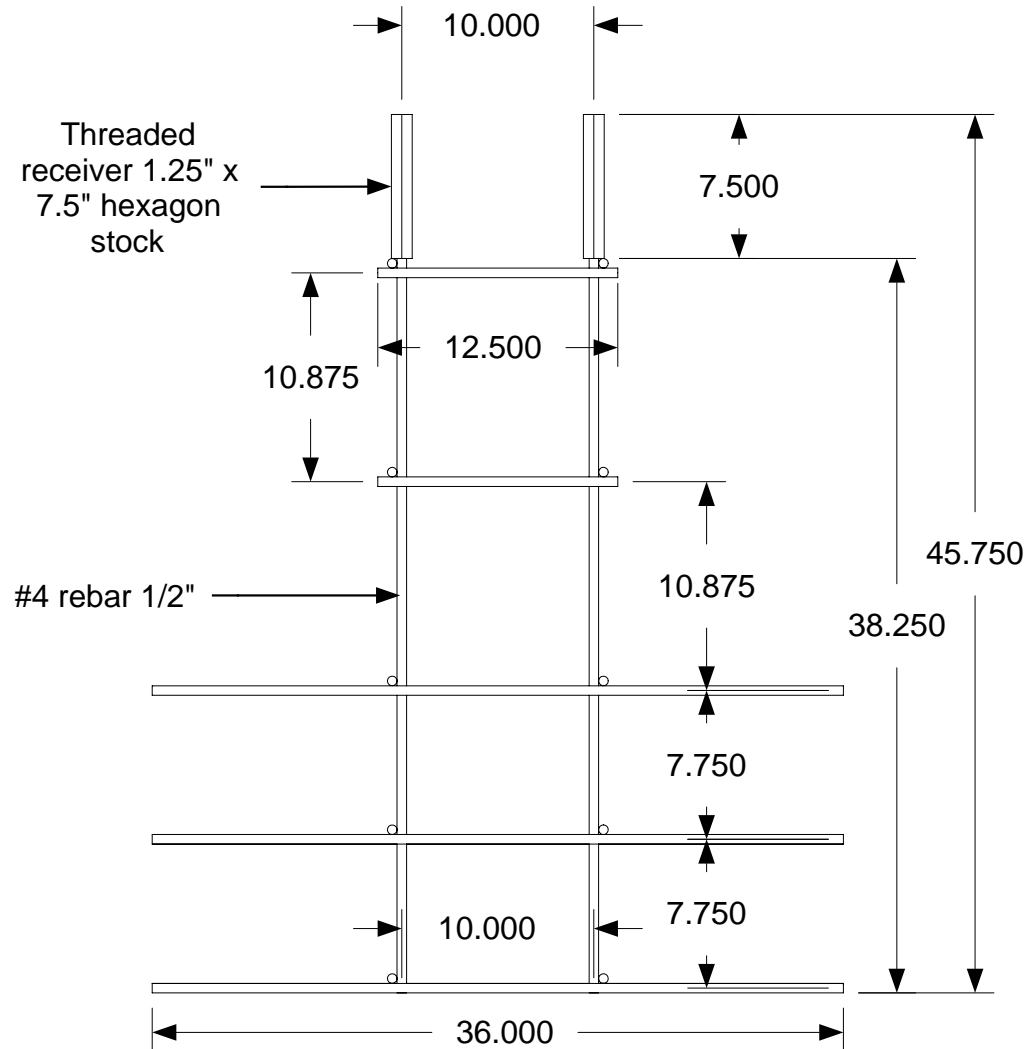
PAGE 178



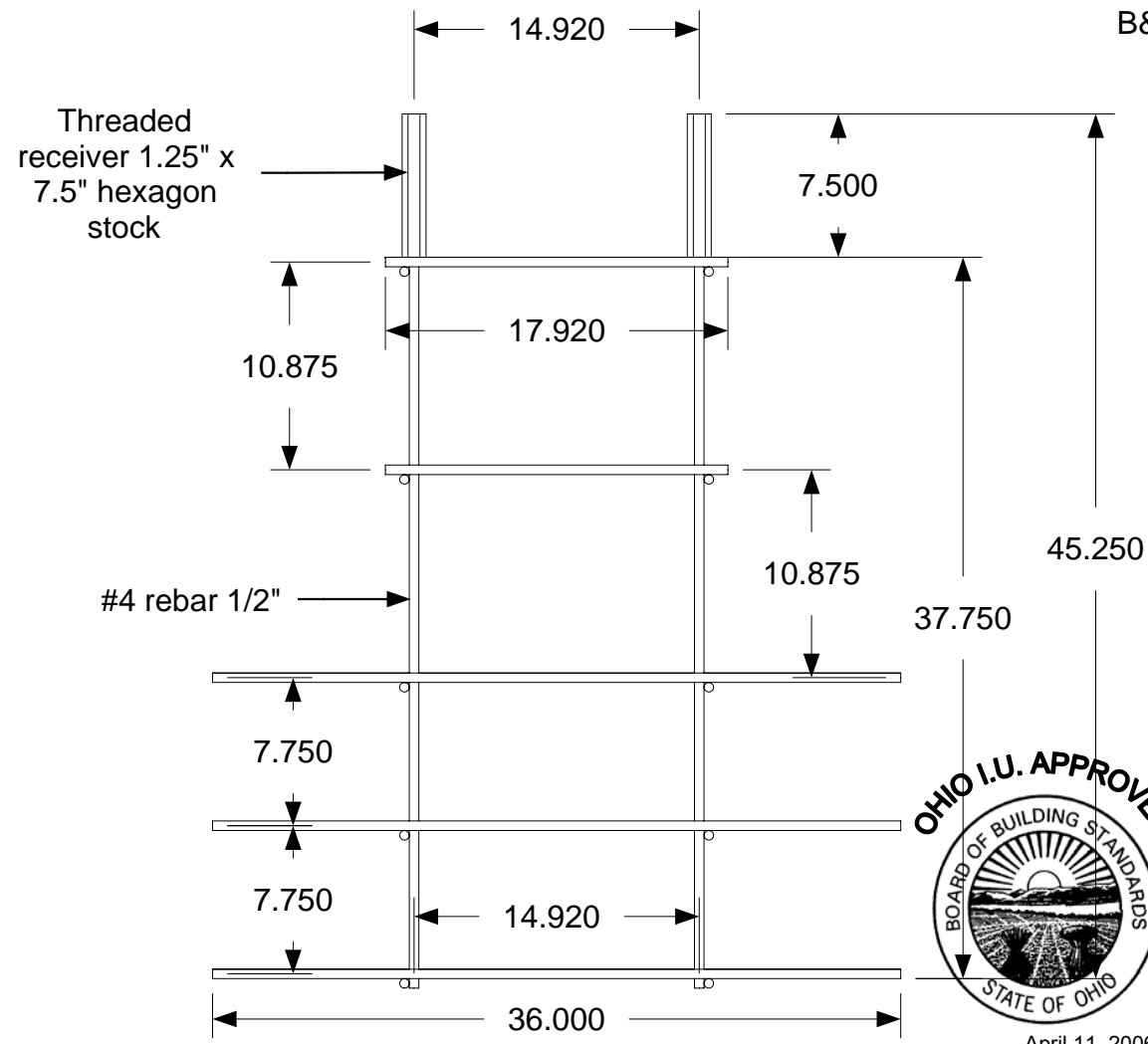
Top



A&C



B&D

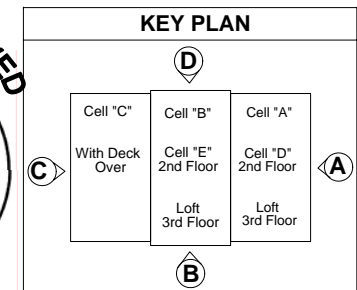
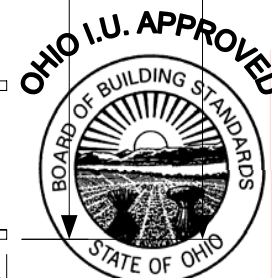


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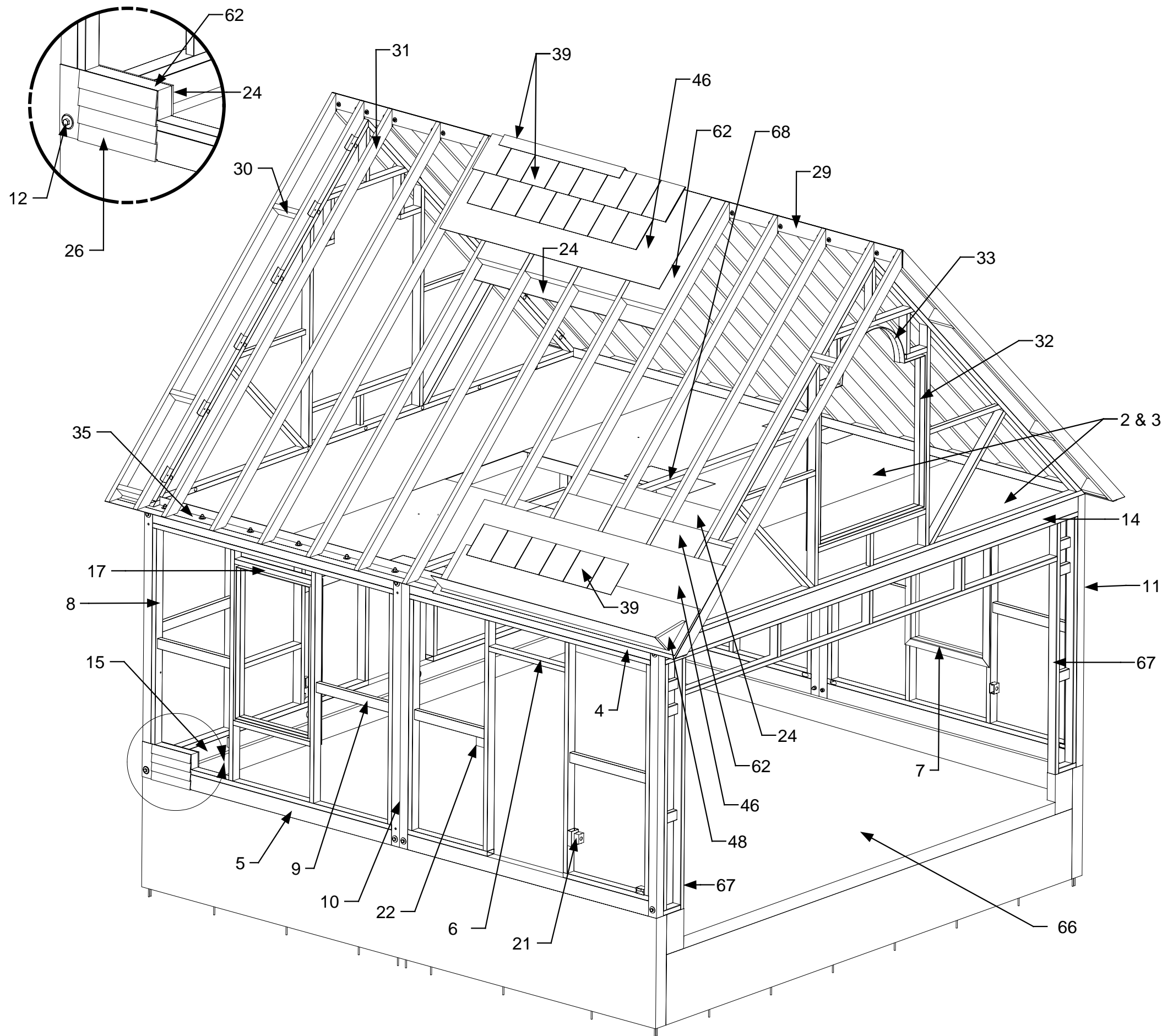
Bellfoot foundation
Type 4
Intermediate
Bellfoot
Reinforcement

MODEL(S): Hartford

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PDG Domus 060323-1



2	Floor Joist
3	Floor Plate
4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
14	Top Girder
15	Bottom Girder
17	Window Header
21	Electrical Recepticle
22	Electrical Switch
24	Drywall
26	Exterior Panel
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
33	End Gable Window Header
35	Rafter Connector Plate
39	Roof Shingle-Cap (composite)
46	Roof Deck (composite)
48	Box Gutter (composite)
62	Insulation
66	Concrete Foundation (Typical)
67	Door Track
68	Door Motor Mounts

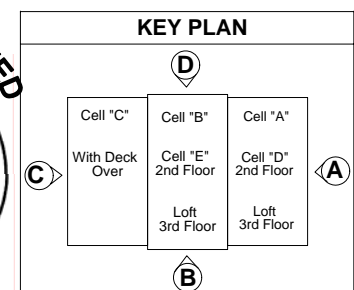


DRAWING

Definitions-Parts
Identification
2 Car Garage
Type 1

MODEL(S): Hartford

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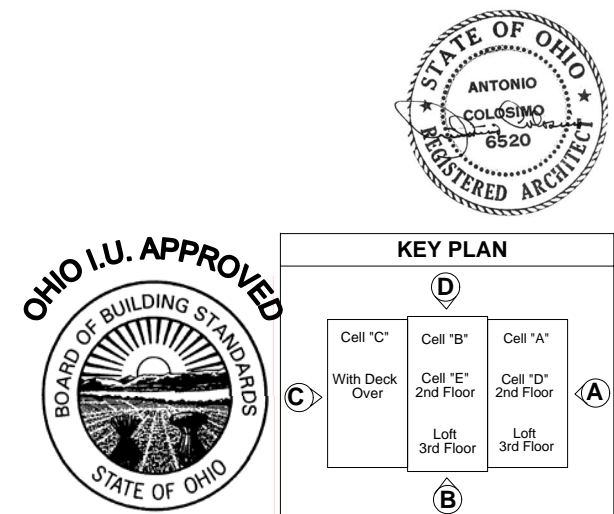


April 11, 2006
PDG Domus 060323-1

2 Car Garage Type 1 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

G2.4



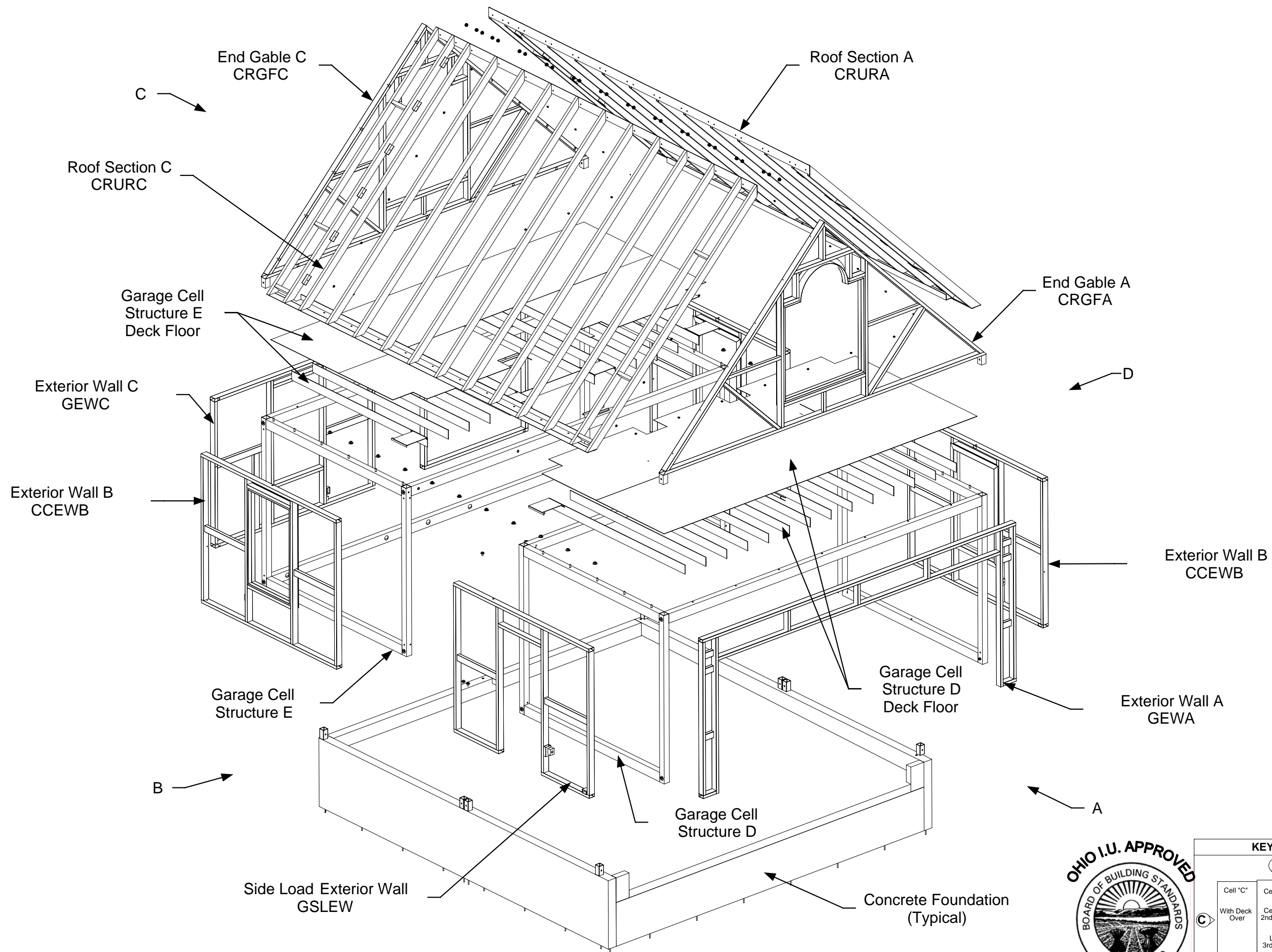
DRAWING

Manufacturing
Garage
2 Car Type 1
Architectural Plan

MODEL(S): Hartford

PAGE 180A

April 11, 2006
PDG Domus 060323-1

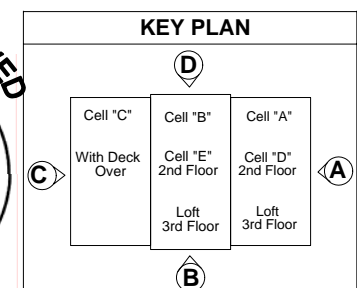


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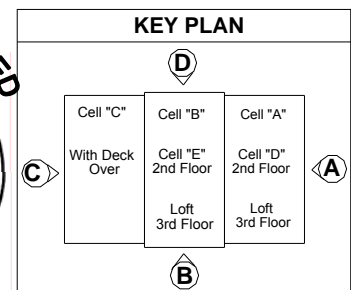
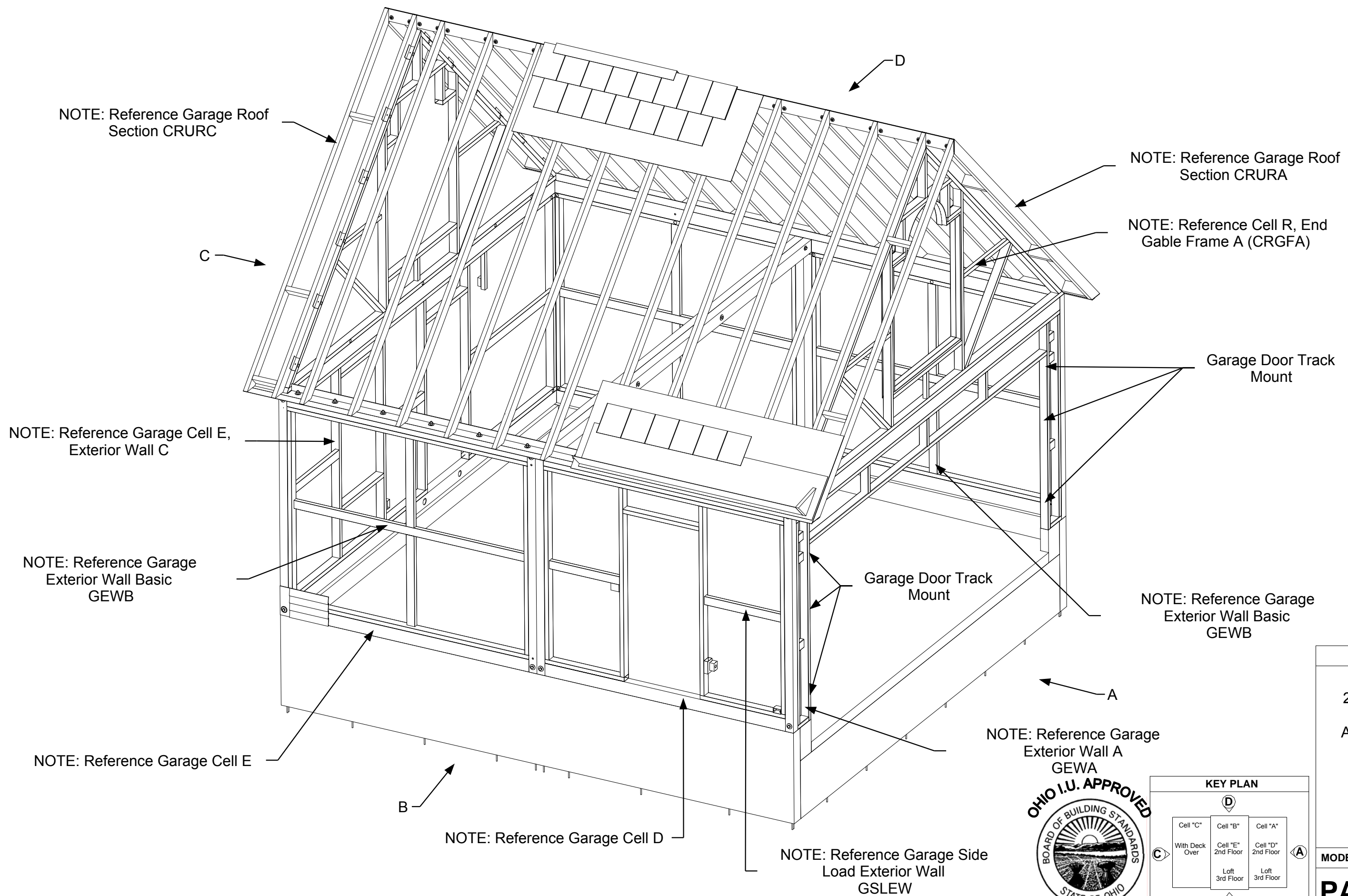
2 car garage-
Assembly
Type 1
Sub-assembly
Part
identification
Exploded view

MODEL(S): Hartford

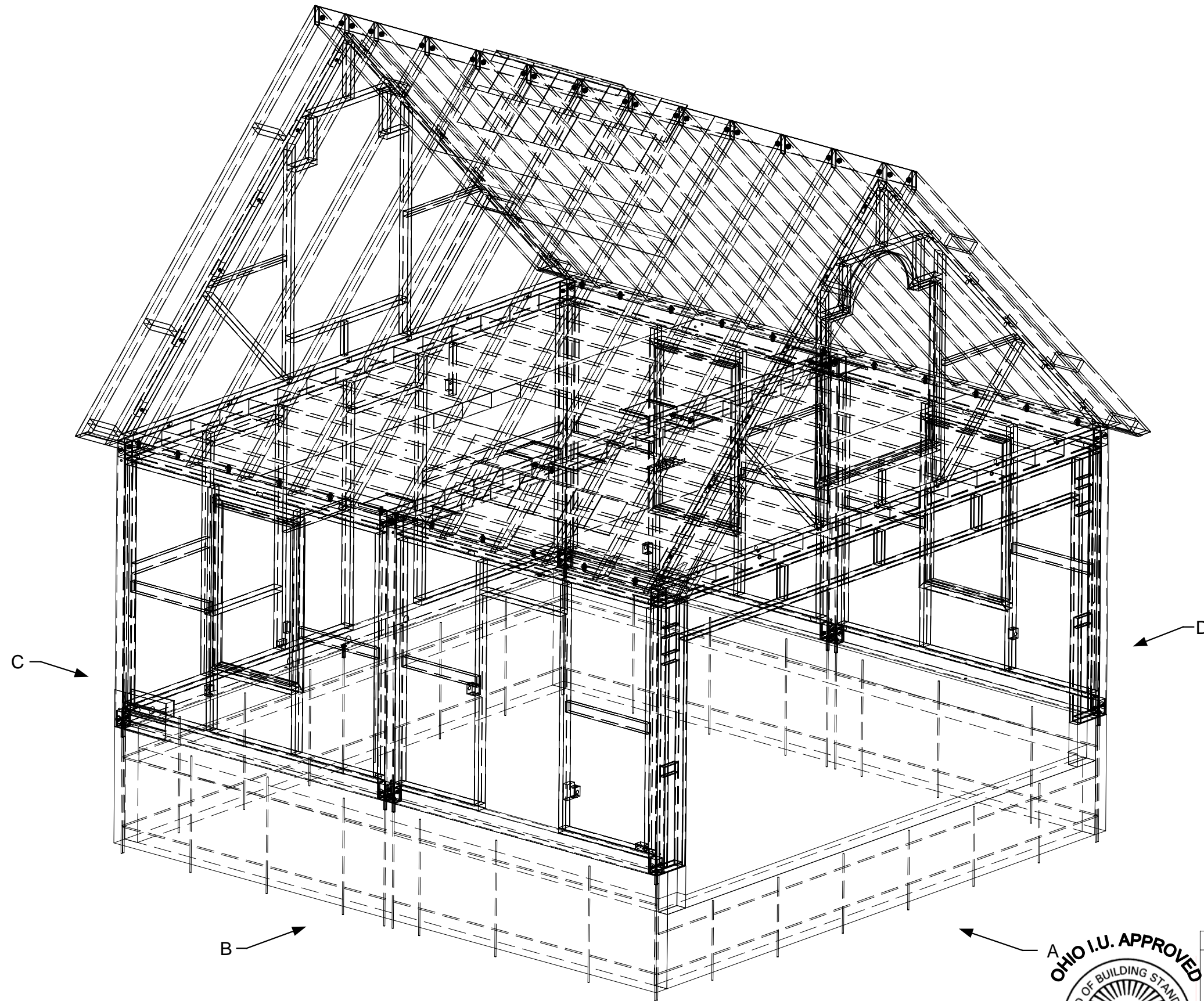
PAGE 181



April 11, 2006
PDG Domus 060323-1



DRAWING
2 Car Garage Type 2 Assembly-Cell References
MODEL(S): Hartford
PAGE 182

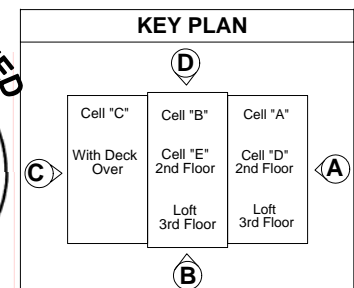


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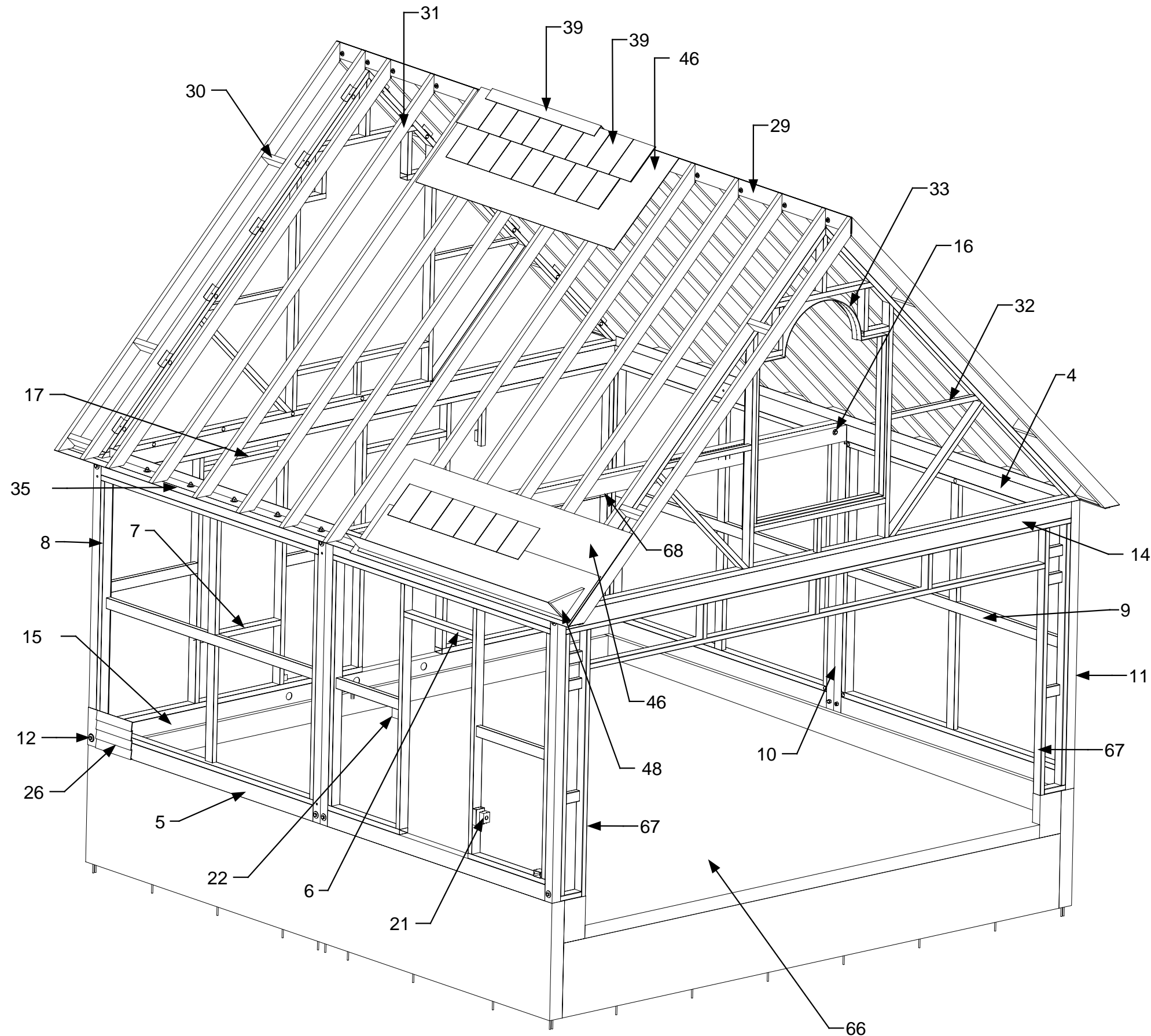
Manufacturing
2 Car Garage
Type 1
Assembly-Cell
Wireframe view

MODEL(S): Hartford

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April 11, 2006
PDG Domus 060323-1



4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
21	Electrical Recepticle
22	Electrical Switch
26	Exterior Panel
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
35	Rafter Connector Plate
39	Roof Shingle-Cap (composite)
46	Roof Deck (composite)
48	Box Gutter (composite)
66	Concrete Foundation (Typical)
67	Door Track
68	Door Motor Mounts

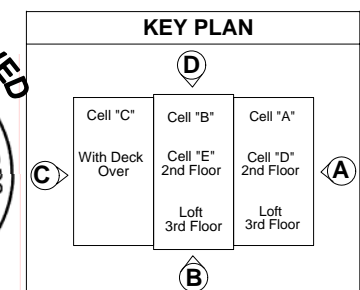


DRAWING

Definitions-Parts
Identification
2 Car Garage
Type 2

MODEL(S): Hartford

PAGE 184



2 Car Garage Type 2
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

G2.2

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

April 11, 2006

PDG Domus 060323-1

ANTONIO COLASIMO

6520

REGISTERED ARCHITECT

STATE OF OHIO

KEY PLAN

Cell "C"
With Deck
Over

Cell "B"
Cell "E"
2nd Floor
Loft
3rd Floor

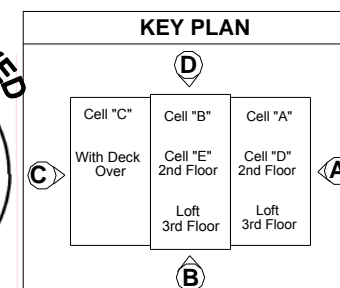
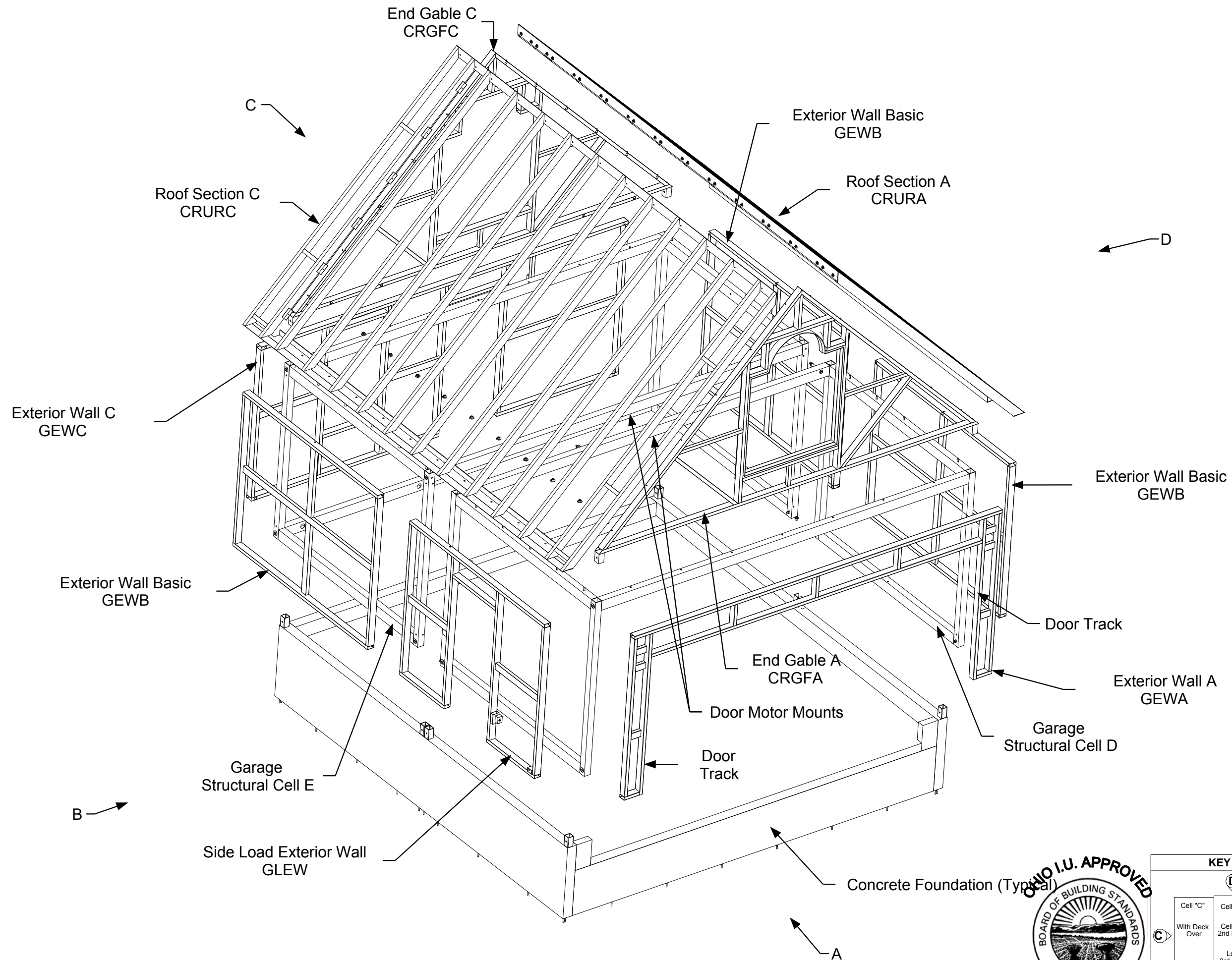
Cell "A"
Cell "D"
2nd Floor
Loft
3rd Floor

DRAWING

Manufacturing
Garage
2 Car Type 2
Architectural Plan

MODEL(S): Hartford

PAGE 184A



DRAWING

Manufacturing
2 Car Garage
Type 2
Assembly-Cell
Sub-assembly-Part
identification Type 2
Exploded view

MODEL(S): Hartford

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NOTE: For reference information regarding detail information
see below for category and page numbers
in Plant Manufacturing Manual

Wall Sections: 22 - 25A
Exterior Wall Welding: 30
Ceiling Joist Welding: 37E
Electrical: 109D - 109H

NOTE: Reference Garage Roof
Section CRURA

NOTE: Reference Cell R, End
Gable Frame A (CRGFA)

Garage Door Track
Mount

NOTE: Reference Garage
Exterior Wall Basic
GEWB

NOTE: Reference Garage
Exterior Wall A
GEWA

NOTE: Reference Garage Side
Load Exterior Wall
GSLEW

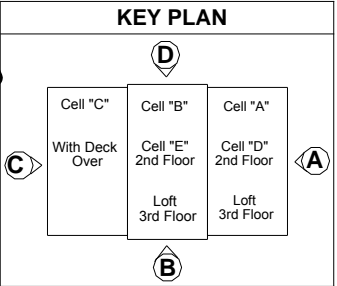
NOTE: Reference Garage Cell D

NOTE: Reference Garage Cell E

NOTE: Reference Garage
Exterior Wall Basic
GEWB

NOTE: Reference Garage Cell E,
Exterior Wall C

NOTE: Reference Garage Roof
Section CRURC



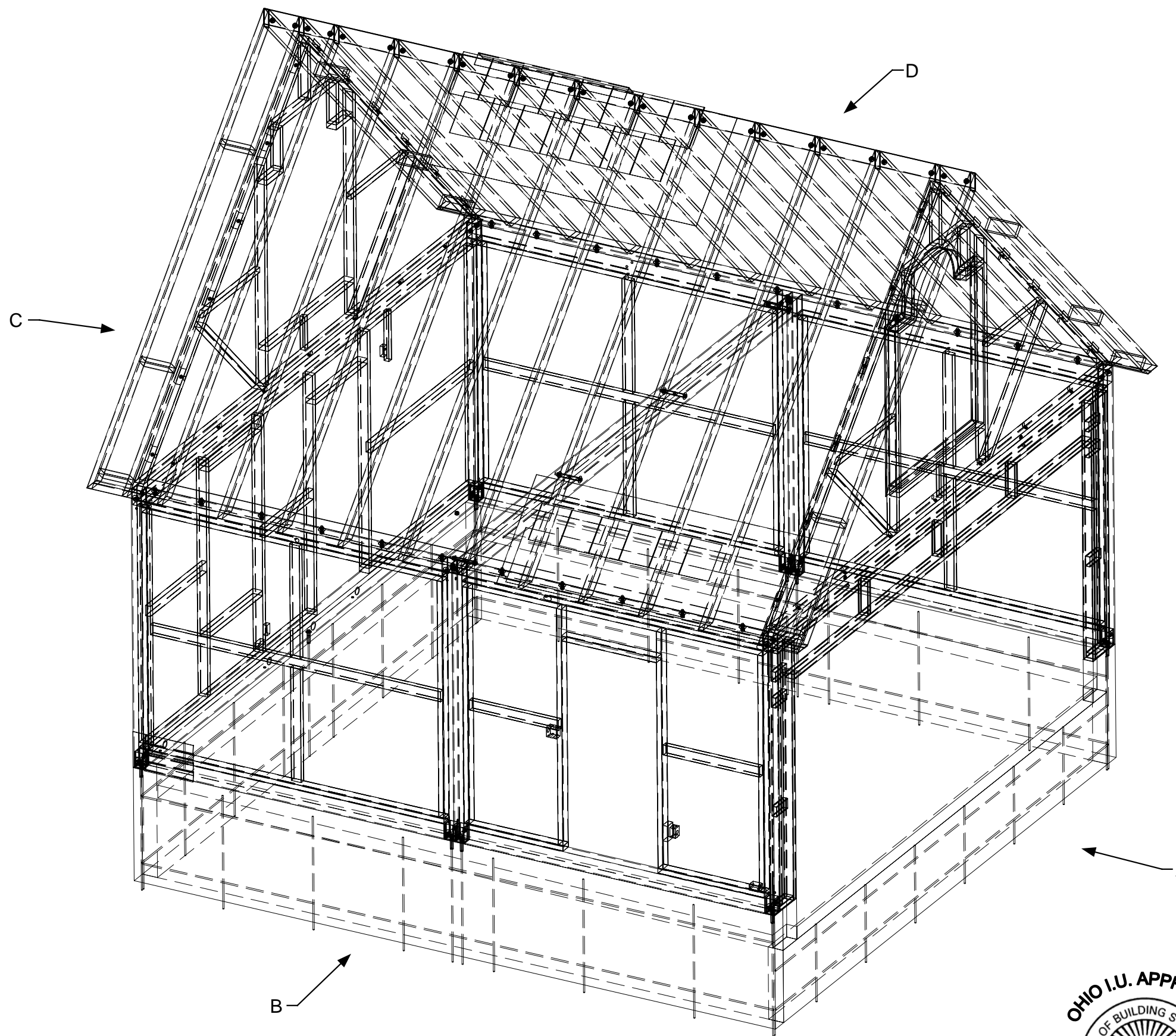
April 11, 2006
PDG Domus 060323-1

DRAWING

2 Car Garage
Type 2
Assembly-Cell
3D view
Detail 1

MODEL(S): Hartford

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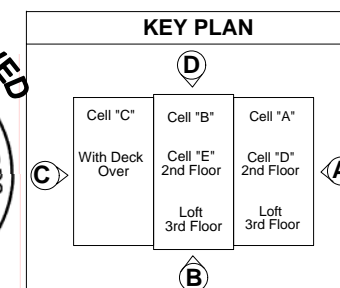


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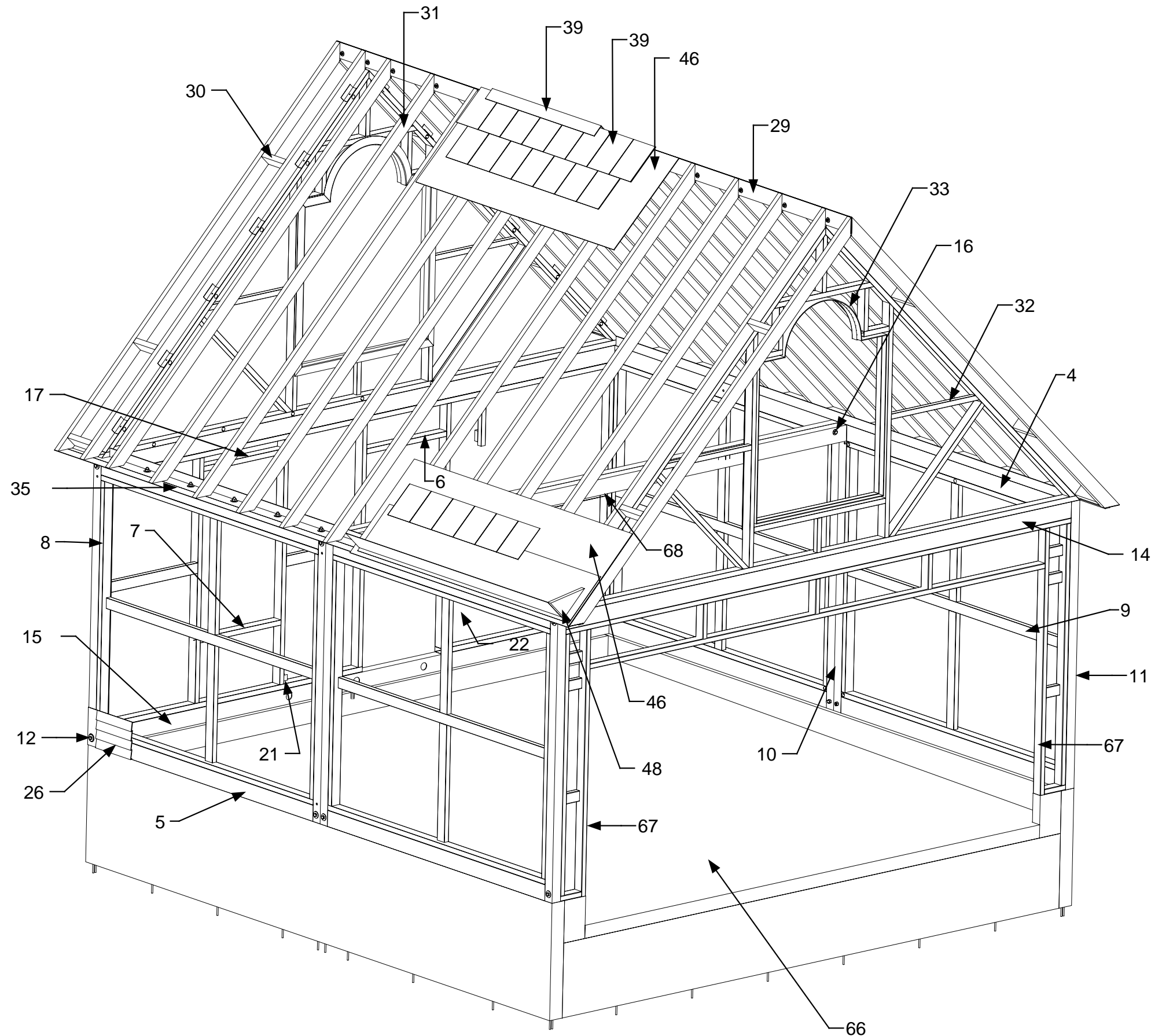
Manufacturing
2 Car Garage
Type 2
Wireframe view

MODEL(S): Hartford

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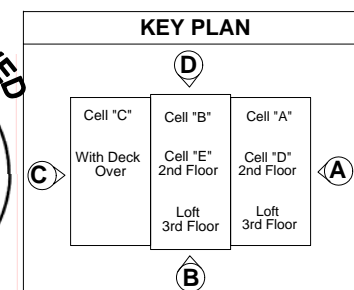
April 11, 2006
PDG Domus 060323-1



4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
21	Electrical Recepticle
22	Electrical Switch
26	Exterior Panel
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
35	Rafter Connector Plate
39	Roof Shingle-Cap (composite)
46	Roof Deck (composite)
48	Box Gutter (composite)
66	Concrete Foundation (Typical)
67	Door Track
68	Door Motor Mounts



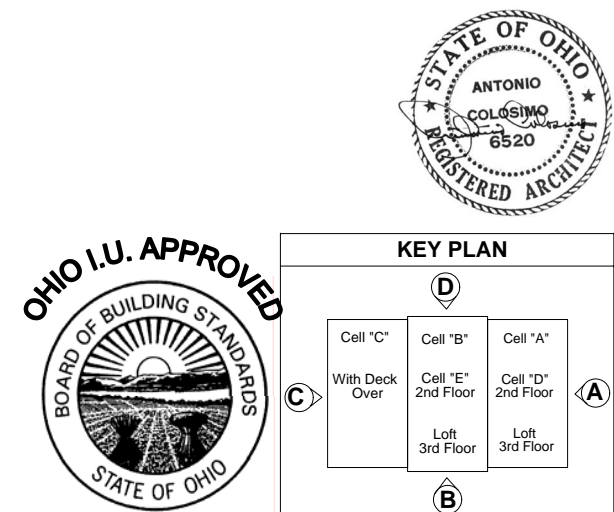
DRAWING
Definitions-Parts Identification 2 Car Garage Type 3
MODEL(S): Hartford
PAGE 188



2 Car Garage Type 3 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

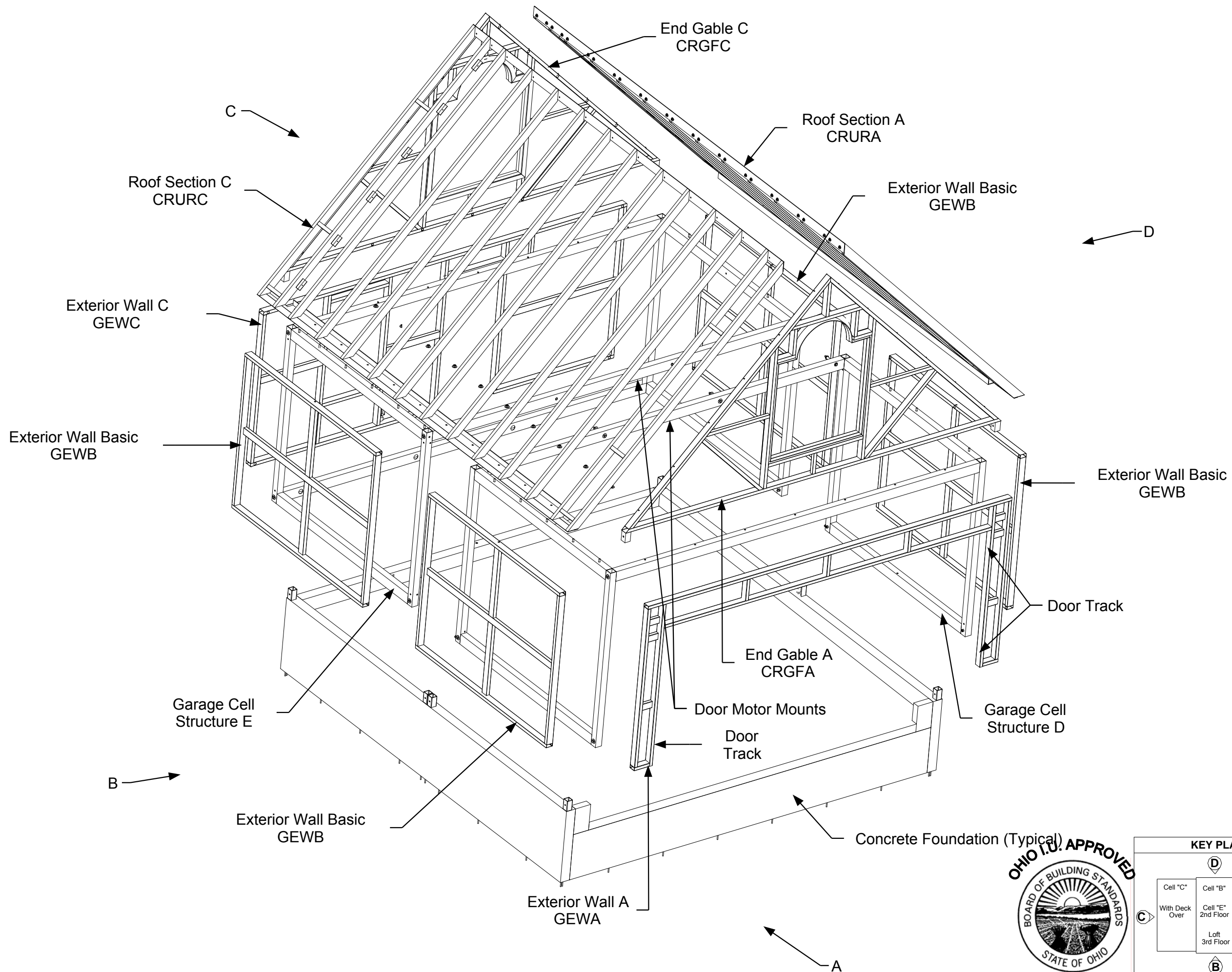
G2.3



DRAWING
Manufacturing Garage 2 Car Type 3 Architectural Plan

MODEL(S):	Hartford
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PAGE 188A



DRAWING
2 Car Garage Type 3 Assembly-Cell Sub-assembly-Part identification Type 3 Exploded view
MODEL(S): Hartford
PAGE 189

NOTE: For reference information regarding detail information see below for category and page numbers in Plant Manufacturing Manual

Wall Sections: 22 - 25A
Exterior Wall Welding: 30
Ceiling Joist Welding: 37E
Electrical: 109D - 109H

NOTE: Reference Garage Roof Section CRURA

NOTE: Reference Cell R, End Gable Frame A (CRGFA)

NOTE: Reference Garage Roof Section CRURC

Garage Door Track Mount

Garage Door Track Mount

NOTE: Reference Garage Exterior Wall Basic GEWB

NOTE: Reference Garage Exterior Wall A GEWA

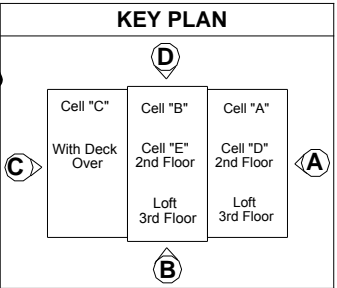
NOTE: Reference Garage Exterior Wall Basic GEWB

NOTE: Reference Garage Cell D

NOTE: Reference Garage Cell E

NOTE: Reference Garage Exterior Wall Basic GEWB

NOTE: Reference Garage Cell E, Exterior Wall C



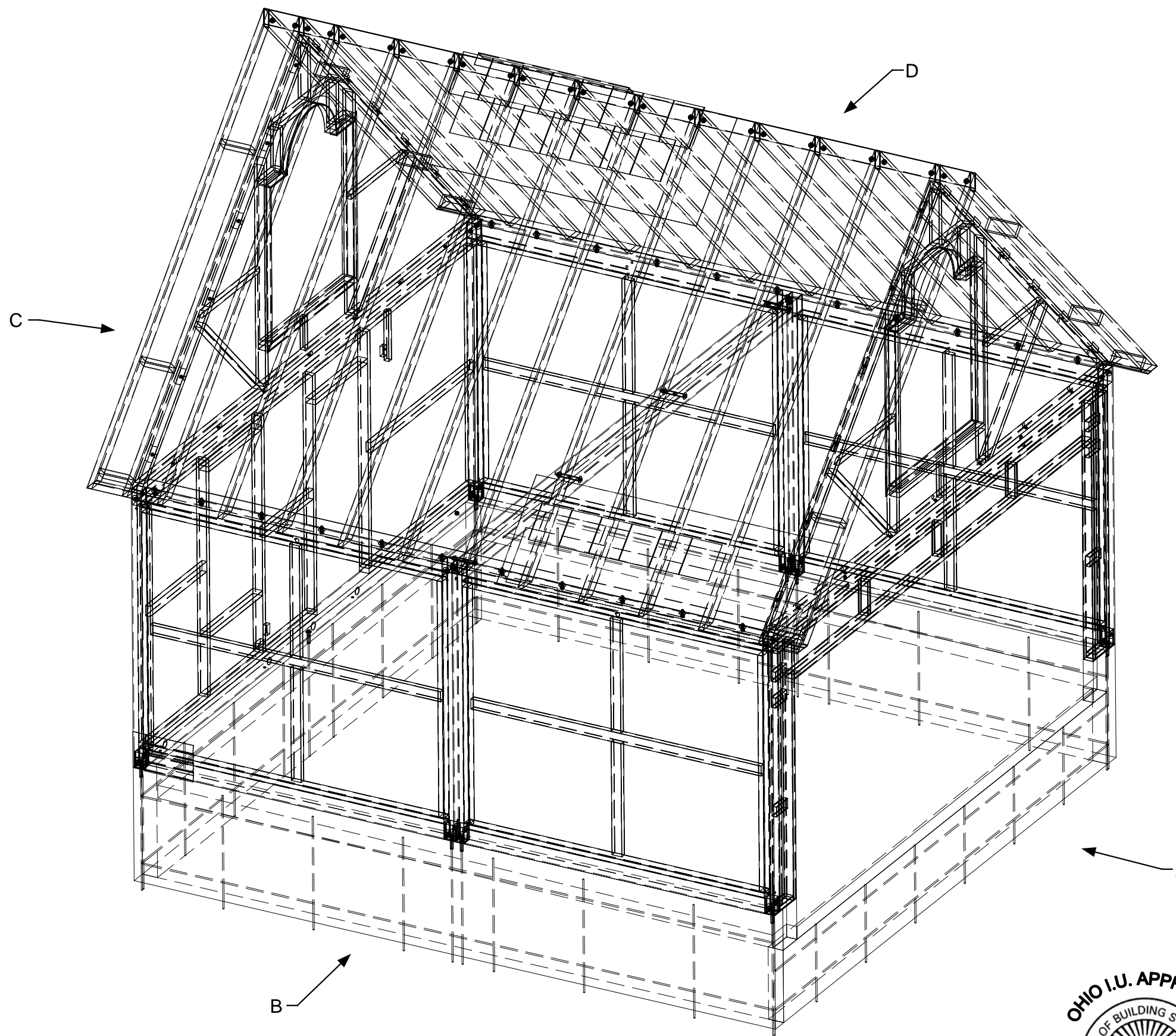
April 11, 2006
PDG Domus 060323-1

DRAWING

2 Car Garage
Type 3
Assembly-Cell
3D view
Detail 1

MODEL(S): Hartford

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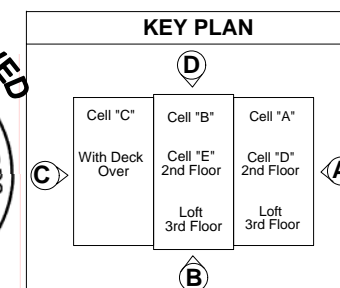


DRAWING

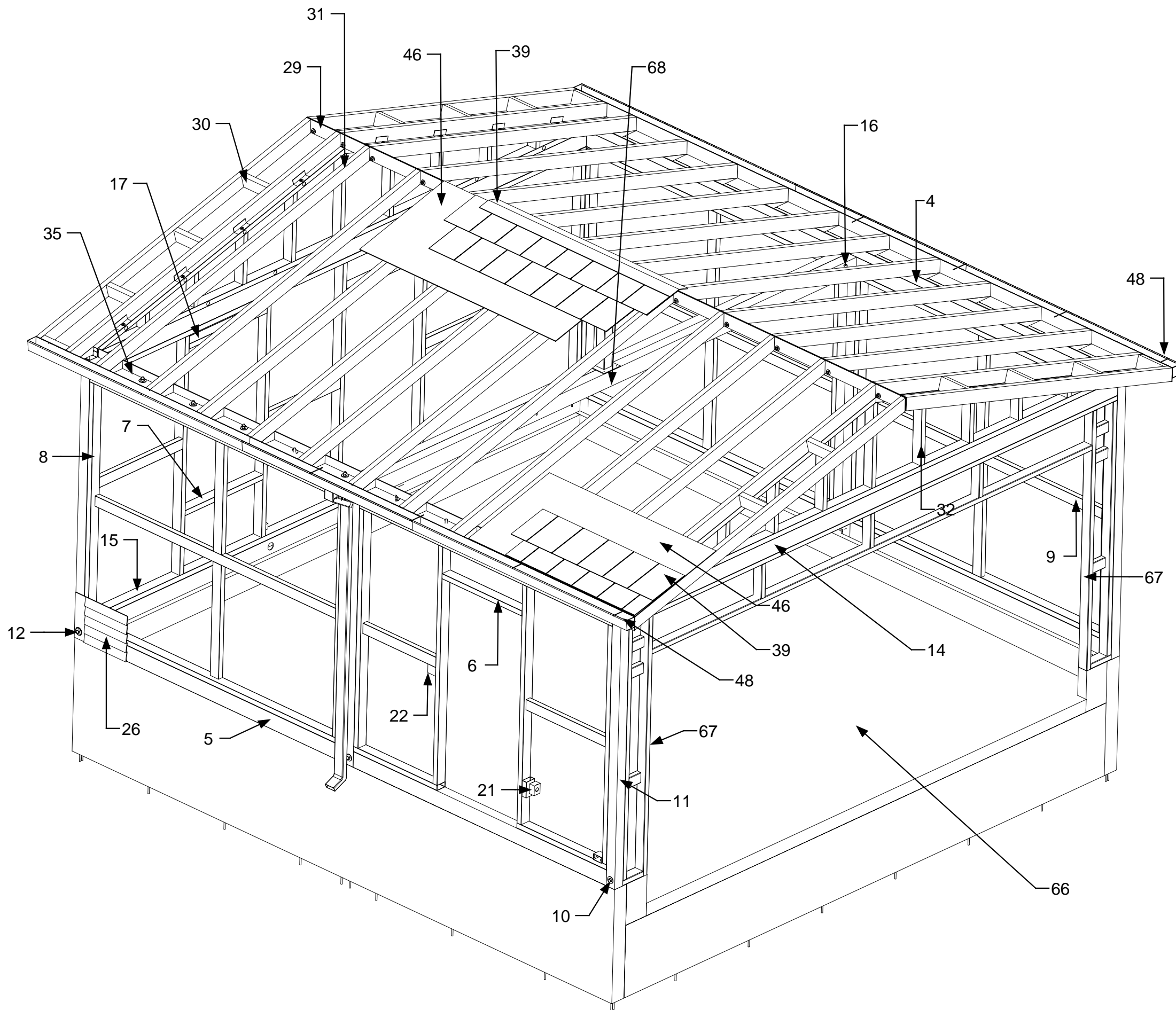
Manufacturing
2 Car Garage
Type 3
Wireframe view

MODEL(S): Hartford

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4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
21	Electrical Recepticle
22	Electrical Switch
26	Exterior Panel
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
35	Rafter Connector Plate
39	Roof Shingle-Cap (composite)
46	Roof Deck (composite)
48	Gutter (Typical)
66	Concrete Foundation (Typical)
67	Door Track
68	Door Motor Mounts

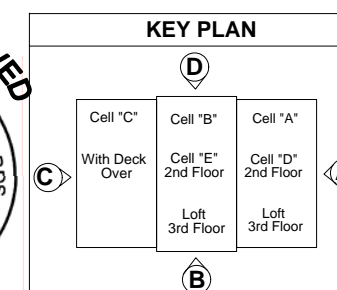


DRAWING

Definitions-Parts
Identification
2 Car Garage
Type 4

MODEL(S): Hartford

PAGE 192

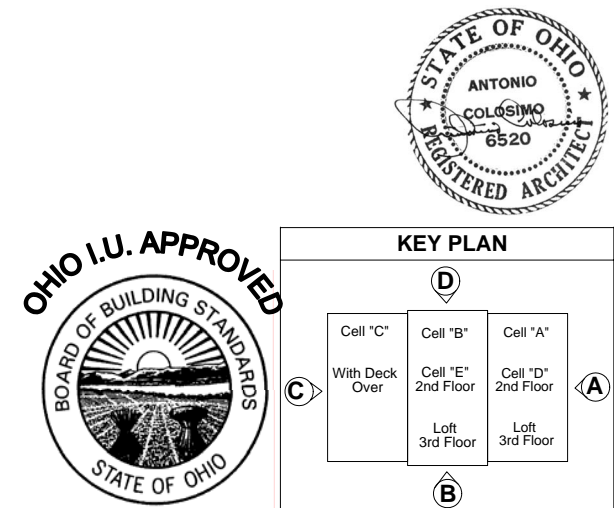


April 11, 2006
PDG Domus 060323-1

2 Car Garage Type 4 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

G2.5

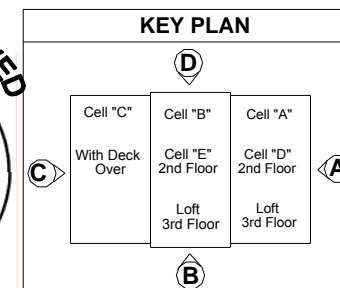
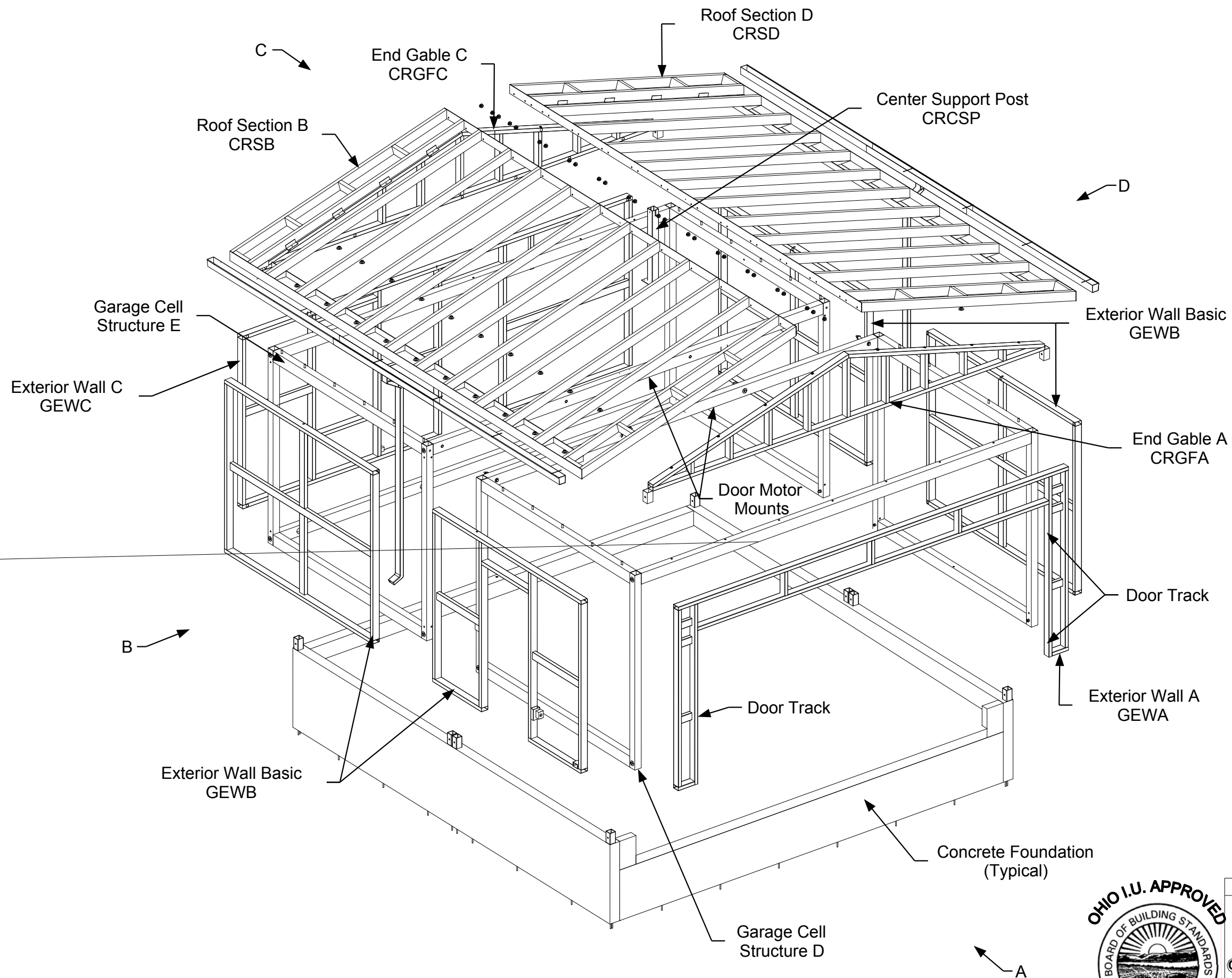


DRAWING

Manufacturing
Garage
2 Car Type 4
Architectural Plan

MODEL(S): Hartford

PAGE 192A



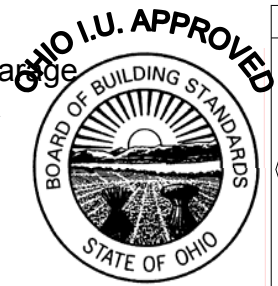
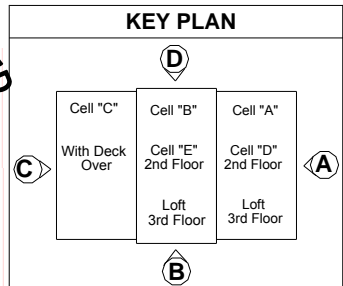
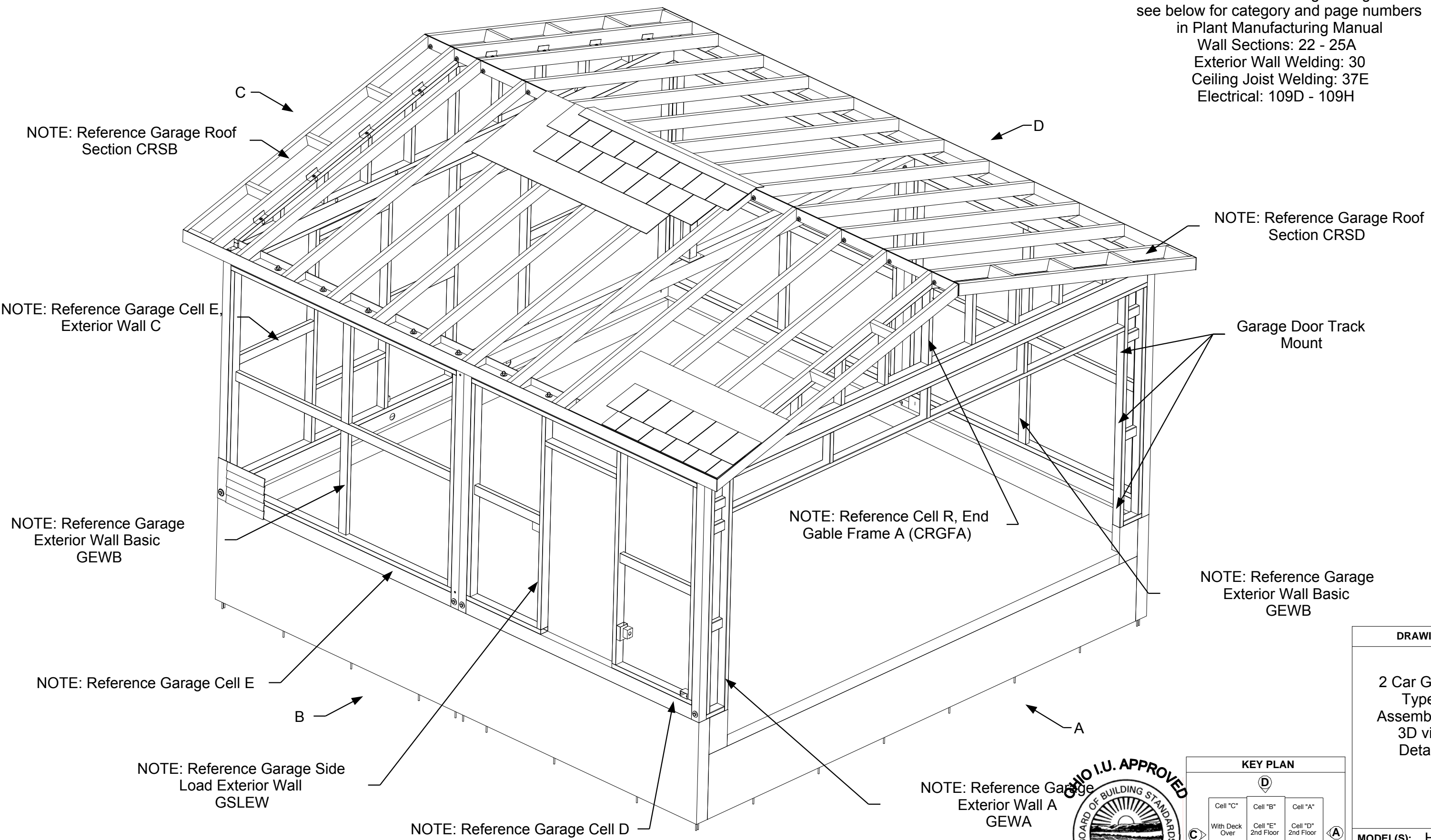
DRAWING

2 Car Garage
Type 4
Assembly-Cell
Sub-assembly-Part
Identification Type 4
Exploded view

MODEL(S): Hartford

PAGE 193

NOTE: For reference information regarding detail information
see below for category and page numbers
in Plant Manufacturing Manual
Wall Sections: 22 - 25A
Exterior Wall Welding: 30
Ceiling Joist Welding: 37E
Electrical: 109D - 109H

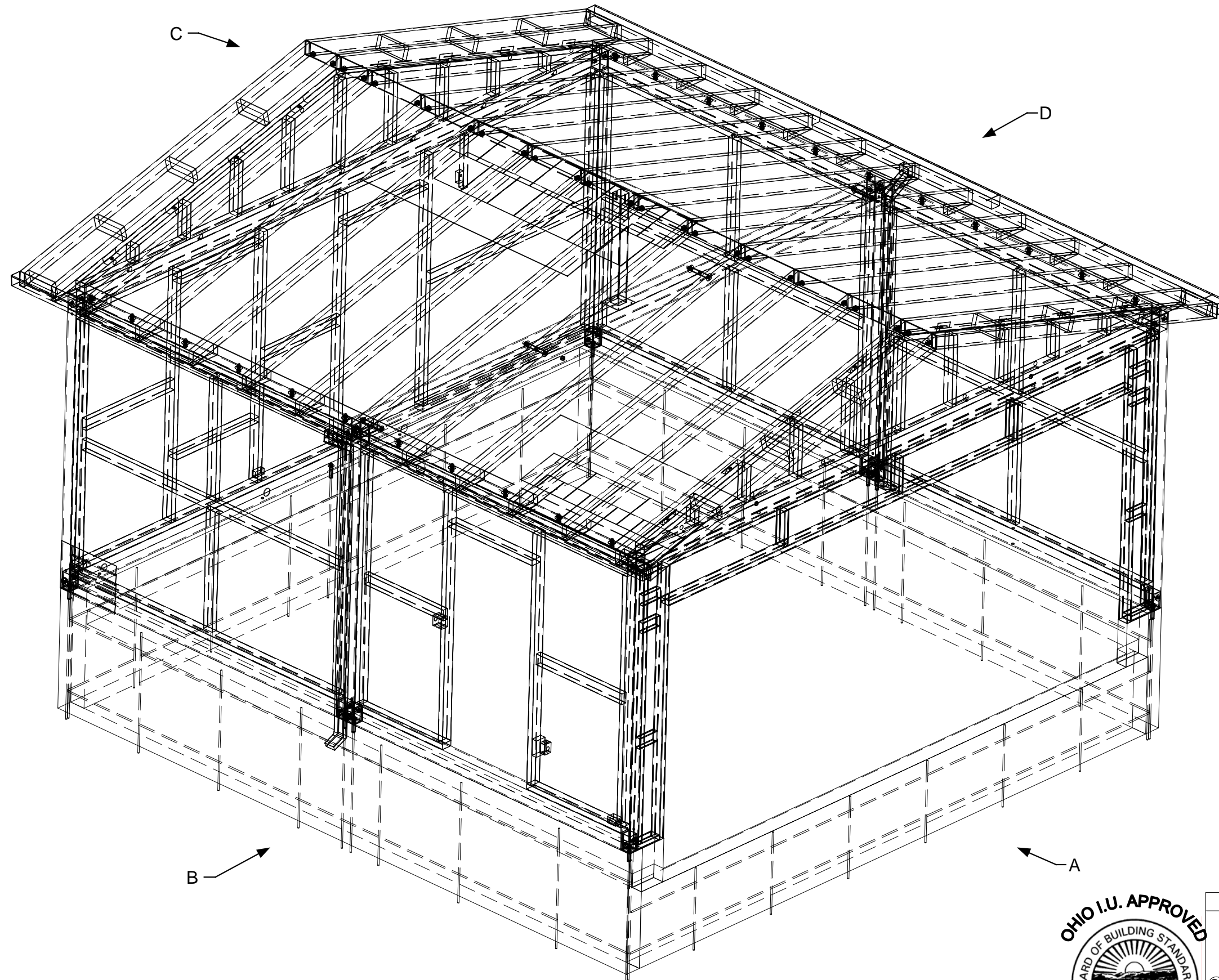


DRAWING

2 Car Garage
Type 4
Assembly-Cell
3D view
Detail 1

MODEL(S): Hartford

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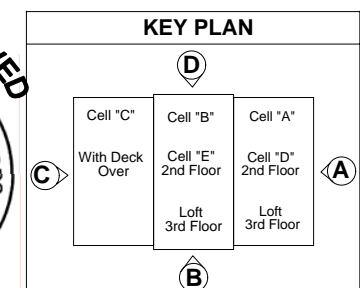


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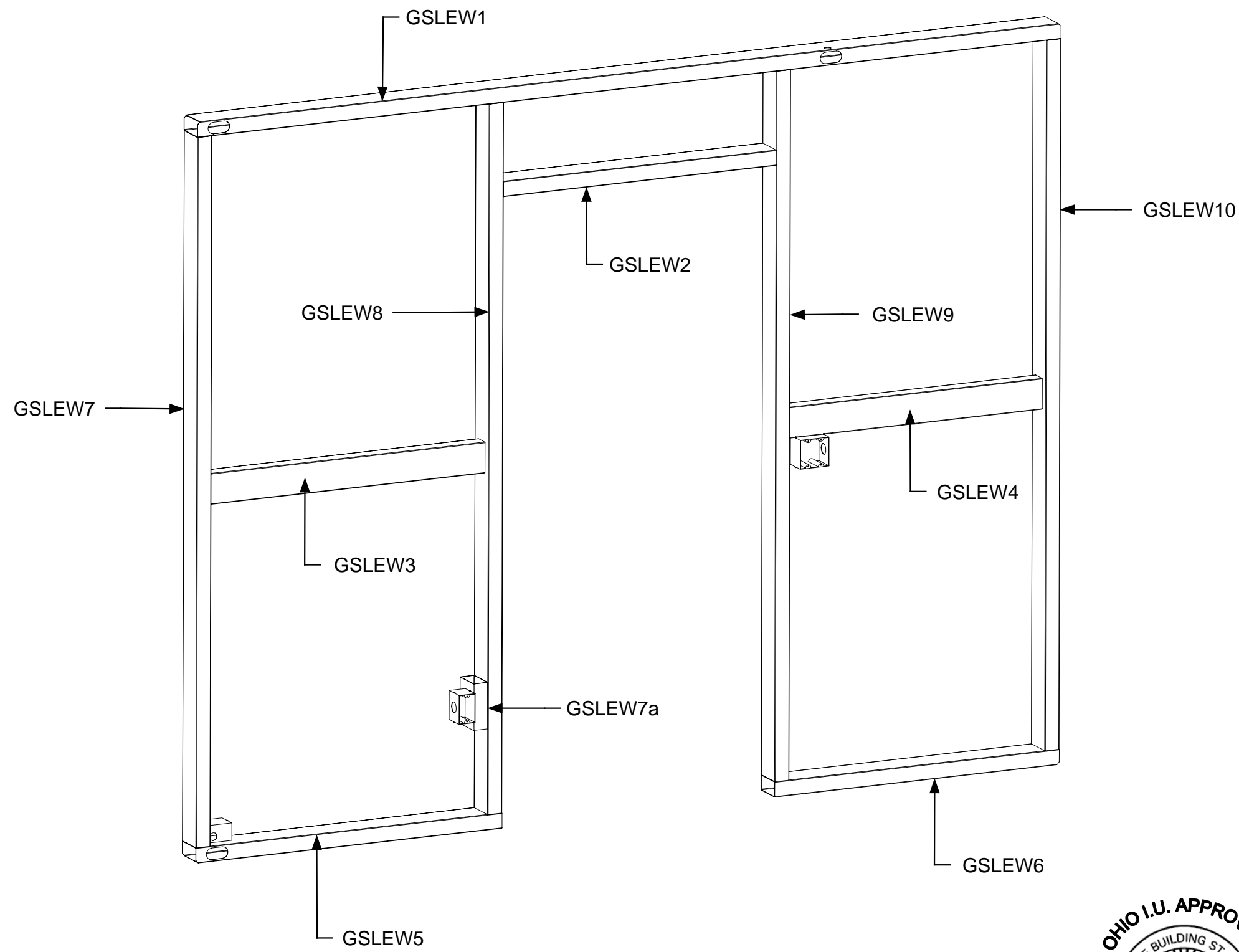
Manufacturing
2 Car Garage
Type 4
Wireframe view

MODEL(S): Hartford

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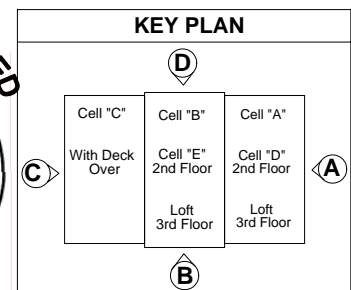
DRAWING

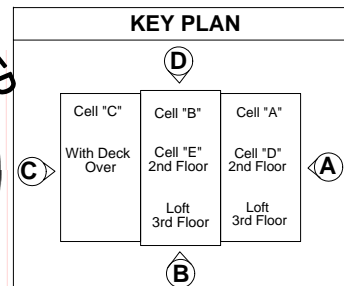
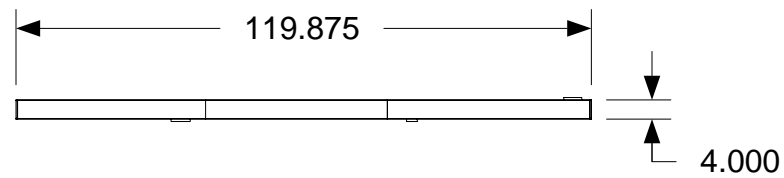
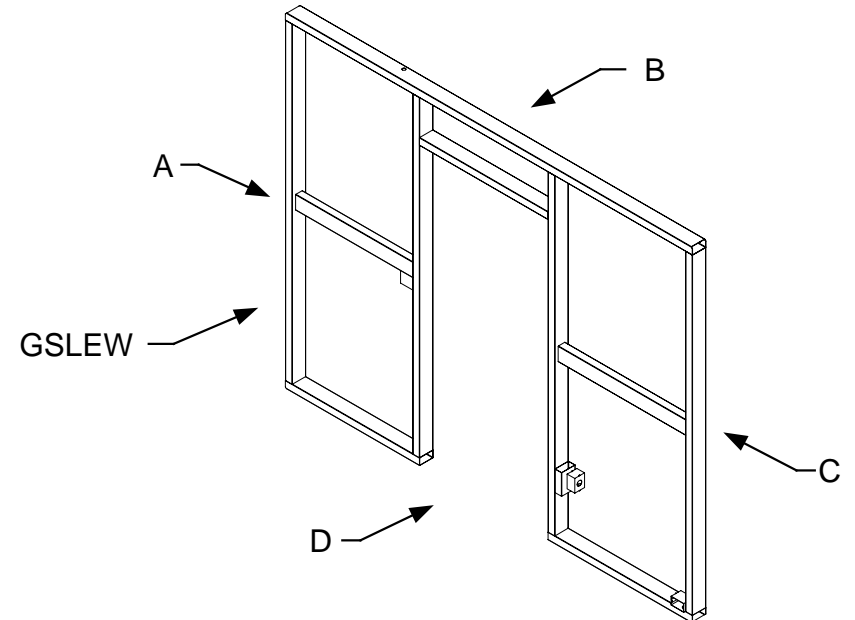
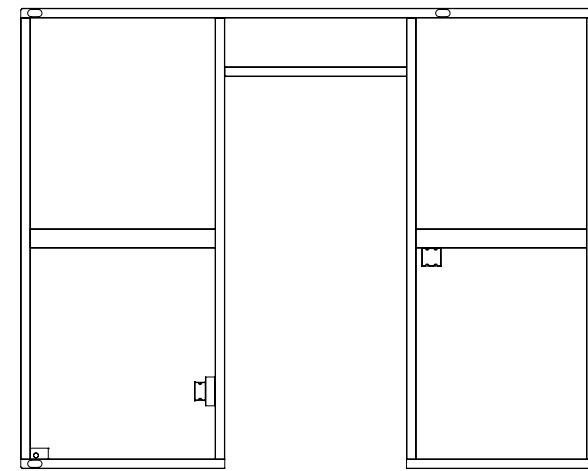
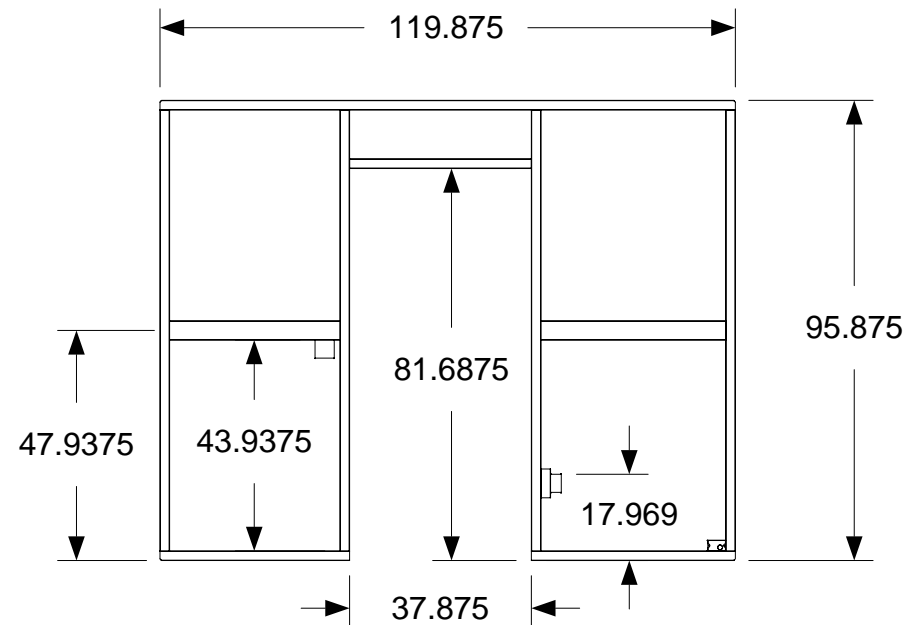
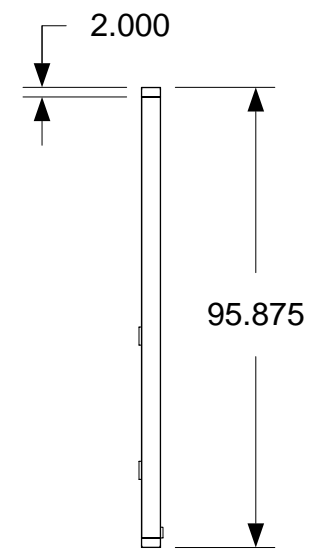
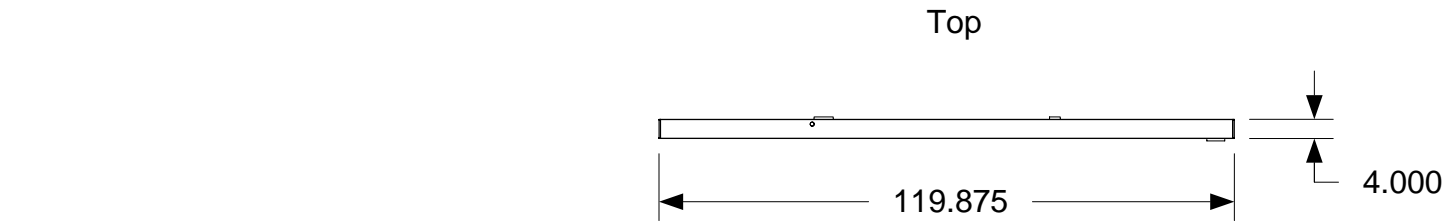
Manufacturing
Garage
Assembly-Side
Load Exterior Wall

Part Identification

MODEL(S): Hartford

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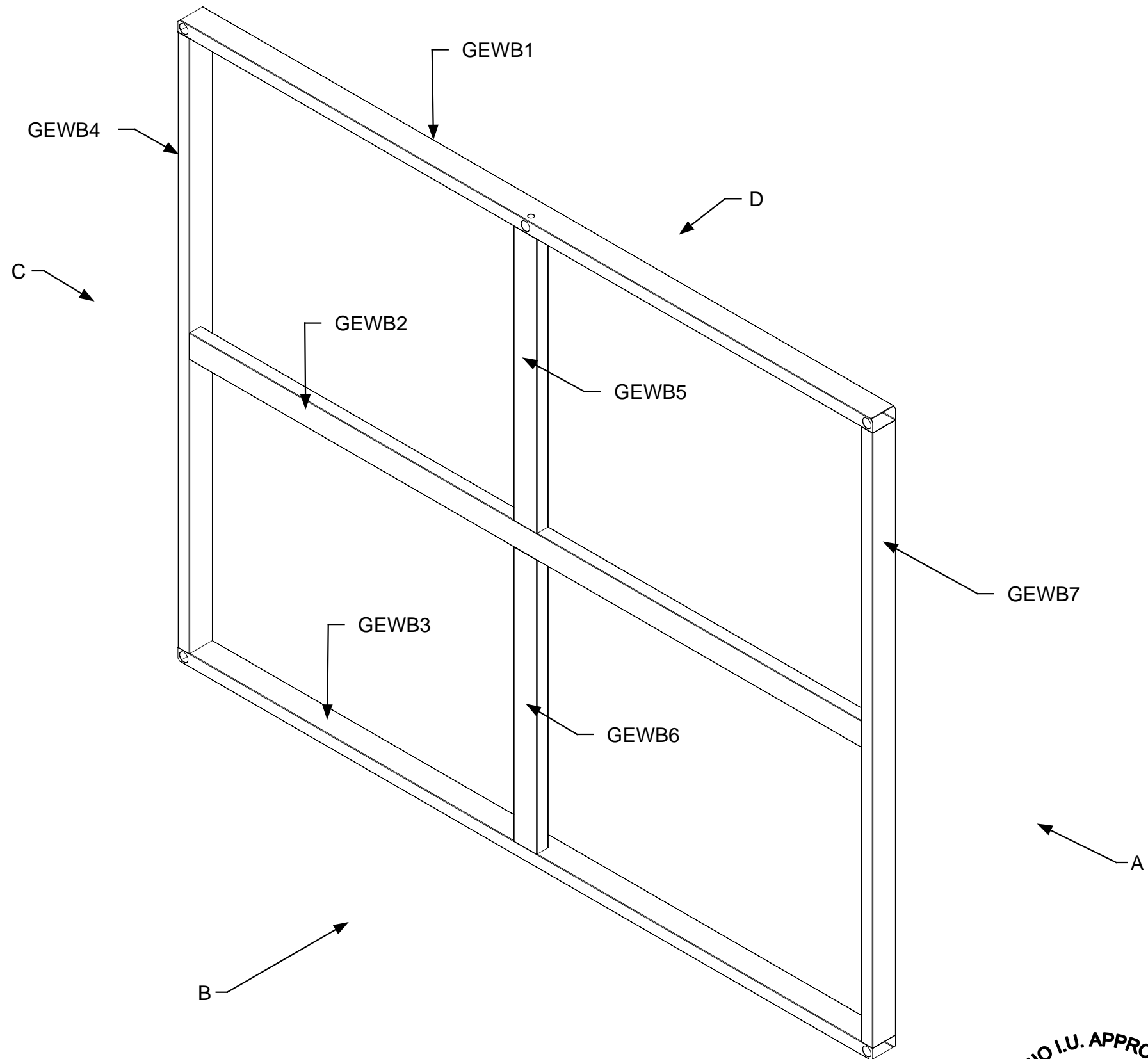


DRAWING

Manufacturing
Garage
View D
Assembly-Side
Load Exterior wall
GSLEW

MODEL(S): Hartford

PAGE 197

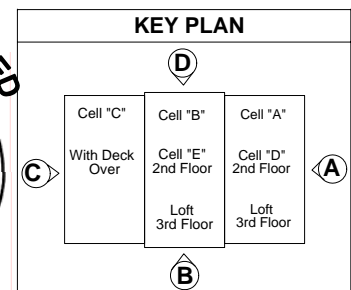


DRAWING

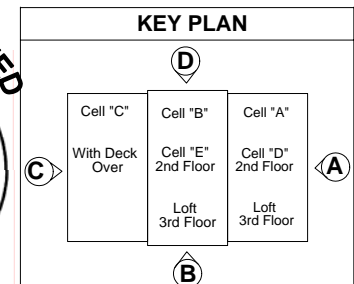
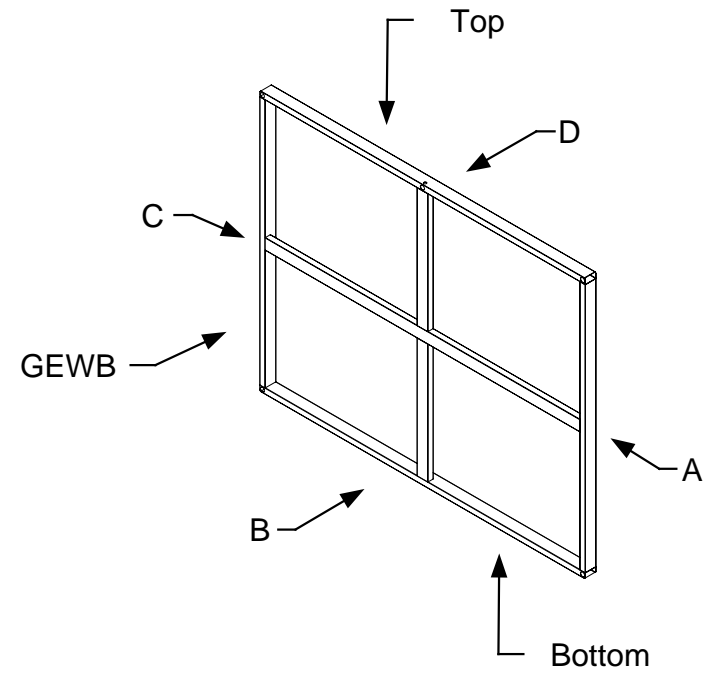
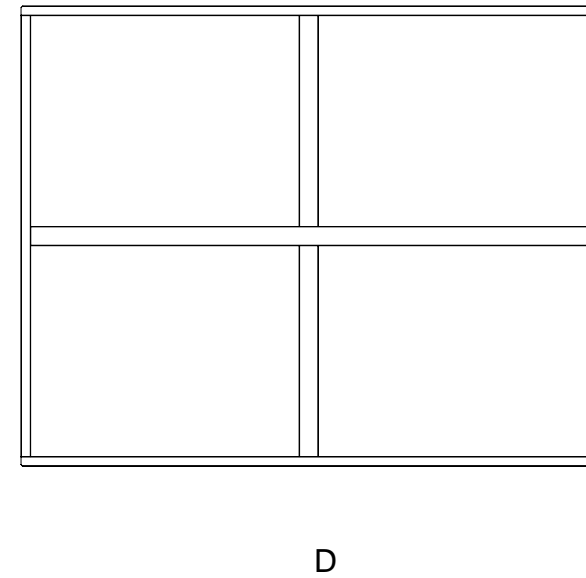
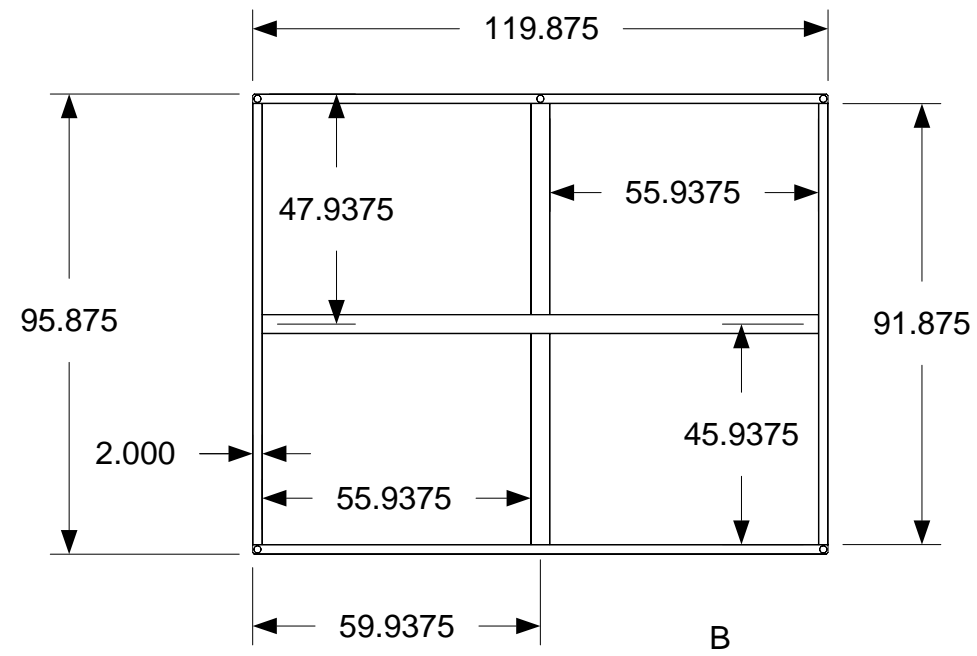
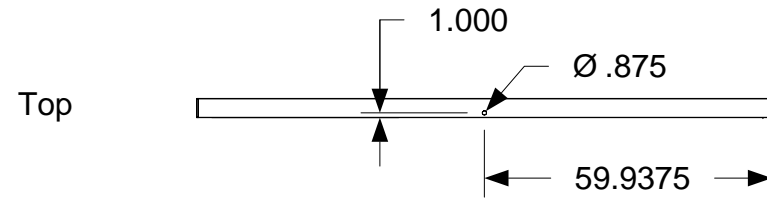
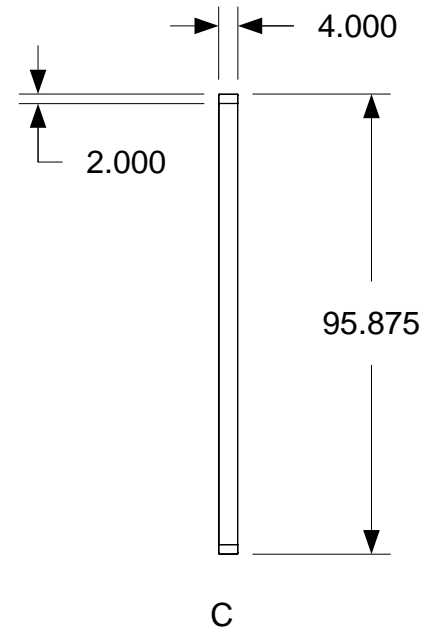
Manufacturing
Garage
View D
Assembly-Exterior
Wall Basic
GEWB

MODEL(S): Hartford

PAGE 198

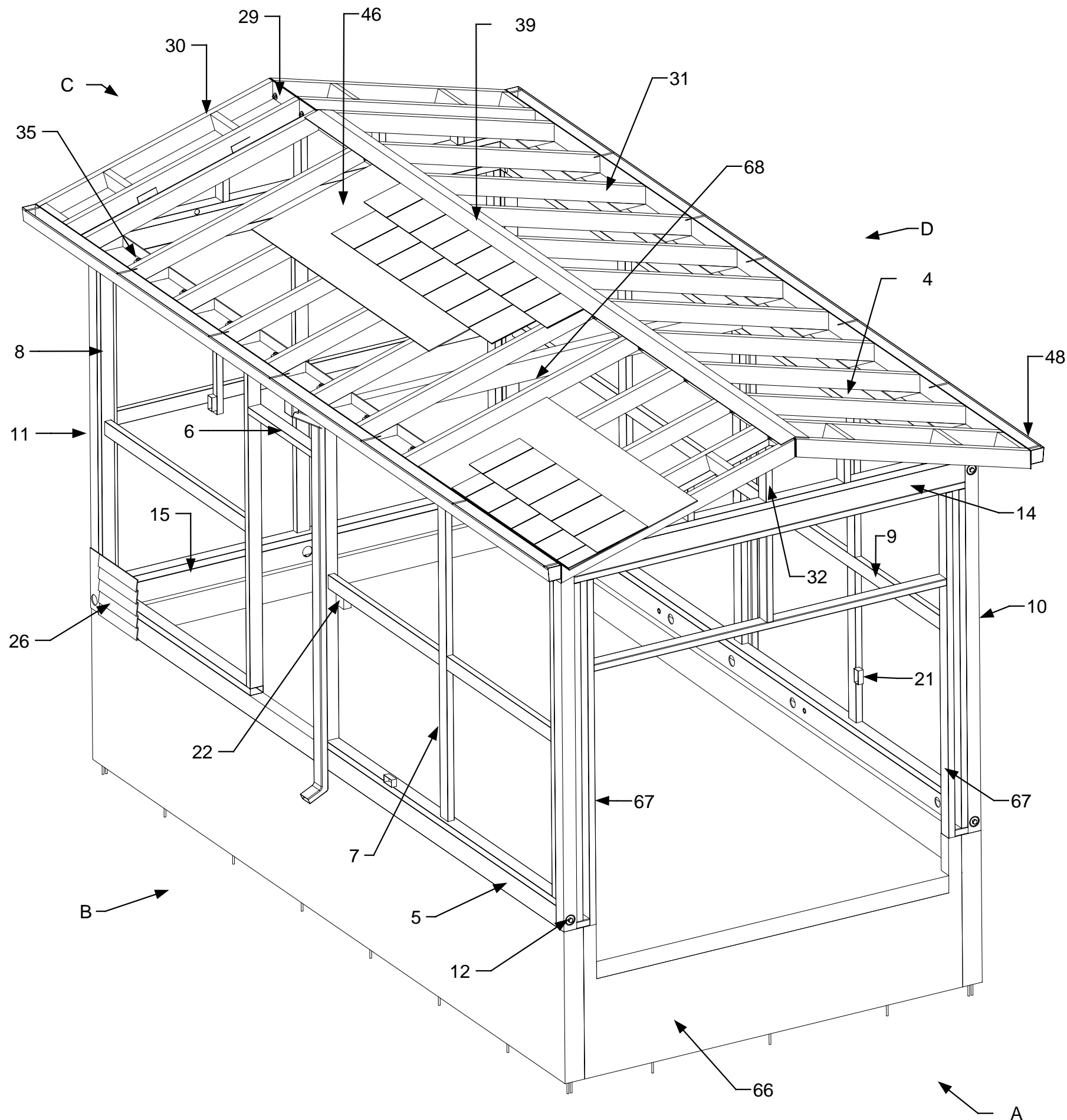


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DRAWING	
Manufacturing Garage Assembly-Exterior Wall GEWB	
MODEL(S): Hartford	
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4	Top Beam
5	Bottom Beam
6	Header
7	Sill
8	Exterior Wall Stud
9	Exterior Wall Lateral Brace
10	Intermediate Columns
11	Corner Columns
12	Corner Connectors
14	Top Girder
15	Bottom Girder
16	Intermediate Column Connectors
17	Window Header
21	Electrical Recepticle
22	Electrical Switch
26	Exterior Panel
29	Ridge Beam
30	Purlin
31	Rafters
32	End Gable Framing
35	Rafter Connector Plate
39	Roof Shingle-Cap (composite)
46	Roof Deck (composite)
48	Gutter (Typical)
66	Concrete Foundation (Typical)
67	Door Track
68	Door Motor Mounts

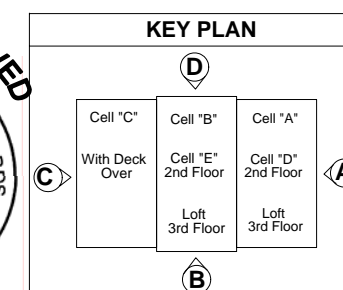


DRAWING

Definitions-Parts
Identification
1 Car Garage
Type 1

MODEL(S): Hartford

PAGE 200

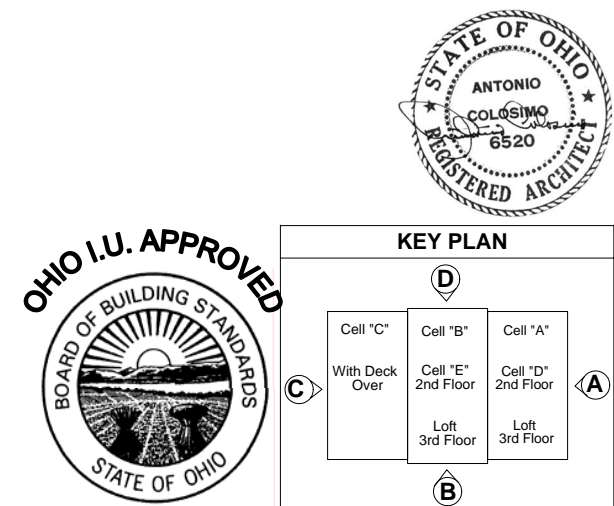


April 11, 2006
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1 Car Garage Type 1 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

G1.1

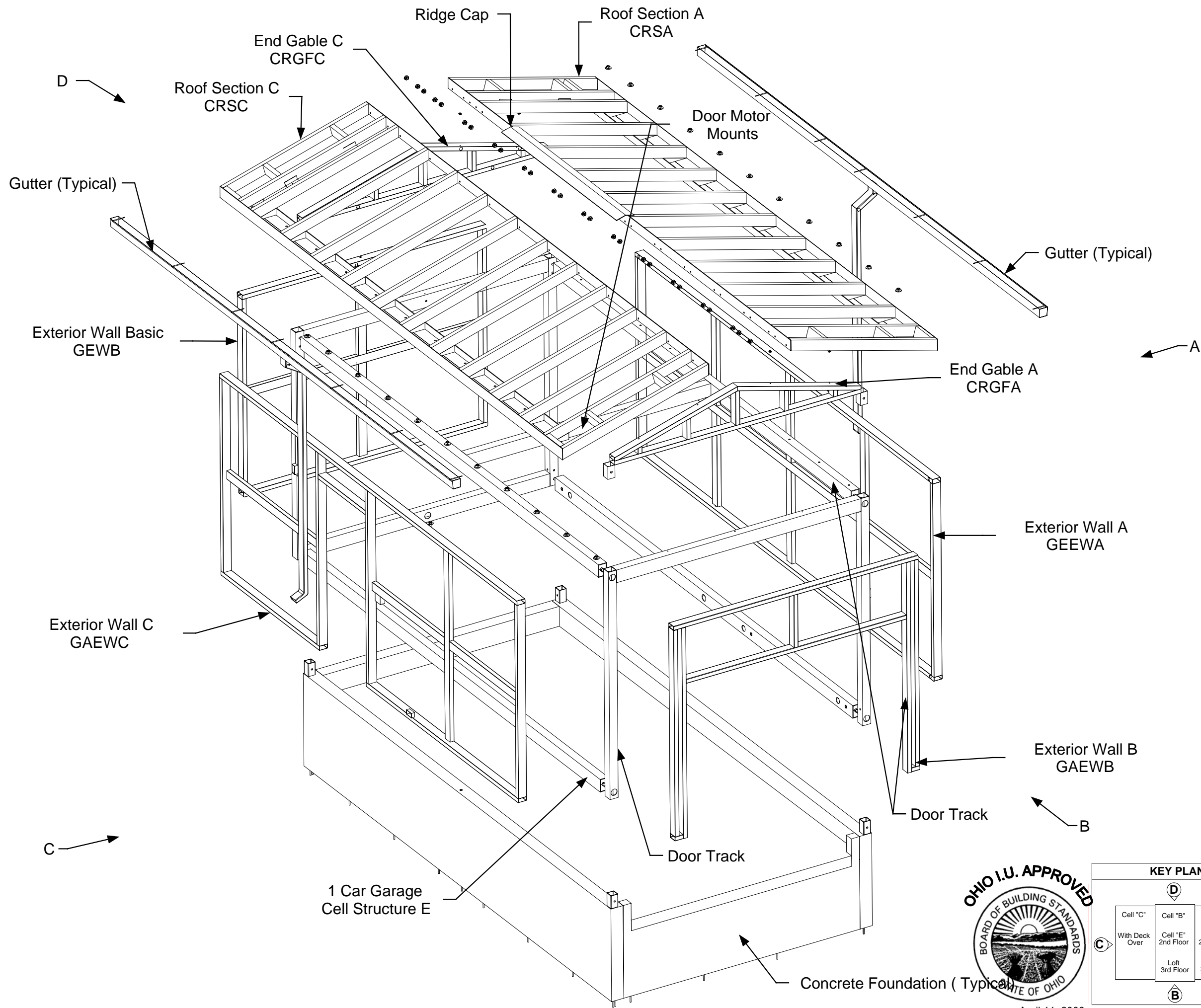


DRAWING

Manufacturing
Garage
1 Car Type 1
Architectural Plan

MODEL(S):	Hartford
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PAGE 200A

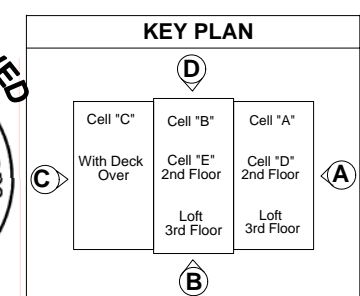
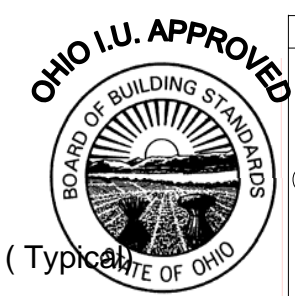


DRAWING

1 Car Garage
Type 1
Assembly-Cell
Sub-assembly-Part
identification
Exploded view

MODEL(S): Hartford

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NOTE: For reference information regarding detail information see below for category and page numbers in Plant Manufacturing Manual

Wall Sections: 22 - 25A
Exterior Wall Welding: 30
Ceiling Joist Welding: 37E
Electrical: 109D - 109H

NOTE: Reference 1 Car Garage
Type 1 Roof Section A
CRSA

NOTE: Reference 1 Car Garage
Type 1 Roof Section C
CRSC

NOTE: Reference Garage
Exterior Wall Basic
GEWB

NOTE: Reference 1 Car garage Type 1
Cell E
Exterior Wall C
GAEWC

NOTE: Reference 1 Car Garage
Type 1 Cell R, End Gable Frame
A (CRGFA)

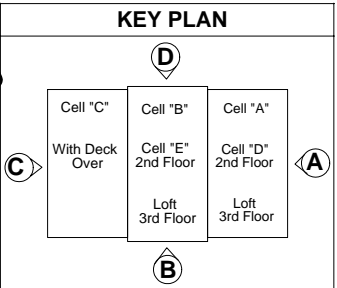
NOTE: Reference 1 Car garage Type 1
Cell E
Exterior Wall A
GEEWA

Garage Door Track
Mount

Garage Track Mount

NOTE: Reference 1 Car Garage
Type 1 Cell E

NOTE: Reference 1 Car garage Type 1
Cell E
Exterior Wall B
GAEWB

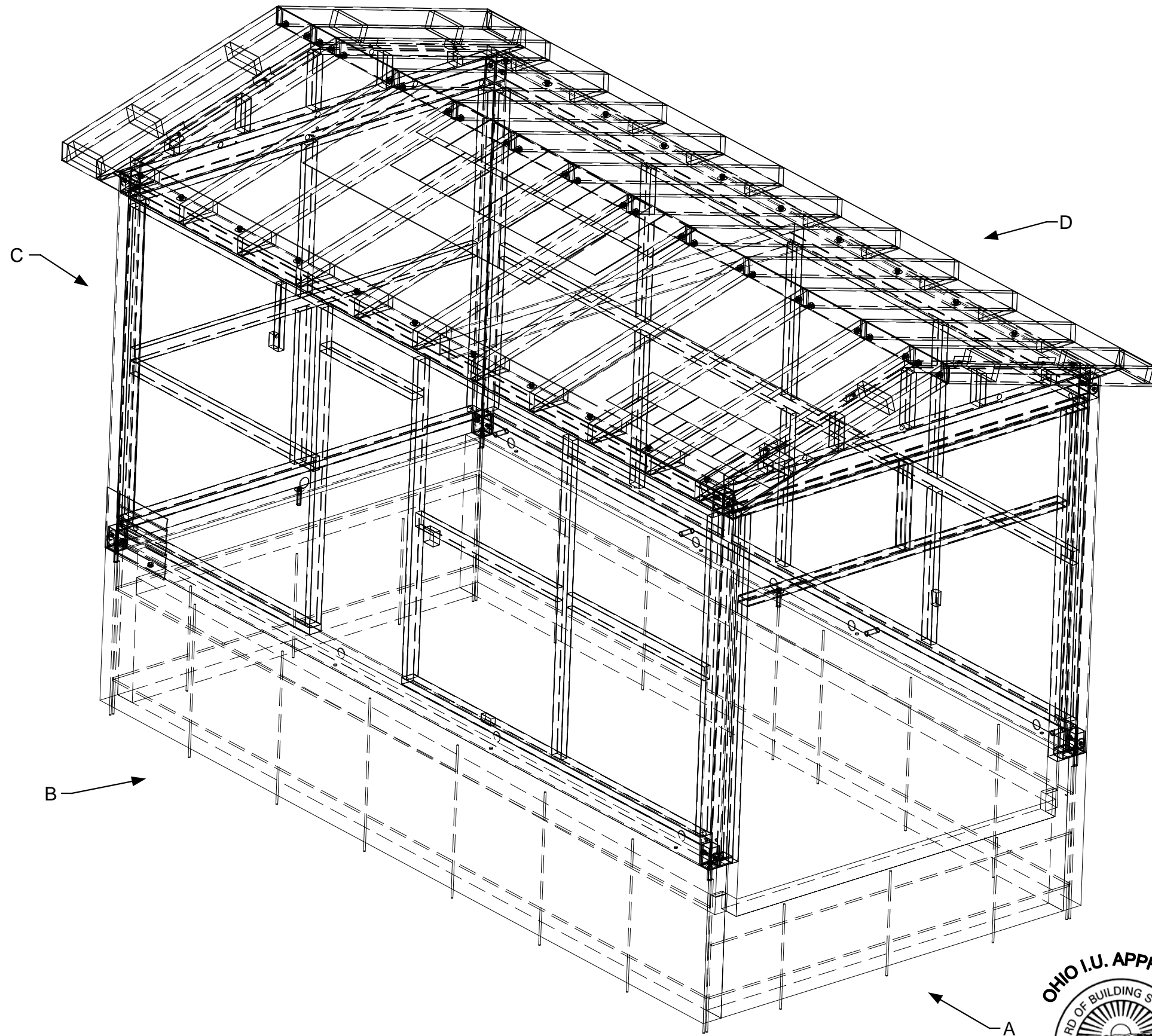


DRAWING

1 Car Garage
Type 1
Assembly-Cell
3D view
Detail 1

MODEL(S): Hartford

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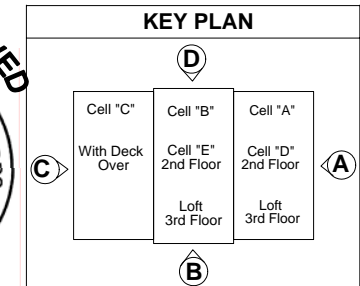


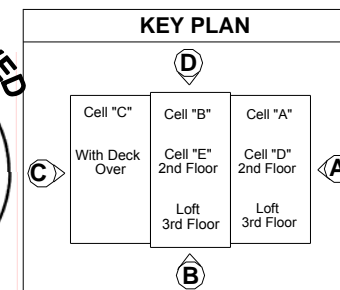
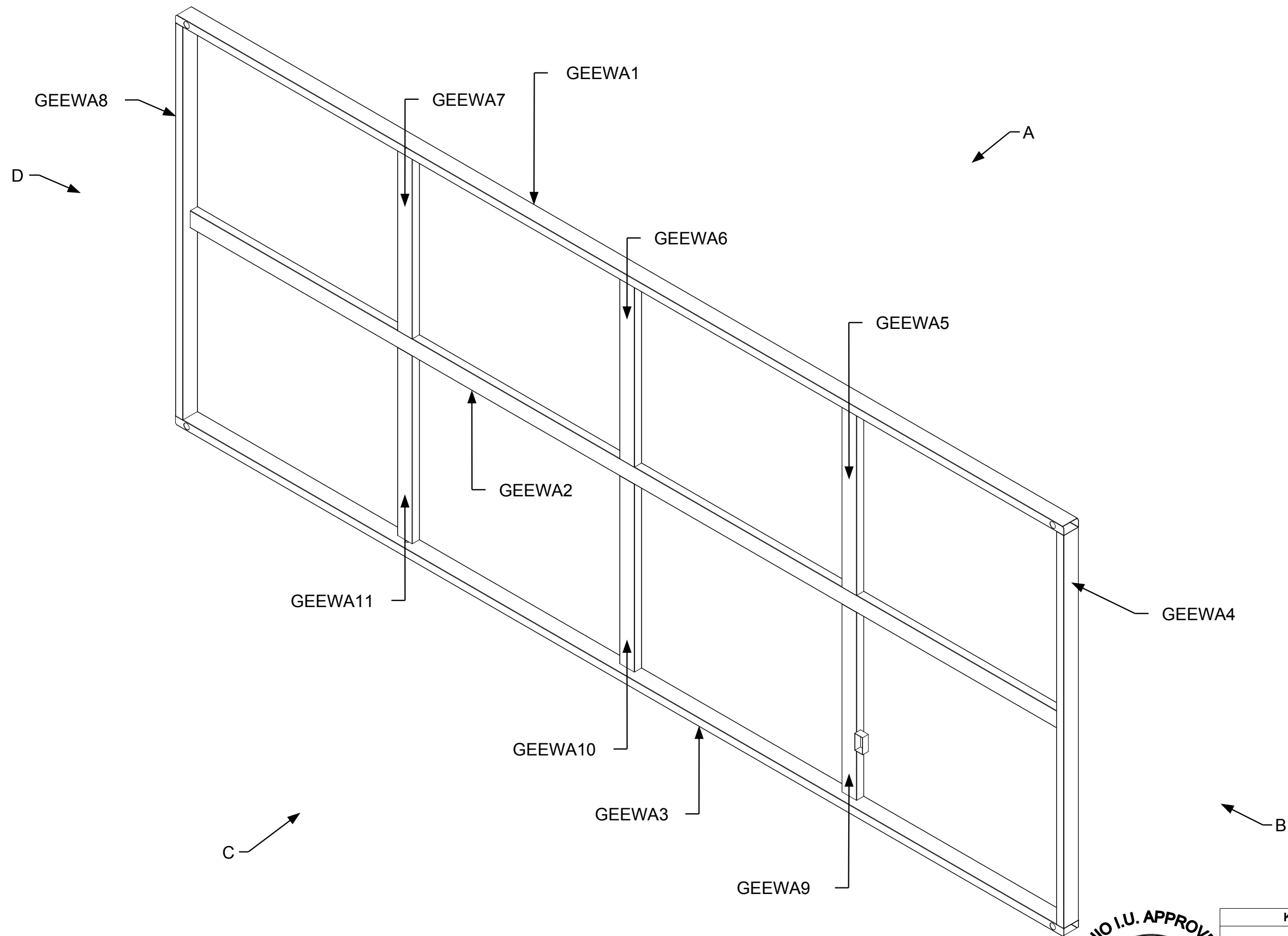
DRAWING

Manufacturing
1 Car Garage
Type 1
Wireframe view

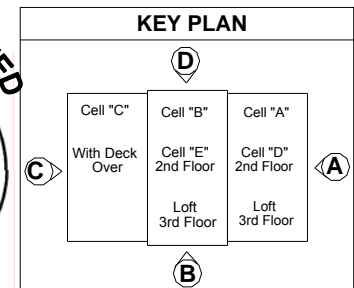
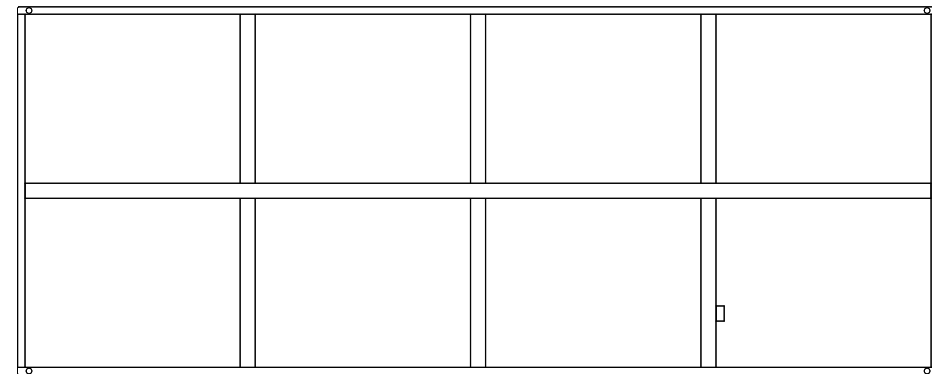
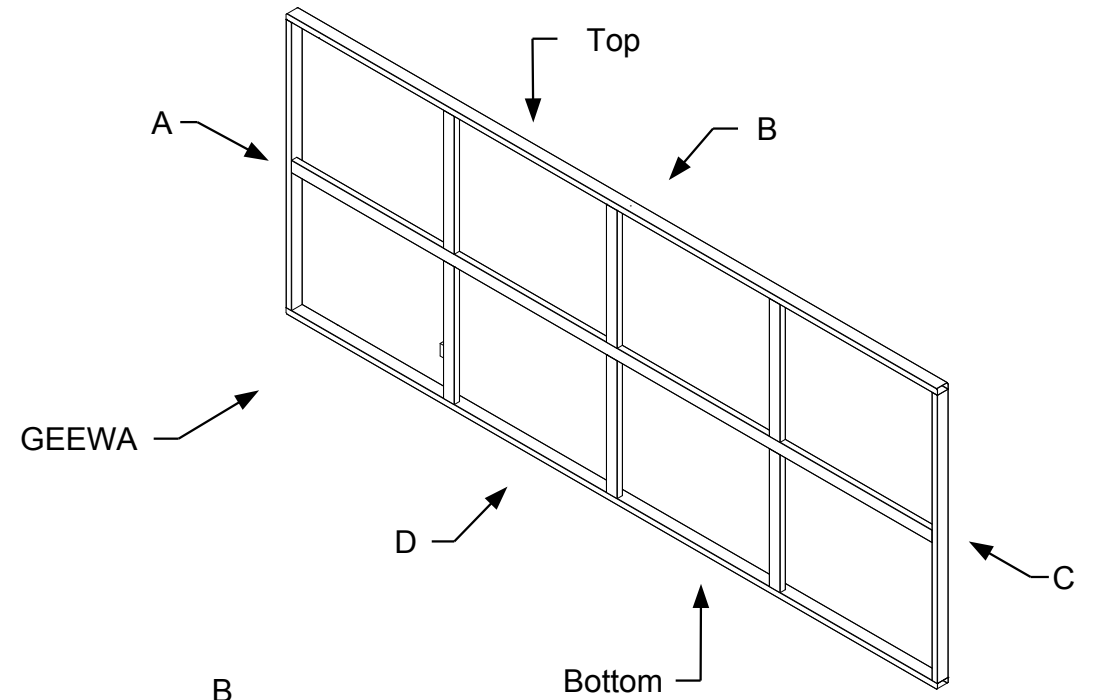
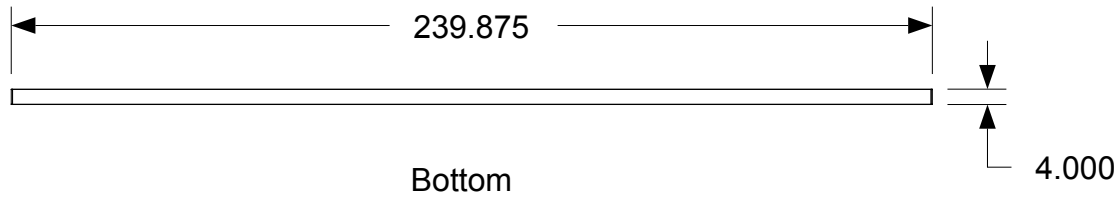
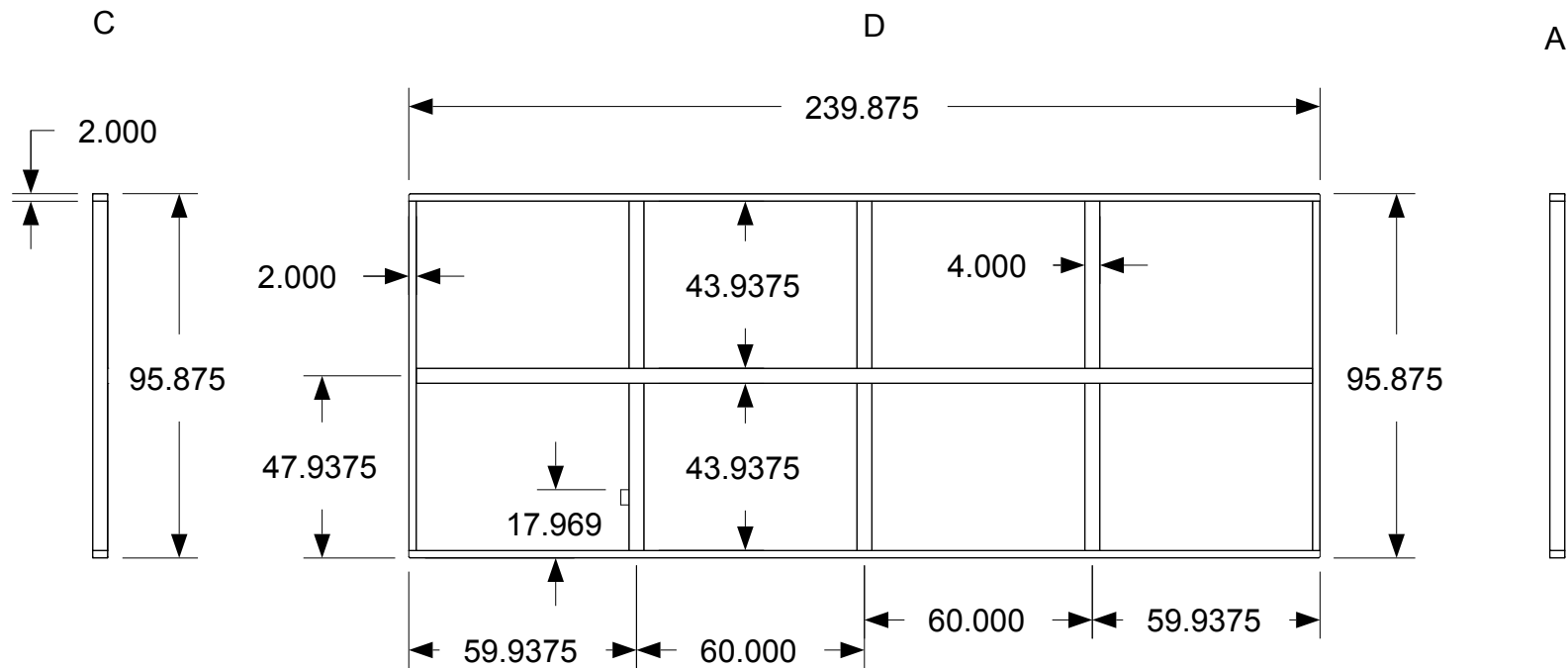
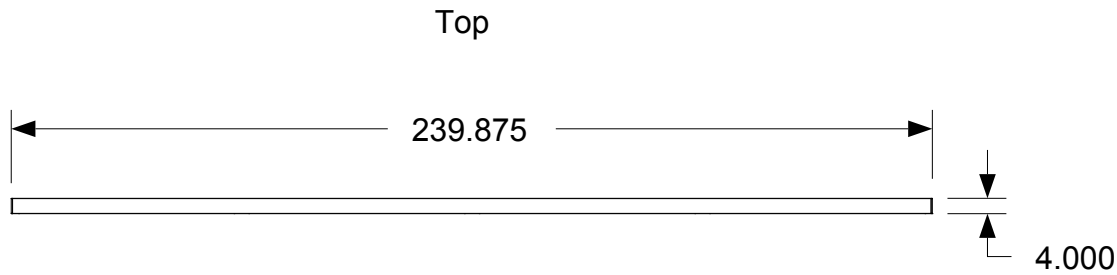
MODEL(S): Hartford

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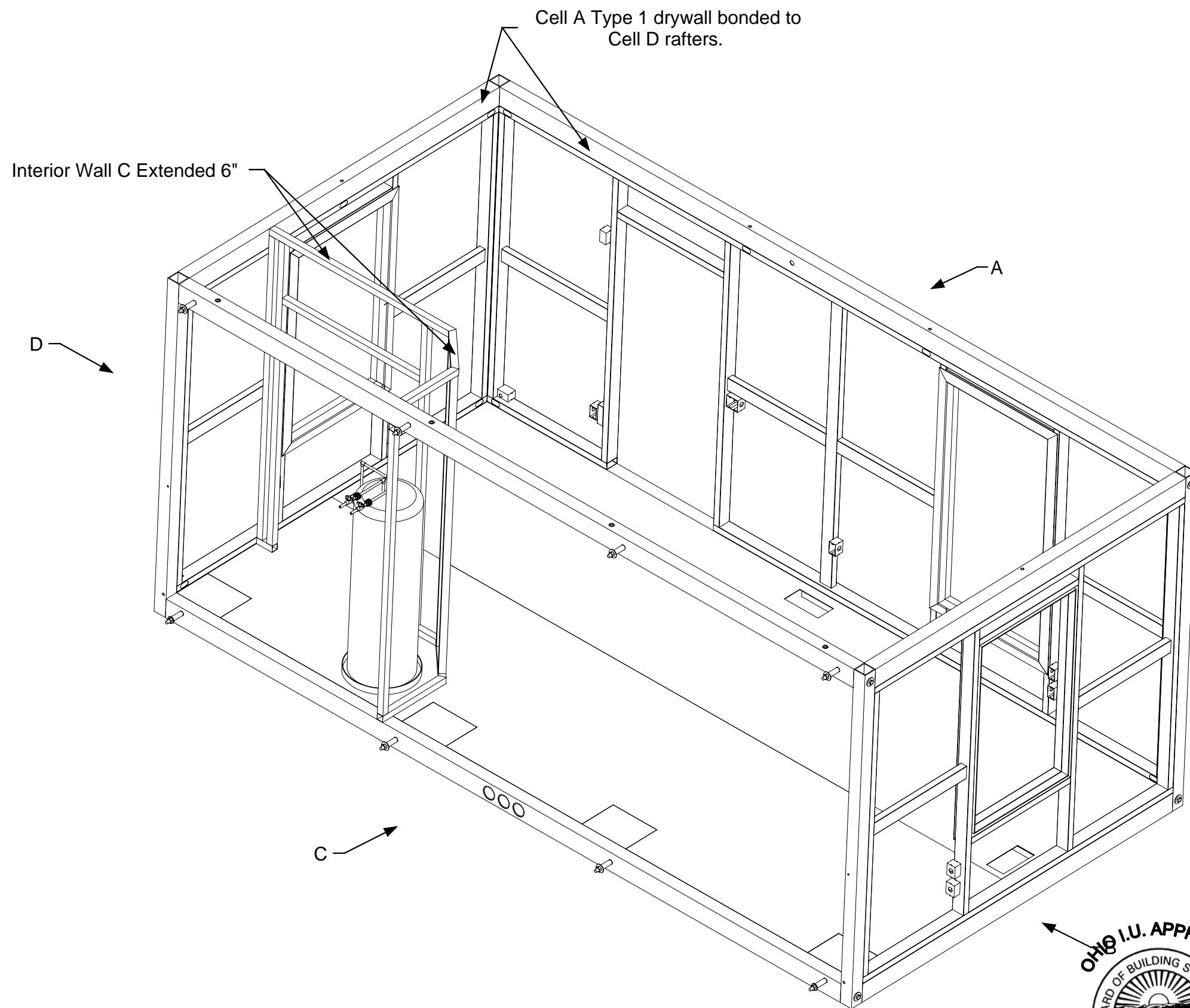


DRAWING
Manufacturing 1 Car Garage Type 1 Assembly-Exterior Wall A
Part Identification
MODEL(S): Hartford
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DRAWING
Manufacturing 1 Car Garage Type 1 Exterior Wall Sub- Assembly Exterior Wall A
GEEWA
MODEL(S): Hartford
PAGE 205



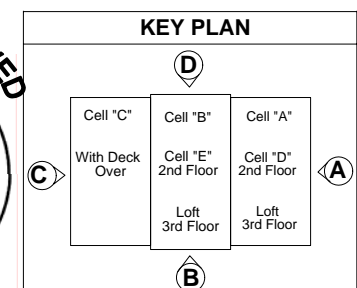
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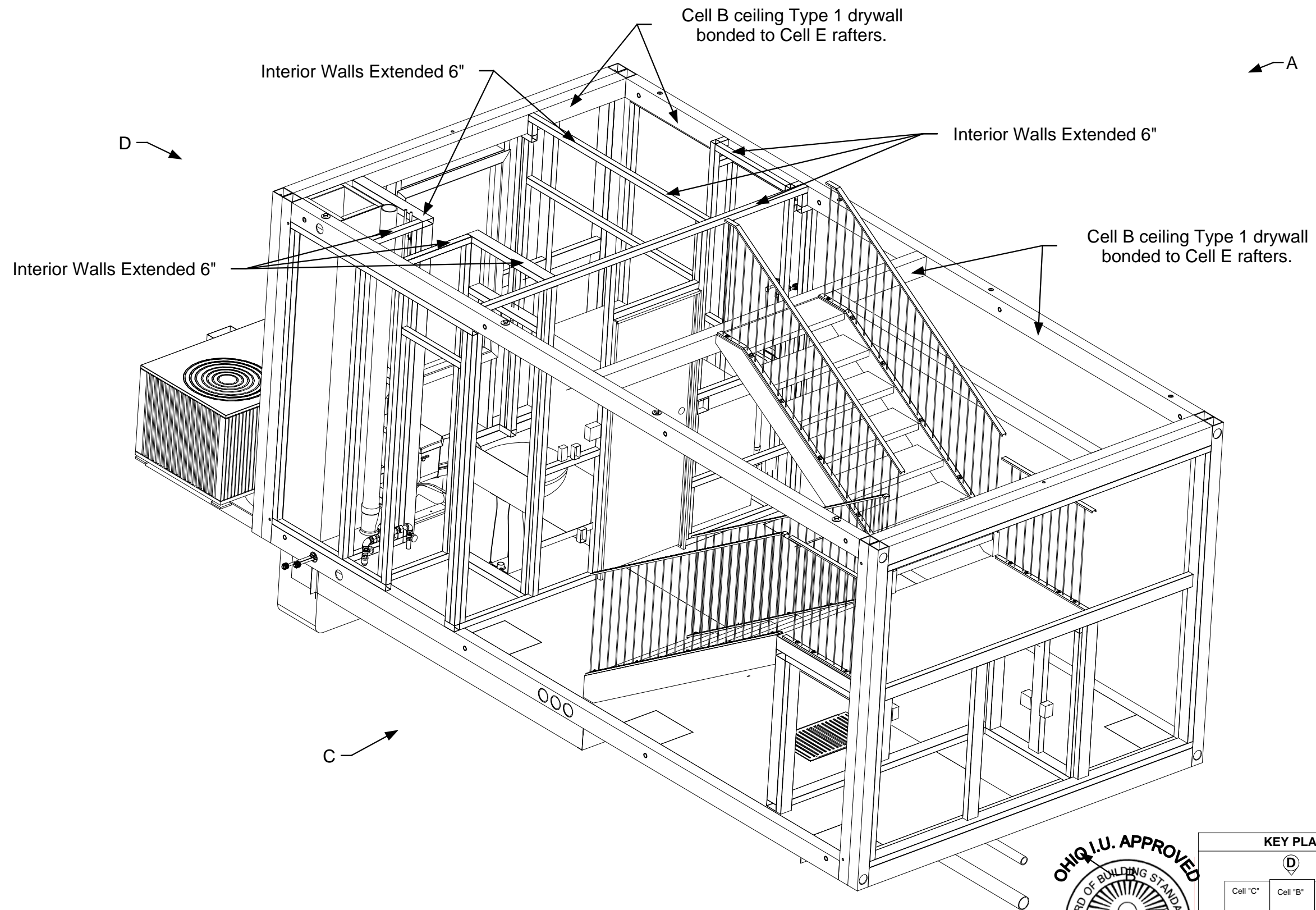
Cell A
Ceiling Modification
3D view

Type 1

MODEL(S): Hartford

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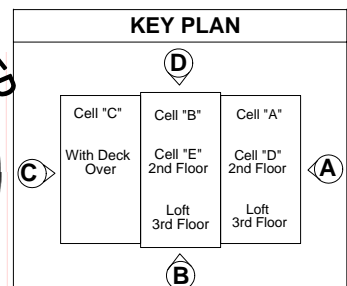
DRAWING

Cell B
Ceiling Modification
3D view

Type 1

MODEL(S): Hartford

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Foam filled 2.5LB

Sealed with Silaprene Solidseal

Composite deck material

Foundation

Pre-cast concrete steps

Composite exterior panels

Pre-cast concrete pilaster foundation

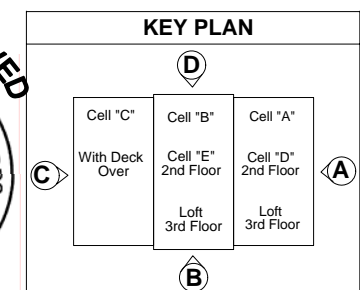


DRAWING

Finished View
Small front porch
Type 1

MODEL(S): Hartford



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Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

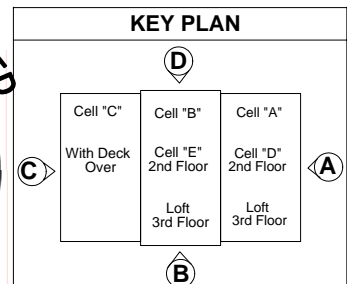
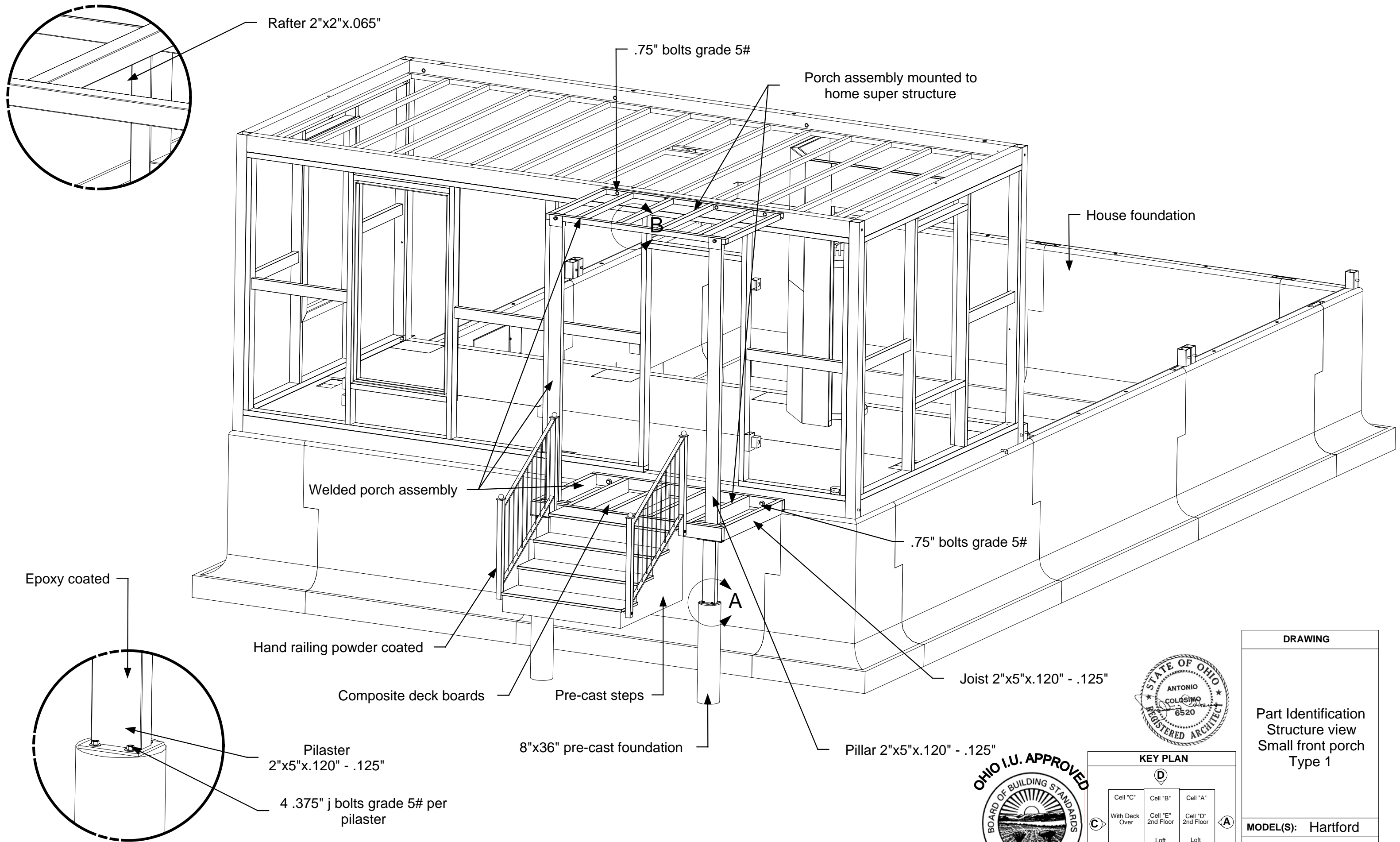
6A,6B,6C,6D,6E,6F,6G,6H,6J,6K7A,7B,7C,7D,7E,7F,
7G,7H,7J,7K,7.4,12A,12B,12C,12D,12E,12F,12G,12H
12J,12K,FP-S



KEY PLAN

Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
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DRAWING
Assembly view Small porch Type 1 Architectural Plan
MODEL(S): Hartford
PAGE 209

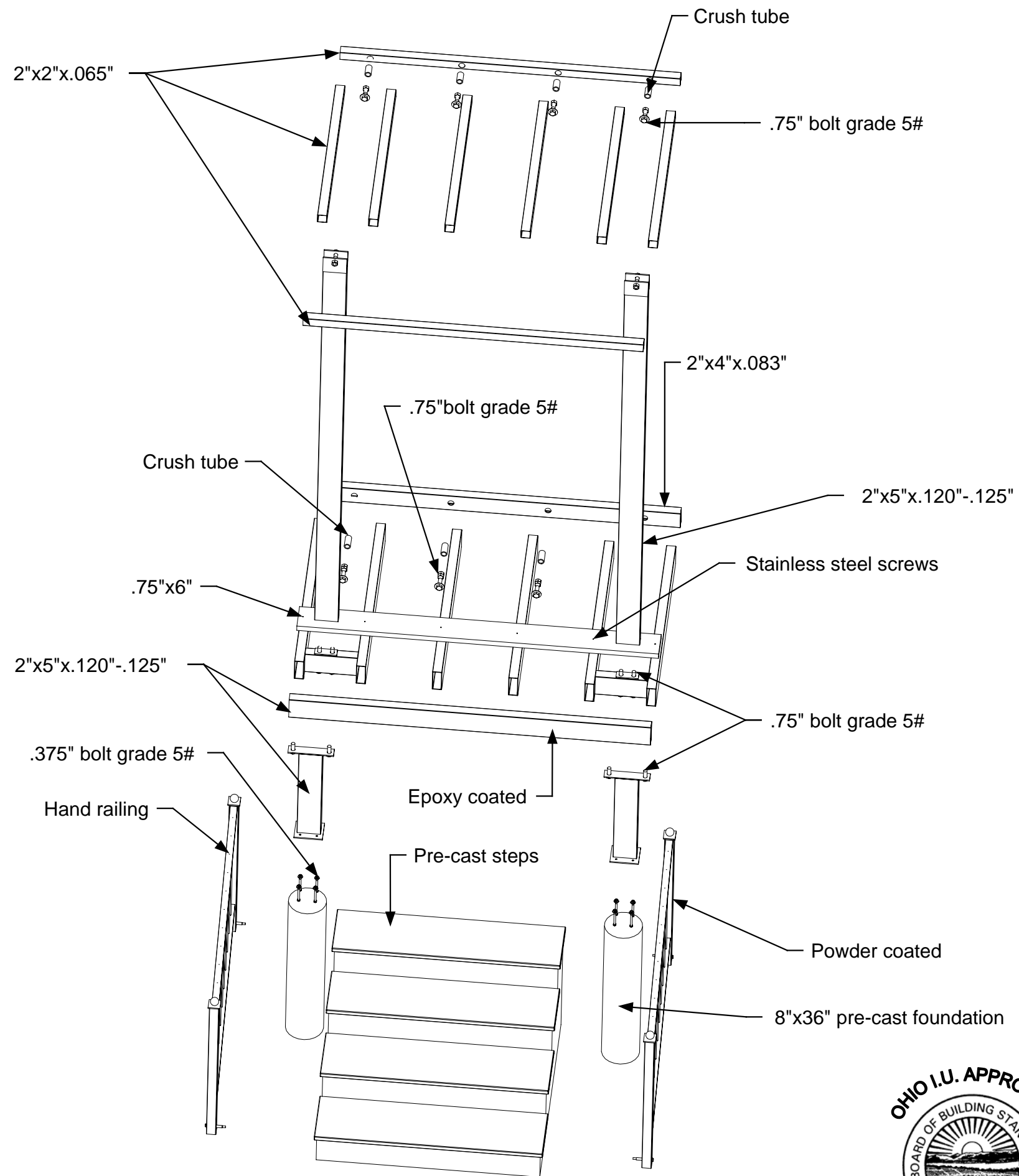


DRAWING

Part Identification
Structure view
Small front porch
Type 1

MODEL(S): Hartford

PAGE209A

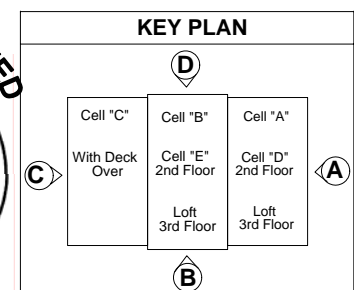


DRAWING

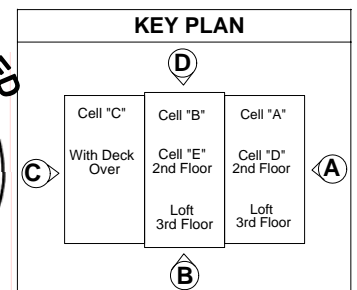
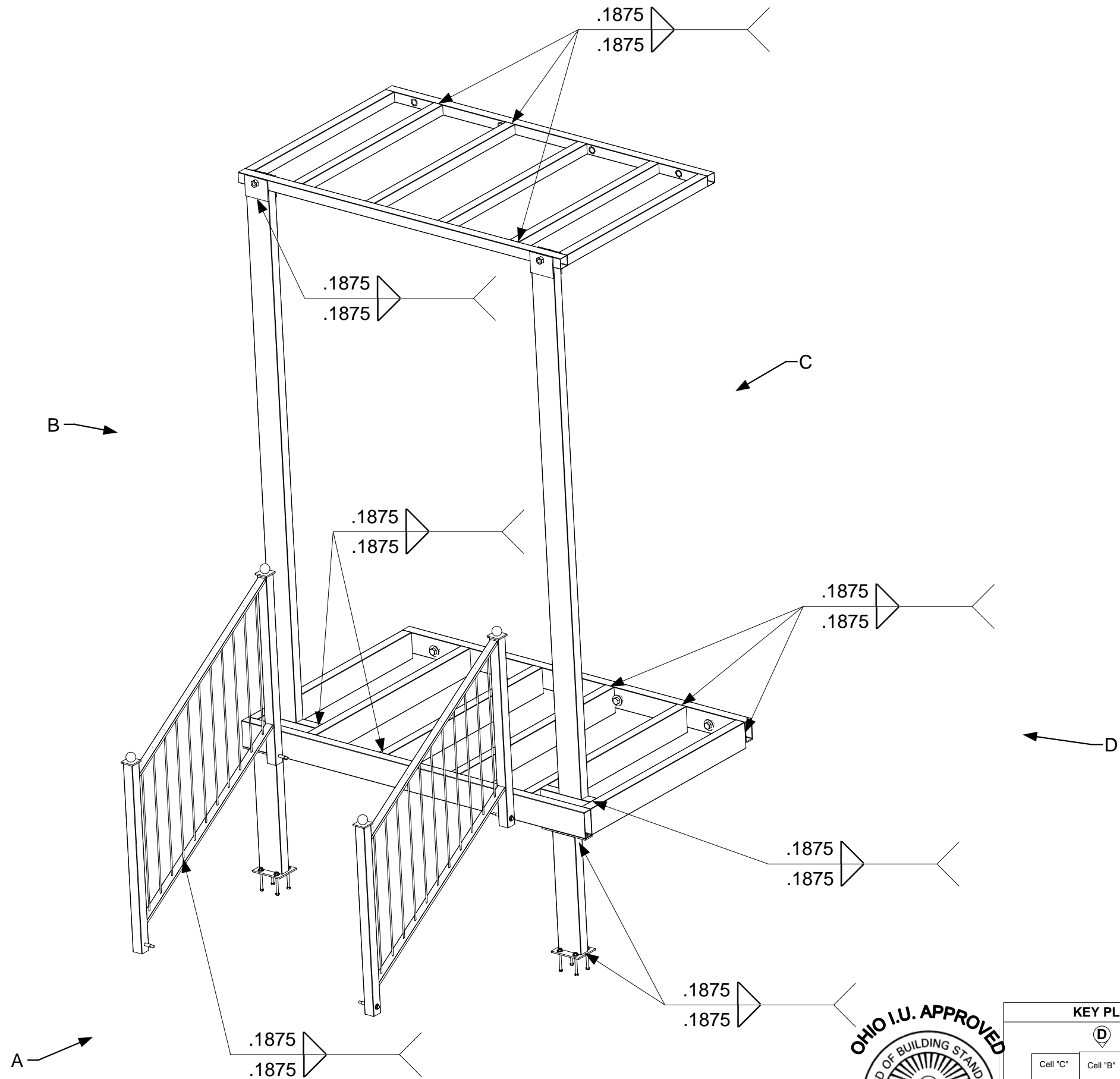
Exploded view
Small porch
Type 1

MODEL(S): Hartford

PAGE 210



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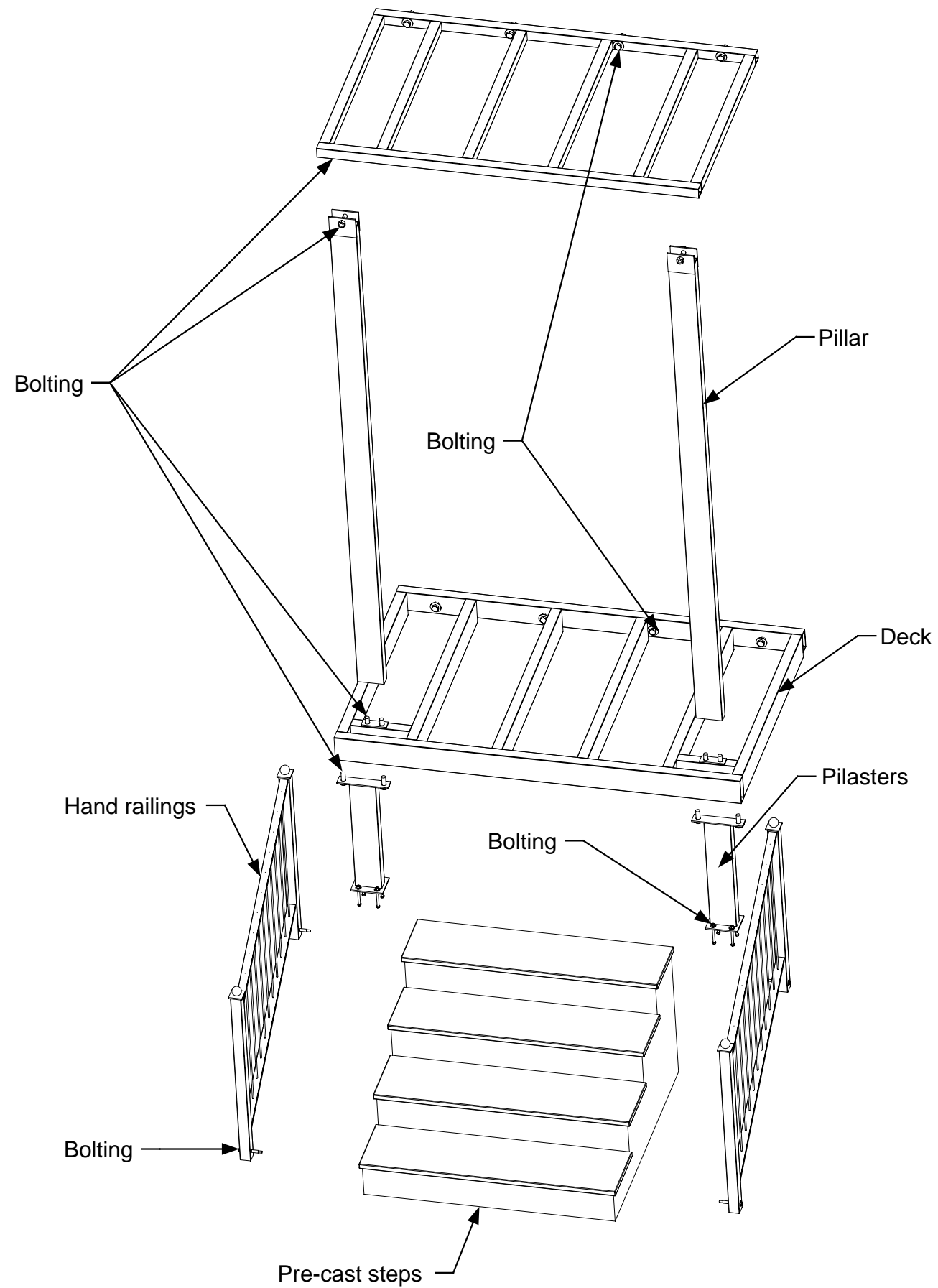


DRAWING

Welding
Small porch
Type 1

MODEL(S): Hartford

PAGE 211

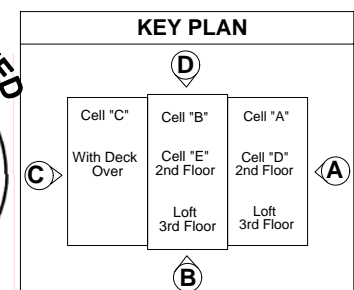


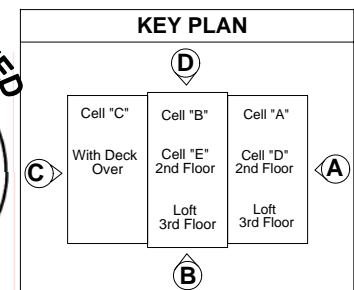
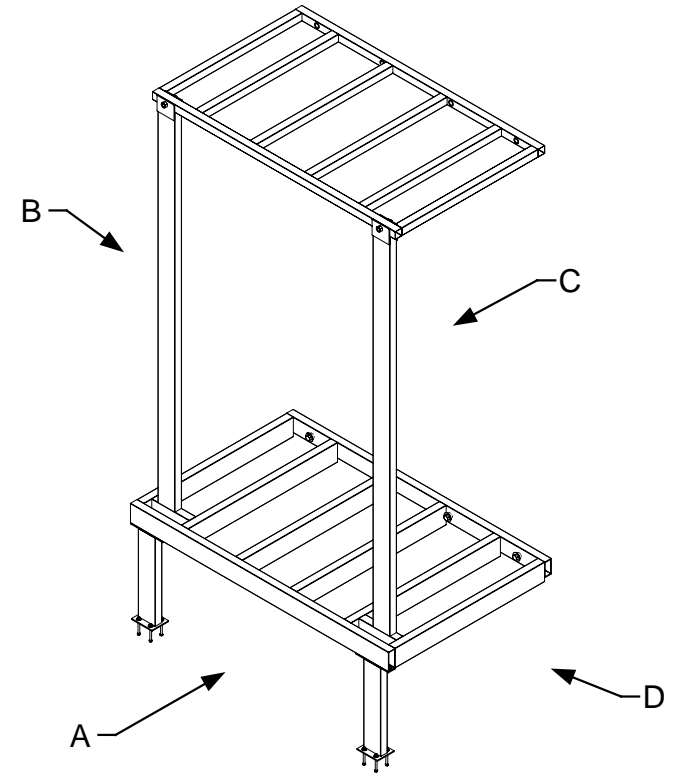
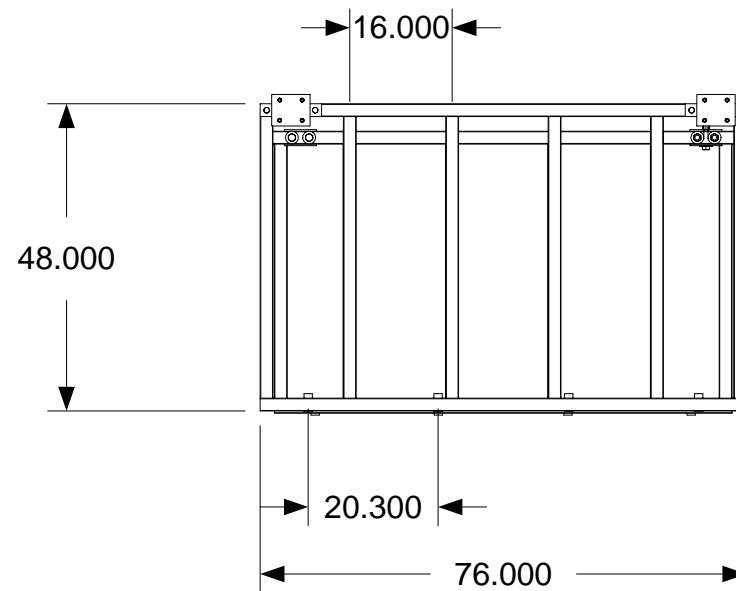
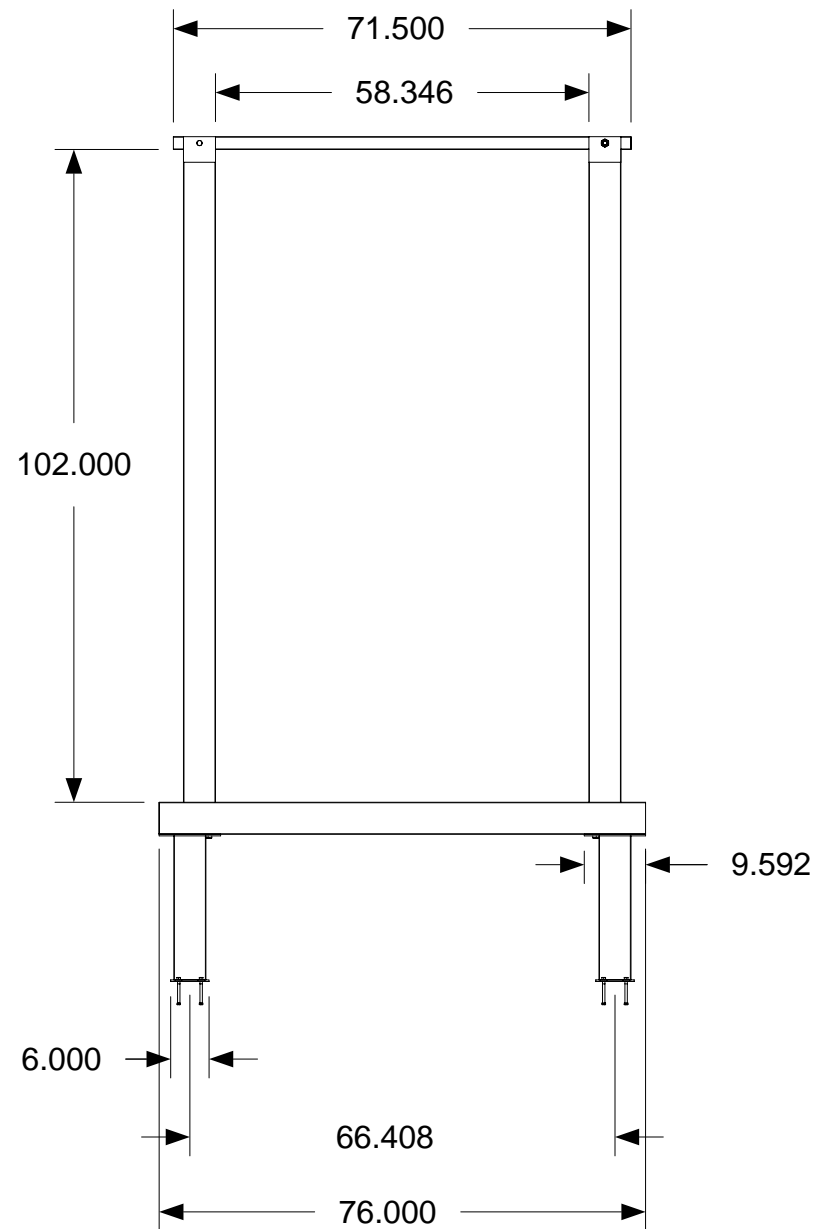
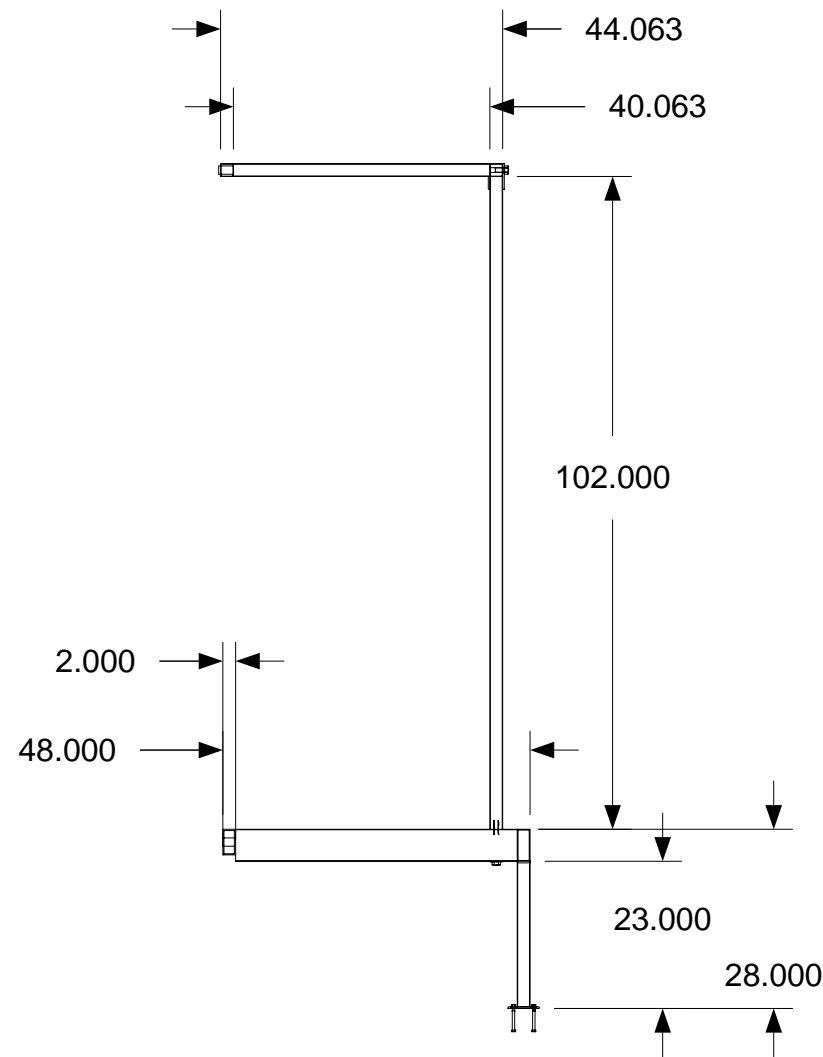
DRAWING

Assembly view
Small porch
Type 1

MODEL(S): Hartford

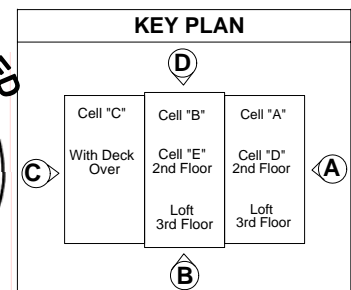
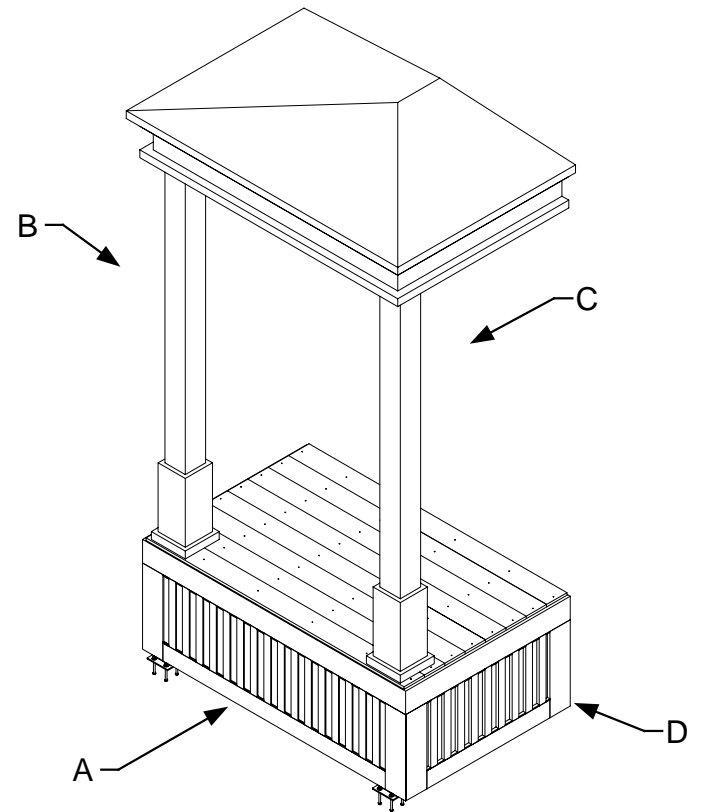
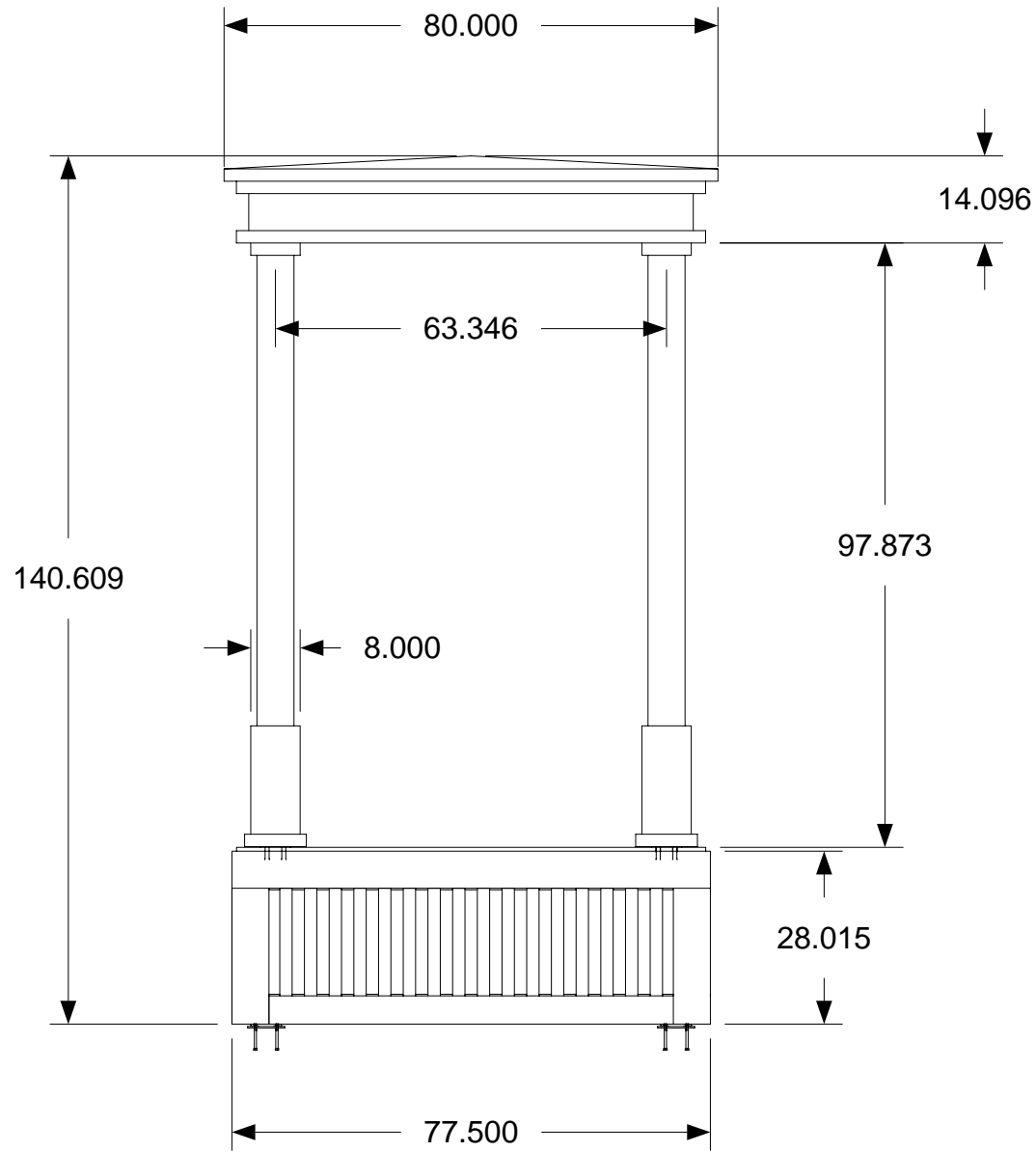
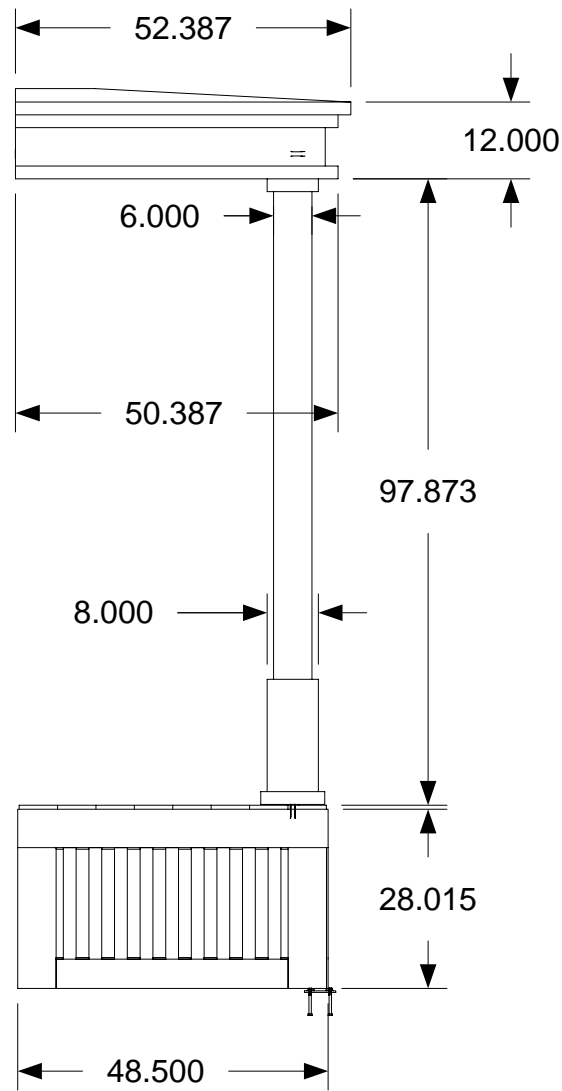
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DRAWING	
Drafting Small porch Type 1	
MODEL(S): Hartford	
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DRAWING

Drafting 2
Small porch
Type 1

MODEL(S): Hartford

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sealed with Silaprene Solidseal

Foam filled 2.5LB

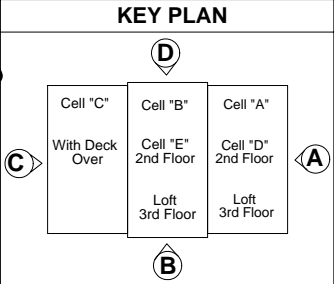
composite exterior panels

Composite deck material

Pre-cast concrete pilaster foundation

Foundation

Pre cast concrete steps



DRAWING

Finished View
Large front porch
Type 2

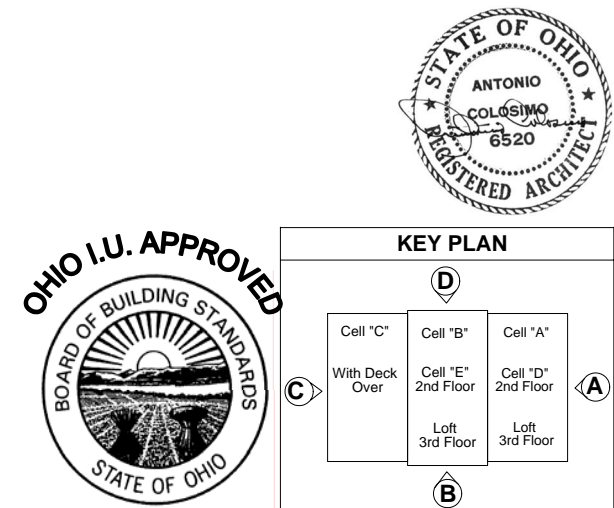
MODEL(S): Hartford

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Large Porch Type 2 Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

**1A,1B,1C,1D,1E,1F,1G,1H,1J,1K,2A,2J,2K,5A,5B,
5C,5D,5E,5F,5G,5H,5J,5K,5.4,6A,6B,6C,6D,6E,6F,
6G,6H,6J,6K,7A,7B,7C,7D,7E,7F,7G,7H,7J,7K,7.4,
12A,12B,12C,12D,12E,12F,12G,12H,12J,12K,17A,
17B,17C,17D,17E,17F,17G,17H,17J,17K,22J,22K,
26A,26B,26C,26D,26E,26F,26G,26H,26J,26K**

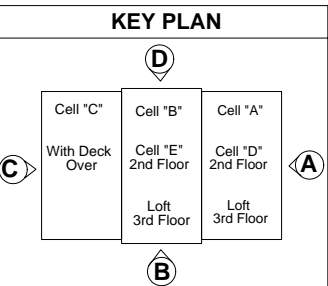
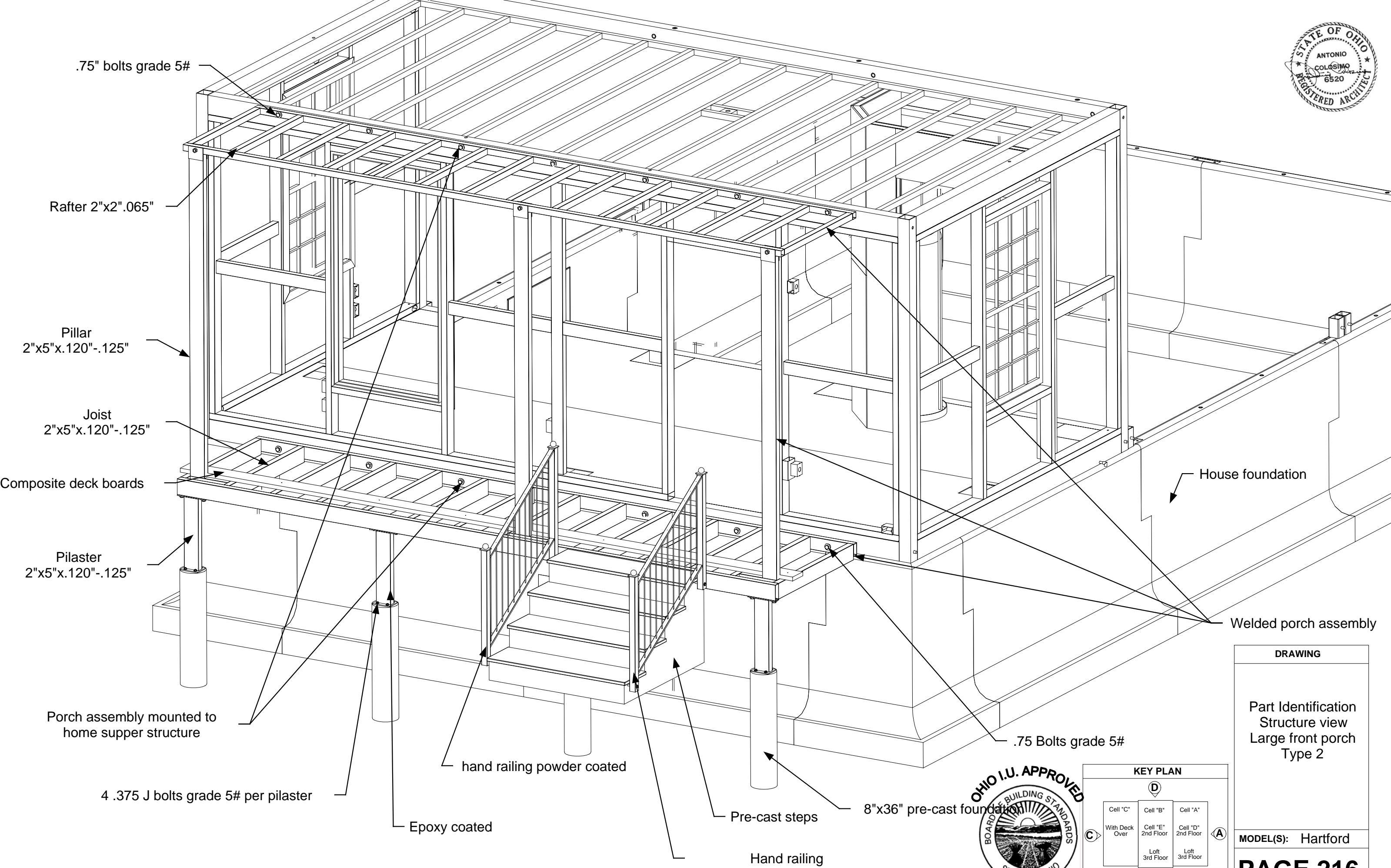


DRAWING

Assembly View
Large front porch
Type 2
Architectural Plan

MODEL(S):	Hartford
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PAGE 215A

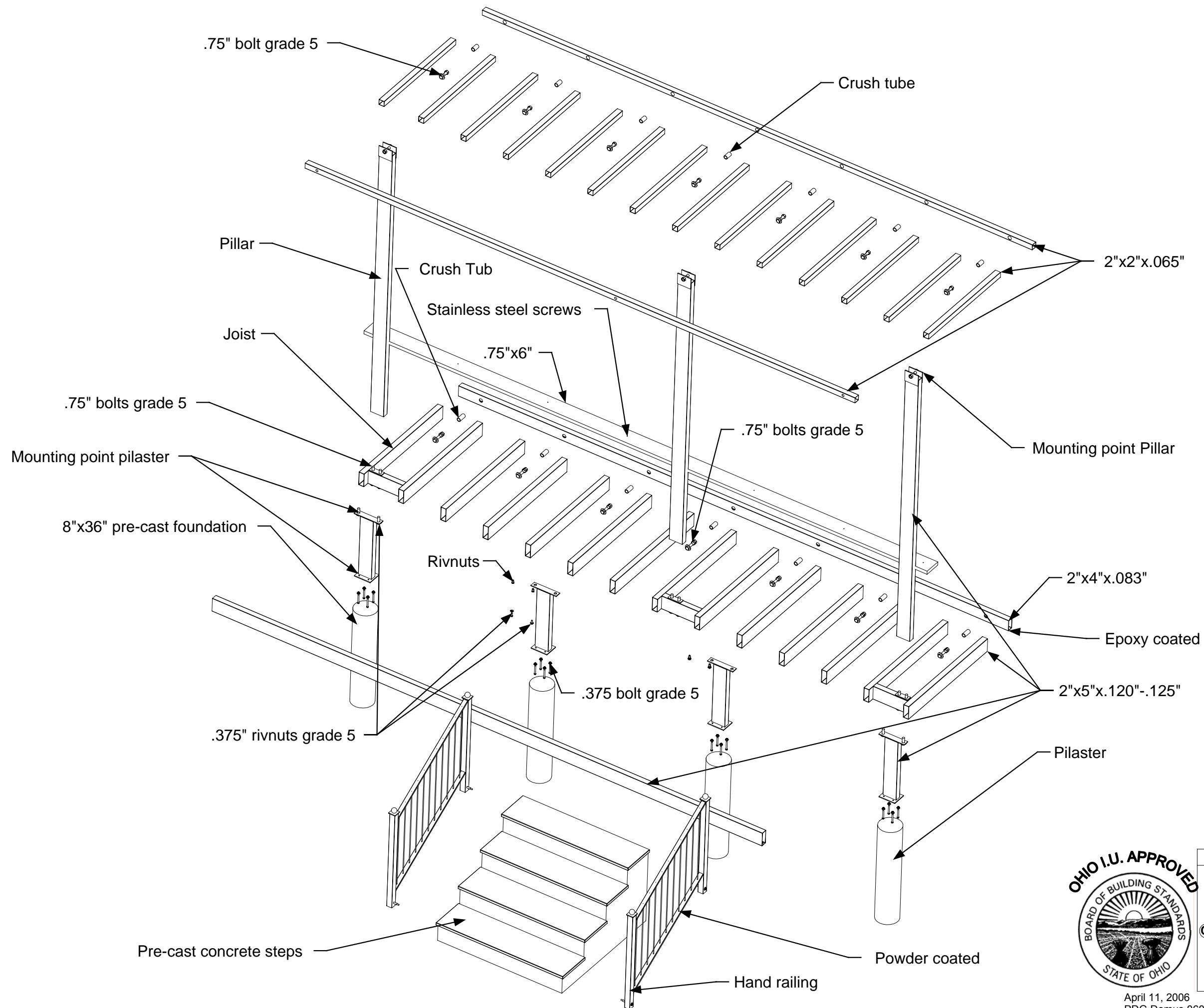


DRAWING

Part Identification
Structure view
Large front porch
Type 2

MODEL(S): Hartford

PAGE 216

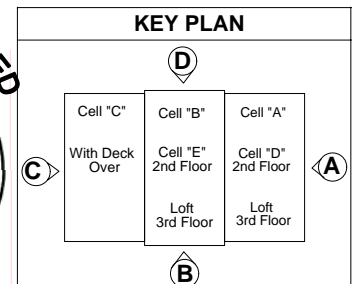


DRAWING

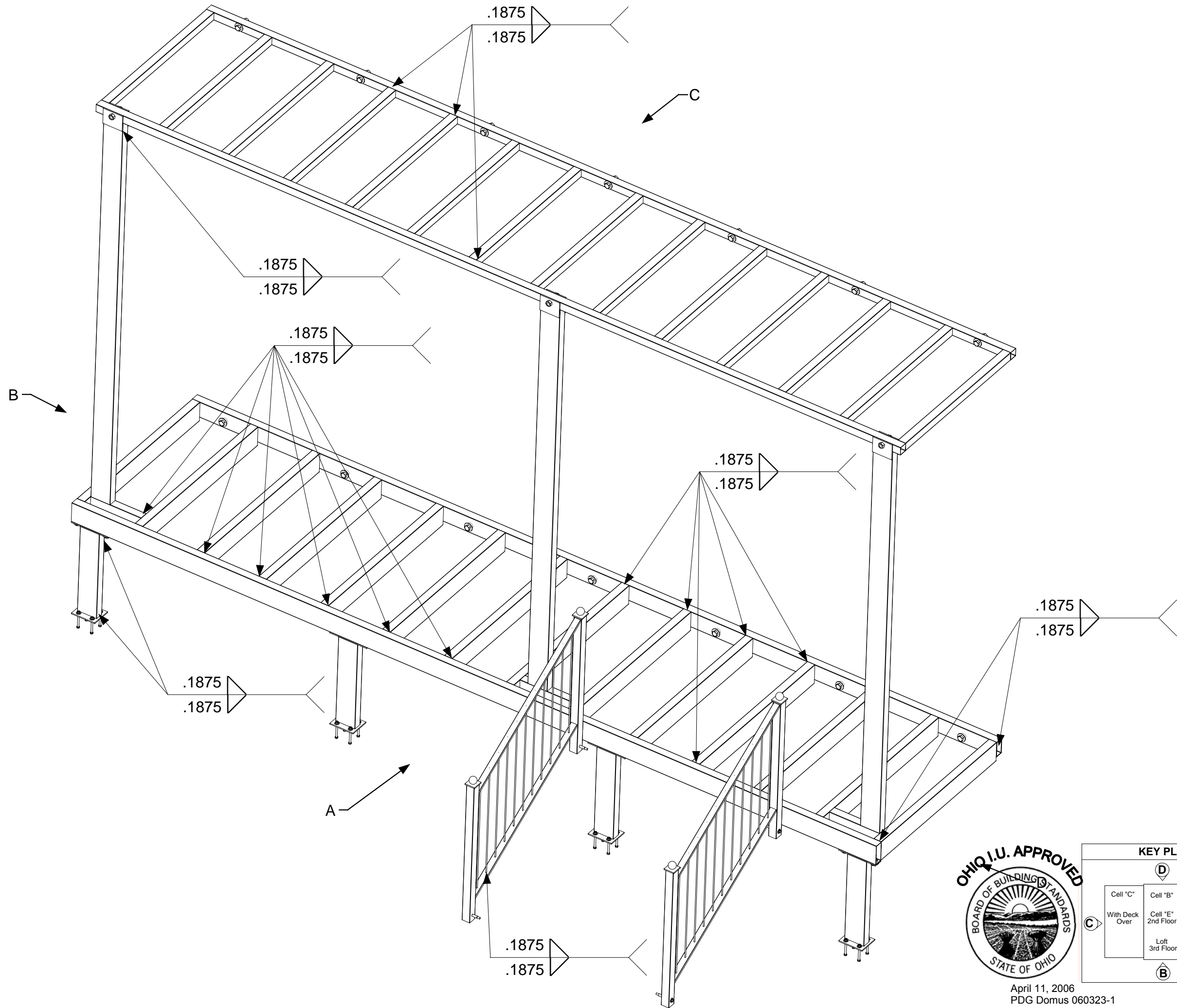
Exploded view
Large porch
Type 2

MODEL(S): Hartford

PAGE 217



April 11, 2006
PDG Domus 060323-1

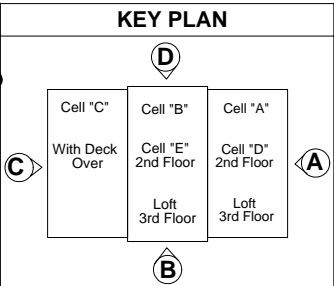


DRAWING

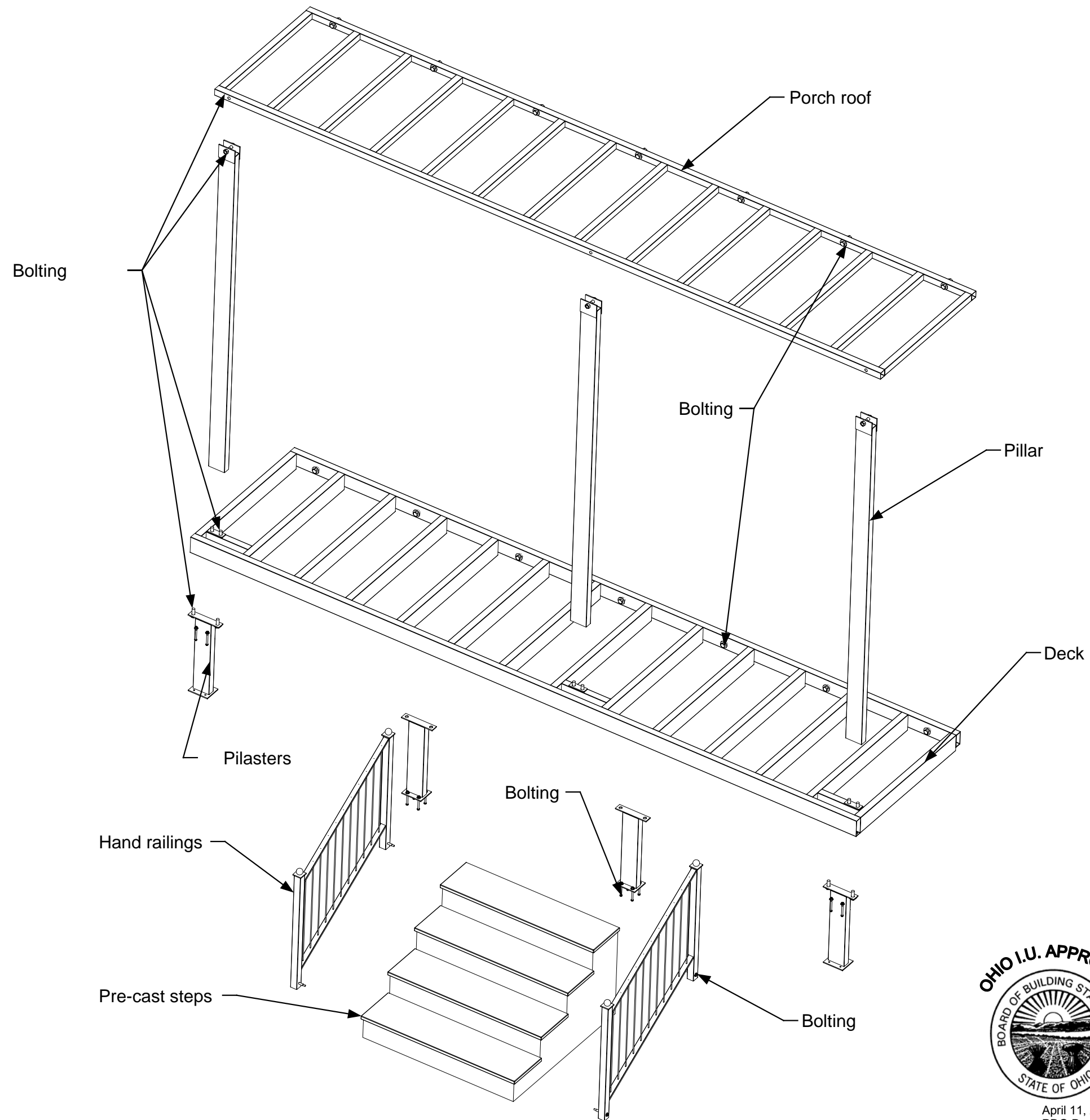
Welding
Large porch
Type 2

MODEL(S): Hartford

PAGE 218



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PDG Domus 060323-1

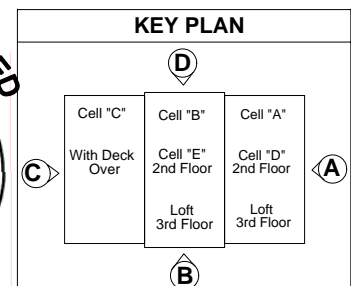


DRAWING

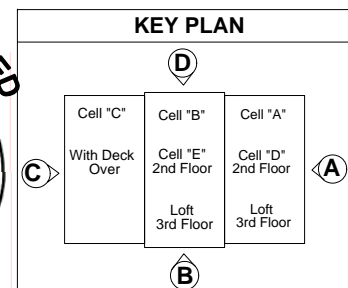
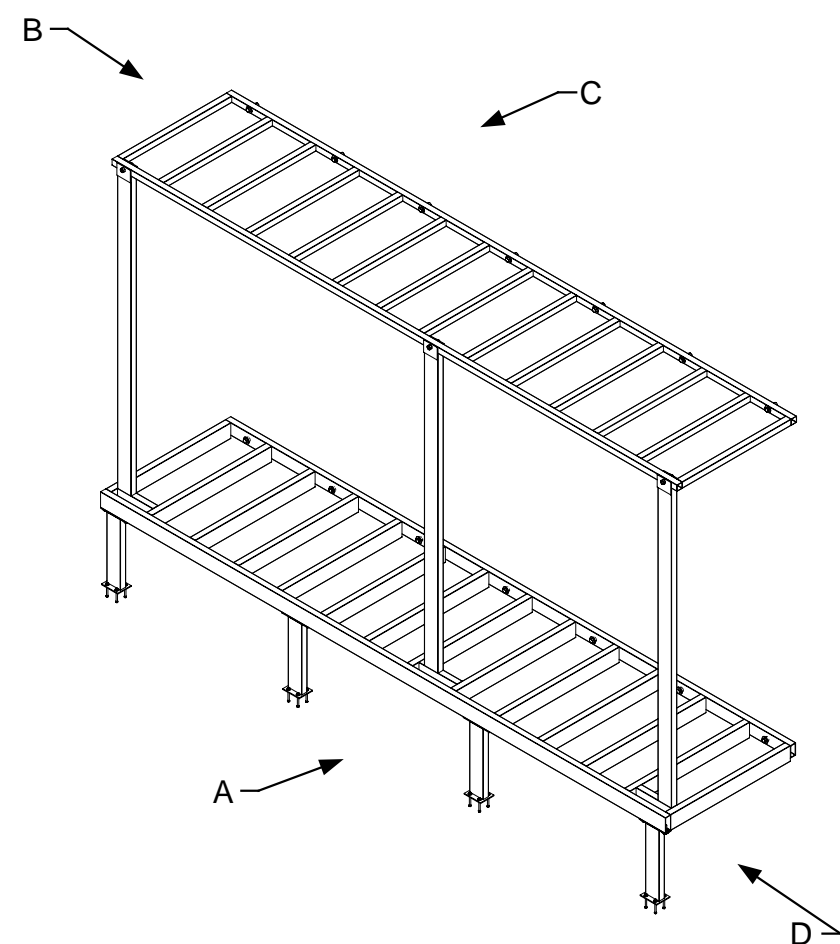
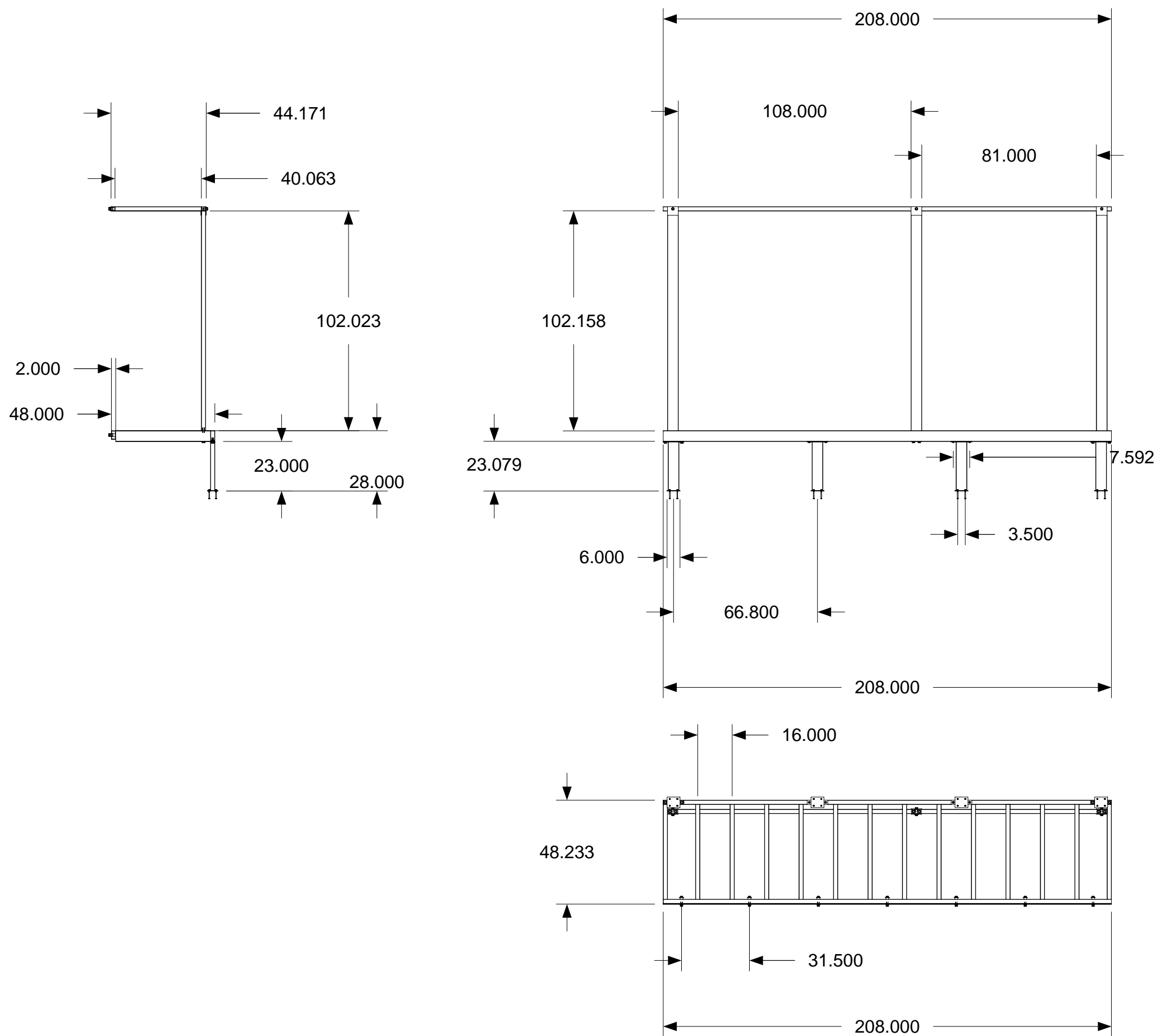
Assembly View
Large porch
Type 2

MODEL(S): Hartford

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PDG Domus 060323-1



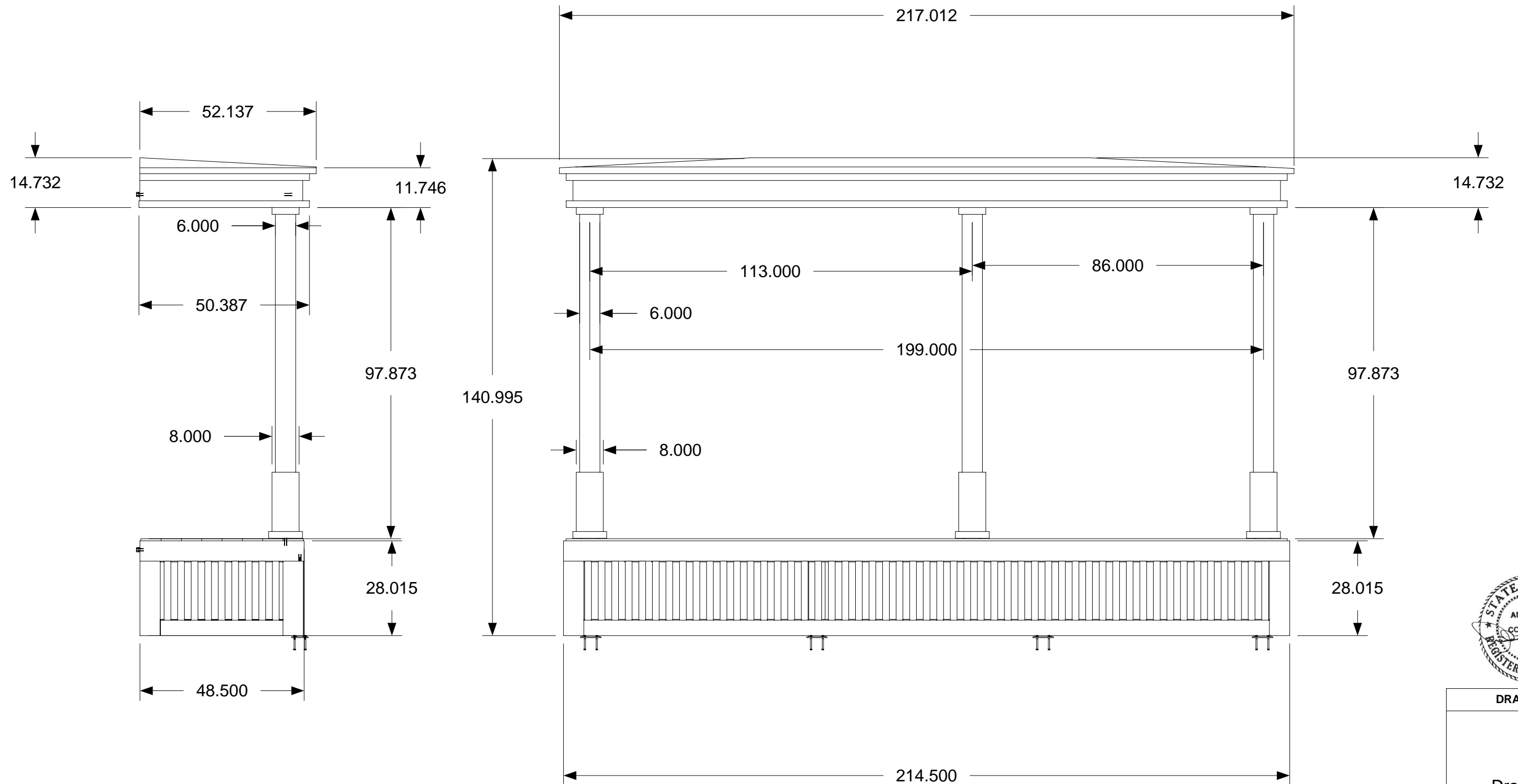
April 11, 2006
PDG Domus 060323-1

DRAWING

Drafting
Large porch
Type 2

MODEL(S): Hartford

PAGE 220

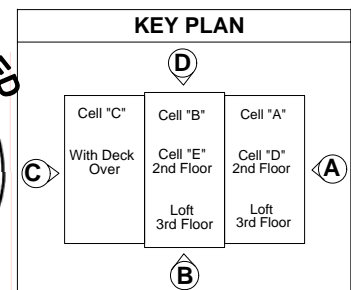


DRAWING

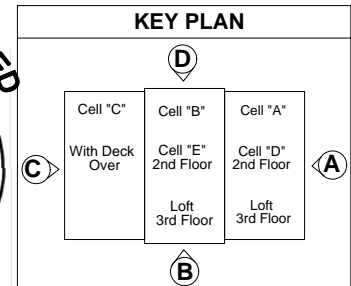
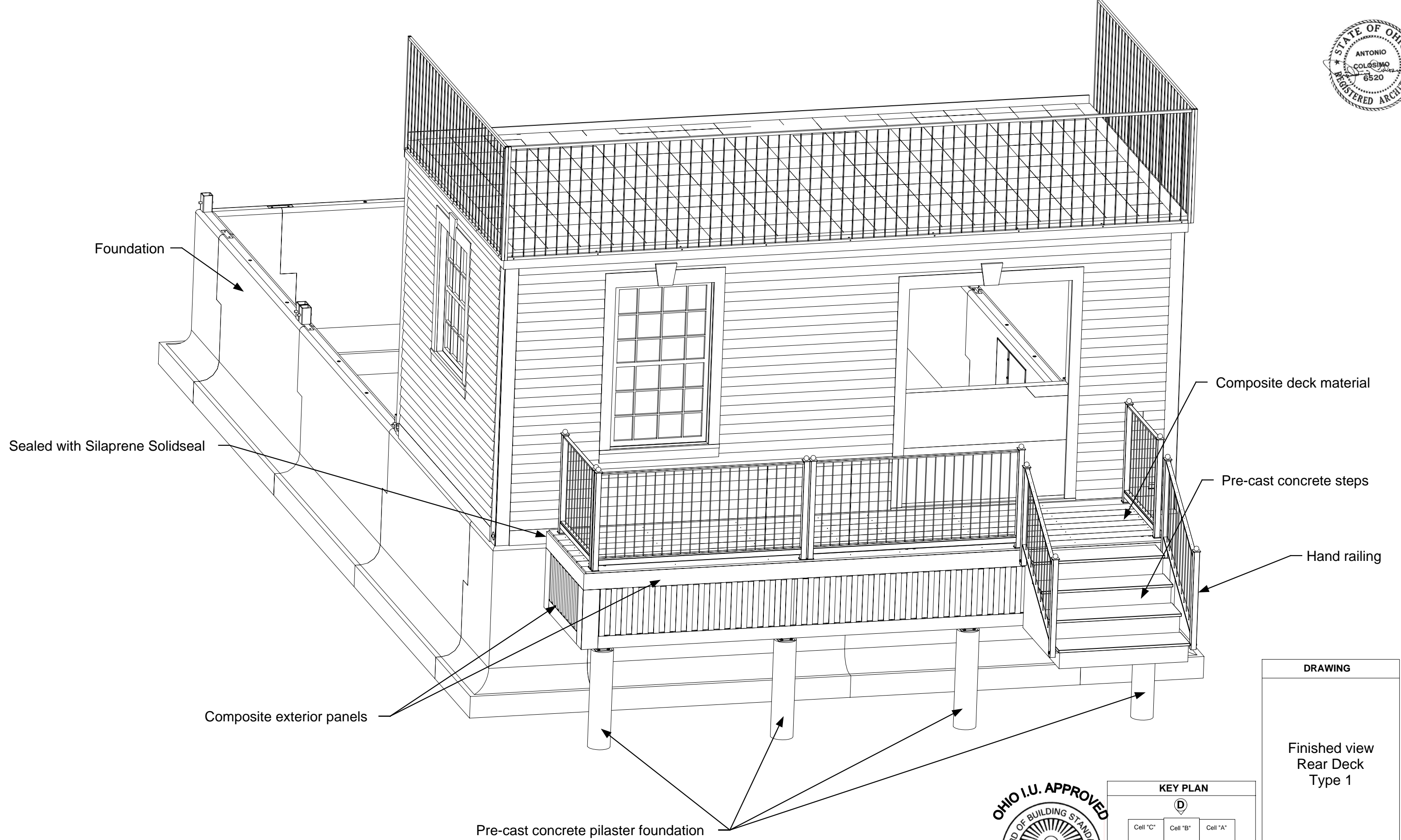
Drafting 2
Large porch
Type 2

MODEL(S): Hartford

PAGE 221



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PDG Domus 060323-1



DRAWING



Finished view
Rear Deck
Type 1

MODEL(S): Hartford

PAGE 222

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

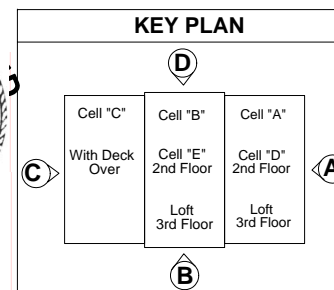
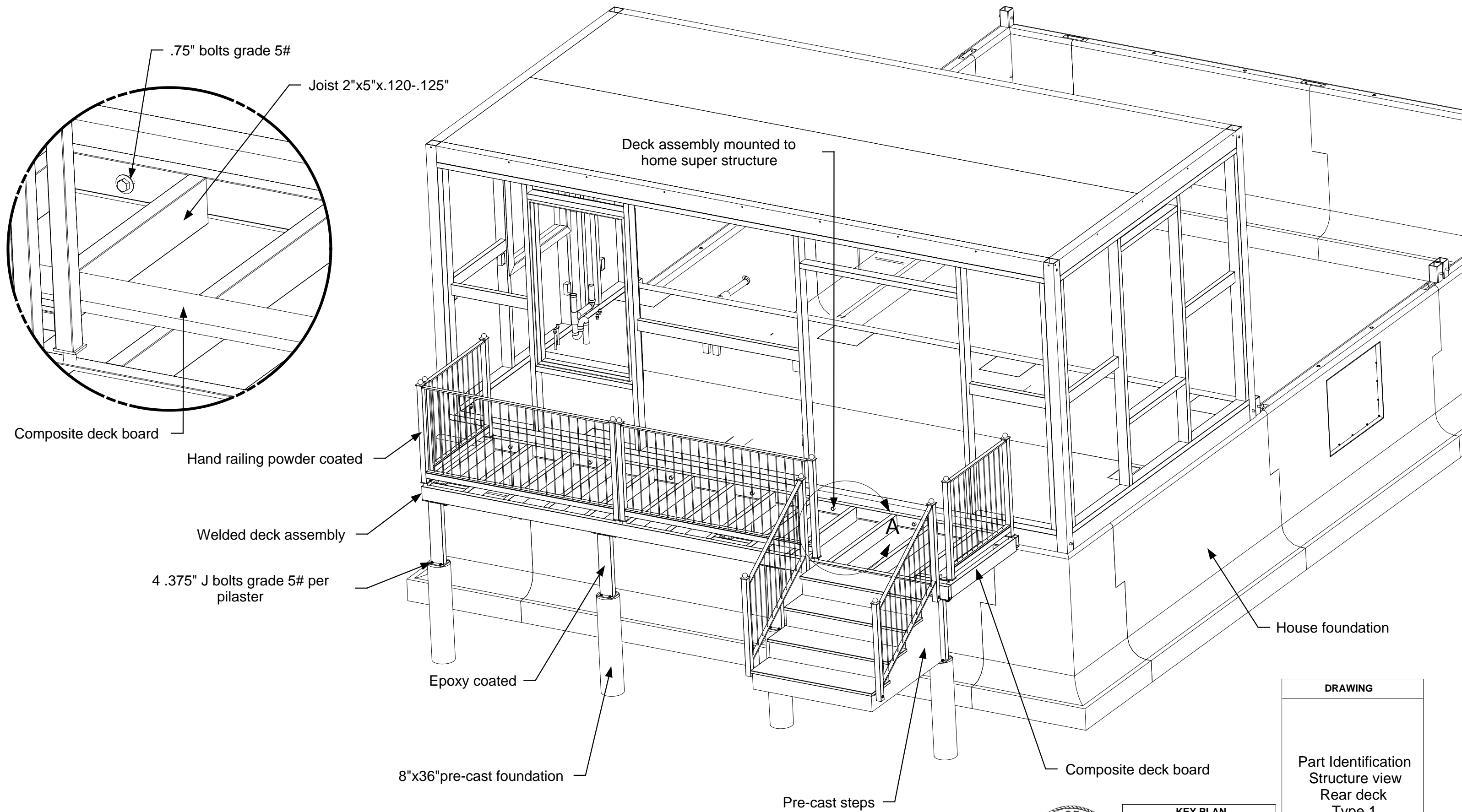
1A,1B,1C,1D,1E,1F,1G,1H,1J,1K,2A,2J,2K,5A,5B,
5C,5D,5E,5F,5G,5H,5J,5K,5.4,6A,6B,6C,6D,6E,6F,
6G,6H,6J,6K,7A,7B,7C,7D,7E,7F,7G,7H,7J,7K,7.4,
12A,12B,12C,12D,12E,12F,12G,12H,12J,12K,17A,
17B,17C,17D,17E,17F,17G,17H,17J,17K,22J,22K,
23A,26A,26B,26C,26D,26E,26F,26G,26H,26J,26K



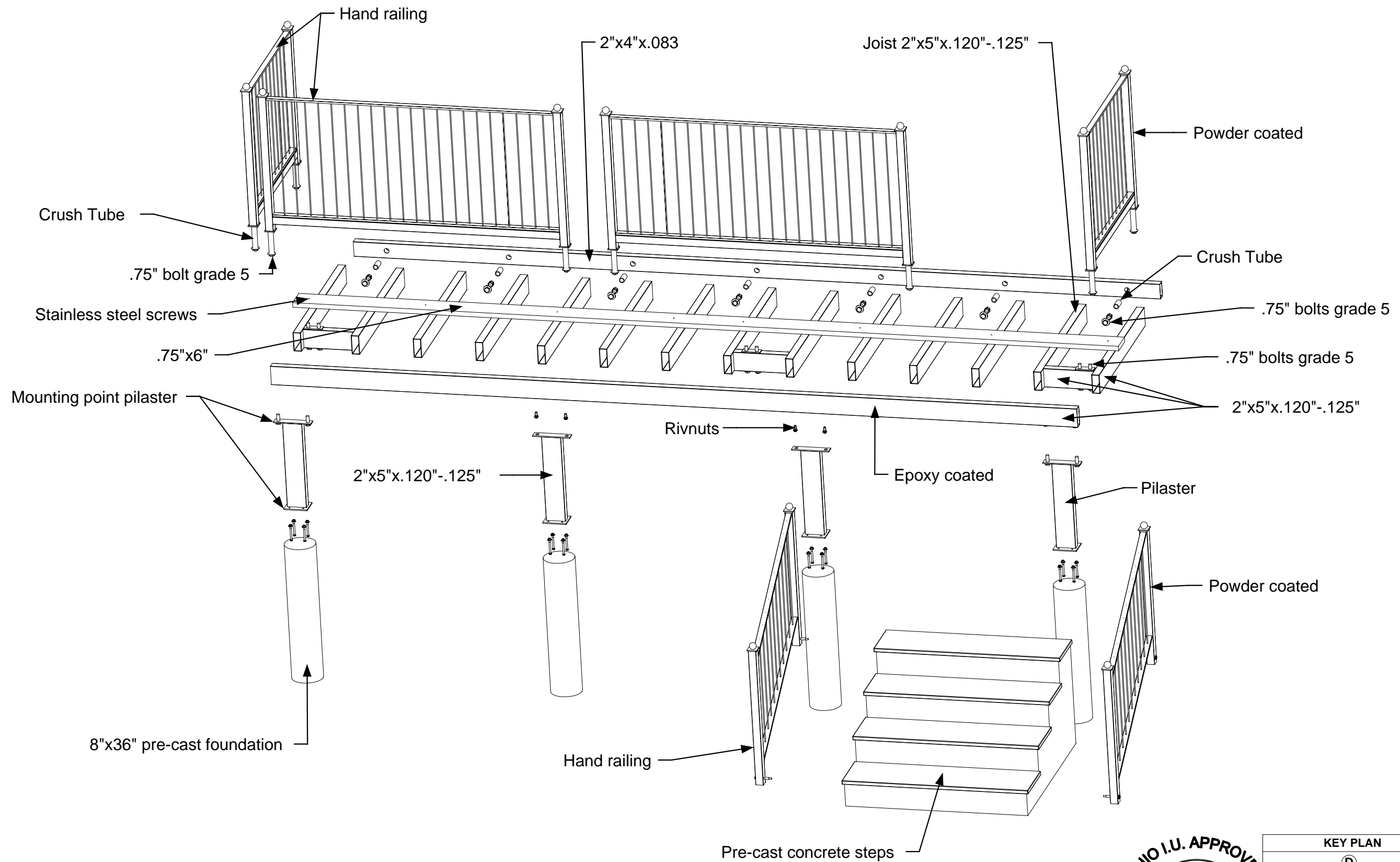
KEY PLAN

Cell "C" With Deck Over	Cell "B" Cell "E" 2nd Floor Loft 3rd Floor	Cell "A" Cell "D" 2nd Floor Loft 3rd Floor
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DRAWING
Assembly View Rear Deck Type 1 Architectural Plan
MODEL(S): Hartford
PAGE 222A



DRAWING	
Part Identification Structure view Rear deck Type 1	
MODEL(S): Hartford	
PAGE 223	

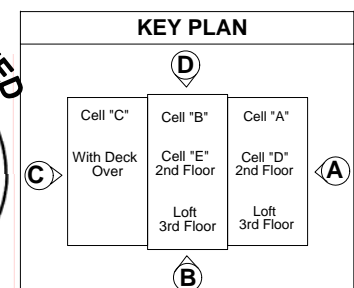


DRAWING

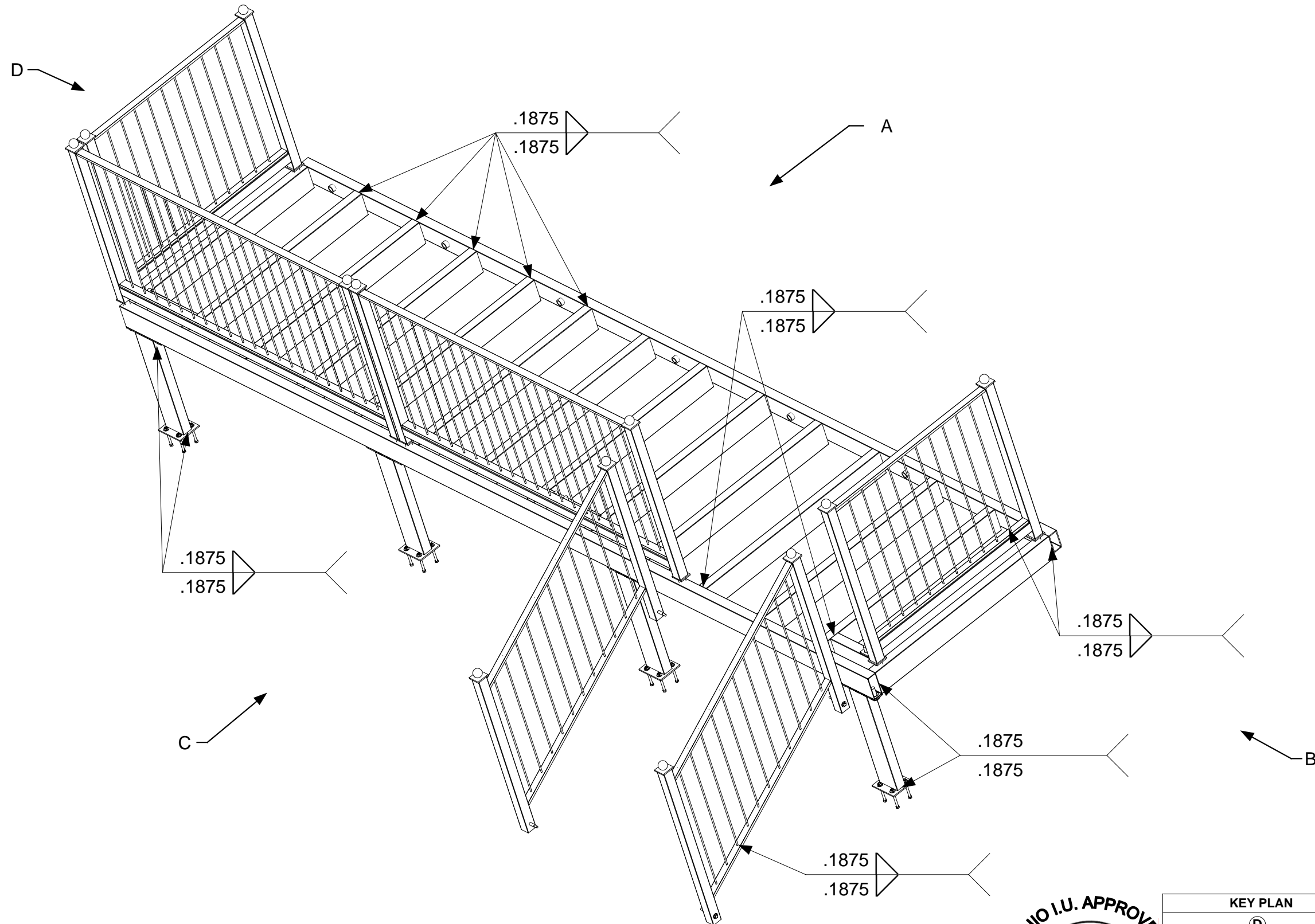
Exploded view
Rear deck
Type 1

MODEL(S): Hartford

PAGE 224



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PDG Domus 060323-1

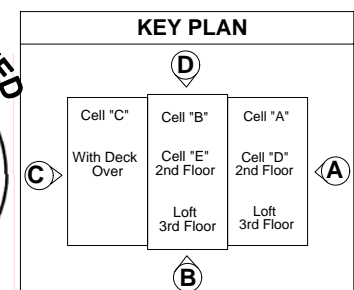


DRAWING

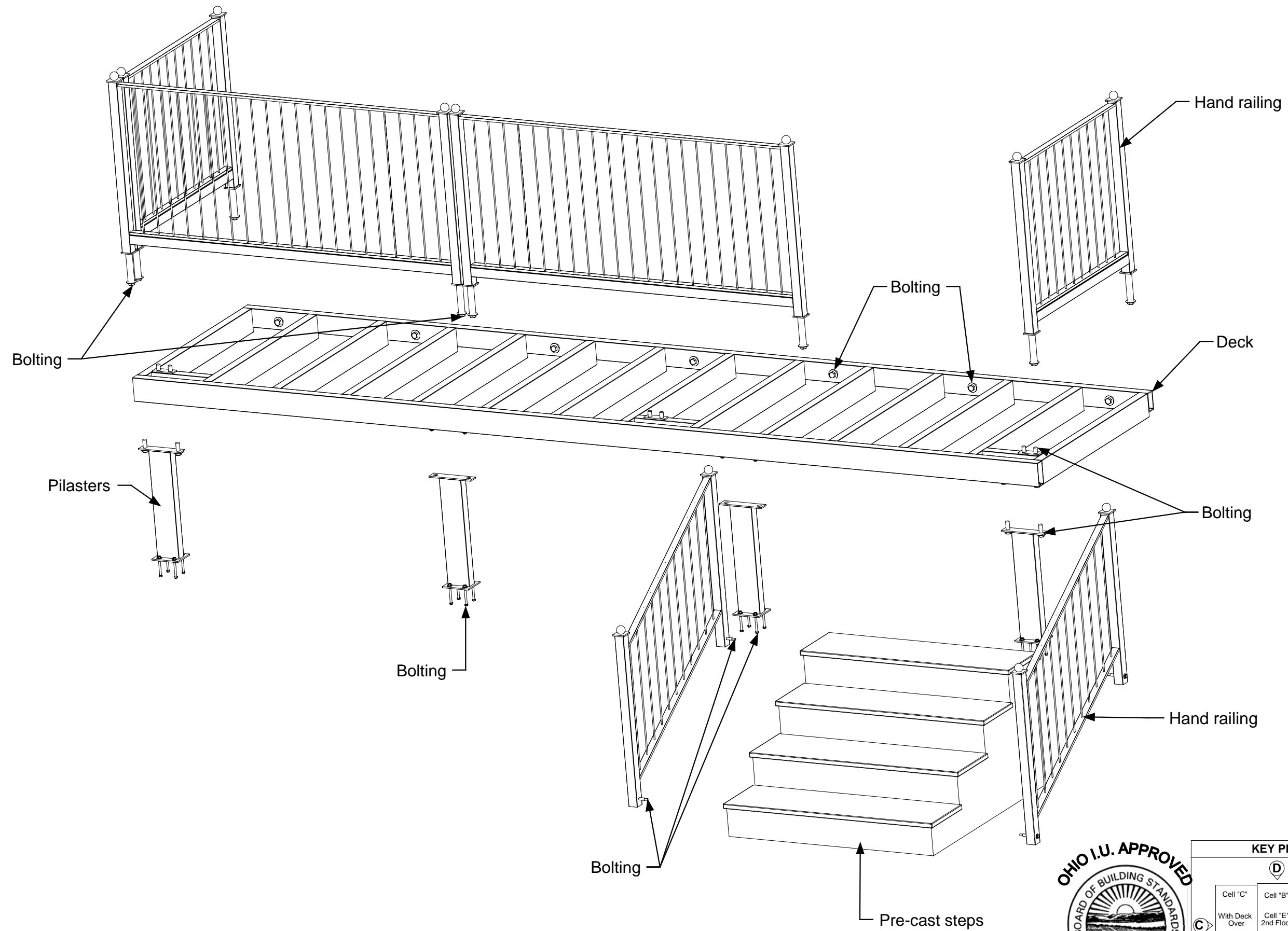
Welding
Rear deck
Type 1

MODEL(S): Hartford

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PDG Domus 060323-1

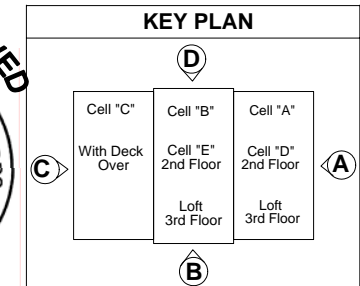


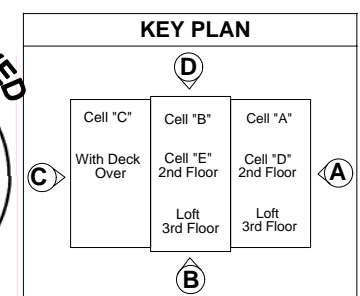
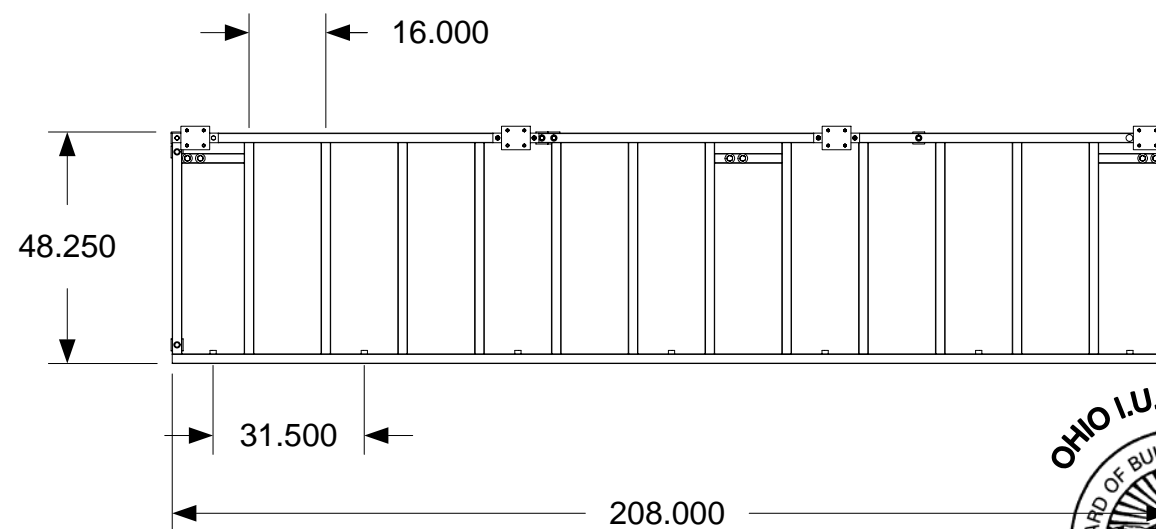
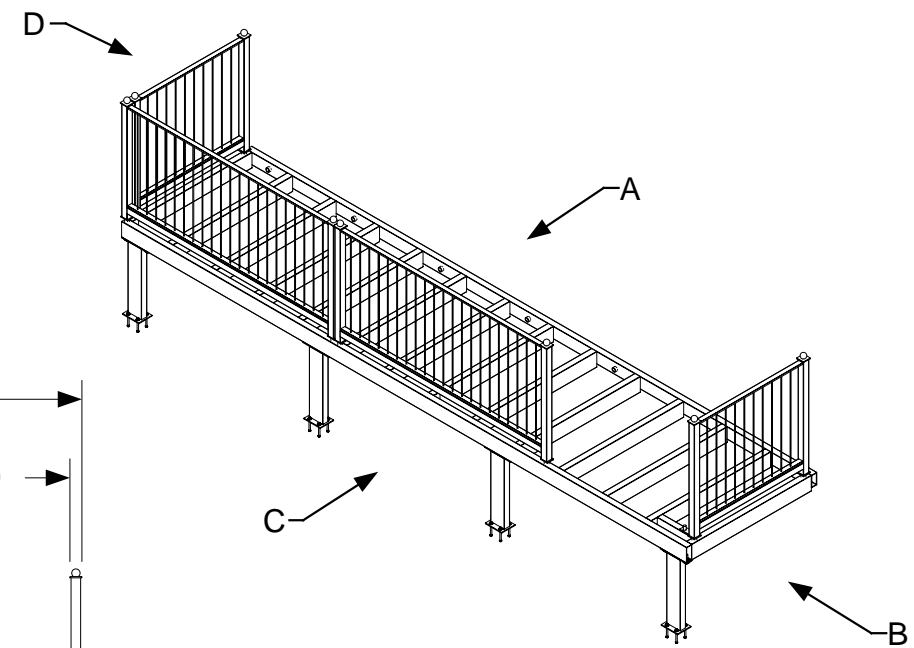
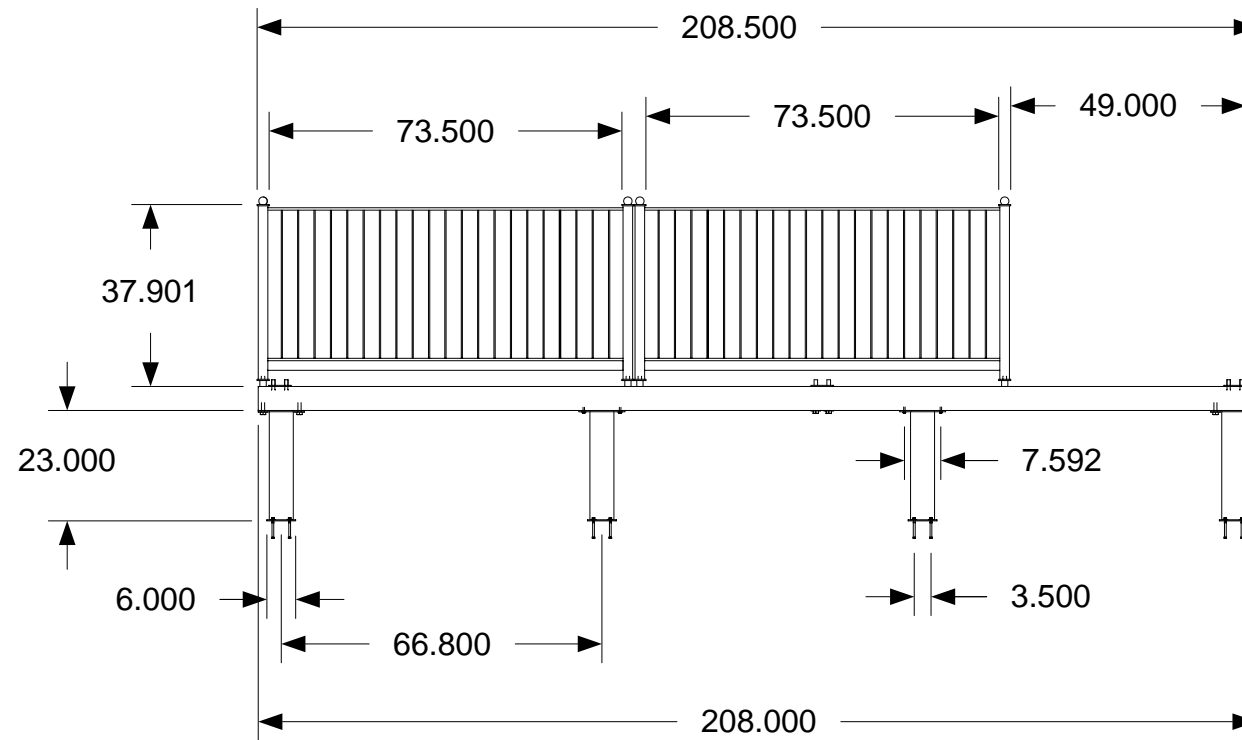
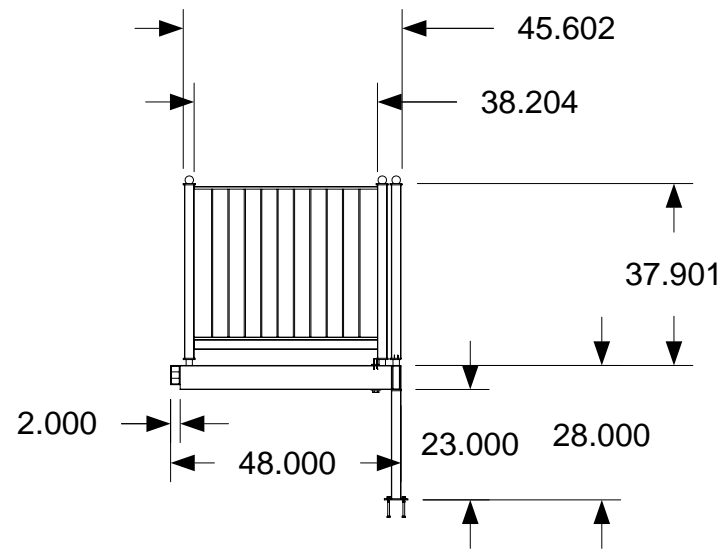
DRAWING

Assembly view
Rear deck
Type 1

MODEL(S): Hartford

PAGE 226



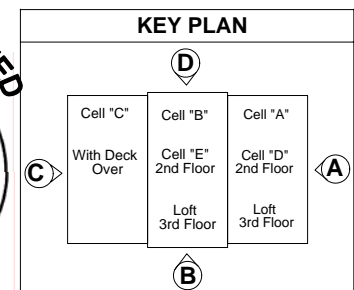
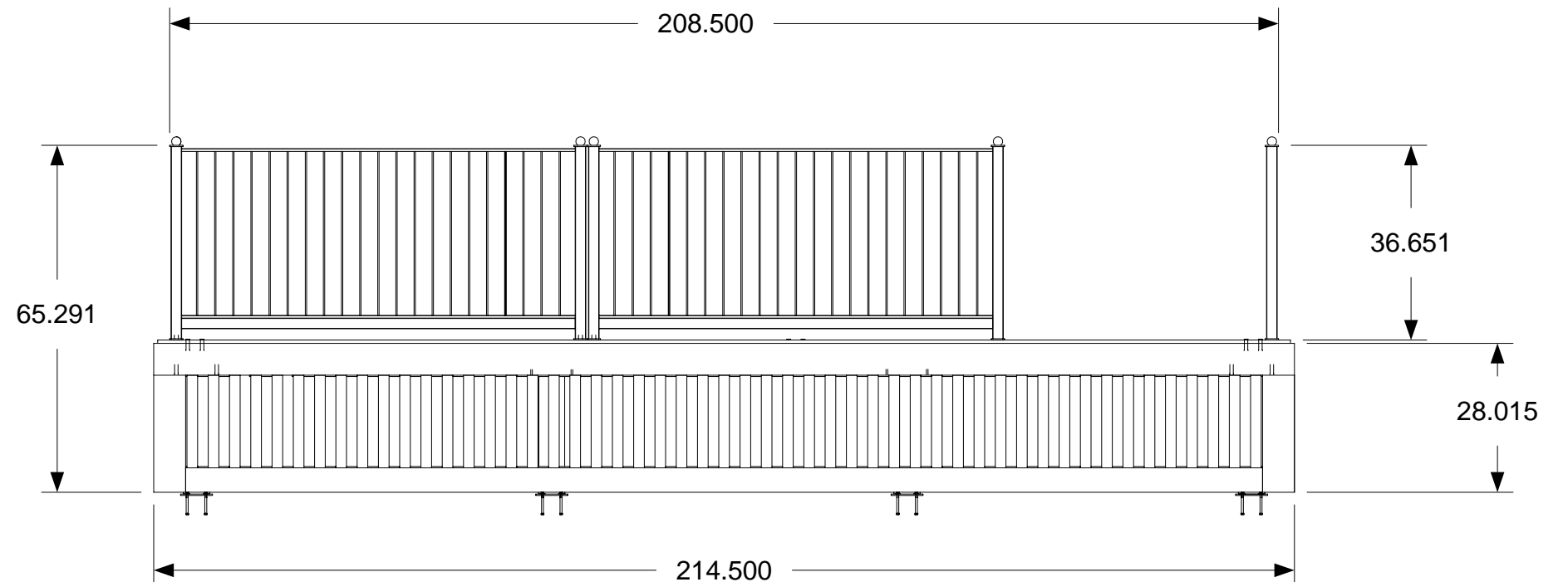
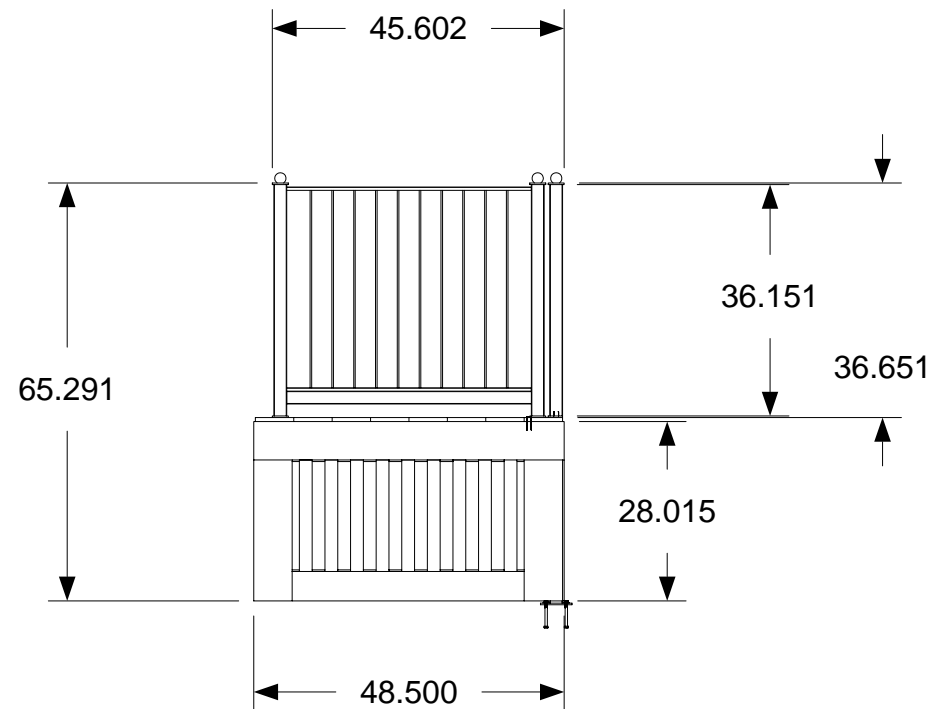


DRAWING

Drafting
Rear deck
Type 1

MODEL(S): Hartford

PAGE 227



April 11, 2006
PDG Domus 060323-1

DRAWING

Drafting 2
Rear deck
Type 1

MODEL(S): Hartford

PAGE 228

Upper
staircase

(Typical) Staircase assembly

.1875 1"-2"
.1875 1"-2"

Grade 5 3/8" Rivnut

Hand Railings welding detail
(Typical)
Ref: Page 233

Grade 5 3/8" Rivnut

Grade 5 3/8" Rivnut

Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

Stair case welding detail
(Typical) Ref: Page 231

.1875 1"-1"
.1875 1"-1"

Lower
staircase

Grade 5 3/8" Rivnut

Staircase
Landing

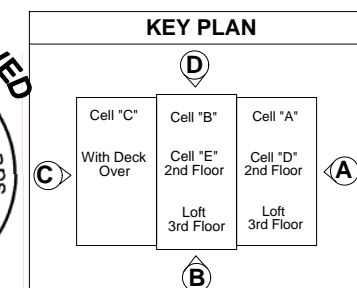


DRAWING

Basement
Staircase Part
Identification

MODEL(S): Hartford

PAGE229



April 11, 2006
PDG Domus 060323-1

Basement Staircase
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)


1J,1K,8A,8B,8C,8J,8K,9J,9K,11A,17J,17K,22J,22K,26J

Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

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STATE OF OHIO



KEY PLAN

Cell "C"

With Deck
Over

Cell "B"

Cell "E"
2nd Floor

Loft
3rd Floor

Cell "A"

Cell "D"
2nd Floor

Loft
3rd Floor

D

C

A

B

STATE OF OHIO

ANTONIO

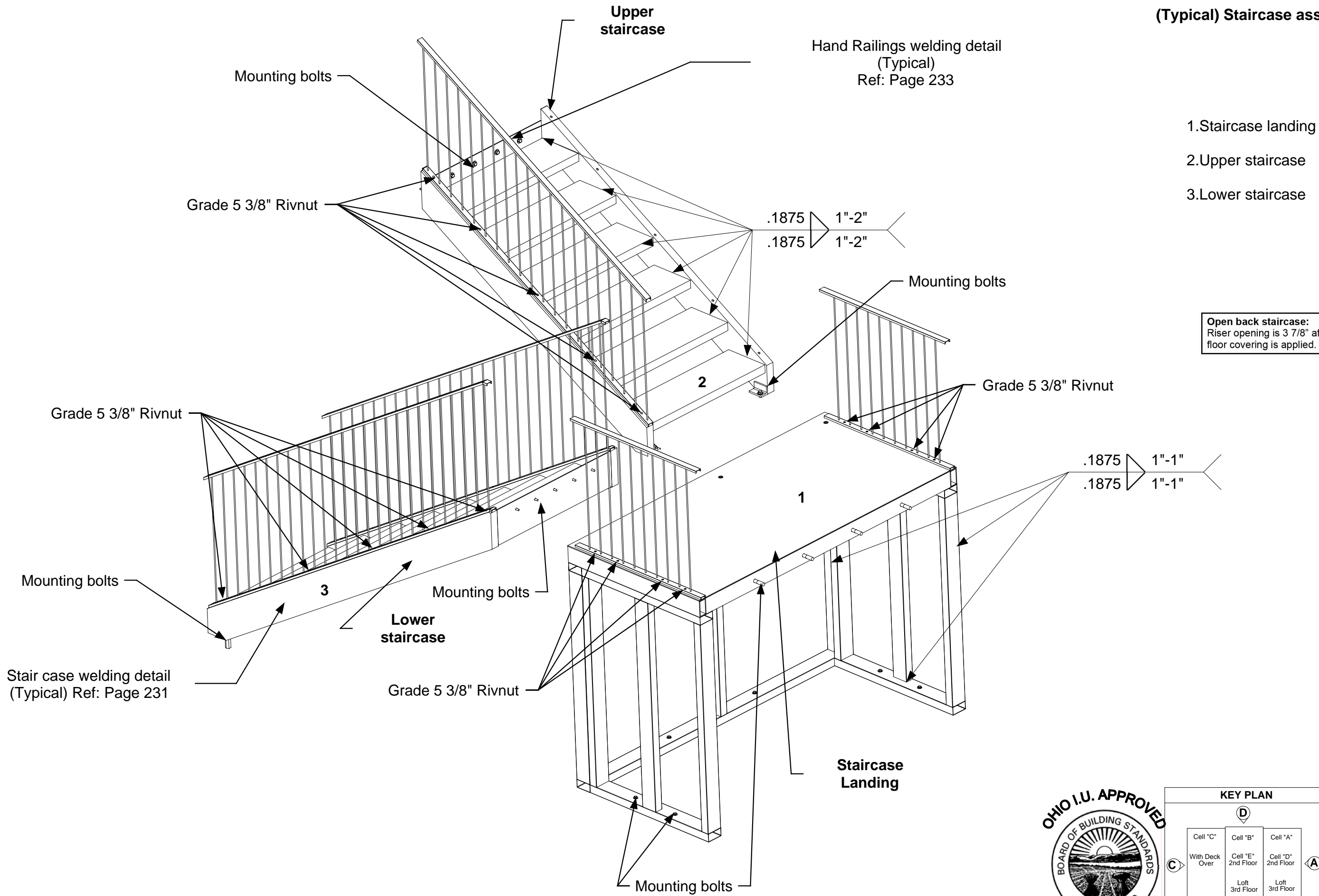
COLOSIMO

6520

REGISTERED ARCHITECT

DRAWING
Basement Staircase Architectural plan
MODEL(S): Hartford
PAGE 229A

(Typical) Staircase assembly



DRAWING

Basement
Staircase welding
(Typical)
1

MODEL(S): Hartford

PAGE230

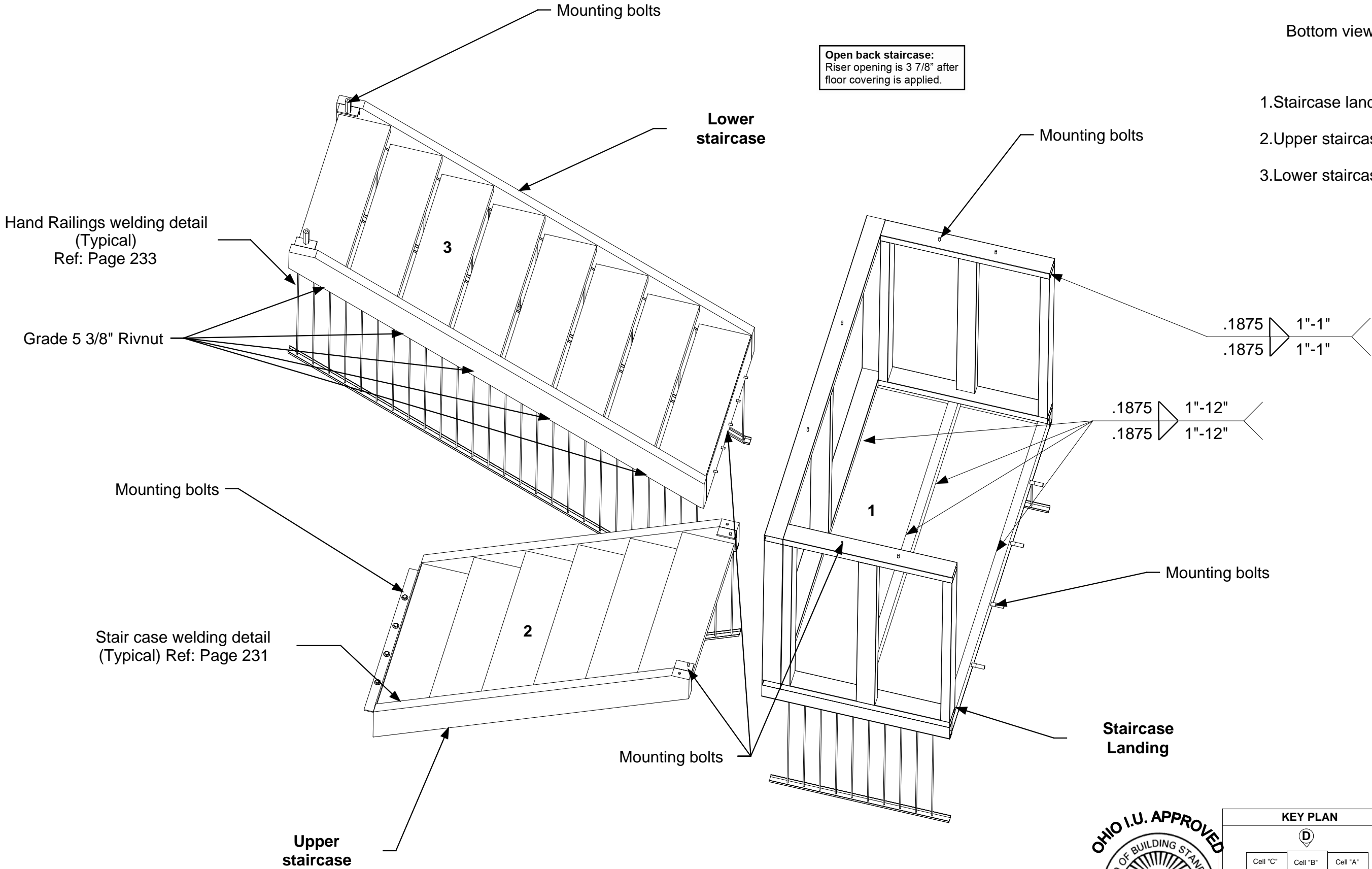


April 11, 2006
PDG Domus 060323-1

(Typical) Staircase assembly

Bottom view

- 1.Staircase landing
- 2.Upper staircase
- 3.Lower staircase

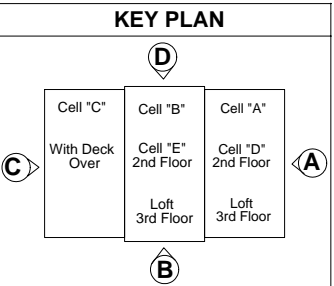


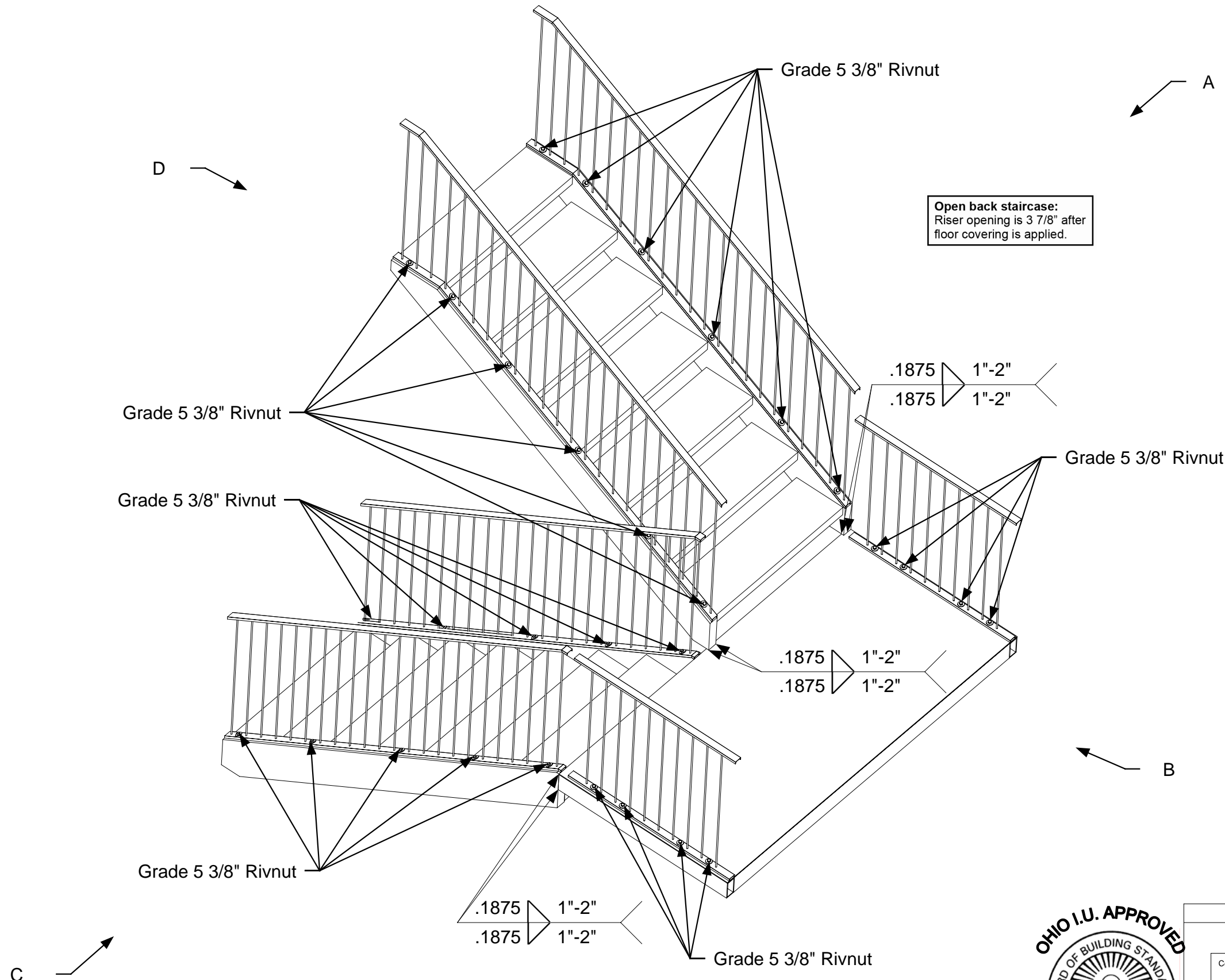
DRAWING

Basement
Staircase welding
(Typical)
2

MODEL(S): Hartford

PAGE231





Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

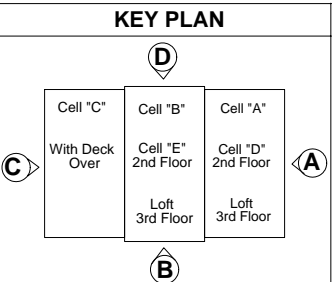


DRAWING

1st floor
Cell B
Assembly Staircase-
Assembly Staircase
Welding and Rivnuts

MODEL(S): Hartford

PAGE 232

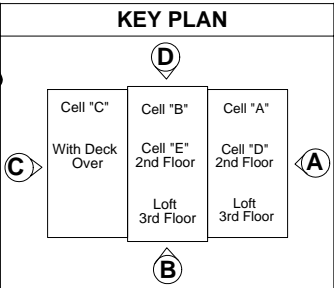


1st Floor Cell B Staircase
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

2A,8A,8B,8C,8D,8E,8F,8G,8H,8J,8K,8.4,9A,9B,9C,
9D,9E,9F,9G,9H,11A,18A,23A,27A

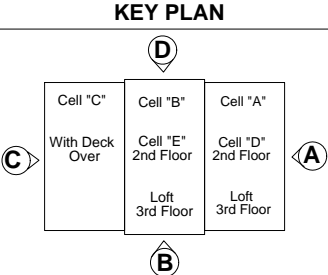
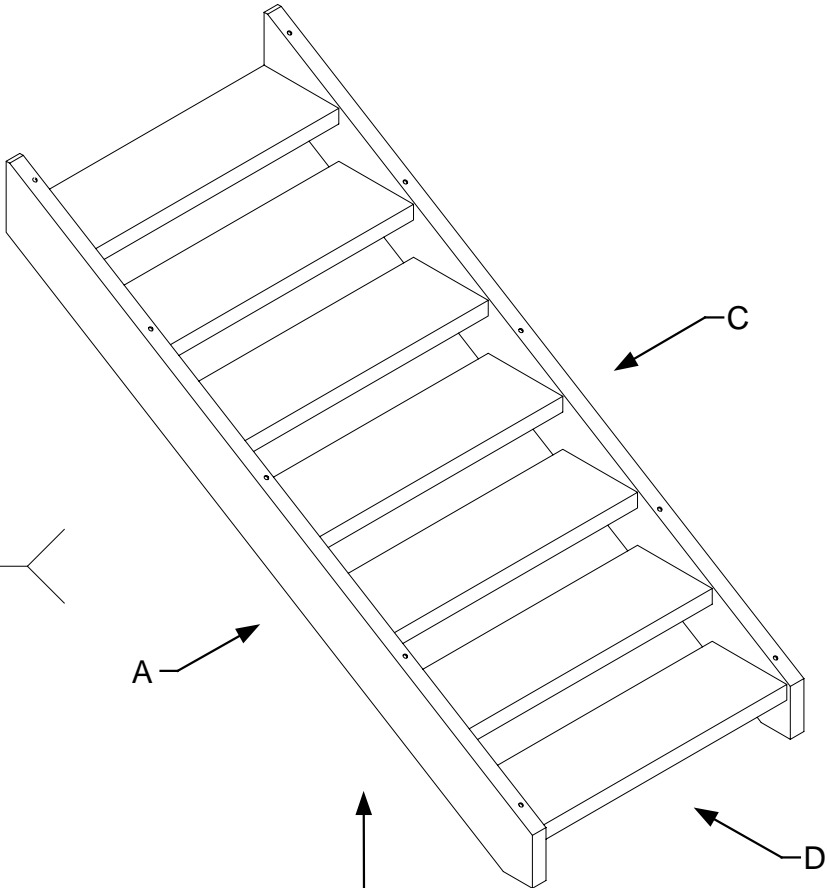
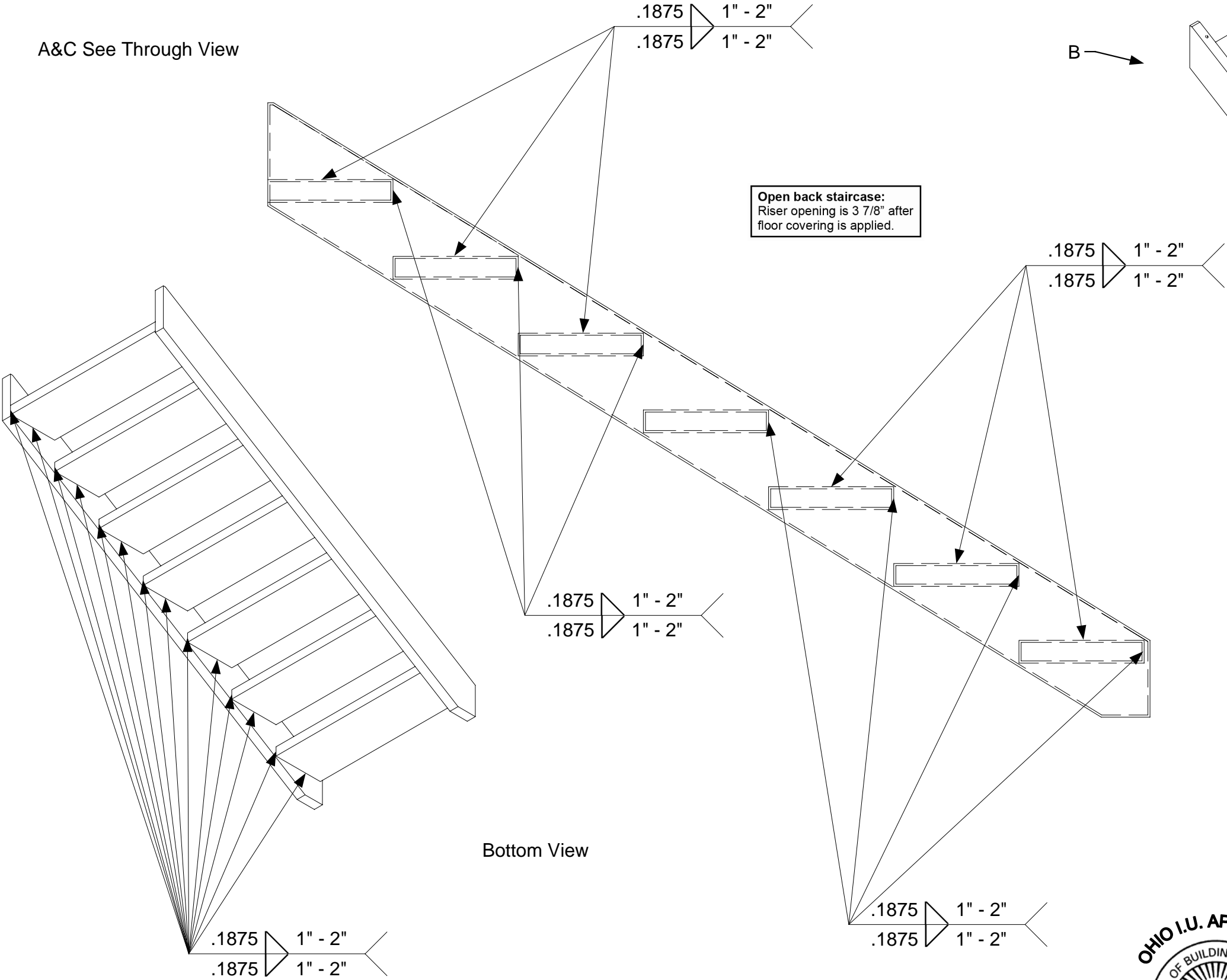
Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.



April 11, 2006
PDG Domus 060323-1

DRAWING
1st floor Cell B Assembly- Staircase Architectural plan
MODEL(S): Hartford
PAGE 232A

A&C See Through View



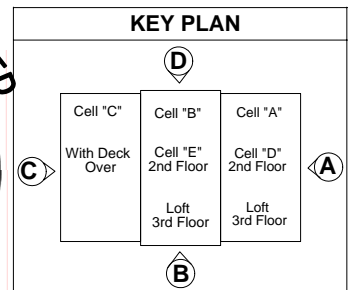
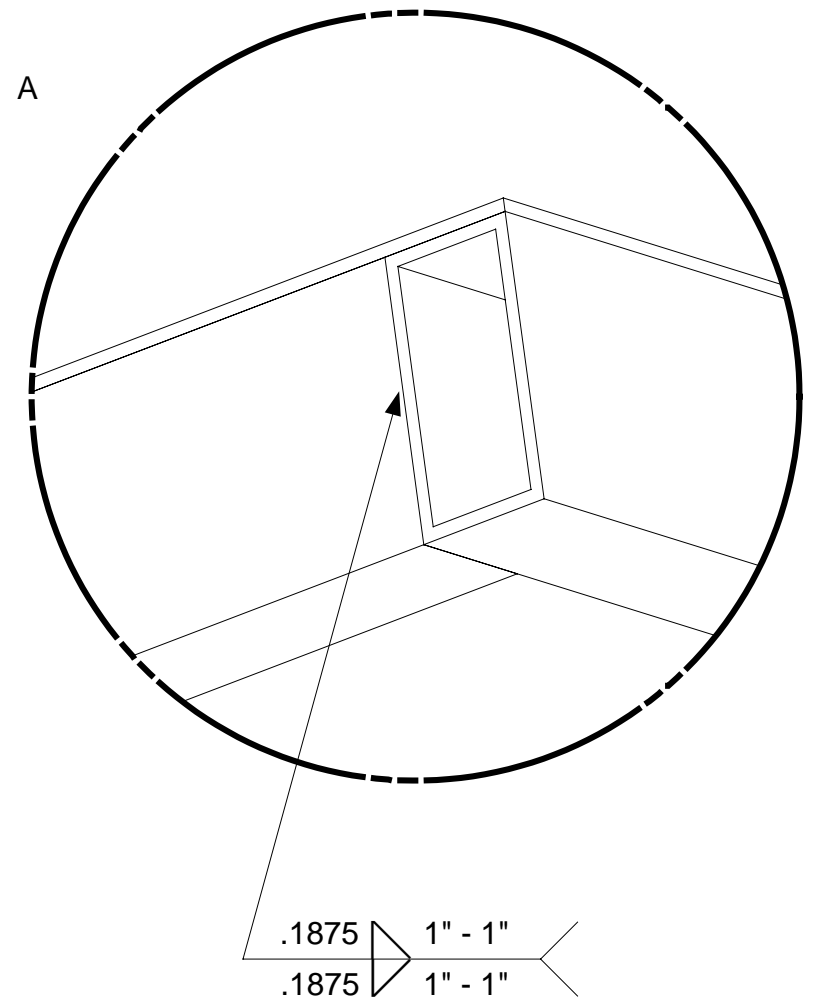
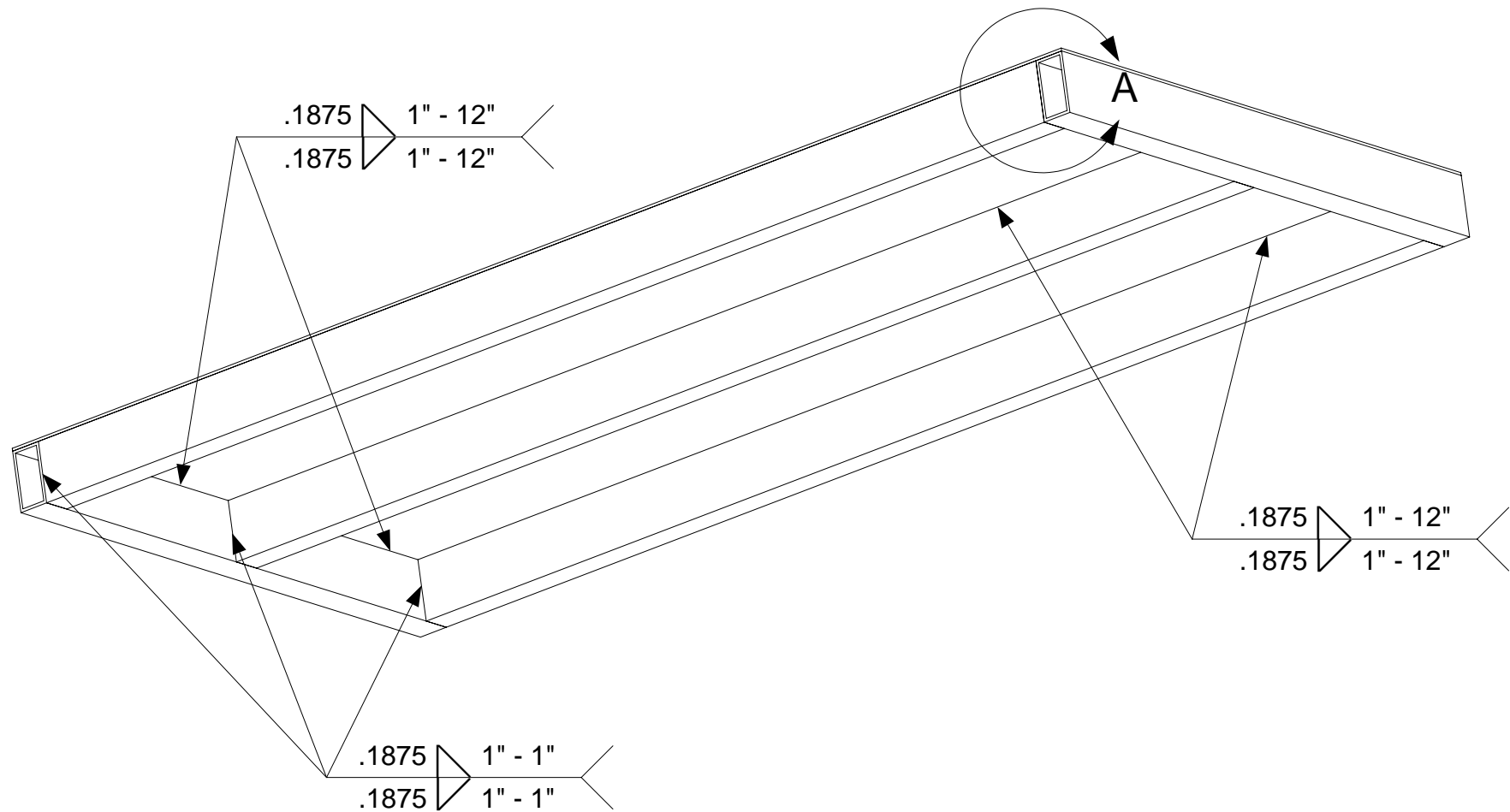
DRAWING

1st floor
Cell B
Assembly-Cell
Staircase-Sub
Assembly

Step Welding

MODEL(S): Hartford

PAGE233



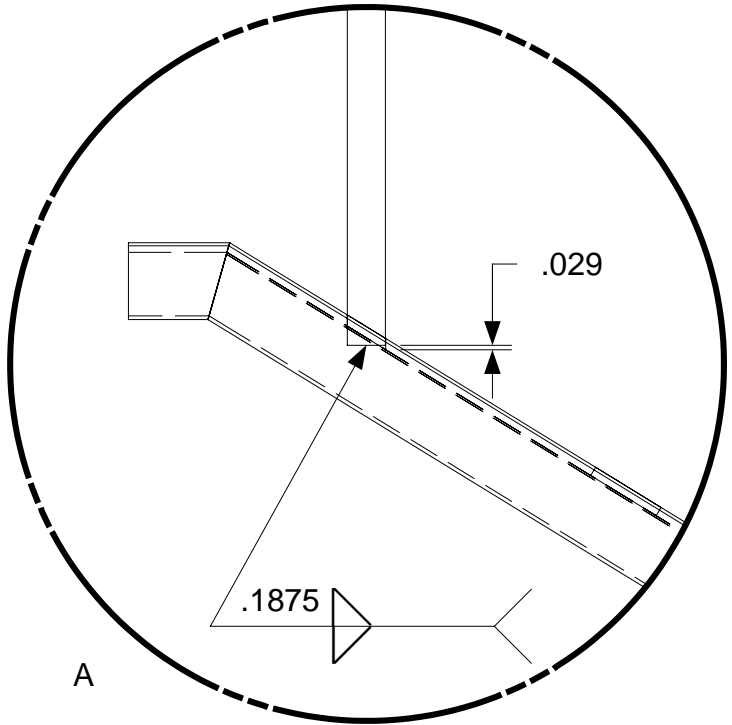
DRAWING

1st floor
Cell B
Assembly
Staircase Landing-
Assembly
Staircase Landing
Welding

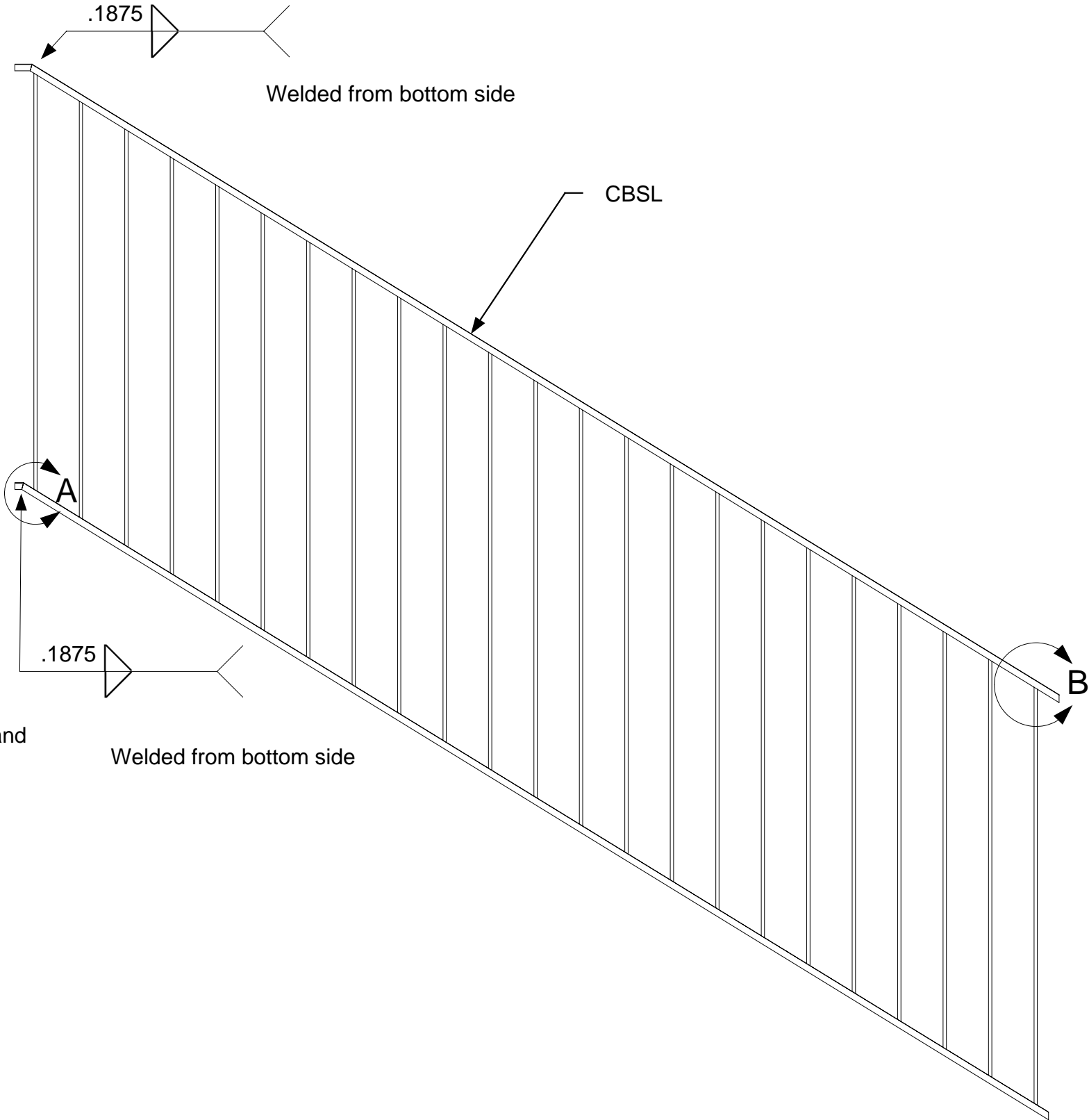
MODEL(S): Hartford

PAGE234

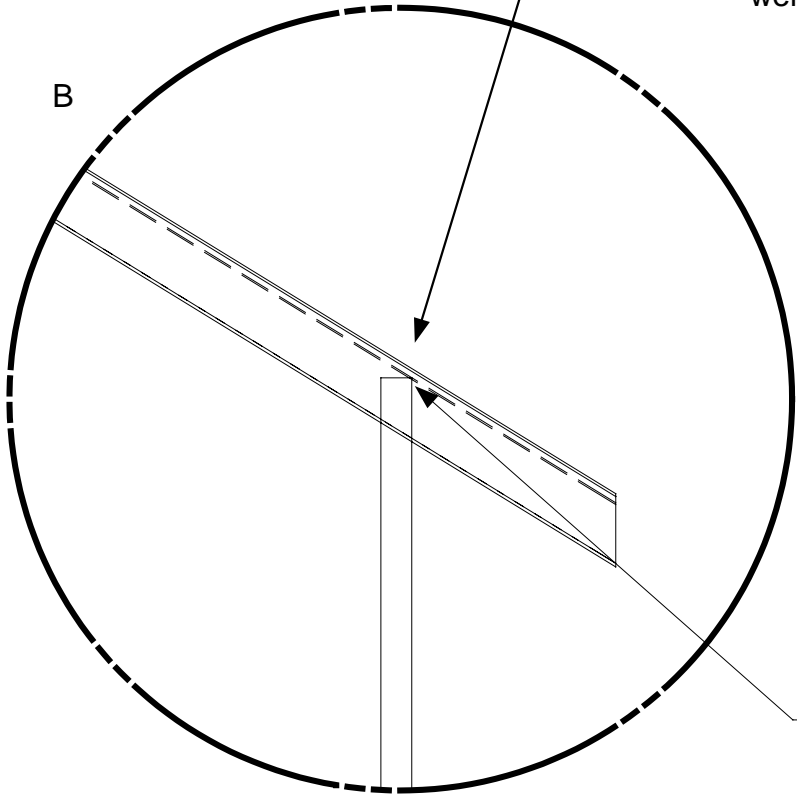
Spindle sits half way in hole and welded from bottom side



Welded from bottom side



Spindle sits right to rail base and welded



Welded from bottom side



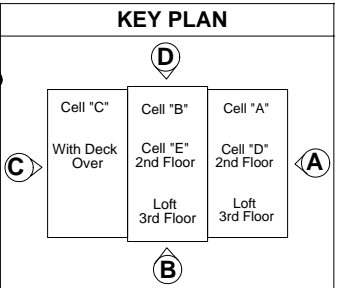
DRAWING

1st floor
Cell B
Assembly-Cell
Staircase-Sub
Assembly
CBSL Rail
Assembly

Welding

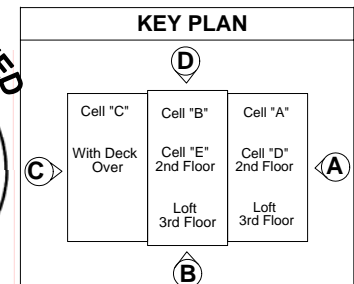
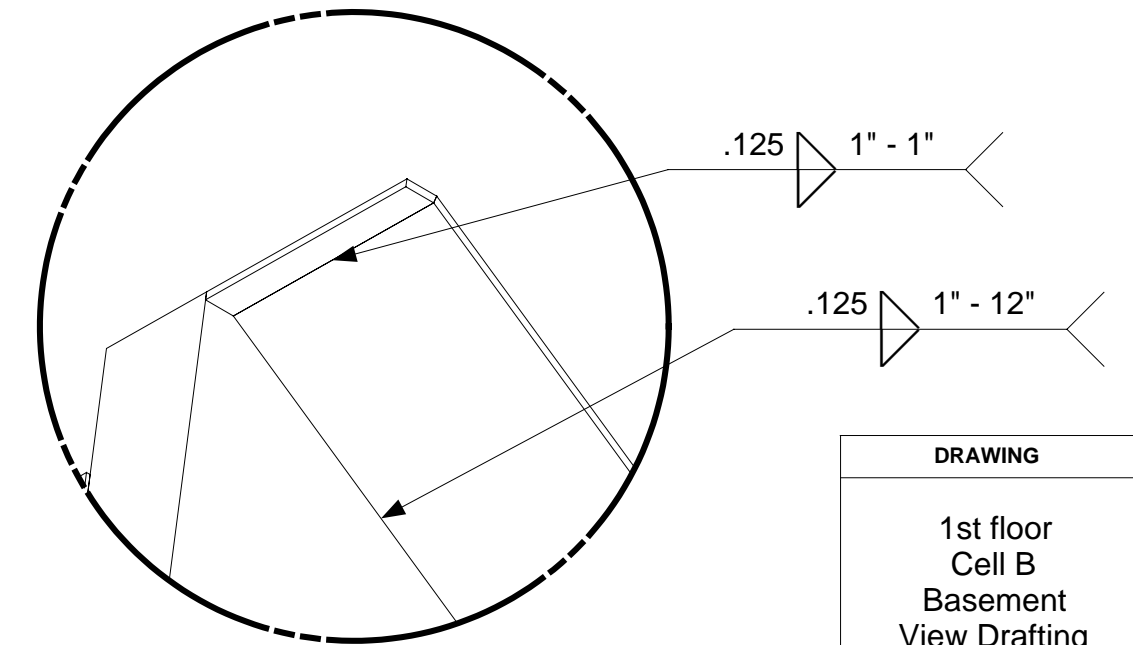
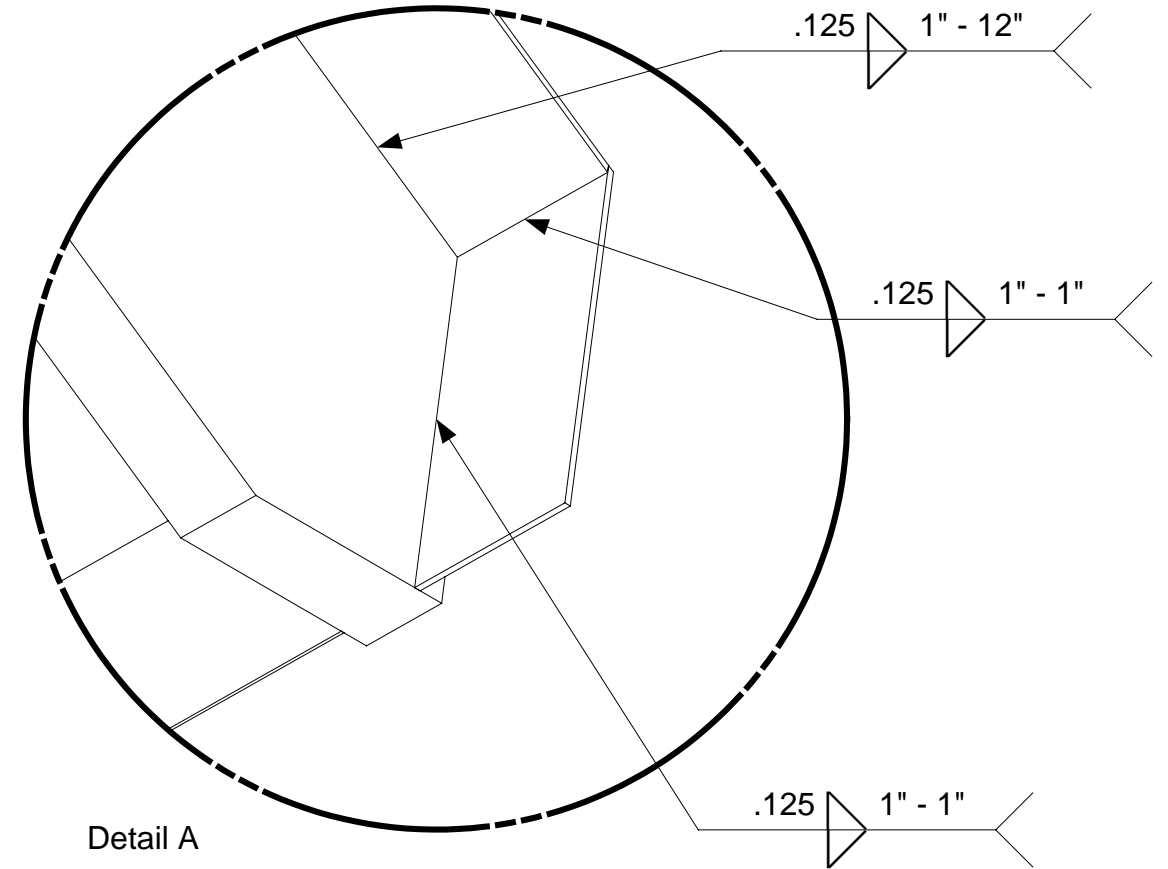
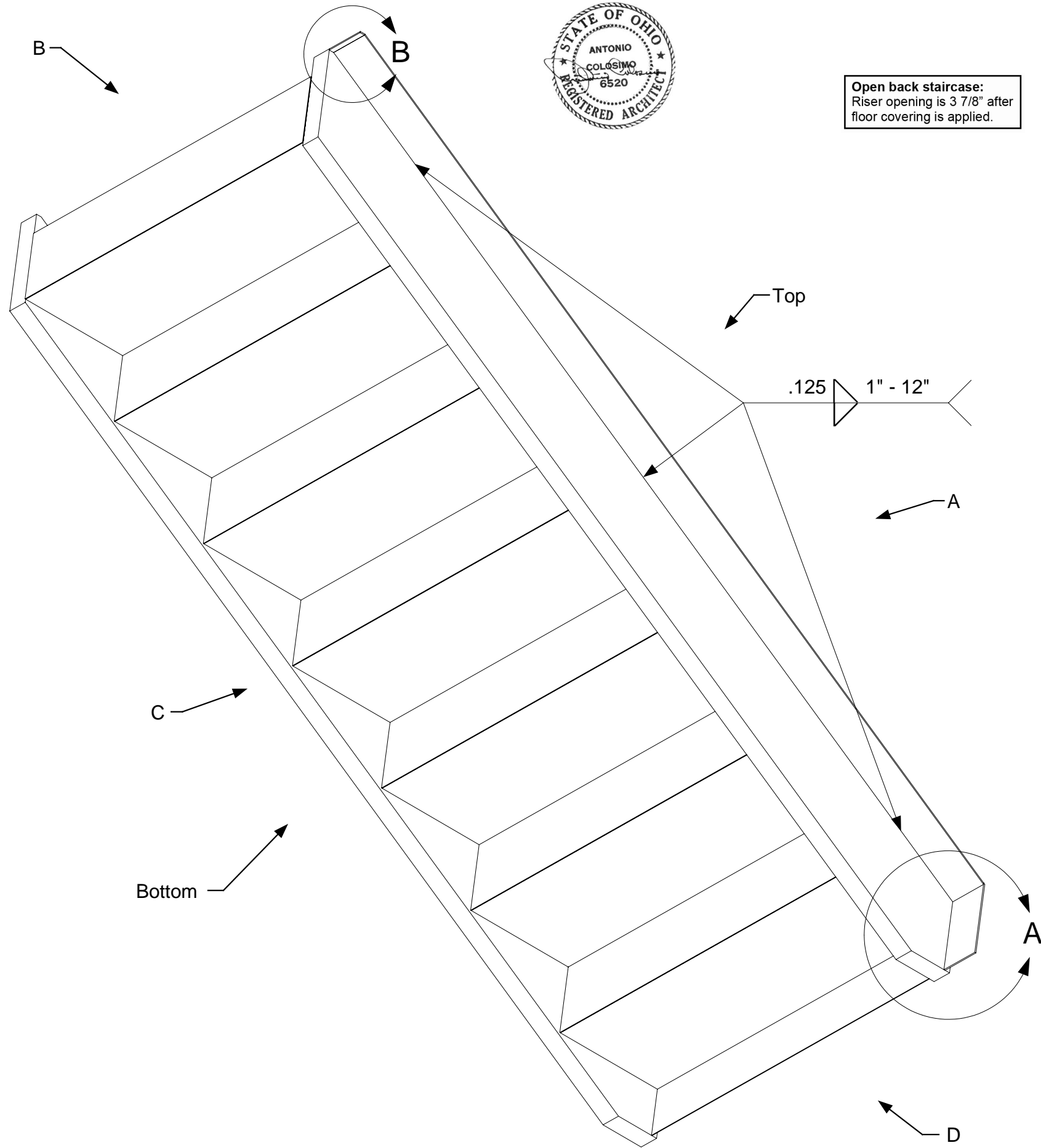
MODEL(S): Hartford

PAGE 235





Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.



DRAWING
1st floor Cell B Basement View Drafting Assembly-Cell Staircase- Assembly Wall Support Welding
MODEL(S): Hartford
PAGE236

1st Floor Basement Option Cell B
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

2J,2K,8J,8K,9J,9K,11A,18J,18K,23J,23K,27J,27K

Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

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STATE OF OHIO

APRIL 11, 2006

PDG Domus 060323-1

STATE OF OHIO

ANTONIO COLOSIMO

REGISTERED ARCHITECT

6520

KEY PLAN

Cell "C"

With Deck Over

Cell "B"

Cell "E" 2nd Floor

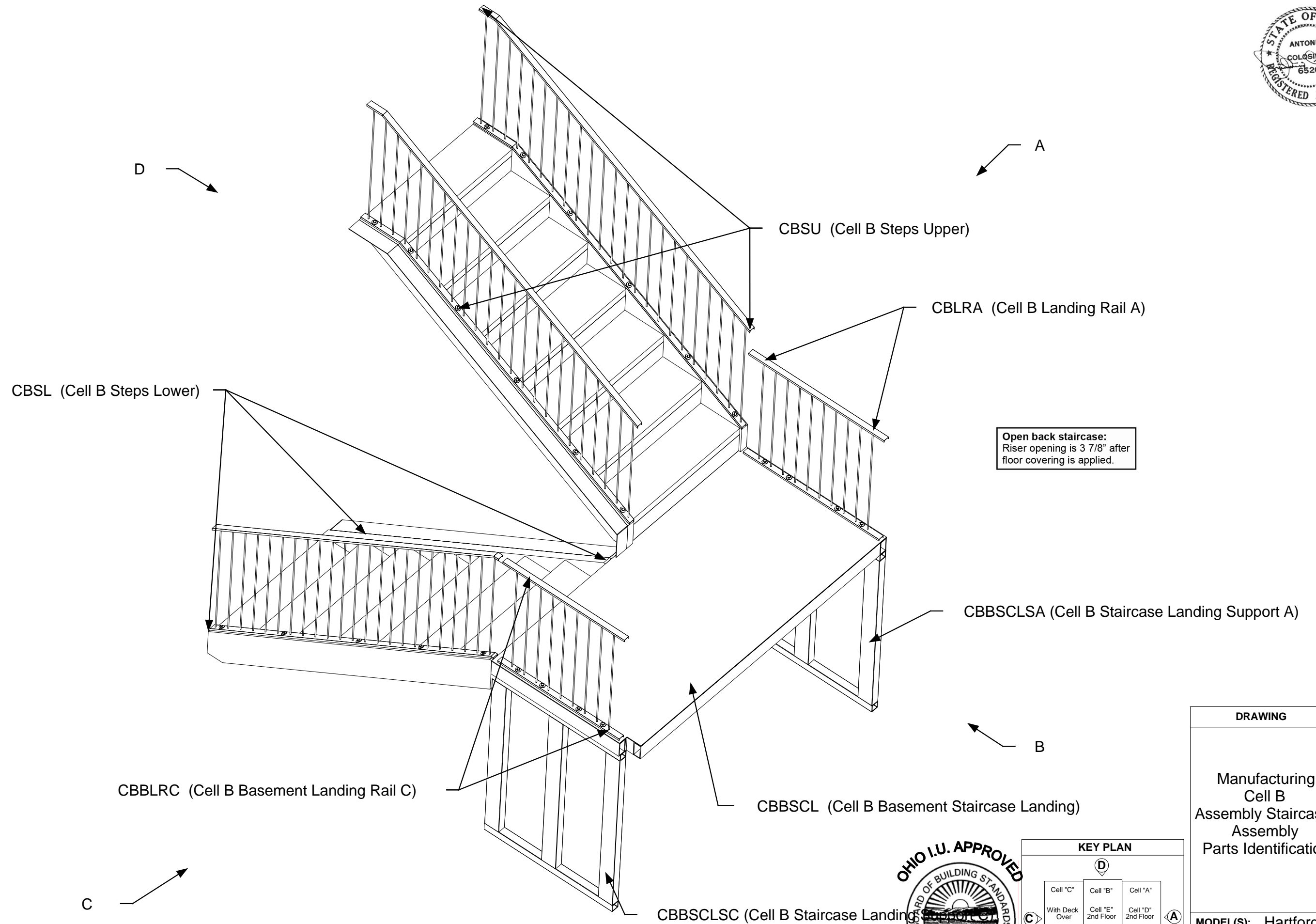
Loft 3rd Floor

Cell "A"

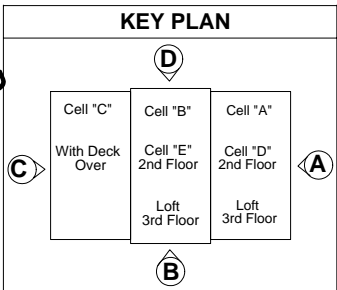
Cell "D" 2nd Floor

Loft 3rd Floor

DRAWING
1st floor Cell B Basement View Drafting Assembly-Cell Staircase Architectural plan
MODEL(S): Hartford
PAGE 236A

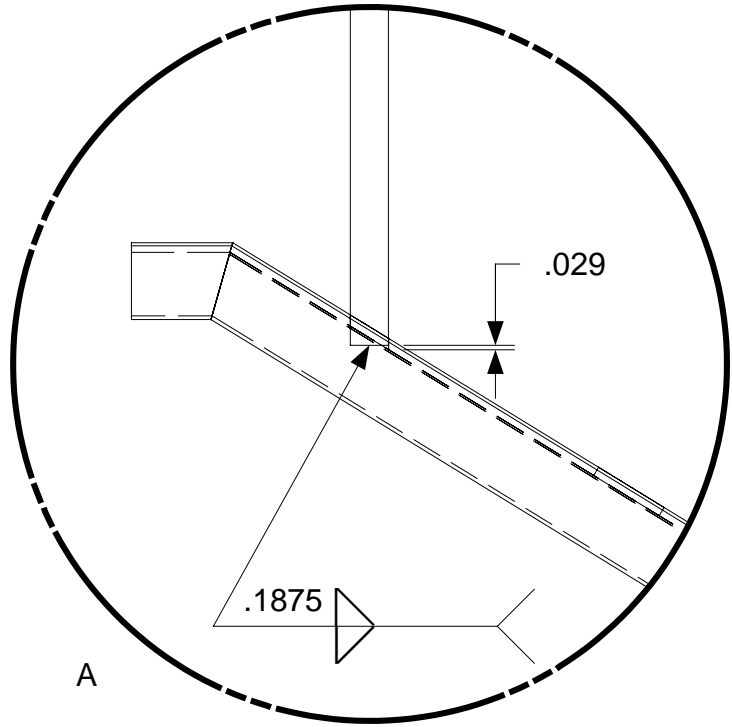


Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

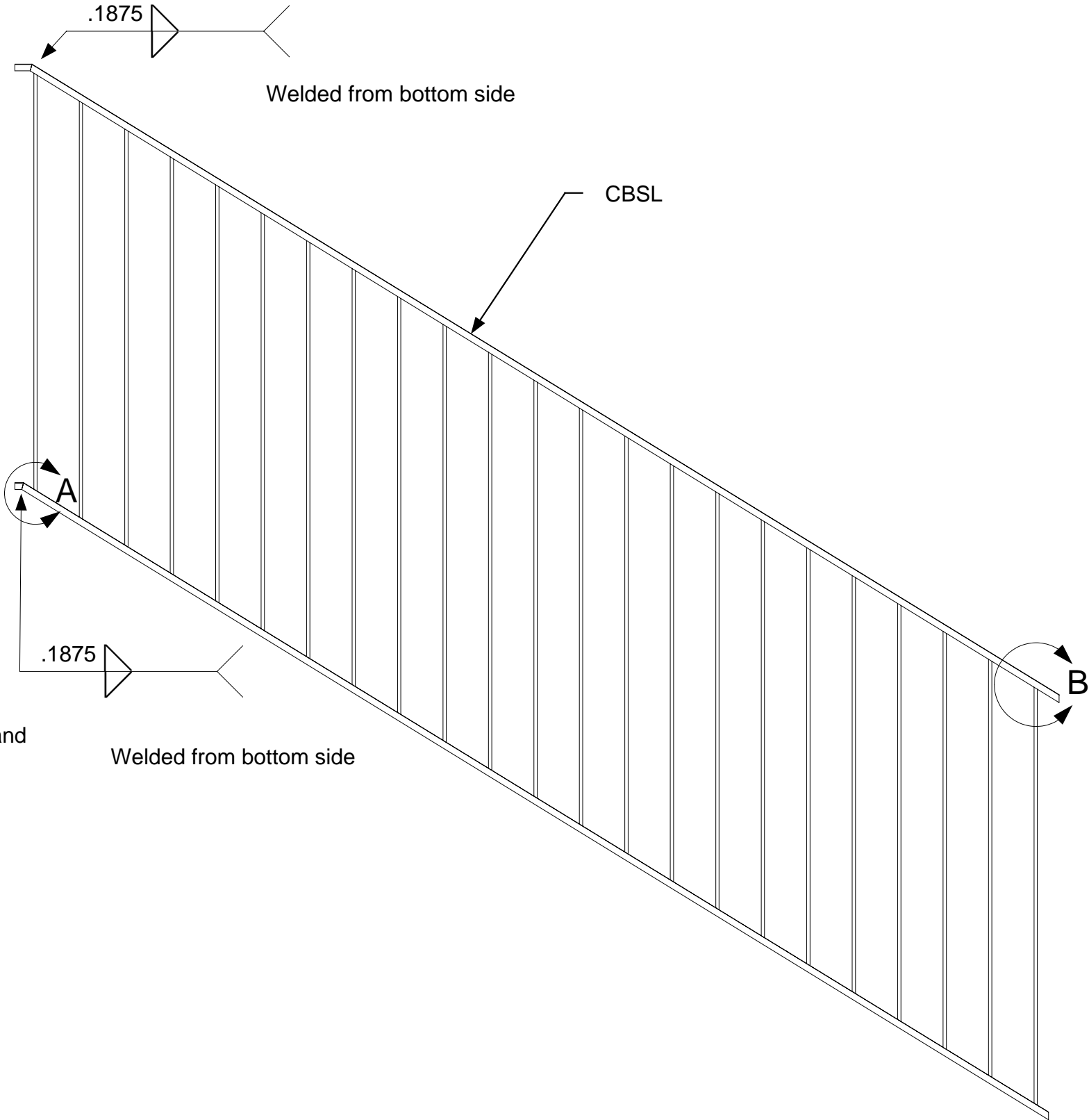


DRAWING
Manufacturing Cell B Assembly Staircase- Assembly Parts Identification
MODEL(S): Hartford
PAGE 237

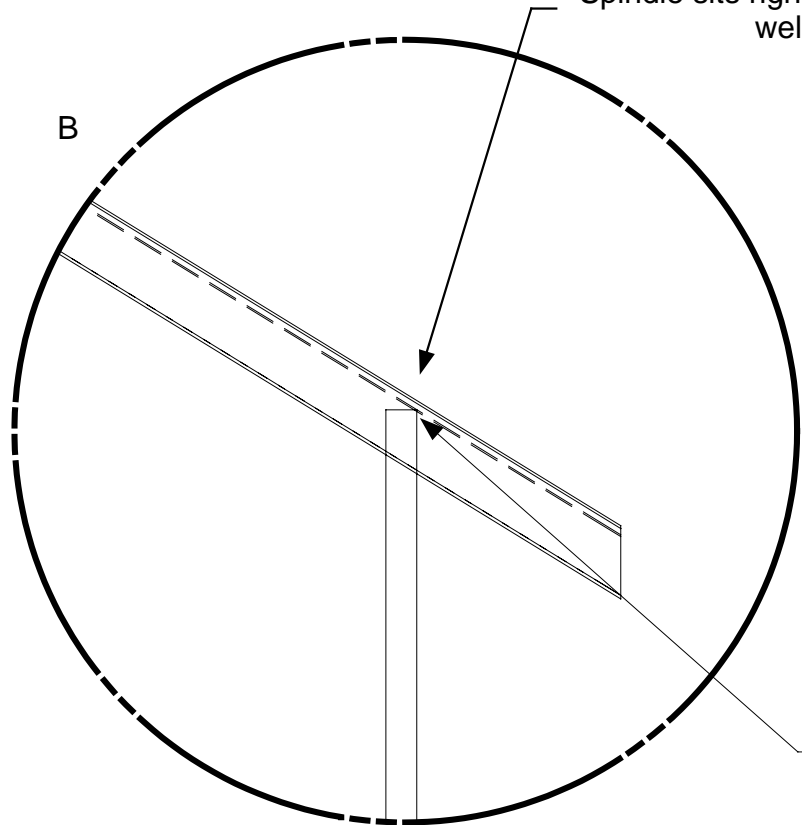
Spindle sits half way in hole and welded from bottom side



Welded from bottom side



Spindle sits right to rail base and welded



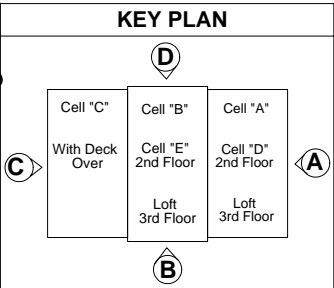
DRAWING

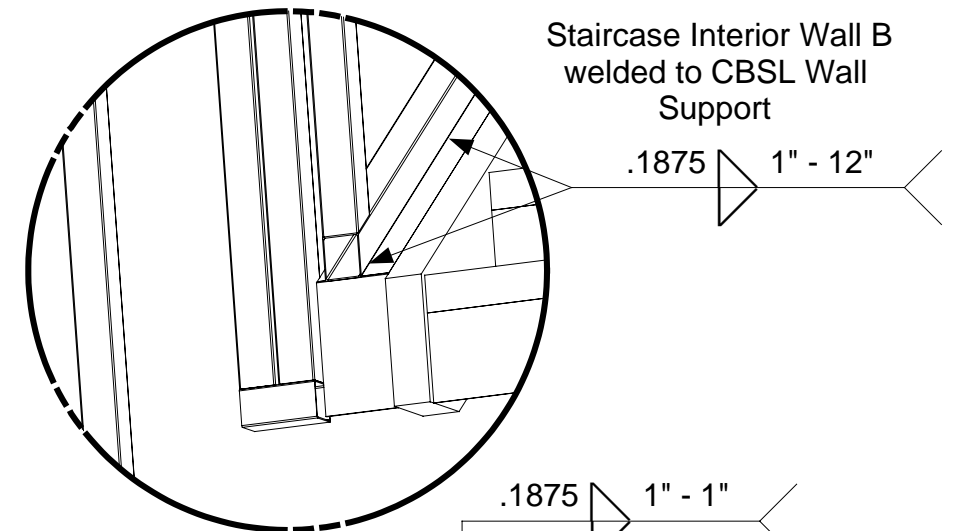
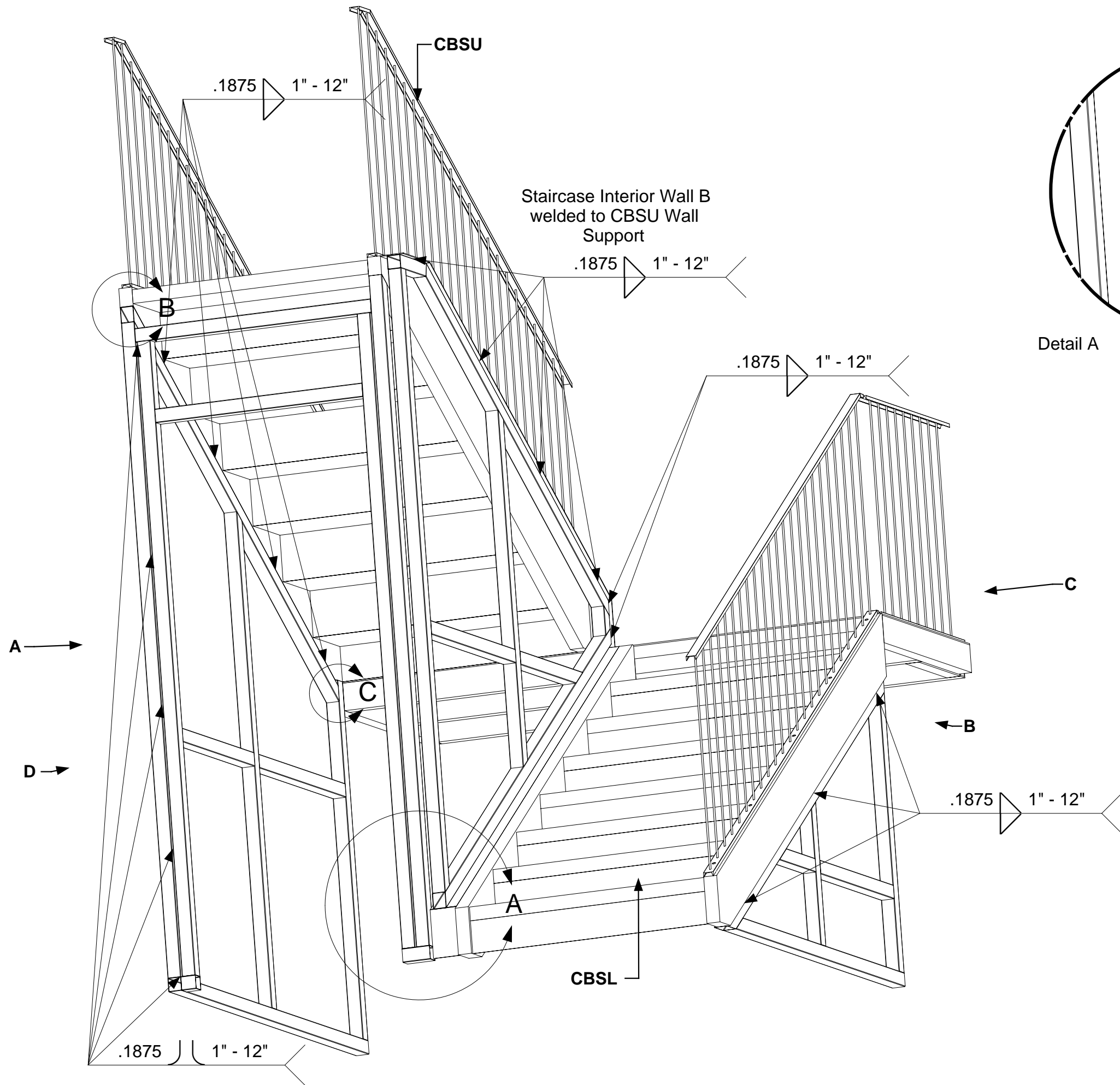
1st floor
Cell B
Assembly-Cell
Staircase-Sub
Assembly
CBSL Rail
Assembly

Welding

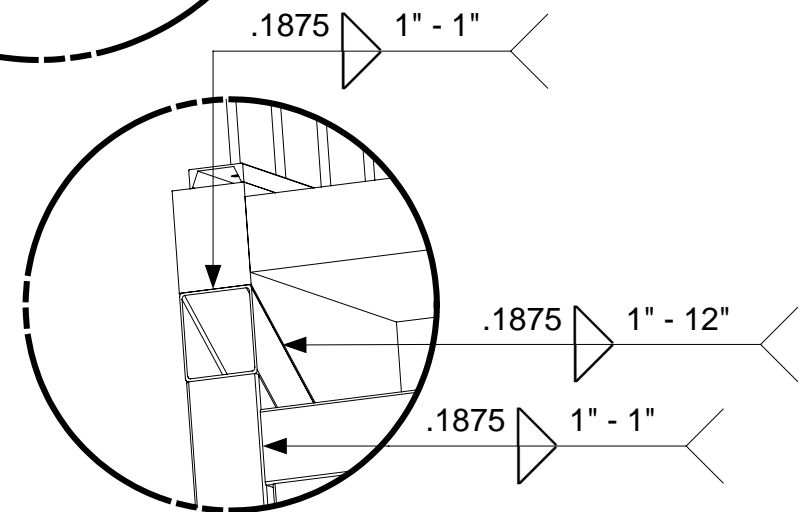
MODEL(S): Hartford

PAGE239

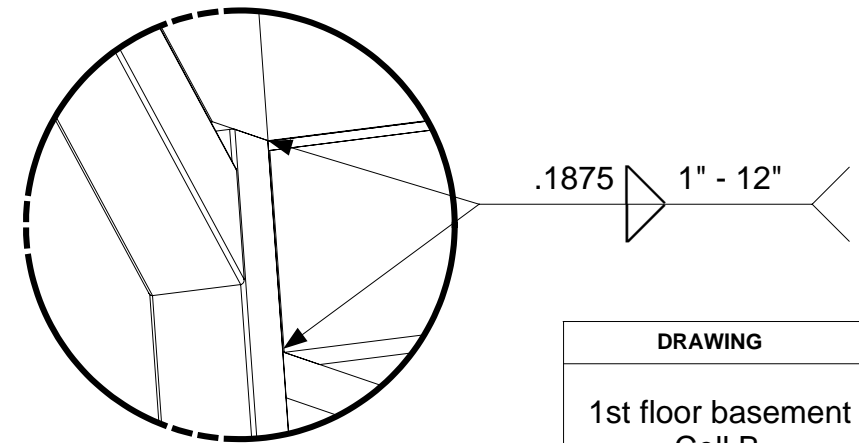




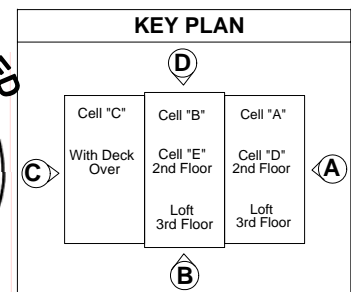
Detail A



Detail B



Detail C

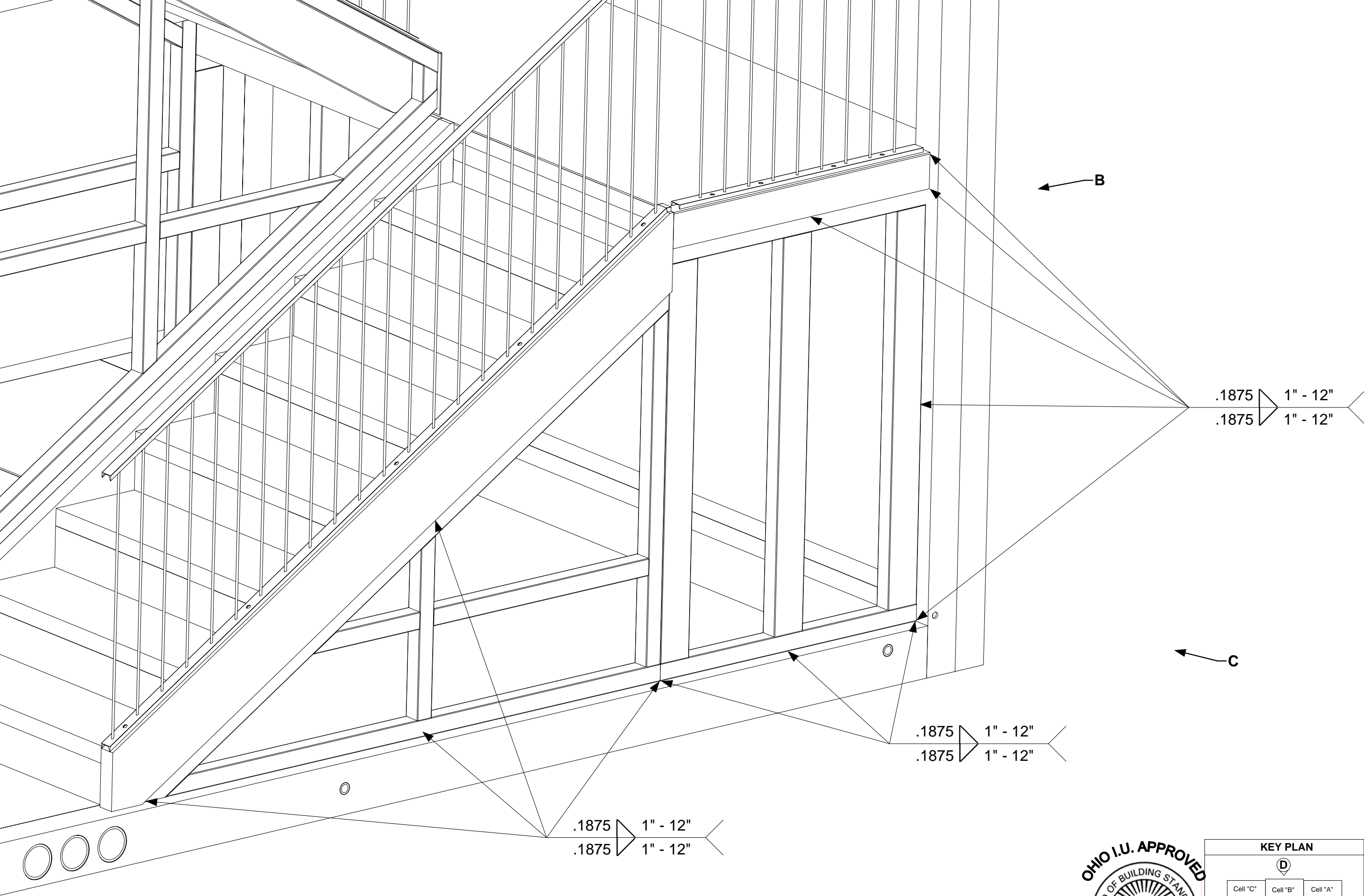


DRAWING

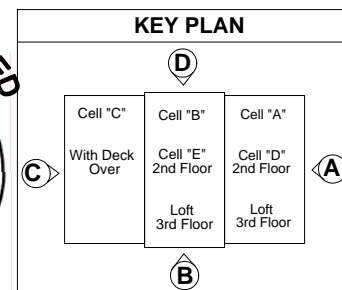
1st floor basement
Cell B
Staircase
View Drafting
Assembly-
Interior Walls to
Staircase Wall
Supports
Welding

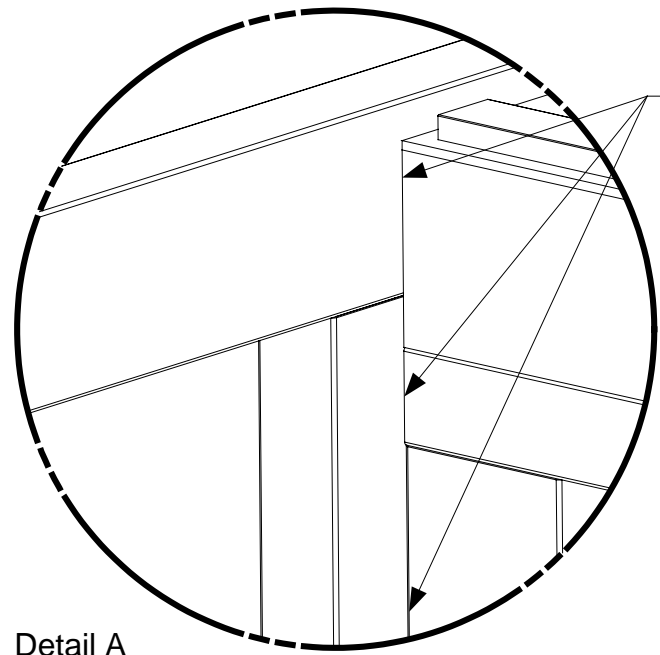
MODEL(S): Hartford

PAGE240



DRAWING
1st floor basement Cell B Staircase View Drafting Assembly- Interior Walls to Staircase Wall Supports Welding Detail 1
MODEL(S): Hartford
PAGE 241

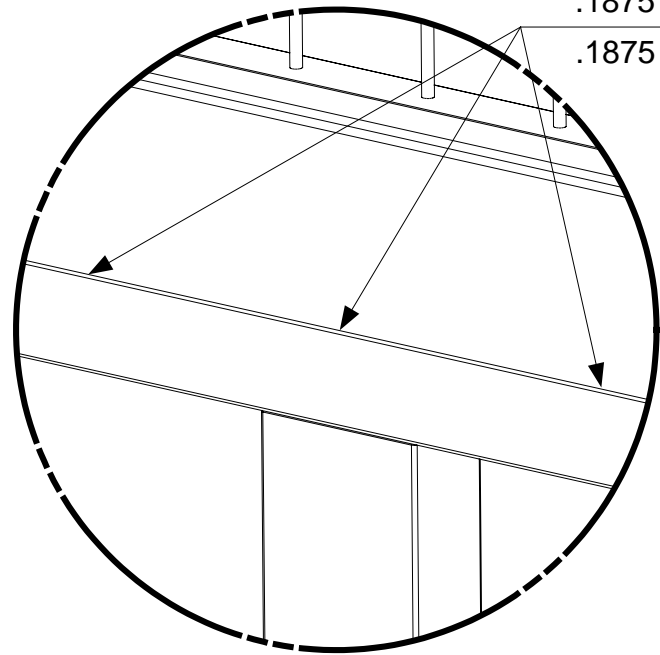




Detail A

.1875 1" - 12"
.1875 1" - 12"

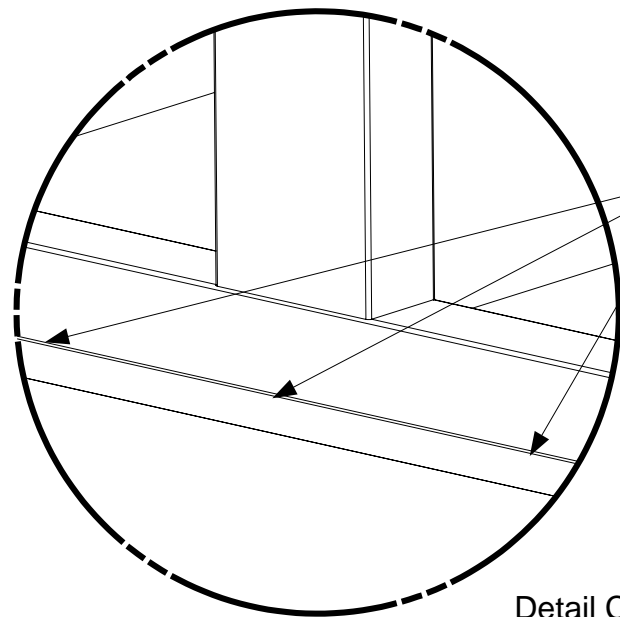
Welding takes place along entire height of Staircase Landing Support



Detail B

.1875 1" - 12"
.1875 1" - 12"

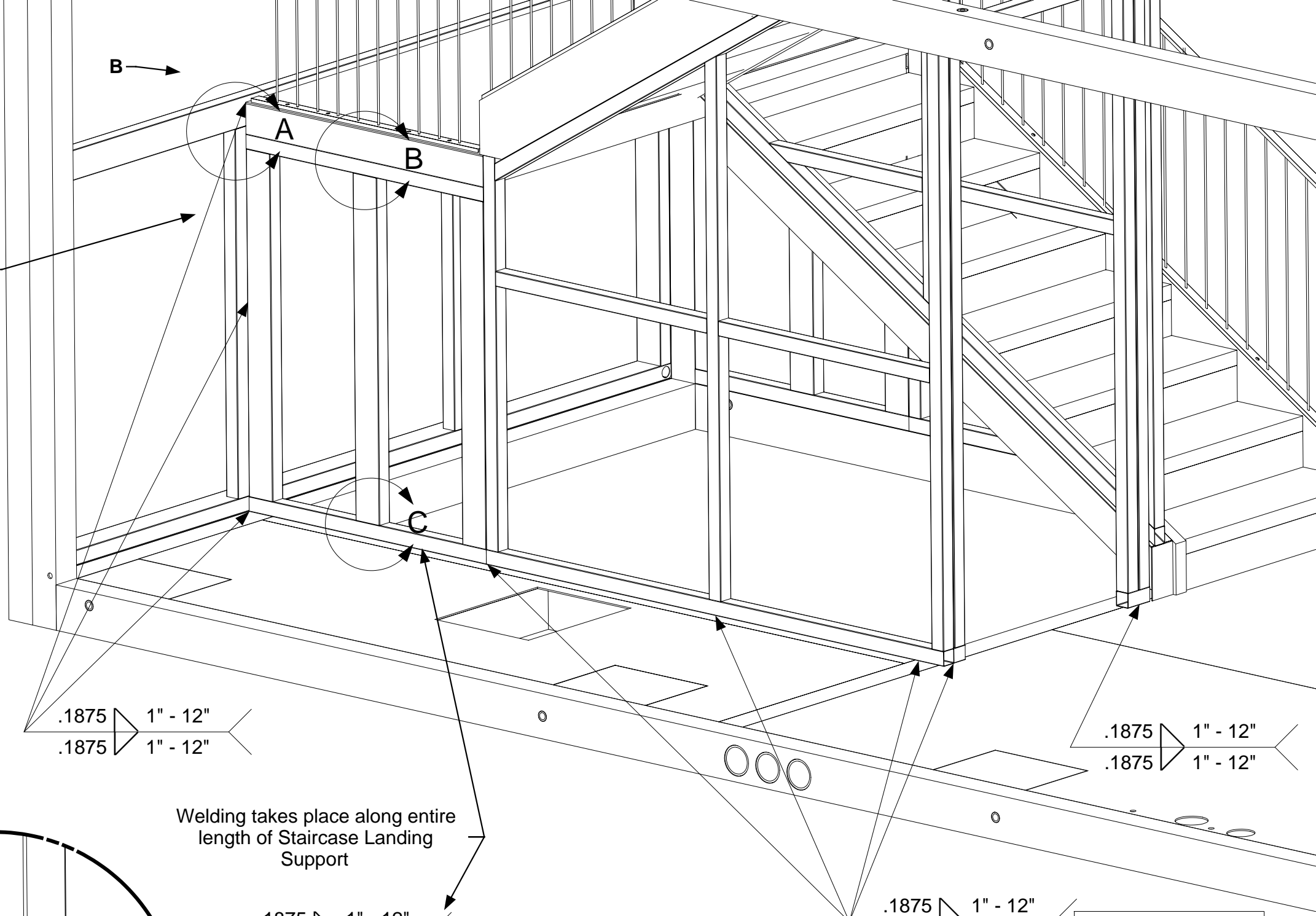
Welding takes place along entire width of Staircase Landing Support



Detail C

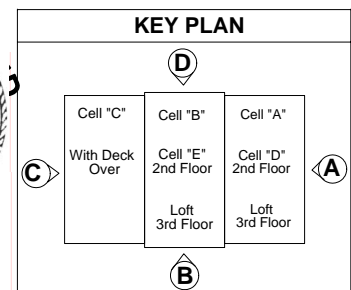
.1875 1" - 12"
.1875 1" - 12"

Welding takes place along entire length of Staircase Landing Support



.1875 1" - 12"
.1875 1" - 12"

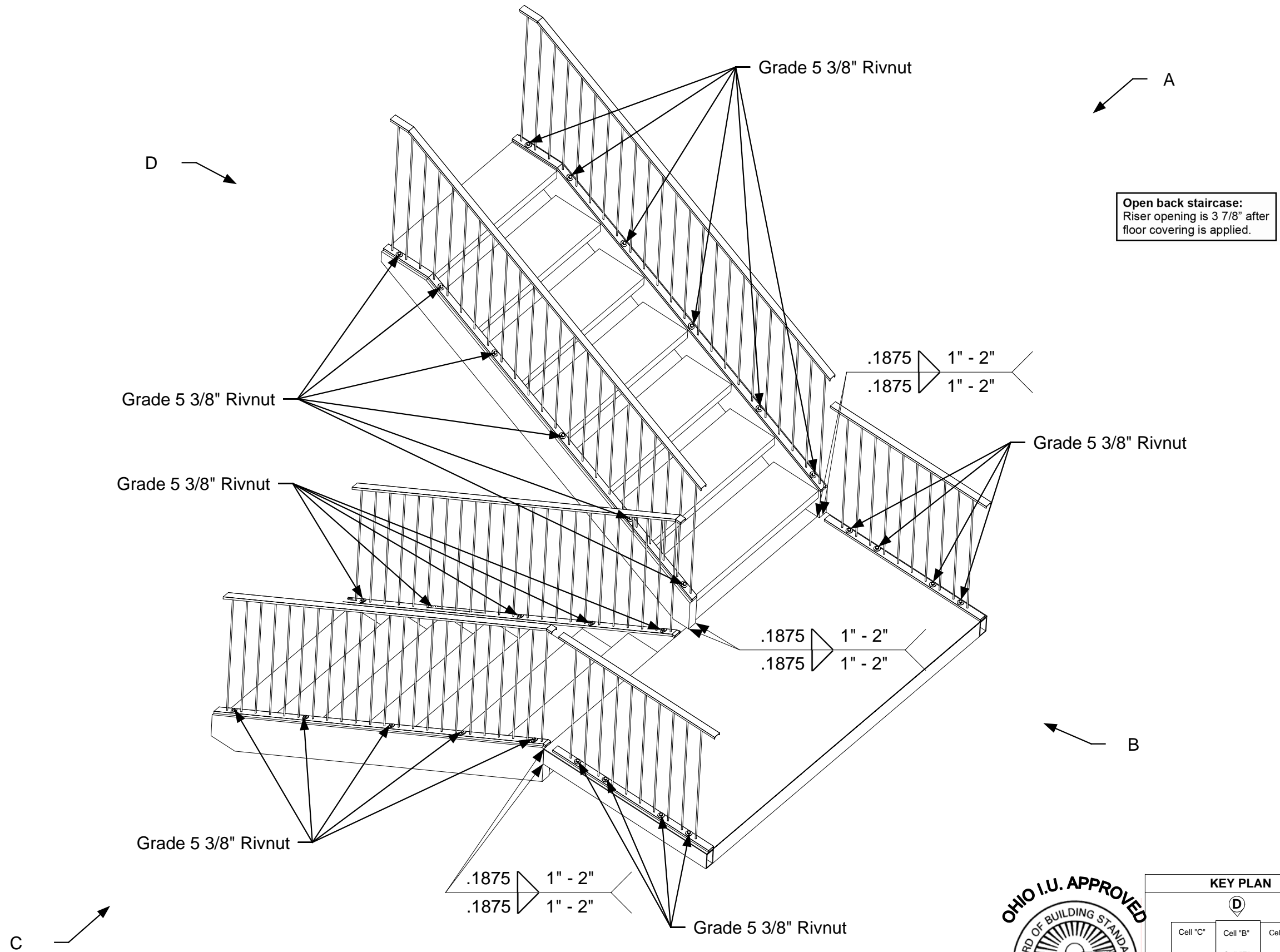
.1875 1" - 12"
.1875 1" - 12"



DRAWING
1st Floor basement
Cell B
Staircase
View Drafting
Assembly-
Interior Walls to
Staircase Wall
Supports
Welding
Detail 2

MODEL(S): Hartford

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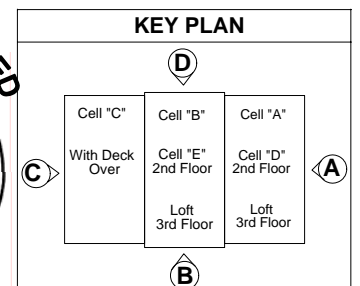


DRAWING

2nd-3rd floor
Cell E
Assembly Staircase-
Assembly
Welding and Rivnuts

MODEL(S): Hartford

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2nd-3rd Floor Staircase
Architectural Plan

Architectural information can be Referenced in
Architectural Plan Manual
Page(s)

3A,4A,4.1,4.4,8A,8B,8C,8D,8E,8F,8G,8H,8J,8K,8.4,9A,9B,9C,
9D,9E,9F,9G,9H,9J,9K,11A,19A,19.2,24A,25A,
25.1,25.3,25.4,28A,29A,29.4

Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.

OHIO I.U. APPROVED

BOARD OF BUILDING STANDARDS

STATE OF OHIO

APRIL 11, 2006

PDG Domus 060323-1

STATE OF OHIO

ANTONIO COLASIMO

REGISTERED ARCHITECT

6520

KEY PLAN

Cell "C"

With Deck Over

Cell "B"

Cell "E" 2nd Floor

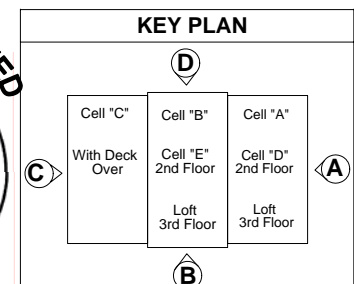
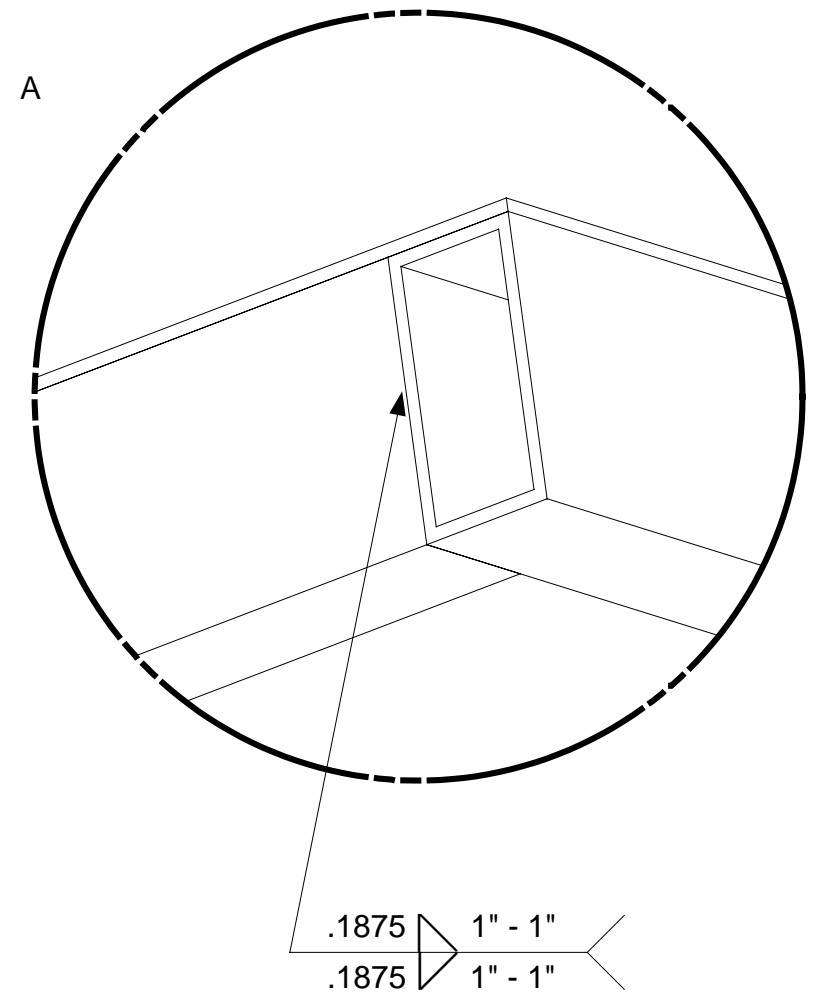
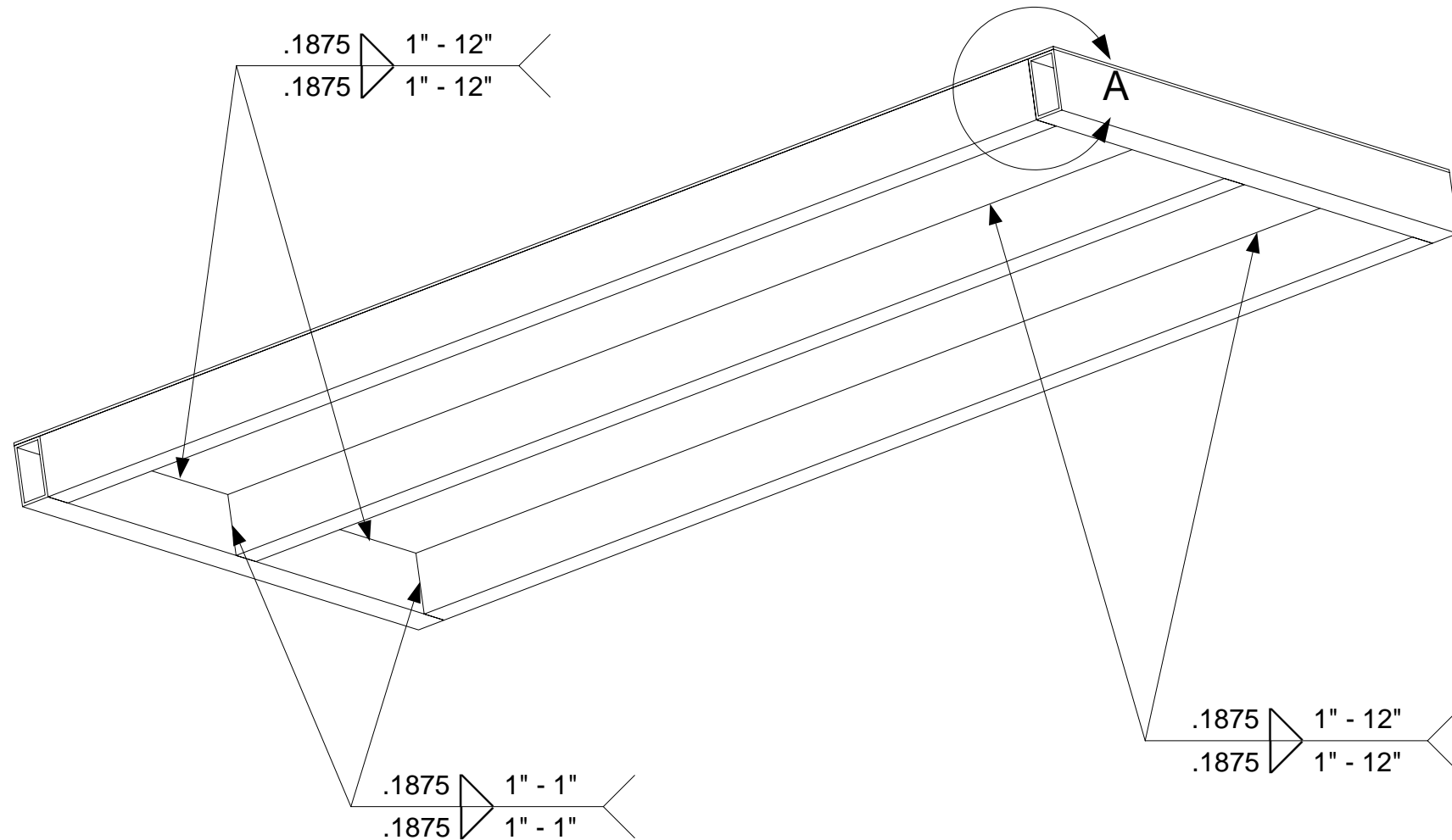
Loft 3rd Floor

Cell "A"

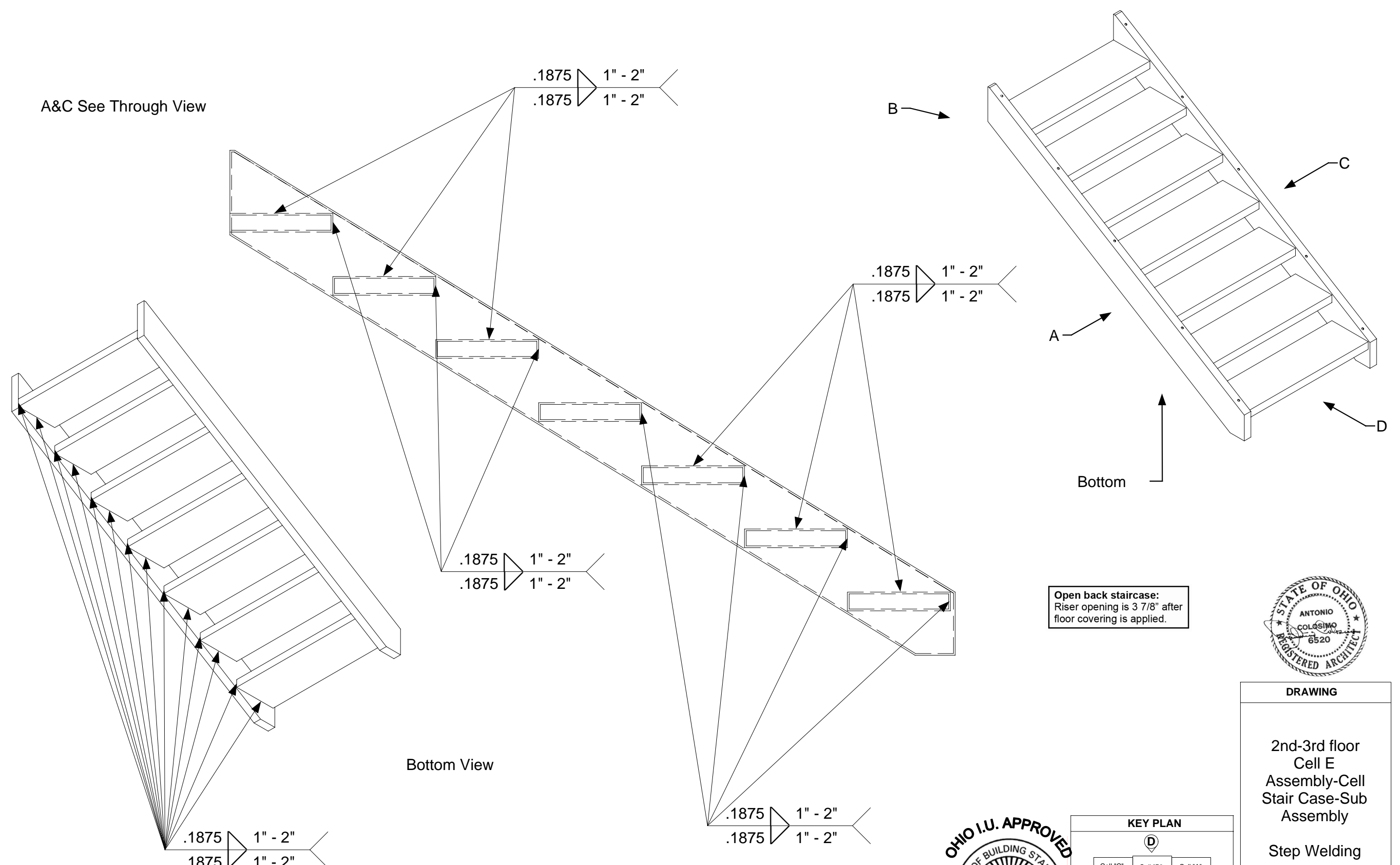
Cell "D" 2nd Floor

Loft 3rd Floor

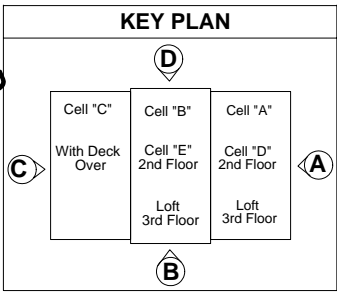
DRAWING
2nd-3rd floor Cell E Assembly Staircase Architectural plan
MODEL(S): Hartford
PAGE 243A



DRAWING
2nd-3rd floor Cell E Assembly-Cell Staircase Landing- Sub Assembly
Welding
MODEL(S): Hartford
PAGE244



Open back staircase:
Riser opening is 3 7/8" after
floor covering is applied.



DRAWING

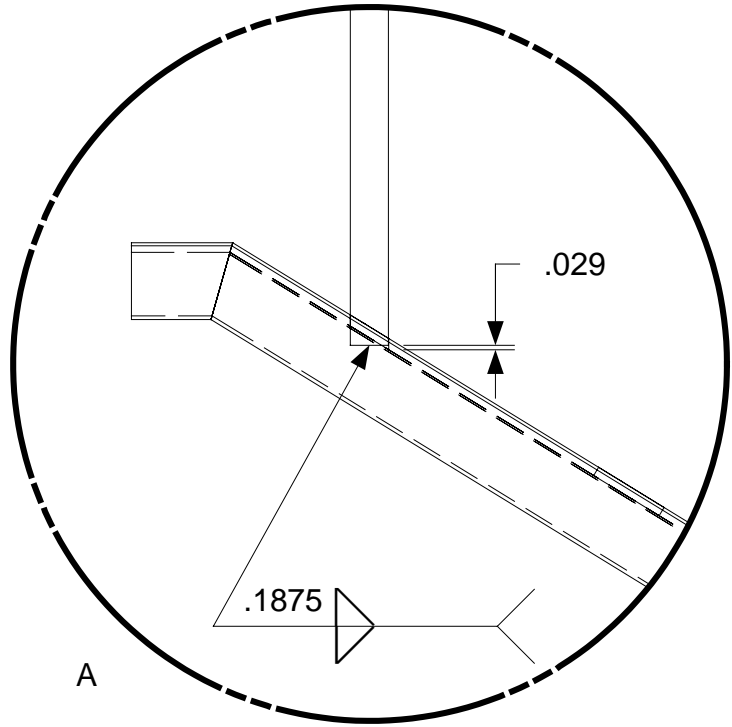
2nd-3rd floor
Cell E
Assembly-Cell
Stair Case-Sub
Assembly

Step Welding

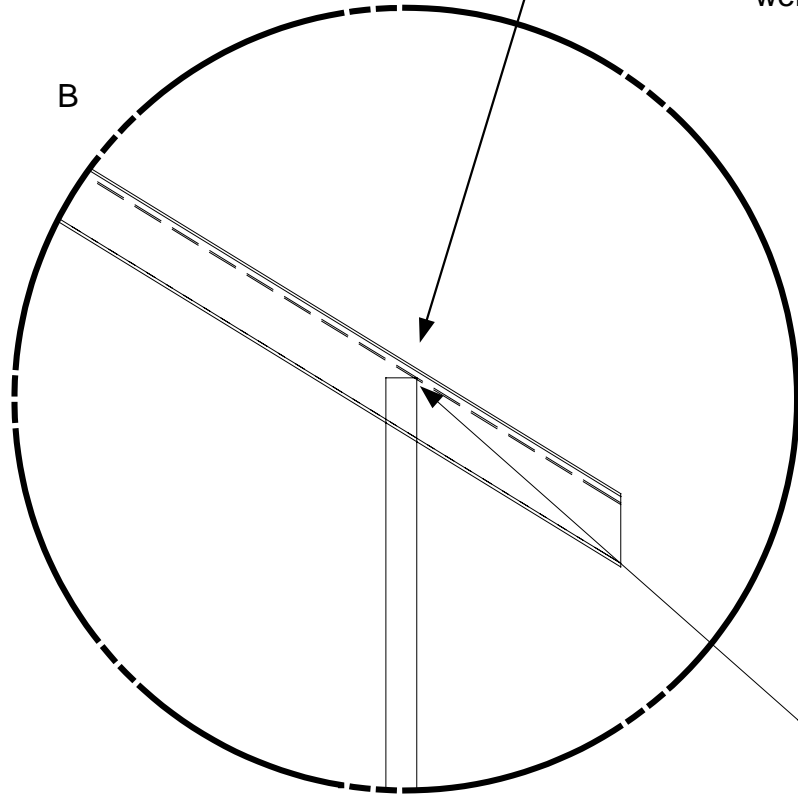
MODEL(S): Hartford

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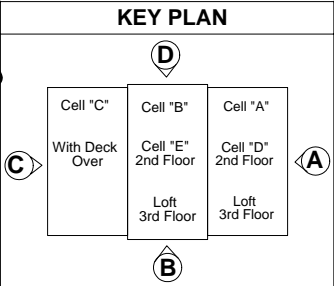
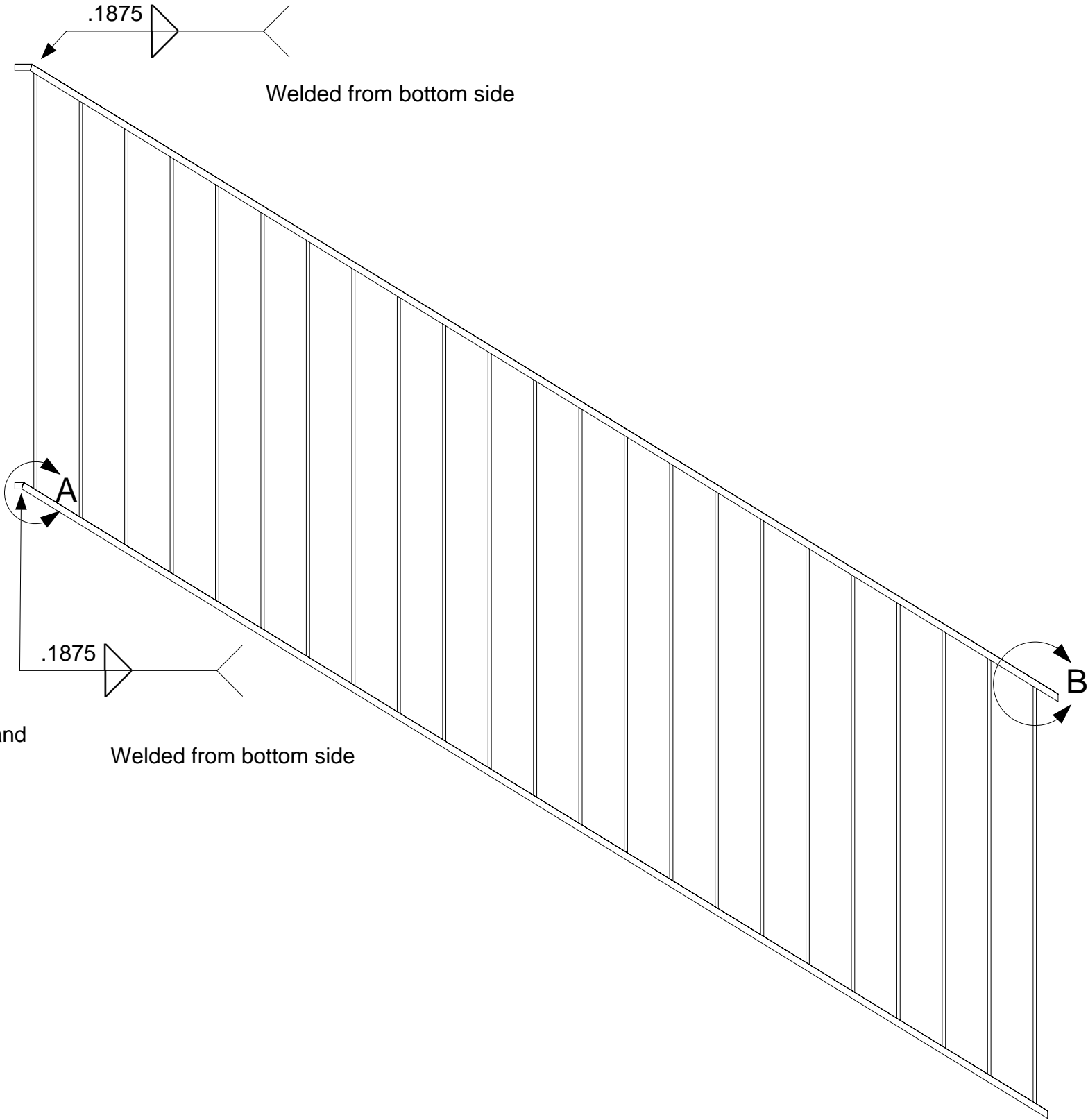
Spindle sits half way in hole and welded from bottom side



Spindle sits right to rail base and welded



Welded from bottom side



DRAWING
2nd-3rd floor Cell E Assembly-Cell Staircase-Sub Assembly Hand Rail Assembly
Welding
MODEL(S): Hartford
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