

MANUFACTURER



BUILDING TYPE: 10' X 30' TRAILER
 UNIT TYPE: FRAMED WHEELED TRAILER
 SUPPORT TYPE: ON STEEL FRAME STRUCTURE
 TRANSPORTATION TYPE: ON ROAD
 JOB TAG: SIM-

DESIGN CRITERIA:
CANADIAN BUILDING CODE 2017 PART 9
CANADIAN ELECTRICAL CODE 2012
NATIONAL PLUMBING CODE 2015

OCCUPANCY GROUP - OFFICE
 LIVE ROOF LOAD :64 psf
 LIVE FLOOR LOAD: 100psf

SB-10 COMPLIANCE IS NOT REQUIRED FOR
 CONSTRUCTION SITE OFFICE TRAILERS

INSTALLATION REQUIREMENTS

- 1 - SPATIAL SEPERATION FROM OTHER BUILDINGS MUST CONFORM TO O.B.C. 3.2.3
- 2 - ADEQUATE CLEARANCE FROM TALLER NEARBY STRUCTURE TO AVOID EXCESSIVE SNOW ACCUMULATION
- 3 - UNIT MUST BE SUPPORTED WHERE INDICATED ON FOUNDATION DRAWING

DOORS:

- EXTERIOR: 36"X 80" ELIXER #402-10 VINYL CLAD DOORS.10x10 SAFETY GLAZED LITE
- HANDICAP ACCESSIBLE SILL.
- INTERIOR: 36"X 80" PREFINISHED HOLLOW CORE WOOD DOOR W/PANEL JAMBS.
- SEE ATCO SPECIFICATIONS FOR HARDWARE SPECIFICATIONS.

WINDOWS:

- 48"W X 36"H THERMOS HORIZONTAL SLIDERS. W/ALUM. EXTRUDED MILL FRAME SINGLE CLEAR GLASS, (WHITE) SELF STORING AND BUG SCREEN MOUNTED 42" ABOVE FINISHED FLOOR.
- 36"W X 36"H THERMOS HORIZONTAL SLIDERS. W/ALUM. EXTRUDED MILL FRAME SINGLE CLEAR GLASS, (WHITE) SELF STORING AND BUG SCREEN MOUNTED 42" ABOVE FINISHED FLOOR.

MARKINGS:

- (4) ATCO BLACK DECALS 6" FOR 8' WIDE UNITS (PROVIDED BY ATCO)
- (4) ATCO BLACK DECALS 9" FOR 12' WIDE UNITS (PROVIDED BY ATCO)
- (2) TEL / WEB SIGNS BLACK DECALS 10" X 41" (PROVIDED BY ATCO)
- (1) UNIT SERIAL NUMBER PAINTED ON THE FRAME FRONT CROSS MEMBER AT THE RIGHT RIGHT END; USING 3" HIGH NUMBERS STENCIL; WHITE.

BALCONIES:

- 42" X 46" FOLD-UP TYPE LANDING WITH CLOSED POSITION LOCKING MECHANISM
- REMOVABLE HANDRAILS
- REMOVABLE STEP ASSEMBLY
- STEP AND RAIL ASSEMBLIES SUPPORT RACK TO BE INSTALLED ON BACK ENDWALL; USE A DOUBLE DEPTH RACK FOR THE ALL 10' WIDE UNITS WITH 2 EXTERIOR DOORS, INSTALLED FLUSH WITH BOTTOM OF FLOOR STRUCTURE
- CORROSION RESISTANT
- SEE ATCO SPECIFICATION TABLE 3.7 FOR SIZE AND QUANTITIES

TRIPODS:

- STEEL ADJUSTABLE TRIPOD PAINTED ONE COAT OF GLASS COAT 400 CORROSION RESISTANT 22" X 22" X 22" H
- ADJUSTMENT PIN WELDED TO SEAT CHANNEL PROFILE AND NUT WIRE PRUSHED AND GREASED
- ADJUSTMENT PIN GUIDE TUBING WELDED TO TRIPOD TOP PLATE
- SEE ATCO SPECIFICATION TABLE 3.7 FOR QUANTITIES

SIGNAL LIGHTS SUPPORT PLATES:

- (4) 4" X 4" ALUMINUM ROAD SIGNAL LIGHT KIT SUPPORT PLATES PER UNIT
- NON-CORROSION THREADED STUDS, WASHERS AND LOCK WASHERS
- INSTALLED ON BACK ENDWALL AS PER DETAIL PROVIDED BY ATCO

ELECTRIC:

- MAIN PANEL - 120/240 , 1 PH, 3 WIRES, 60 HZ
- 100 AMP , 40 CIRC. C/W MASTER AND METER
- BASEBOARD HEATER 1.0 kW C/W INTEGRATED THERMOSTATS.

DRAWING LIST

A-1	TITLE PAGE AND DESIGN CRITERIA
A-2	FINISHED FLOOR PLAN
A-3	SECTION DETAIL
A-4	ELEVATIONS
S-1	STRUCTURAL FLOOR PLAN
S-2	STRUCTURAL ROOF PLAN
S-3	FRAMING DETAILS
B-1	STEEL FRAME PLAN
E-1	ELECTRICAL PLAN
M-1	HVAC PLAN

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MANUFACTURER:

PROJECT: WHEELED FLEET UNIT 10' X 30'

TITLE: TITLE PAGE & DESIGN CRITERIA

SCALE: NTS

DATE: JUNE 2022

PRINTED: 17.06.2022

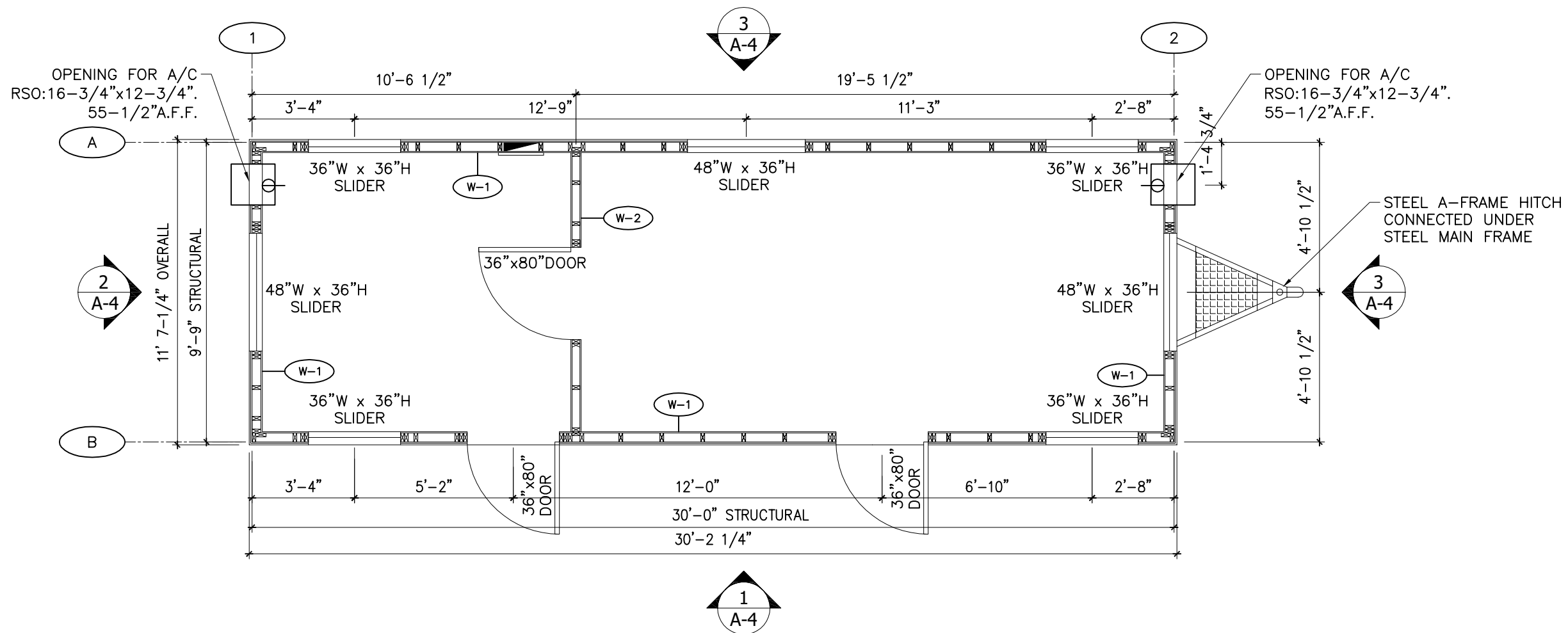
APPROVED BY: P. SIMONE

CHECKED BY: P. SIMONE

DRAWN BY: P. SIMONE

PROJECT NO: SIM-

DRAWING NO: A-1



A-2 FLOOR PLAN
3/8" = 1'-0"

<p>GENERAL NOTES:</p> <ol style="list-style-type: none"> THIS UNIT SHALL BE CSA-A-277 CERTIFIED. THIS UNIT SHALL BE INSTALLED ON A STEEL FRAME. SHEET METAL MOULDING SHALL BE INSTALLED AROUND EXTERIOR DOORS. FLOOR TILES SHALL BE INSTALLED WITH 4" OFFSET. SEE ELECTRICAL PLANS FOR BACKING TO FIX THE FLORESCENT LIGHTS. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ONTARIO BUILDING CODE 2017, O. REG. 151/13. AND FURTHER CONFORM TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT. EXPOSED SURFACE OF EVERY WALL AND CEILING SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 150. EXPOSED SURFACE OF EVERY WALL AND CEILING IN AN EXIT SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25. ALL STRUCTURAL COMPONENTS SHALL BE RATED FOR 45 MINS. OR BE NON-COMBUSTABLE. 	<p>F-1 FLOORS:</p> <p>ARMSTRONG VCT TILE 12" x 12", 4" OFFSET MODEL EXCELON COLOUR 51804 EARTHSTONE GREIGE SEALED AND WAXED.</p> <p>5/8" THK. SELECT T AND G PLYWOOD GLUED AND SCREWED - PLYWOOD TO BE SANDED AND FILLED BEFORE TILE IS SHALL BE INSTALLED.</p> <p>R20 BATT INSULATION</p> <p>2 x 6 WOOD STUDS @ 16" O.C. DOUBLE PERIMETER PLATE.</p> <p>1/4" ASPENITE PANEL, STAPLED.</p>	<p>R-1 ROOF:</p> <p>47 MIL. FULLY ADHERED, DECTEC R12000 (OR EQ.) ROOF MEMBRANE, COLOUR - WHITE.</p> <p>ALUMINIUM TERMINATION BAR.</p> <p>CORNERS SHOULD NOT BE SPLICES BUT WRAPPED AROUND A MINIMUM OF 12"</p> <p>1/2" PLYWOOD, GLUED AND SCREWED</p> <p>JOISTS TO BE SLOPED AWAY FROM THE EXTERIOR DOOR SIDE. 2 x 8 TO BE TAPERED TO 2 x 6 TO MAINTAIN FLAT INTERIOR ROOF. @ 12" O.C.</p> <p>R-20 TO R28 FIBERGLASS BATT INSULATION.</p> <p>6MIL. POLY VAPOR BARRIER WITH ALL OPENINGS AND SEAMS TAPED.</p> <p>PROVIDE CONTINUOUS VAPOR BARRIER BETWEEN ROOF AND WALLS.</p> <p>AZDEL COMPOSITE PANELS 3.6mm, "OKAPLY" DELTA MOONLIGHT 698 C.W MATCHING VINYL COVERED BATTENS OVER PANEL JOINTS AND ROSETTES AT INTERMEDIATE JOISTS.</p>	<p>W-1 EXTERIOR WALL: (8')</p> <p>29GA. PRE-FINISHED STEEL SIDING MESA PROFILE (COLOUR AS PER FLEET SPECIFICATIONS).</p> <p>TYVEK (OR EQ.) WITH ALL OPENINGS AND SEAMS TAPED.</p> <p>3/8" PLYWOOD, GLUED AND SCREWED.</p> <p>2 x 4 SPF @ 16" O.C. WITH SINGLE BOTTOM AND DOUBLE TOP PLATE.</p> <p>HEADERS WITH MAX. OPENINGS OF 48" SHALL BE (2) 2 x 6 WITH (1) 1/2" FILLER STRIPS.</p> <p>PROVIDE BLOCKING ON EACH SIDE OF EXTERIOR DOORS FOR HINGES LANDING SUPPORTS.</p> <p>PROVIDE BLOCKING IN REAR ENDWALL FOR STAIR AND RAILING SUPPORT BRACKETS.</p> <p>PROVIDE BLOCKING IN REAR ENDWALL FOR ROAD SIGNAL LIGHTING KIT SUPPORT PLATES.</p> <p>3 1/2" FIBERGLASS BATT (R12)</p> <p>6 MIL POLY VAPOR BARRIER WITH ALL OPENINGS AND SEAMS TAPED.</p>	<p>W-2 NON LOAD BEARING PARTITION:(8')</p> <p>3" MEDIUM GREY PVC BASEBOARD.</p> <p>5.2mm VINYL COVERED LUAN PANEL OKAPLY GRANIT 455</p> <p>INTERIOR AND EX. CORNERS SHALL BE VINYL COVERED BATTENS TO MATCH WALL.</p> <p>NON LOAD BEARING 2 x 4 @ 16" O.C. WITH SINGLE TOP AND BOTTOM PLATES FIXED TO CEILING.</p> <p>5.2mm VINYL COVERED LUAN PANEL OKAPLY GRANIT 455</p> <p>INTERIOR AND EX. CORNERS SHALL BE VINYL COVERED BATTENS TO MATCH WALL</p> <p>3" MEDIUM GREY PVC BASEBOARD.</p>
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MANUFACTURER:

ARMSTRONG
Manufactured Homes - Office Trailers

SimTech
Cluster of Excellence

PROJECT: WHEELED FLEET UNIT
10' X 30'

TITLE: FINISHED FLOOR PLAN

APPROVED BY: P. SIMONE
DATE: JUNE 2022
PRINTED: 17.06.2022

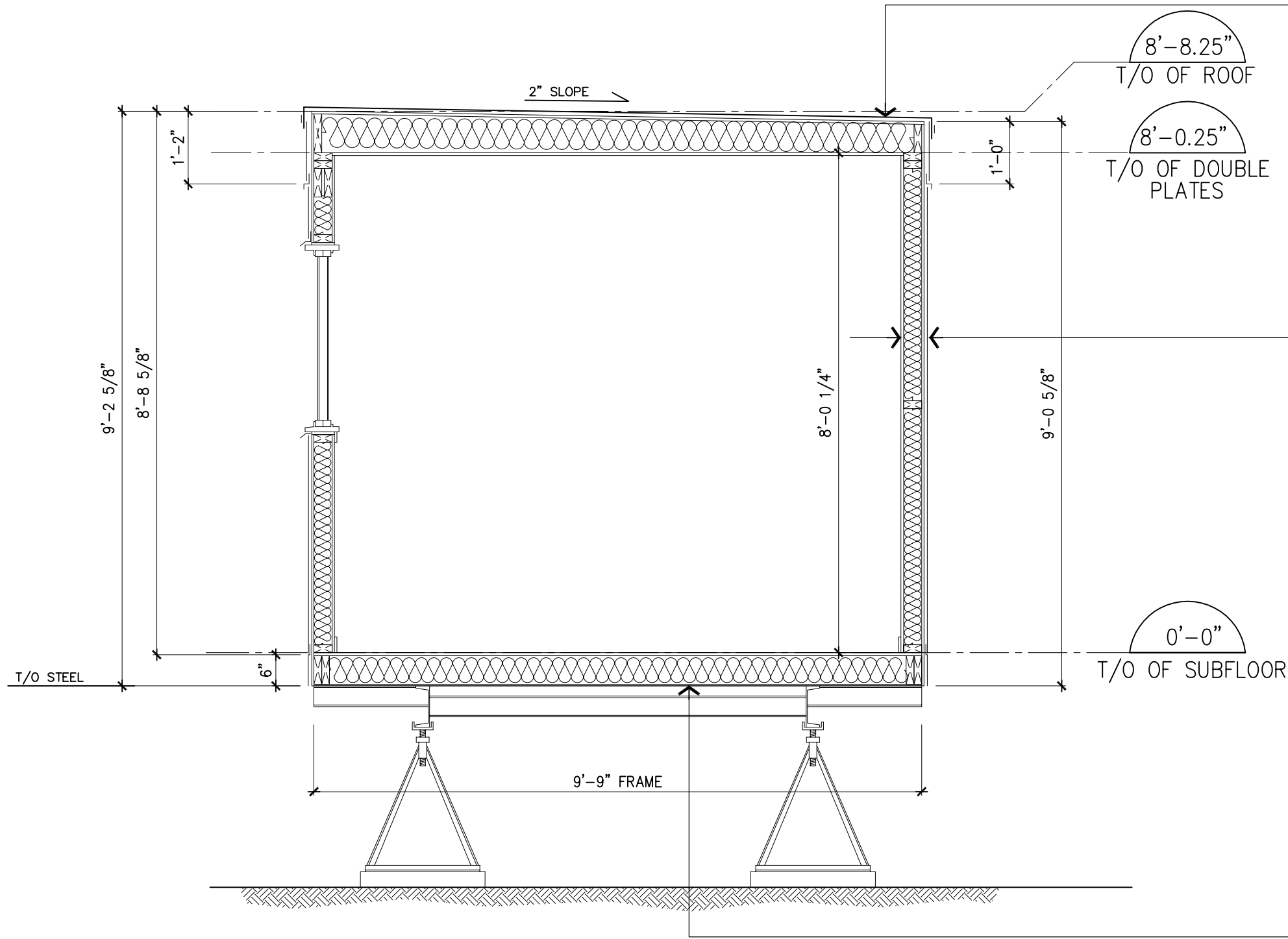
CHECKED BY: P. SIMONE
DATE: JUNE 2022

SCALE: AS NOTED

REVISIONS

DRAWING NO: **A-2**

PROJECT NO: **SIM-**



A-3 TYPICAL SECTION
Scale: 1/2"=1'-0"

ROOF:

47 MIL. FULLY ADHERED, DECTEC R12000 (OR EQ.) ROOF MEMBRANE, COLOUR - WHITE.

ALUMINIUM TERMINATION BAR.

CORNERS SHOULD NOT BE SPLICES BUT WRAPPED AROUND A MINIMUM OF 12"

1/2" PLYWOOD, GLUED AND SCREWED

JOISTS TO BE SLOPED AWAY FROM THE EXTERIOR DOOR SIDE. 2 X 8 TO BE TAPERED TO 2 X 6 TO MAINTAIN FLAT INTERIOR ROOF.

R28 TO R20 FIBERGLASS BATT INSULATION.

6MIL. POLY VAPOR BARRIER WITH ALL OPENINGS AND SEAMS TAPED.

PROVIDE CONTINUOUS VAPOR BARRIER BETWEEN ROOF AND WALLS.

1/2" FIREGUARD GYPSUM BOARD, VINYL COVERED OKAPLY DELTA MOONLIGHT 698 C.W MATCHING VINYL COVERED BATTENS OVER PANEL JOINTS AND ROSETTES AT INTERMEDIATE JOISTS.

W-1 EXTERIOR WALL: (8')

.019. PRE-FINISHED ALUMINUM SIDING (COLOUR AS PER FLEET SPECIFICATIONS).

TYVEK (OR EQ.) WITH ALL OPENINGS AND SEAMS.

3/8" PLYWOOD, GLUED AND SCREWED.

2 X 4 SPF @ 16" O.C. WITH SINGLE BOTTOM AND DOUBLE TOP PLATE.

HEADERS WITH MAX. OPENINGS OF 46" TO BE (2) 2" X 6" WITH (1) 1/2" FILLER STRIPS.

PROVIDE BLOCKING ON EACH SIDE OF EXTERIOR DOORS FOR HINGES LANDING SUPPORTS.

PROVIDE BLOCKING IN REAR ENDWALL FOR STAIR AND RAILING SUPPORT BRACKETS.

PROVIDE BLOCKING IN REAR ENDWALL FOR ROAD SIGNAL LIGHTING KIT SUPPORT PLATES.

3 1/2" FIBERGLASS BATT (R12)

3/16" X 3 1/2" FOAM SILL PLATE OR SOUND INSULATING CAULKING BETWEEN FLOOR/WALLS AND WALLS/ROOF.

6 MIL POLY VAPOR BARRIER WITH ALL OPENINGS AND SEAMS TAPED.

5.2 MM VINYL COVERED LUAN PANEL OAKPLY ATOMIC GRANIT

3" PVC BASEBOARD AND TRIM COLONIAL STYLE GREY.

CASING: 2" PVC COLONIAL STYLE GREY.

F-1 FLOORS:

ARMSTRONG VCT TILE 12" X 12"
4" OFFSET - MODEL EXCELON - COLOUR 51804 EARTHSTONE GREIGE - SEALED AND WAXED.

5/8" THK. SELECT T & G PLYWOOD GLUED AND SCREWED-PLYWOOD TO BE SANDED AND FILLED BEFORE TILE IS TO BE INSTALLED.

R28 BATT INSULATION

2 X 6 WOOD STUDS @ 16" O.C. DOUBLE PERIMETER PLATE.

1/4" ASPENITE PANEL, GLUED AND SCREWED

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REVISIONS

PROJECT: WHEELED FLEET UNIT
10' X 30'

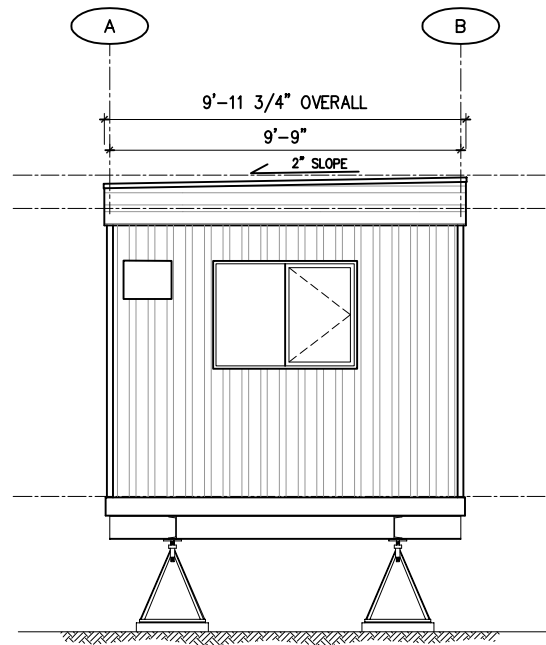
TITLE: SECTION DETAIL
DRAWN BY: P. SIMONE
CHECKED BY: P. SIMONE
DATE: JUNE 2022

MANUFACTURER: SimTech Cluster of Excellence

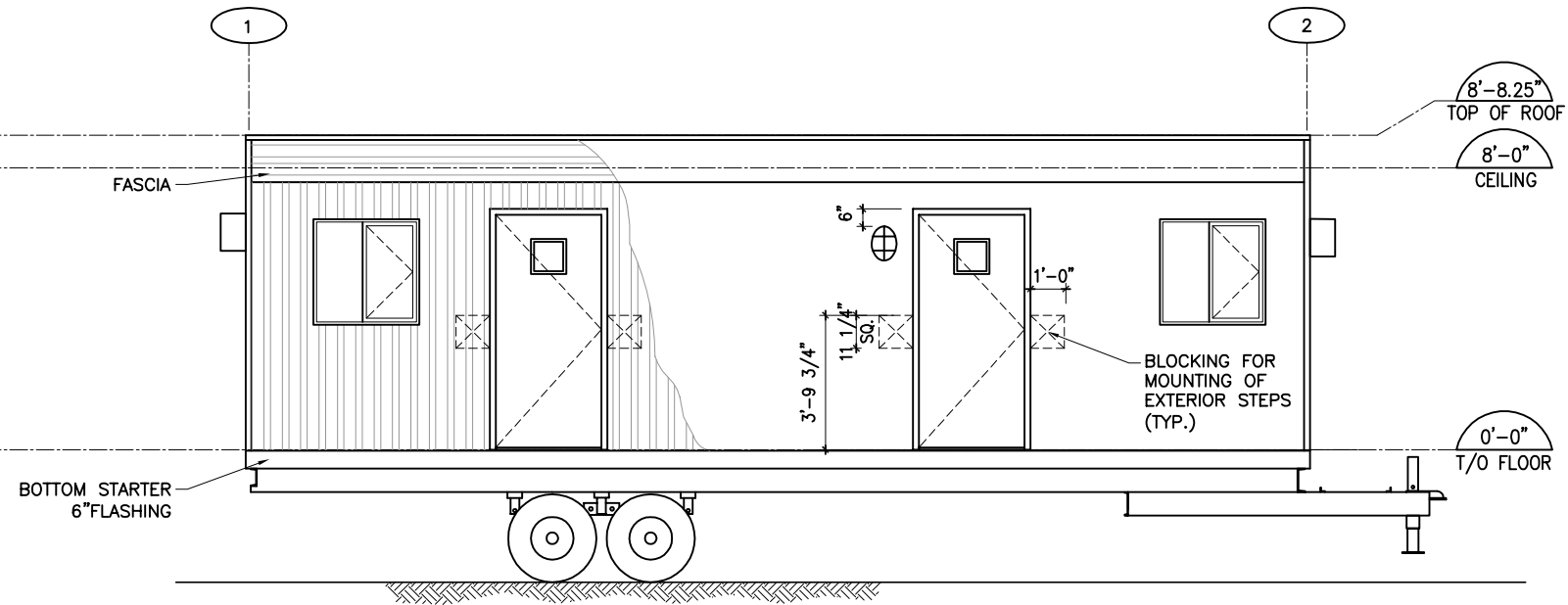
APPROVED BY: P. SIMONE
PRINTED: 15.06.2022

DRAWING NO: A-3
PROJECT NO: SIM-

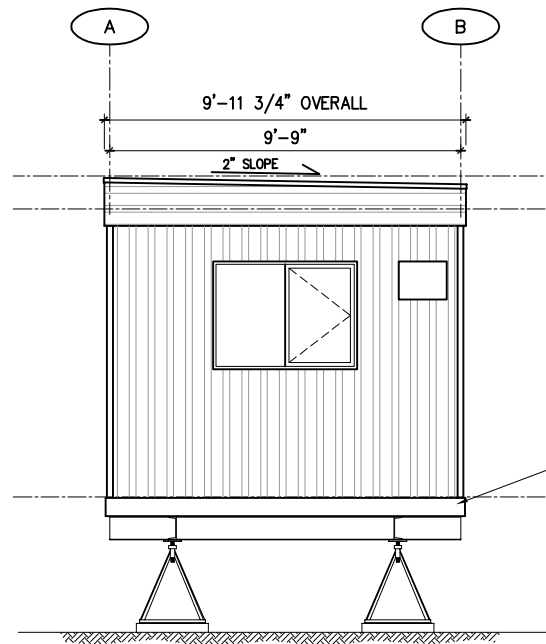




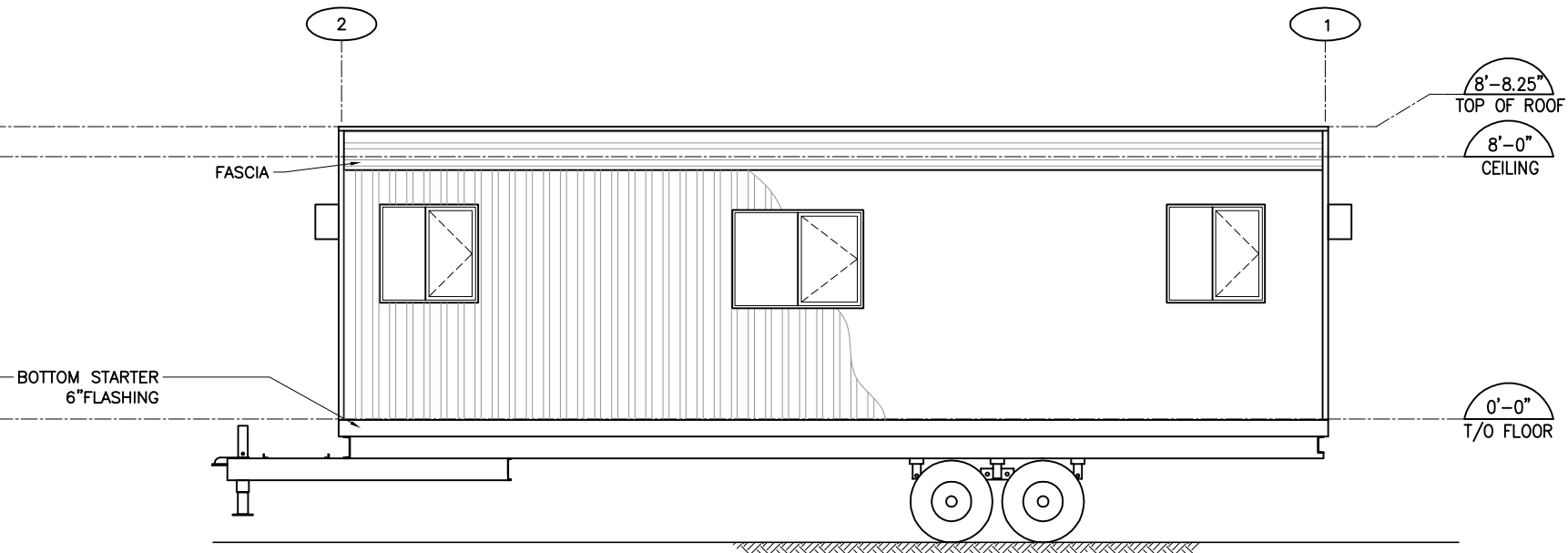
A-4 LEFT ELEVATION 2
3/16" = 1'-0"



A-4 FRONT ELEVATION 1
3/16" = 1'-0"



A-4 RIGHT ELEVATION 4
3/16" = 1'-0"



A-4 REAR ELEVATION 3
3/16" = 1'-0"

NO.	DATE	DESCRIPTION
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ARMSTRONG
Manufactured Homes - Office Trailers

SimTech
Cluster of Excellence

MANUFACTURER:

PROJECT: WHEELED FLEET UNIT
10' X 30'

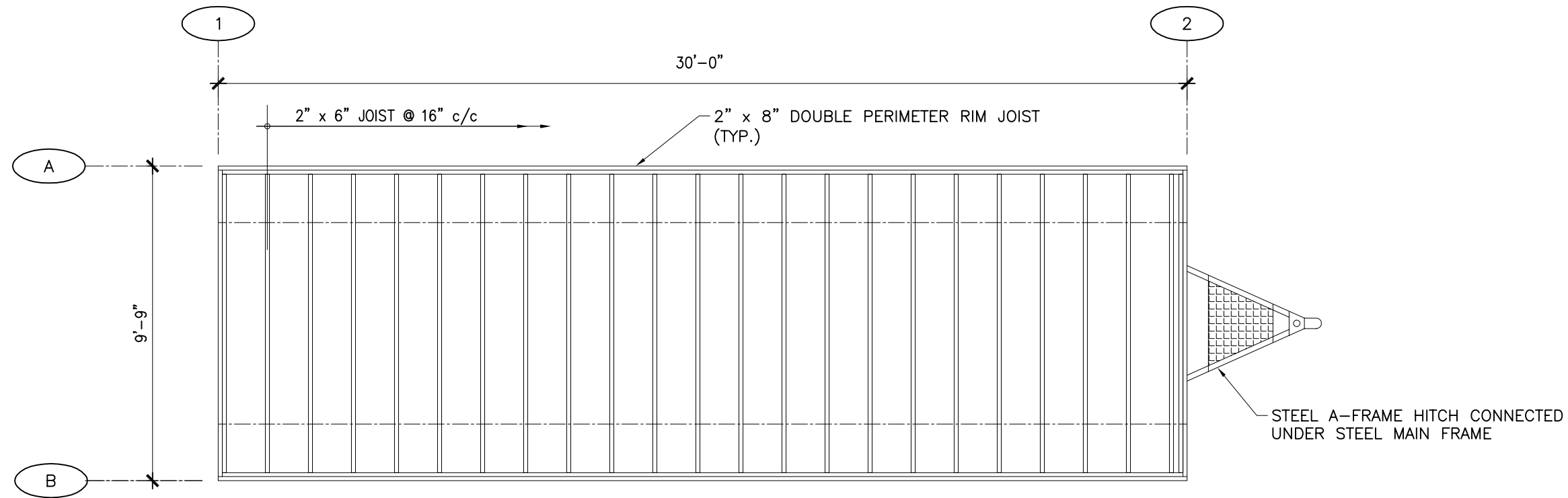
TITLE: ELEVATIONS

DRAWN BY: N/R
CHECKED BY: P. SIMONE
SCALE: AS NOTED
DATE: JUNE 2022

APPROVED BY: P. SIMONE
PRINTED: 15.06.2022

DRAWING NO: **A-4**

PROJECT NO: **SIM-**



S-1 STRUCTURAL FLOOR PLAN
1/4" = 1'-0"

GENERAL NOTES:

1. THIS UNIT SHALL BE CSA-A-277 CERTIFIED.
2. THIS UNIT WILL BE INSTALLED ON A STEEL FRAME.
3. SHEET METAL MOULDING SHALL BE INSTALLED AROUND EXTERIOR DOORS.
4. FLOOR TILES SHALL BE INSTALLED WITH 4" OFFSET.
5. SEE ELECTRICAL PLANS FOR BACKING TO FIX THE FLUORESCENT LIGHTS.
6. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ONTARIO BUILDING CODE 2017, O. REG. 151/13, AND FURTHER CONFORM TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
7. EXPOSED SURFACE OF EVERY WALL AND CEILING IN AN EXIT SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 150.
8. EXPOSED SURFACE OF EVERY WALL SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25.
9. ALL STRUCTURAL COMPONENTS SHALL BE RATED FOR 45 MINS. OR BE NON-COMBUSTABLE.

FLOORS: **F-1**

ARMSTRONG VCT TILE 12" x 12", 4" OFFSET
MODEL EXCELON
COLOUR 51804 EARTHSTONE GREIGE
SEALED AND WAXED.

5/8" THK. SELECT T AND G PLYWOOD
GLUED AND SCREWED - PLYWOOD TO BE
SANDED AND FILLED BEFORE TILE IS SHALL BE
INSTALLED.

R20 BATT INSULATION

2 x 6 WOOD STUDS @ 16" O.C.
DOUBLE PERIMETER PLATE.

1/4" ASPENITE PANEL, STAPLED.

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PROJECT: WHEELED FLEET UNIT
10' X 30'

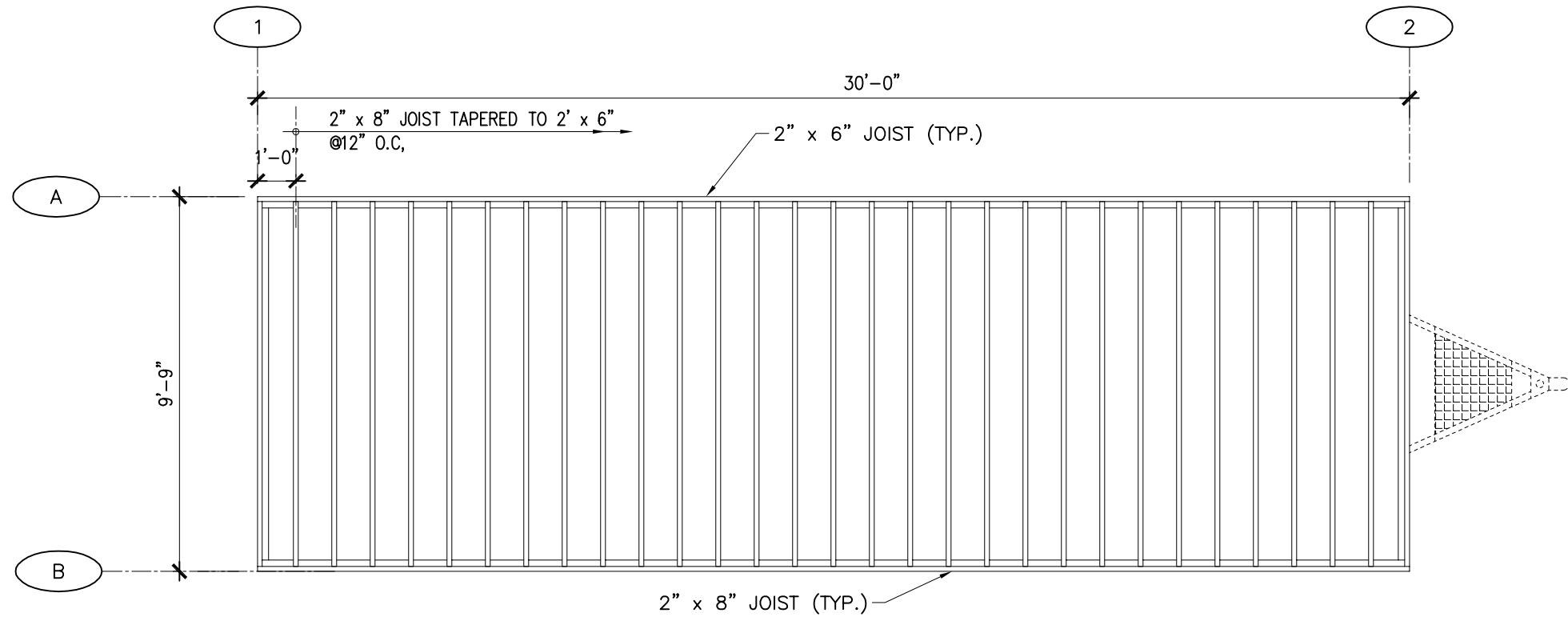
TITLE: FLOOR FRAMING PLAN

PROJECT NO.: SIM-
DRAWING NO.: S-1

MANUFACTURER: SimTech Cluster of Excellence

ARMSTRONG
Manufactured Homes - Office Trailers

PROJECT:	
DRAWING NO.:	S-1
PROJECT NO.:	SIM-



S-2 STRUCTURAL ROOF PLAN
1/4" = 1'-0"

GENERAL NOTES:

1. THIS UNIT SHALL BE CSA-A-277 CERTIFIED.
2. THIS UNIT SHALL BE INSTALLED ON A STEEL FRAME.
3. SHEET METAL MOULDING SHALL BE INSTALLED AROUND EXTERIOR DOORS.
4. FLOOR TILES SHALL BE INSTALLED WITH 4" OFFSET.
5. SEE ELECTRICAL PLANS FOR BACKING TO FIX THE FLORESCENT LIGHTS.
6. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE ONTARIO BUILDING CODE 2017, O. REG. 151/13. AND FURTHER CONFORM TO THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
7. EXPOSED SURFACE OF EVERY WALL AND CEILING SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 150.
8. EXPOSED SURFACE OF EVERY WALL AND CEILING IN AN EXIT SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25.
9. ALL STRUCTURAL COMPONENTS SHALL BE RATED FOR 45 MINS. OR BE NON-COMBUSTIBLE.

ROOF: **R-1**

47 MIL. FULLY ADHERED, DECTEC R12000 (OR EQ.) ROOF MEMBRANE, COLOUR - WHITE.

ALUMINIUM TERMINATION BAR.

CORNERS SHOULD NOT BE SPLICES BUT WRAPPED AROUND A MINIMUM OF 12"

1/2" PLYWOOD, GLUED AND SCREWED

JOISTS TO BE SLOPED AWAY FROM THE EXTERIOR DOOR SIDE. 2 x 8 TO BE TAPERED TO 2 x 6 TO MAINTAIN FLAT INTERIOR ROOF.

R28 FIBERGLASS BATT INSULATION.

6MIL. POLY VAPOR BARRIER WITH ALL OPENINGS AND SEAMS TAPED.

PROVIDE CONTINUOUS VAPOR BARRIER BETWEEN ROOF AND WALLS.

AZDEL COMPOSITE PANELS 3.6mm, "OKAPLY" DELTA MOONLIGHT 698 C.W MATCHING VINYL COVERED BATTENS OVER PANEL JOINTS AND ROSETTES AT INTERMEDIATE JOISTS.

REVISIONS

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PROJECT:	
TITLE:	ROOF FRAMING PLAN
DRAWN BY:	L. GABRIEL-SIMONE
CHECKED BY:	P. SIMONE
DATE:	JUNE 2022
SCALE:	AS NOTED
PROJECT NO.:	SIM-

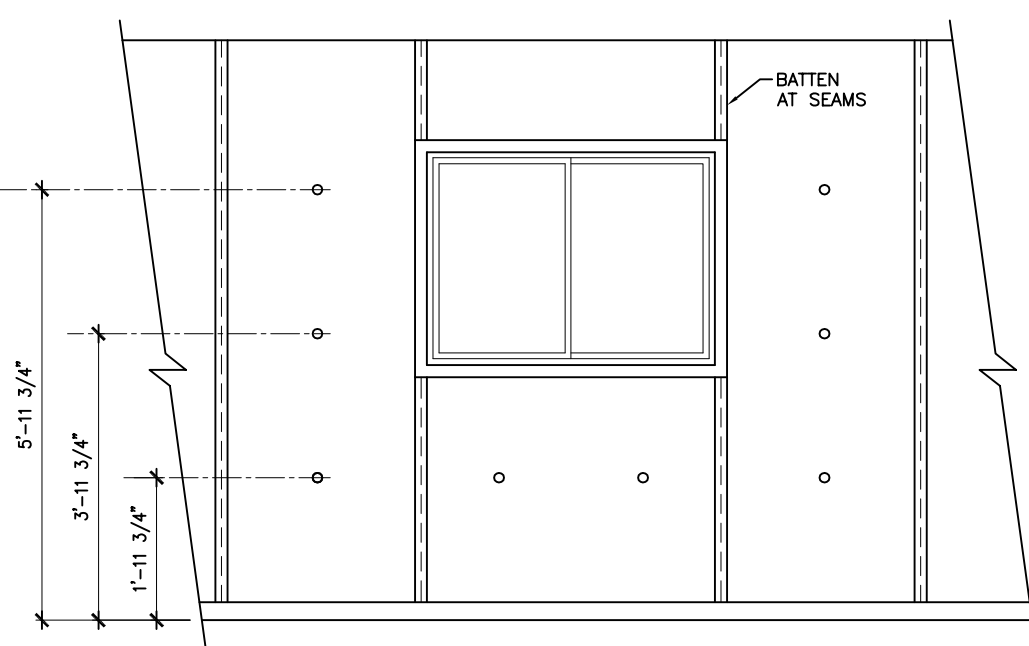
WHEELED FLEET UNIT
10' X 30'

PROJECT:	
TITLE:	ROOF FRAMING PLAN
DRAWN BY:	L. GABRIEL-SIMONE
CHECKED BY:	P. SIMONE
DATE:	JUNE 2022
SCALE:	AS NOTED
PROJECT NO.:	SIM-

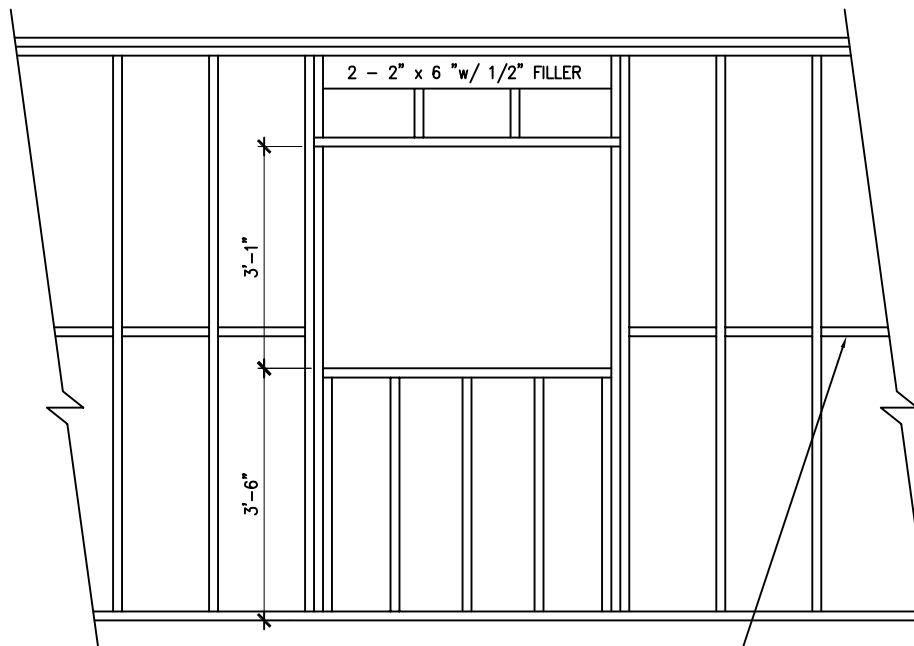
MANUFACTURER:



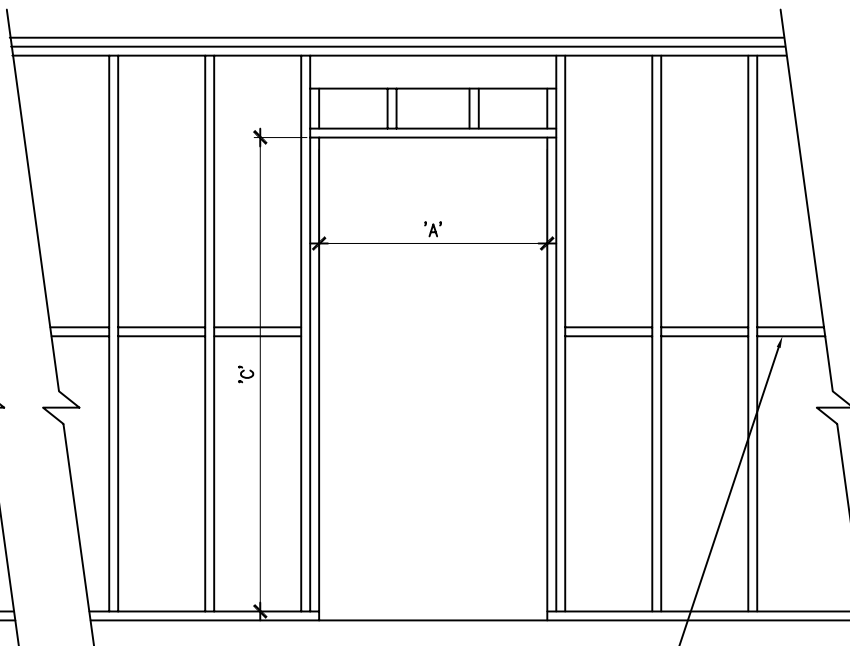
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S-3 NAIL PATTERN FOR INTERIOR LUAN PANEL
3/8" = 1'-0"

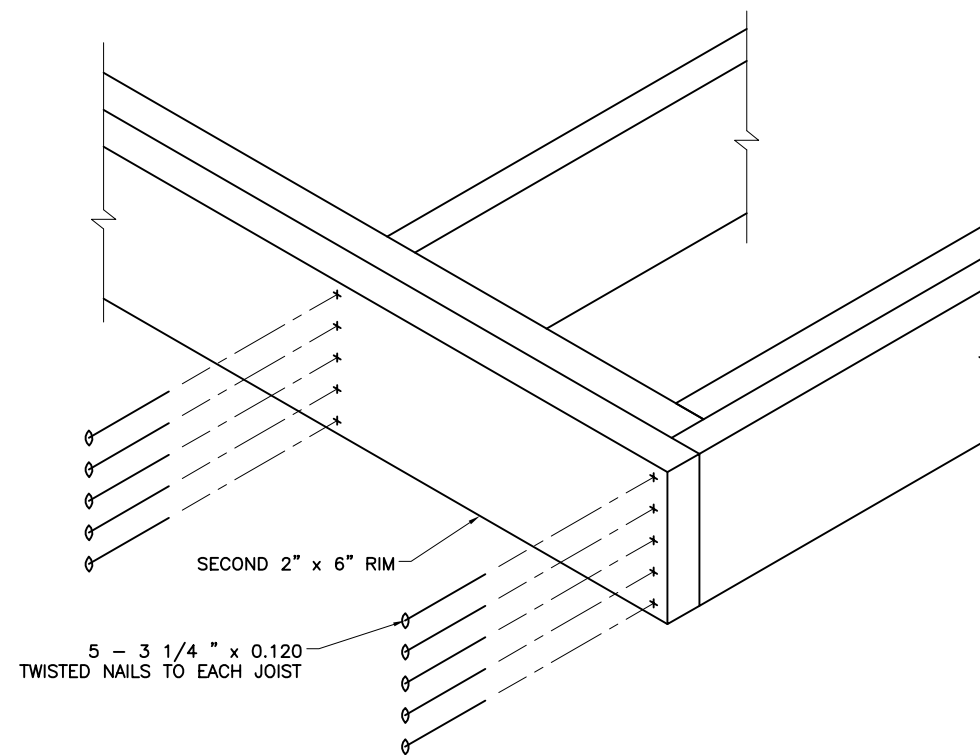
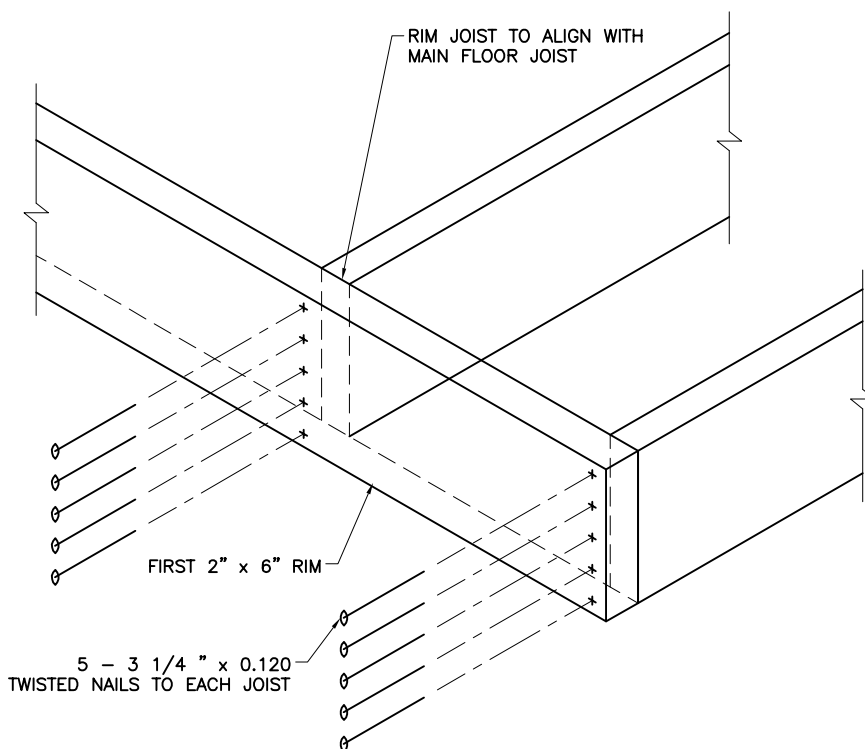


S-3 WINDOW LINTEL DETAIL
3/8" = 1'-0"



S-3 DOOR LINTEL DETAIL

OPENING DIMENSIONS			
DESCRIPTION	A	B	C
EXTERIOR WALL WHEELCHAIR ACCESSIBLE	38"	-	80.5"
EXTERIOR WALL NON-WHEELCHAIR ACCESSIBLE	36"	-	80.5"
INTERIOR WALL WHEELCHAIR ACCESSIBLE	40"	-	82"
INTERIOR WALL NON-WHEELCHAIR ACCESSIBLE	38"	-	82"
EXTERIOR WALL HEADER	-	2 PLY 2" x 6" /w 1/2" FILLER	-
INTERIOR / MATE WALL HEADER	-	2 PLY 2" x 6" /w 1/2" FILLER	-



S-3 RIM JOIST DETAILS
NTS

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PROJECT: WHEELED FLEET UNIT
10' X 30'

TITLE: STRUCTURAL FRAMING DETAILS

DRAWING NO: **S-3**

PROJECT NO: SIM-

MANUFACTURER: **SimTech** Cluster of Excellence

ARMSTRONG Manufactured Homes - Office Trailers

PROJECT: WHEELED FLEET UNIT
10' X 30'

DRAWING NO: **S-3**

PROJECT NO: SIM-

DATE: JUNE 2022

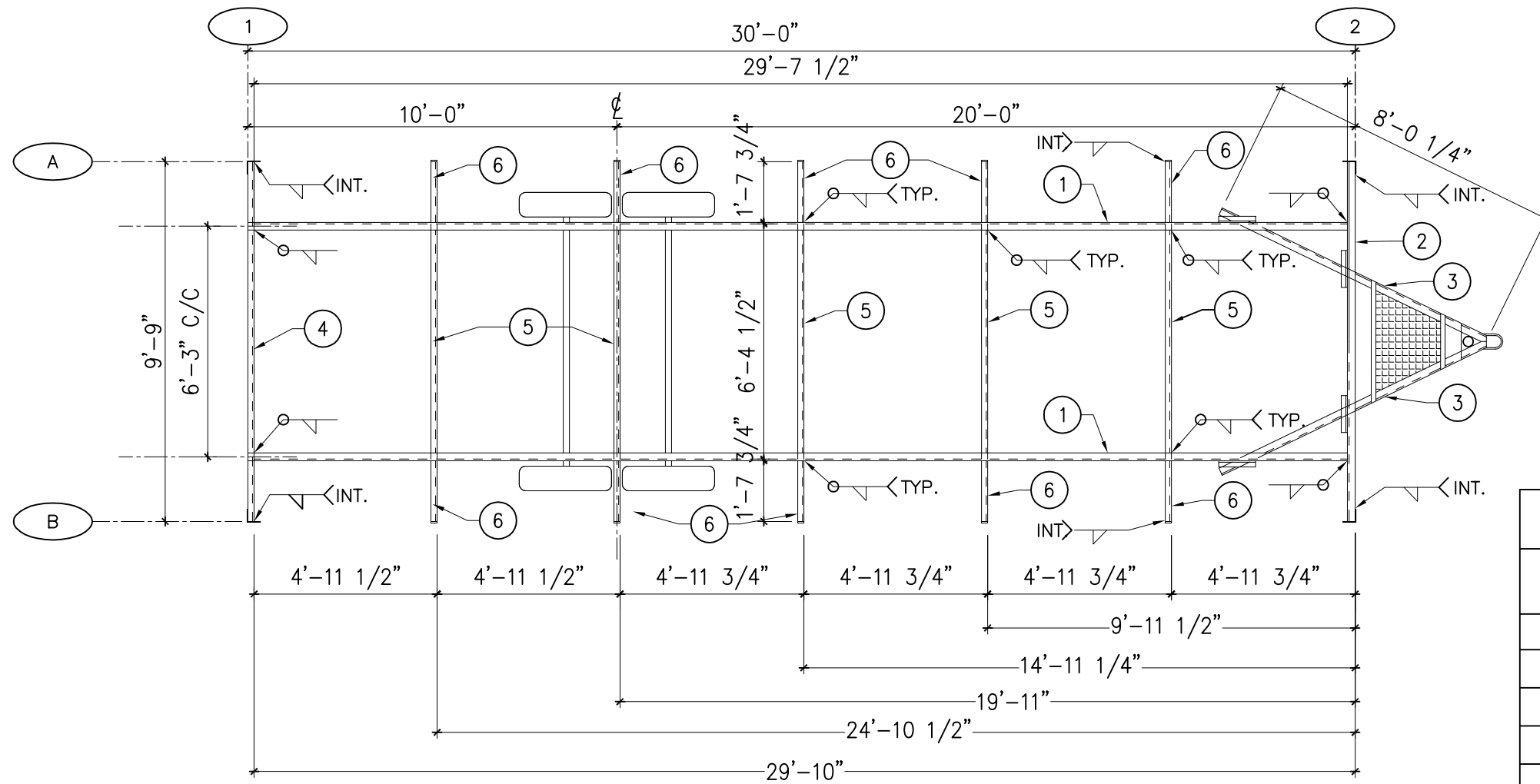
SCALE: AS NOTED

CHECKED BY: P. SIMONE

DRAWN BY: P. SIMONE

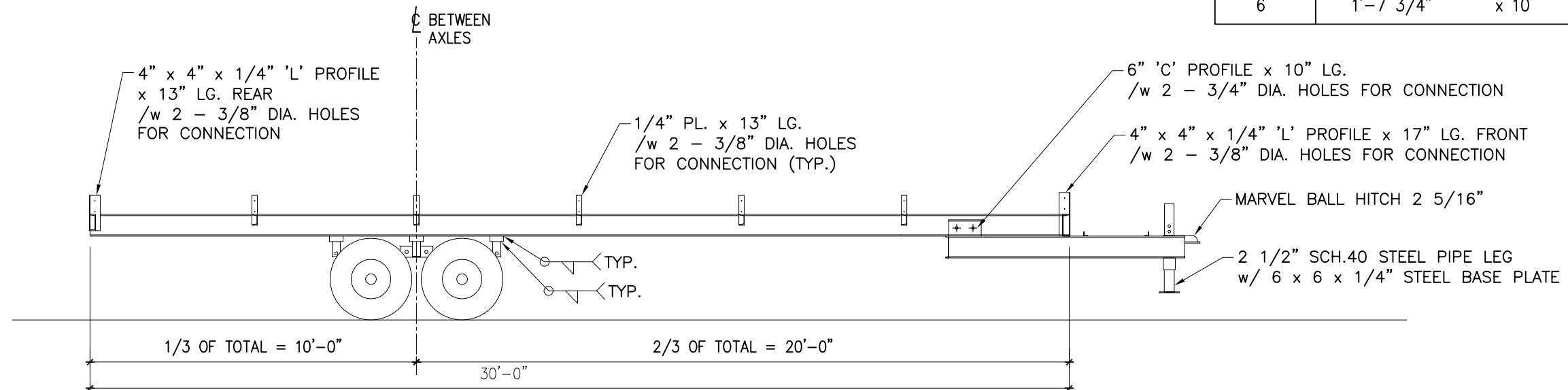
APPROVED BY: P. SIMONE

PRINTED: 15-06-2022



B-1 STEEL FRAME PLAN
1/4" = 1'-0"

ITEM#	DESCRIPTION
	8C @ 11.5 lb.
1	29'-7 1/2" x 2
2	9'-9" x 1
3	8"-0" x 2
	6C @ 8.2 lb.
4	9'-9" x 1
	4C @ 5.4 lb.
5	6'-4 1/2" x 5
6	1'-7 3/4" x 10



B-1 STEEL FRAME ELEVATION
1/4" = 1'-0"

KAMLU ENGINEERING
61 ELDERBERRY TRAIL,
AURORA, ON. L4G 6X1
T: 647-893-9153

ARMSTRONG
Manufactured Homes - Office Trailers

SimTech
Cluster of Excellence

MANUFACTURER:

REVISIONS

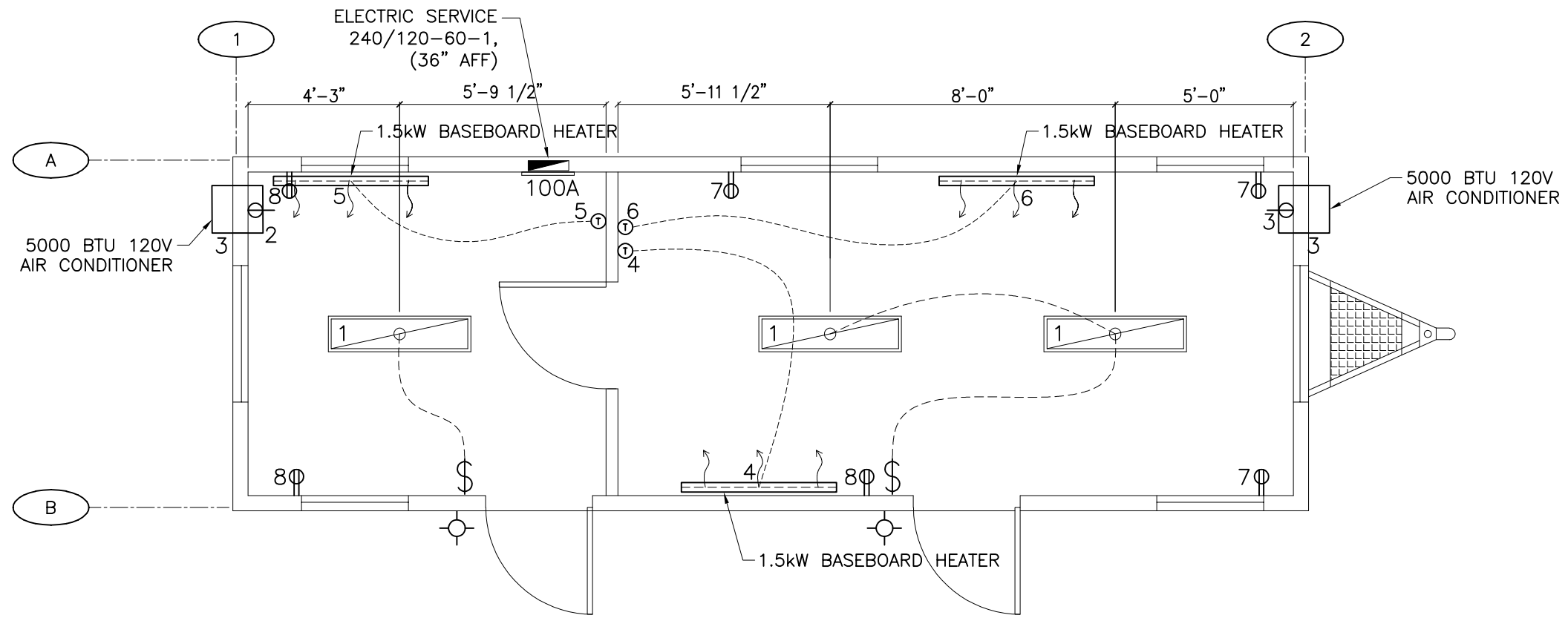
PROJECT: WHEELED FLEET UNIT
10' X 30'

TITLE: STEEL FRAME

PROJECT NO. AS NOTED
DATE JUNE 2022
DRAWN BY: P. SIMONE
CHECKED BY: P. SIMONE
APPROVED BY: P. SIMONE
DATE 15.06.2022
PLOTTER:

DRAWING NO:
B-1

PROJECT NO. SIM-



E1 ELECTRICAL FLOOR PLAN AND LIGHTING DETAIL

ELECTRICAL SYMBOL LEGEND	
	12" X 48" LED SURFACE MOUNTED LIGHTING
	EXTERIOR WALL MOUNTED AREA PHOTOCELL LIGHT @ 8' 6" ABOVE SILL
	15A, 120V, 1PH 'U' DUPLEX RECEPTACLE AT 12" A.F.F UNLESS OTHERWISE SPECIFIED
	120V, IVORY SINGLE A/C RECEPT. (+42" AFF)
	SINGLE POLE SWITCH
	ELECTRICAL PANEL
	1.5kW BASEBOARD HEATER

Modul	A	Area Served Sq. Meter	Area served	292.5 ft	Panel Voltage	240			
		27.1741392 ft	Main Breaker	100A	Panel Phase	1			
CKT#	Breaker size	Description	QTY	Voltage	Wattage per item	Connected Load	Load Factor	Calculated load	Total
1	15 /1	Lights (2-tube)	3	120	71.2	213.6	1.25	267	
		Exterior Lights	0	120	75	0	1.25	0	267
2	20 /1	A/C Recept	1	120	515	515	1.00	515	515
3	20 /1	A/C Recept	1	120	515	515	1.00	515	515
4	20 /1	Baseboard Heater	1	120	1500	1500	1.25	1875	1875
5	20 /1	Baseboard Heater	1	120	1500	1500	1.25	1875	1875
6	20 /1	Baseboard Heater	1	120	1500	1500	1.25	1875	1875
7	15 /1	Recepts	3	120	180	540	1.00	540	540
8	15 /1	Recepts	3	120	180	540	1.00	540	540
						Total connected load		8002.00	
						Total connected load amps		33.34	
						Load factor	50	1358.71	
						Appliance Load		6655.00	
						CEC 2012 Elec Load Amps		33.39	

REVISIONS	DATE	DESCRIPTION
1	21.06.2022	
2		
3		
4		
5		
6		
7		
8		
9		

MANUFACTURER:

ARMSTRONG
Manufactured Homes - Office Trailers

SimTech
Cluster of Excellence

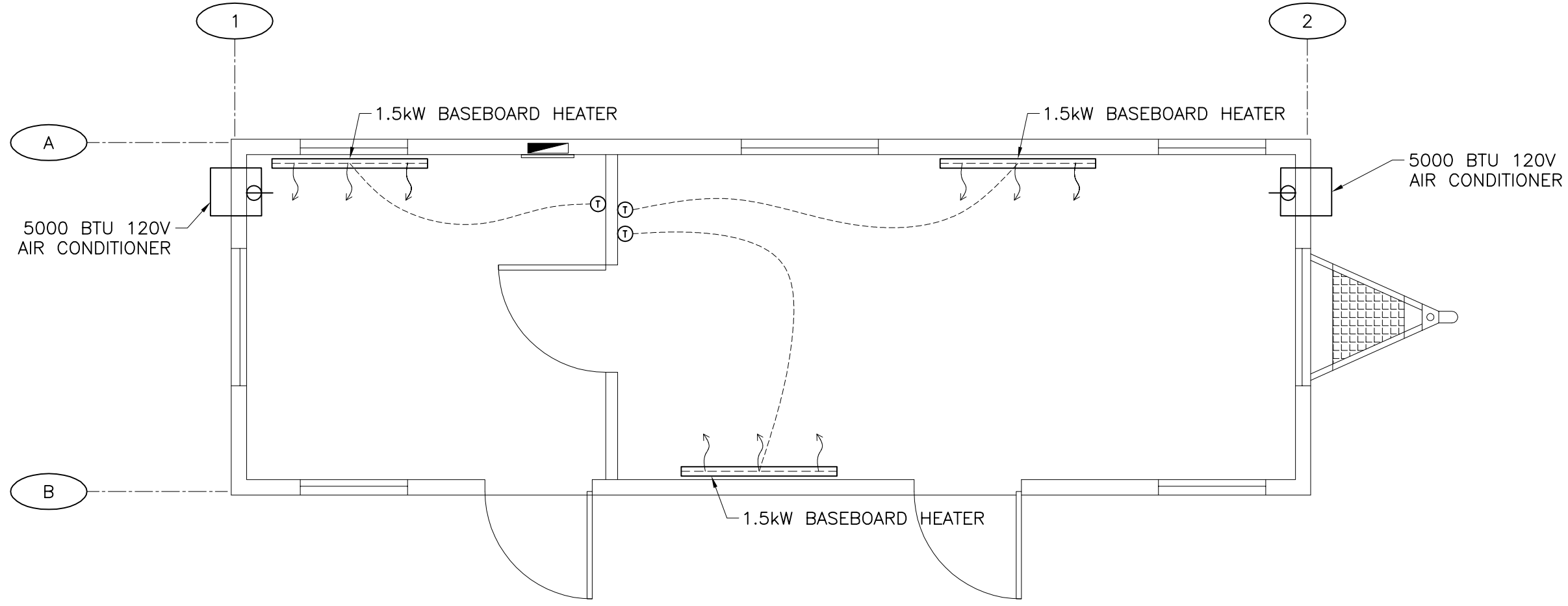
PROJECT: WHEELED FLEET UNIT
10' X 30'

TITLE: ELECTRICAL PLAN

APPROVED BY: P. SIMONE
DATE: JUNE 2022
PRINTED: 21.06.2022

DRAWING NO: **E-1**

PROJECT NO: SIM-



M-1 HEATING AND COOLING PLAN
NTS

REVISIONS	1		4		7	
	DATE	BY	DATE	BY	DATE	BY

PROJECT: WHEELED FLEET UNIT 10' X 30'		MANUFACTURER: SimTech Cluster of Excellence		KAMLU ENGINEERING 61 ELDERBERRY TRAIL, AURORA, ON, L4G 6X1 T: 647-893-9153	
TITLE: HEATING AND COOLING		DRAWN BY: P. SIMONE		CHECKED BY: P. SIMONE	
SCALE: AS NOTED		DATE: JUNE 2022		DATE: JUNE 2022	
PROJECT NO: SIM-		DRAWING NO: M-1		APPROVED BY: P. SIMONE	
				PRINTED: 15.06.2022	