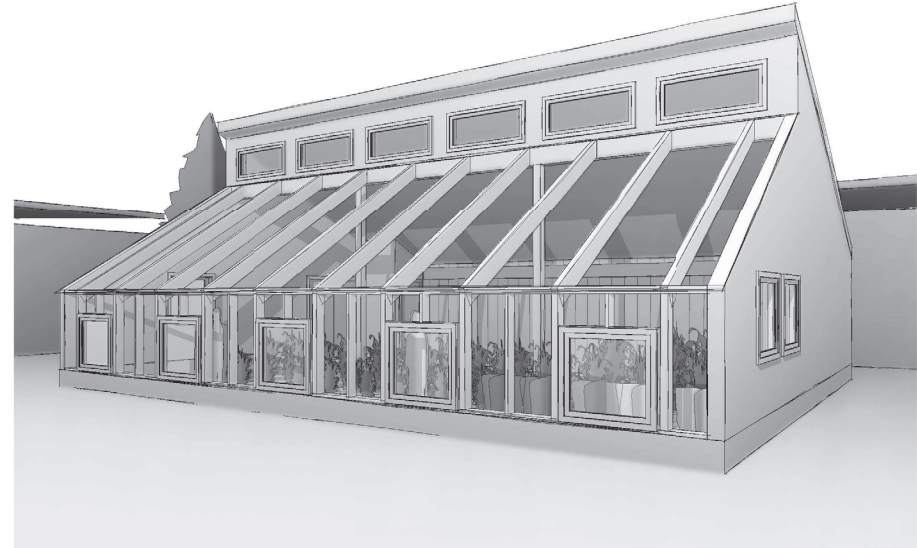


1 Site  
1 : 200



2 3D PERSPECTIVE

GENERAL NOTES:

1. ALL WORK TO BEST INDUSTRY STANDARDS AND TO CURRENT CANADIAN NATIONAL BUILDING CODE. ALL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THIS CODE. SUB-STANDARD WORK WILL BE REFUSED BY CLIENT AND PROFESSIONAL SERVICE TEAMS.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL TEMPORARY SUPPORTS AND FRAMEWORK.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SAFETY REQUIRED BY LOCAL LEGISLATION.
4. ALL MEASUREMENT DISCREPANCIES, AND/OR PROPOSED CONSTRUCTION CHANGES DIFFERING SUBSTANTIALLY FROM THAT SHOWN ON THE DRAWINGS MUST BE REPORTED TO THE ARCHITECTURAL/ ENGINEERING AND/OR CLIENT PRIOR TO CONTINUING WORK.
5. DO NOT SCALE THESE DRAWINGS.
6. VERIFY SITE AND SOIL CONDITIONS BEFORE BEGINNING CONSTRUCTION- AS REQ'D BY CLIENT AND JURISDICTION.
7. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS NOTED AS BEING A CLEAR DIMENSION. CLEAR DIMENSIONS ARE FROM FINISH SURFACE TO FINISH SURFACE.
8. CONFIRM ALL ROUGH OPENING REQUIREMENTS FOR PLUMBING FIXTURES WITH SUPPLIERS PRIOR TO FRAMING.
9. CONFIRM ALL ROUGH OPENING REQUIREMENTS FOR WINDOWS AND DOORS WITH SUPPLIERS PRIOR TO FRAMING.
10. ENSURE THAT ALL ADJACENT GYPSUM BOARD SURFACES ARE FLUSH. ALL EXPOSED BOARD SURFACES ARE TO BE TAPED, MUD AND SANDED.
11. CONFIRM ALL FLOOR AND ROOF JOIST SIZE, LOCATIONS AND SPACING WITH APPROVED SUPPLIER/ ENGINEERING LAYOUTS.
12. CONFIRM ALL MANUFACTURED COMPONENTS, THROUGH USE OF PRE-APPROVED SHOP DRAWINGS IS RESPONSIBILITY OF CONTRACTOR.
13. CONFIRM TRANSPORT FRAME, FLOOR AND ROOF JOIST SIZE, LOCATIONS AND SPACING WITH APPROVED SUPPLIER AS PER ENGINEERING LAYOUTS.
14. ALL SPECIFIED STEEL STRUCTURAL SUPPORTS TO BE APPROVED BY ENG. AND BUILT BY CWB CERTIFIED WELDING SHOP.
15. ALL FOOTINGS SHALL BE INSTALLED ON SOIL WITH MIN. BEARING CAPACITY OF 150 KPA. MAIN FLOOR FRAMING MUST BE COMPLETE PRIOR TO ANY BACKFILLING. BACK FILL SIMULTANEOUSLY FROM BOTH SIDES. VERIFY FINAL BACK FILL HEIGHTS WITH GRADING PLAN.
16. ALL WOOD TO AVOID DIRECT CONTACT WITH CONCRETE AND/OR GRADE MATERIAL. PTW TO BE USED IN PROXIMITY TO GRADE. SHEAR WALLS TO CONFORM TO ENG. SPECIFICATION INCLUDING NAILING PATTERN. TIE DOWN BOLTS AND PLYWOOD SHEAR WALL/ TALL WALL SPECIFICATIONS. TRUSS/ JOIST MANUFACTURER TO ALIGN SHEAR WALLS WITH STRUCTURAL BEAMS AND HOLD DOWN/ STRUCTURAL TIE DOWN EQUIVALENT.
17. AIR BARRIER TO BE TESTED AND MAINTAINED ON SITE. PENETRATIONS TO BARRIER TO BE CONTROLLED BY CONTRACTOR AND SUBTRADES.
18. ALL FASTENERS AND ADHESIVES TO COMPLY WITH NBC 2010.



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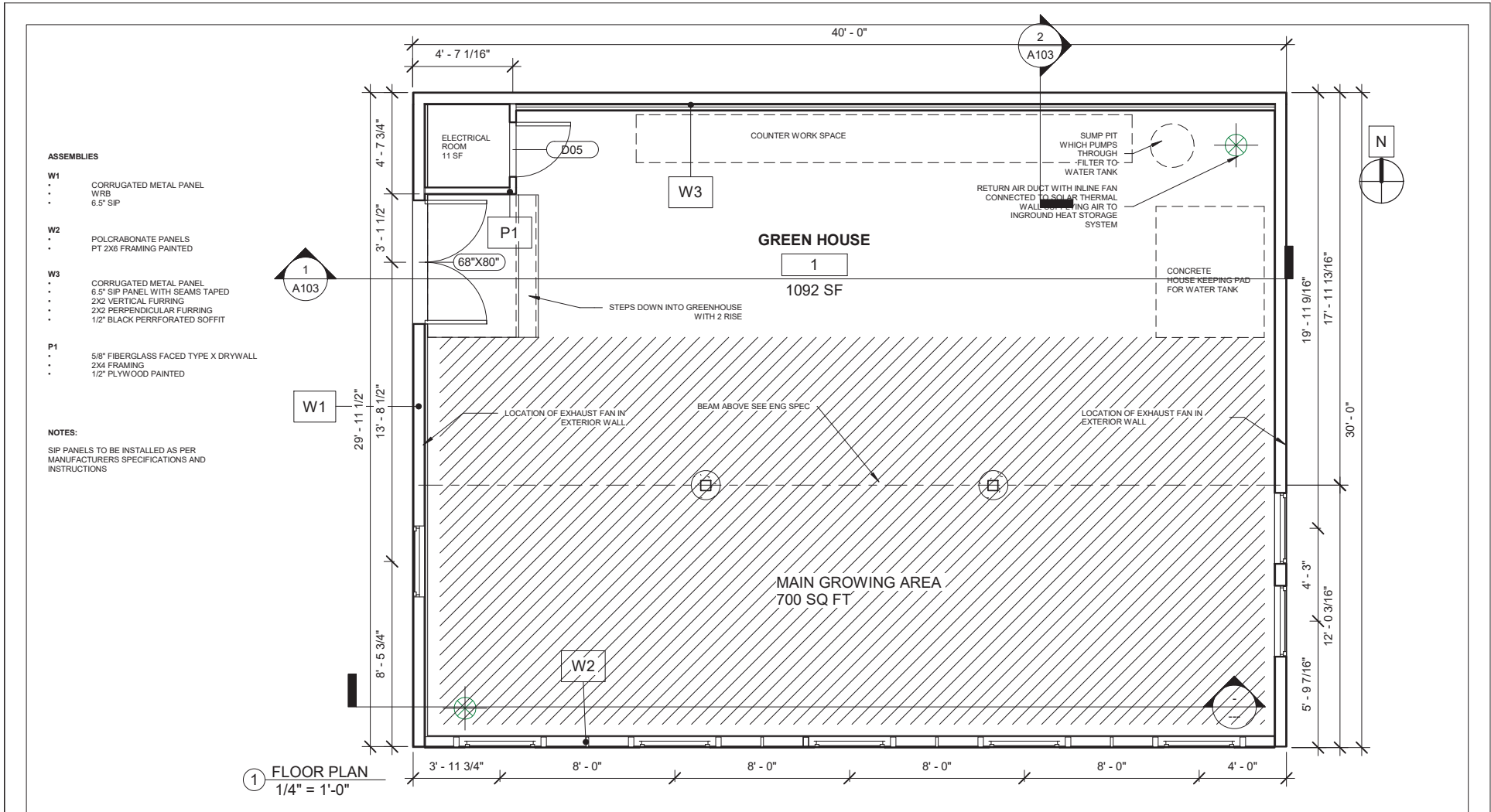
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Red Deer Greenhouse

No.	Description	Date

SITE PLAN

Project number	Project Number	A100
Date	10.13.2021	
Drawn by	CM	
Checked by	Scale 1 : 200	

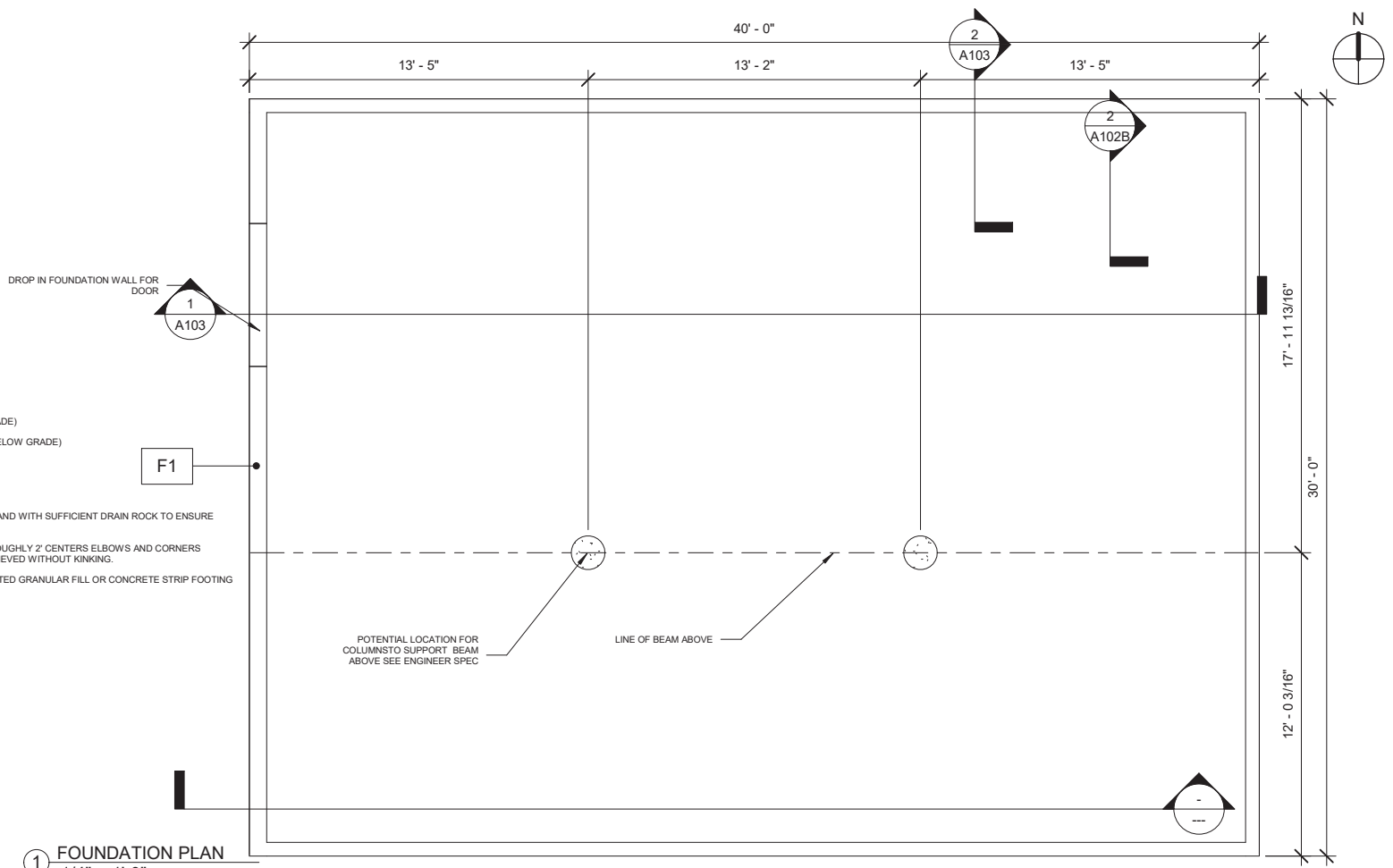


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**Red Deer Greenhouse**

No.	Description	Date

FLOOR PLAN		
Project number	Project Number	<b>A101</b>
Date	10.13.2021	
Drawn by	CM	
Checked by	Checker	
Scale		1/4" = 1'-0"



- F1-FOUNDATION SIP**
- CORRUGATED METAL (ABOVE GRADE)
  - BUILDING PAPER (ABOVE GRADE)
  - WATER PROOFING MEMBRANE (BELOW GRADE)
  - 6.5" SIP

**NOTES**

ALL INGROUND PIPE TO BE BACKFILLED BY HAND WITH SUFFICIENT DRAIN ROCK TO ENSURE PIPE IS NOT CRUSHED OR KINKED

ALL INGROUND PIPE TO BE LAYED OUT ON ROUGHLY 2' CENTERS ELBOWS AND CORNERS ARE NOT NECESSARY IF RADIUS CAN BE ACHIEVED WITHOUT KINKING

FOOTINGS FOR FOUNDATION TO BE COMPACTED GRANULAR FILL OR CONCRETE STRIP FOOTING

① FOUNDATION PLAN  
1/4" = 1'-0"



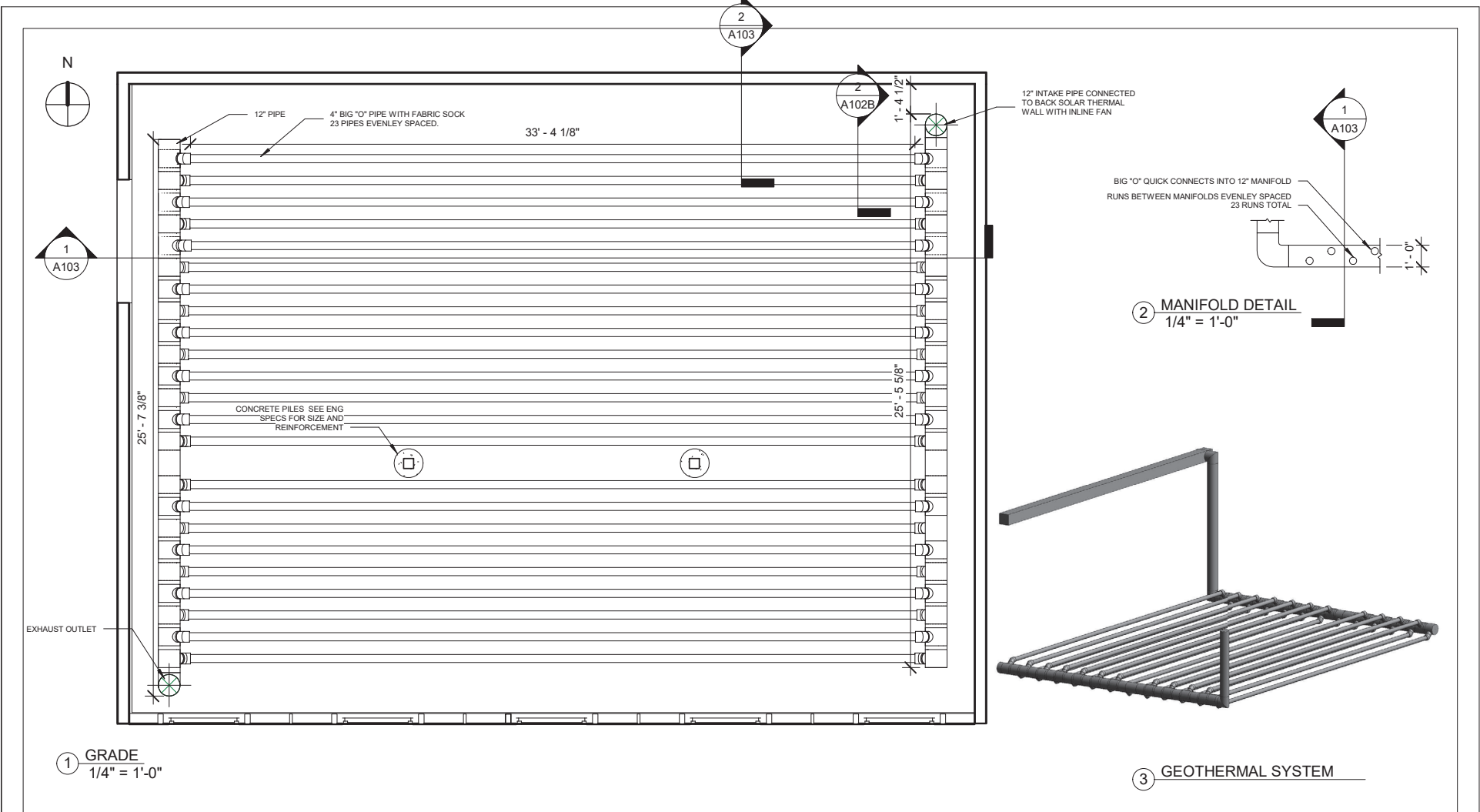
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**Red Deer Greenhouse**

No.	Description	Date

FOUNDATION PLAN		
Project number	Project Number	<b>A102</b>
Date	10.13.2021	
Drawn by	CM	
Checked by	Checker	
		Scale 1/4" = 1'-0"



① GRADE  
1/4" = 1'-0"

② MANIFOLD DETAIL  
1/4" = 1'-0"

③ GEOTHERMAL SYSTEM



**SAIT**

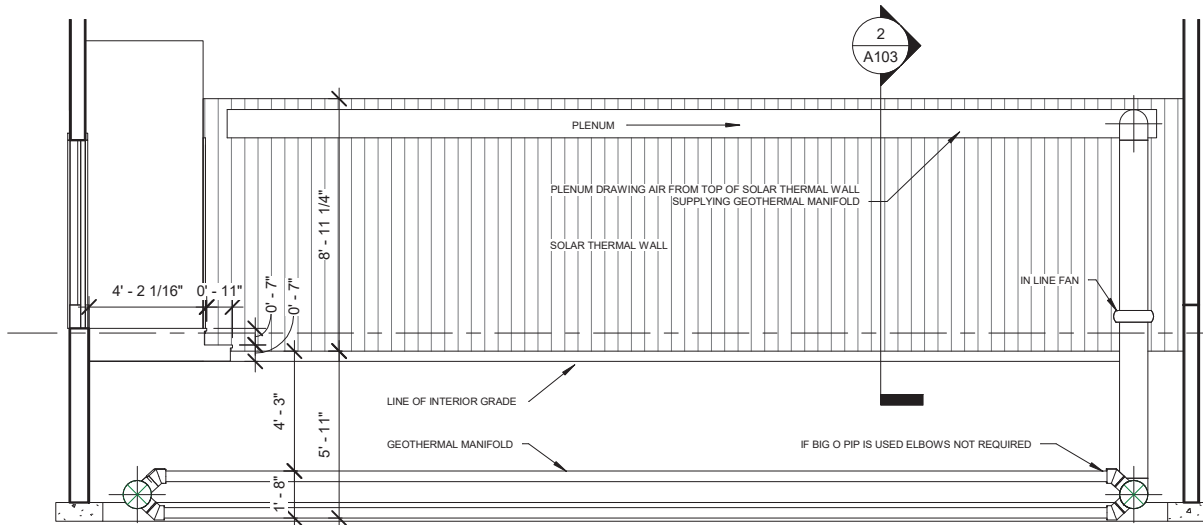
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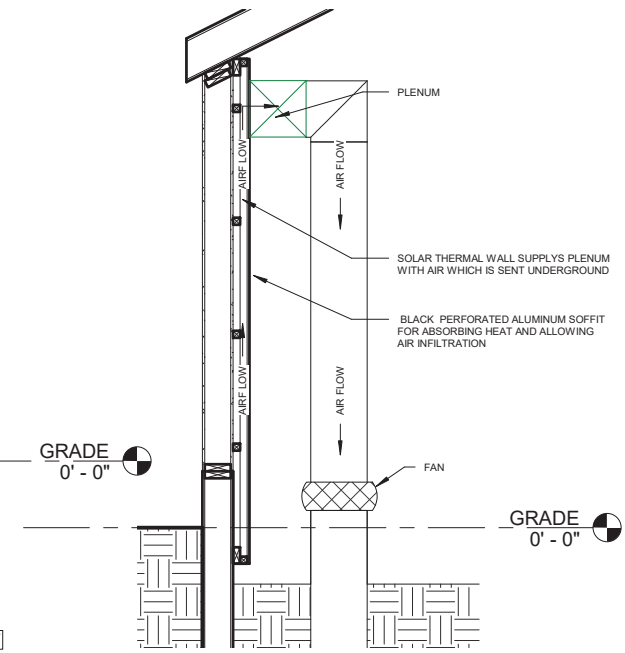
**Red Deer Greenhouse**

No.	Description	Date

GEOTHERMAL SYSTEM PLAN		
Project number	Project Number	A102B
Date	10.13.2021	
Drawn by	CM	Scale 1/4" = 1'-0"
Checked by	Checker	



① SOLAR THERMAL SECTION  
1/4" = 1'-0"



② SOLAR WALL SECTION  
1/2" = 1'-0"



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Red Deer Greenhouse

No.	Description	Date

GEOTHERMAL SECTION

Project number	Project Number	<b>A103</b>
Date	10.13.2021	
Drawn by	Author	
Checked by	Checker	
		Scale As indicated

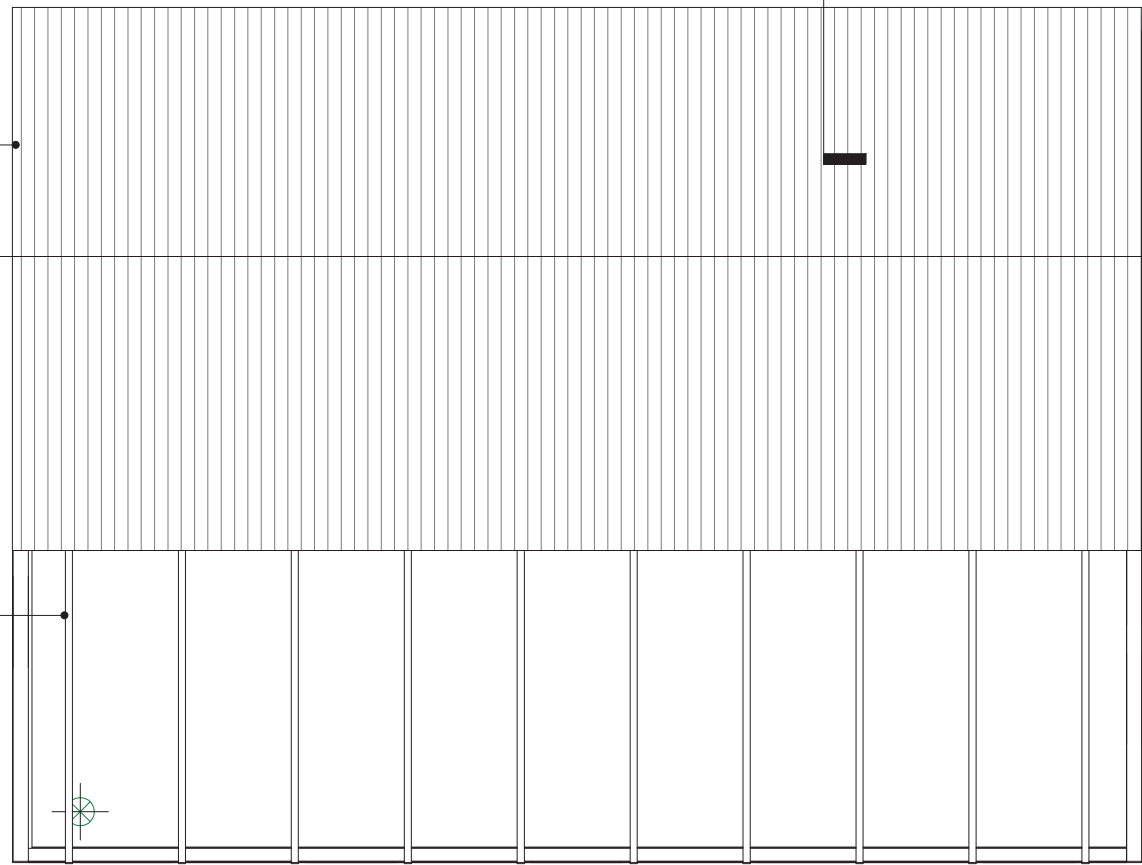
- R1    **INSULATED SIP ROOF**
- METAL ROOF PANEL
- ROOF MEMBRANE
- SIP PANEL
  
- R2    **GREENHOUSE ROOF**
- POLYCARBONATE ROOFING PANEL
- 2X4 STRAPPING
- RAFTERS SEE ENG SPEC FOR SIZING

R1

1  
A103

R2

2  
A103



① ROOF PLAN  
1/4" = 1'-0"

40' - 0"



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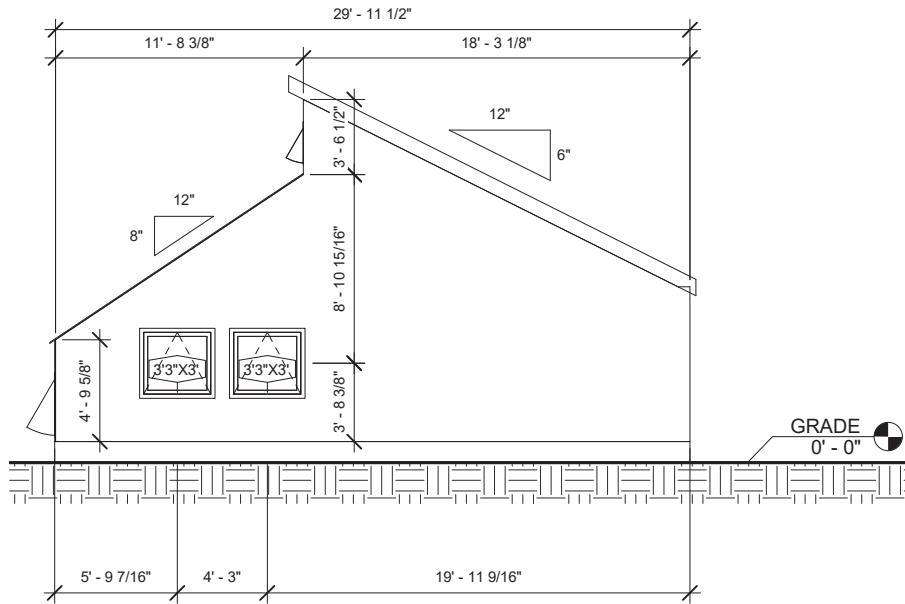
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Red Deer Greenhouse

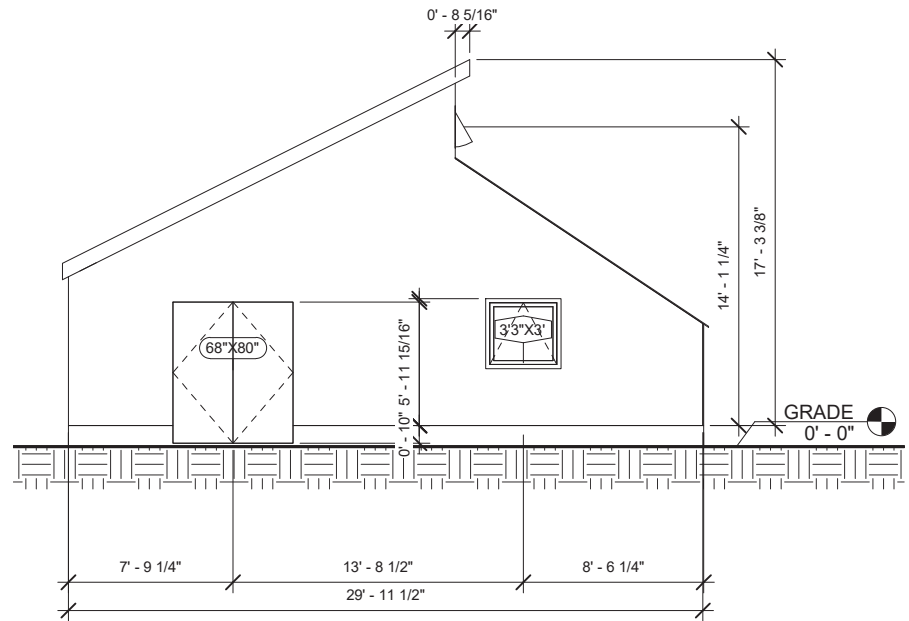
No.	Description	Date

ROOF PLAN

Project number	Project Number	<b>A104</b>
Date	10.13.2021	
Drawn by	CM	
Checked by	Checker	
		Scale 1/4" = 1'-0"



① ELEVATION E  
3/16" = 1'-0"



② ELEVATION W  
3/16" = 1'-0"



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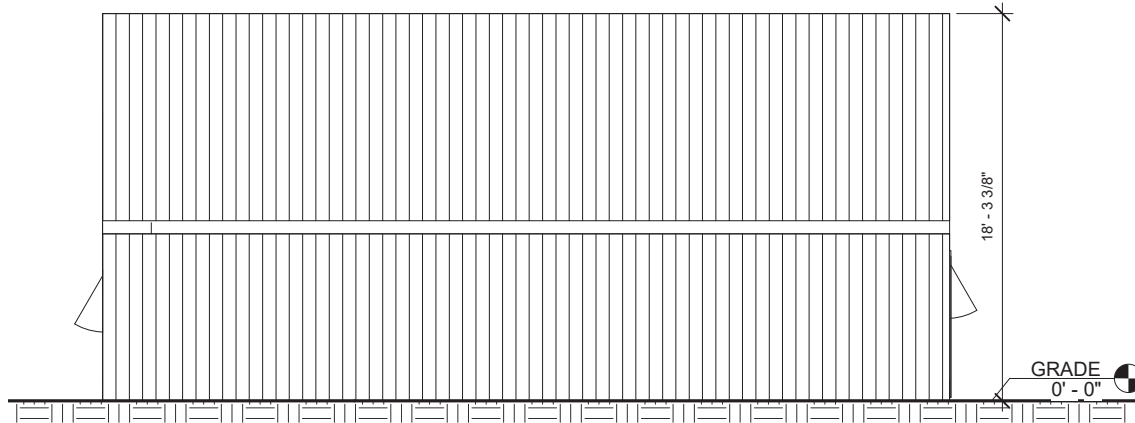
### Red Deer Greenhouse

No.	Description	Date

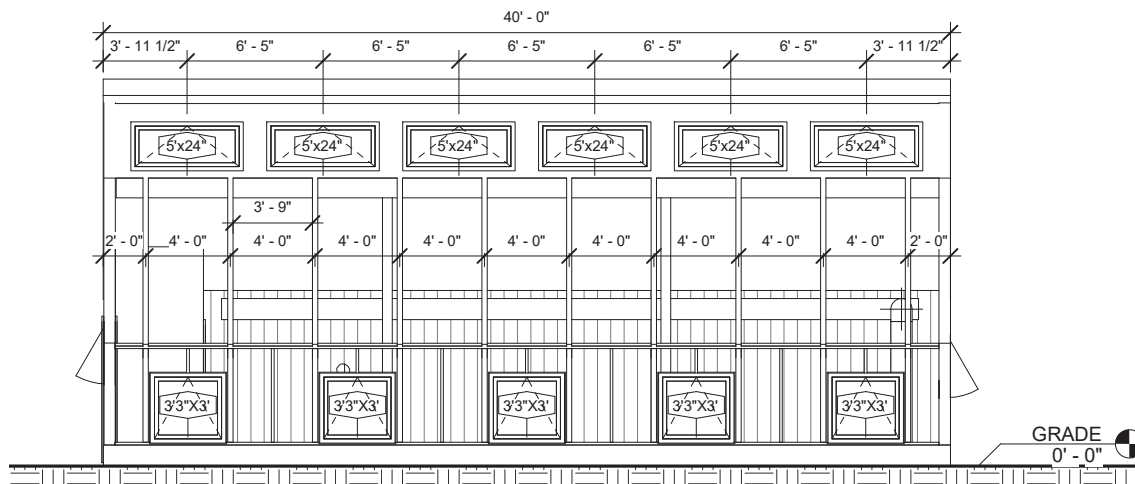
### EAST AND WEST ELEVATION

Project number	Project Number	<b>A105</b>
Date	10.13.2021	
Drawn by	CM	
Checked by	Checker	
		Scale 3/16" = 1'-0"

① ELEVATION N  
3/16" = 1'-0"



② ELEVATION S  
3/16" = 1'-0"



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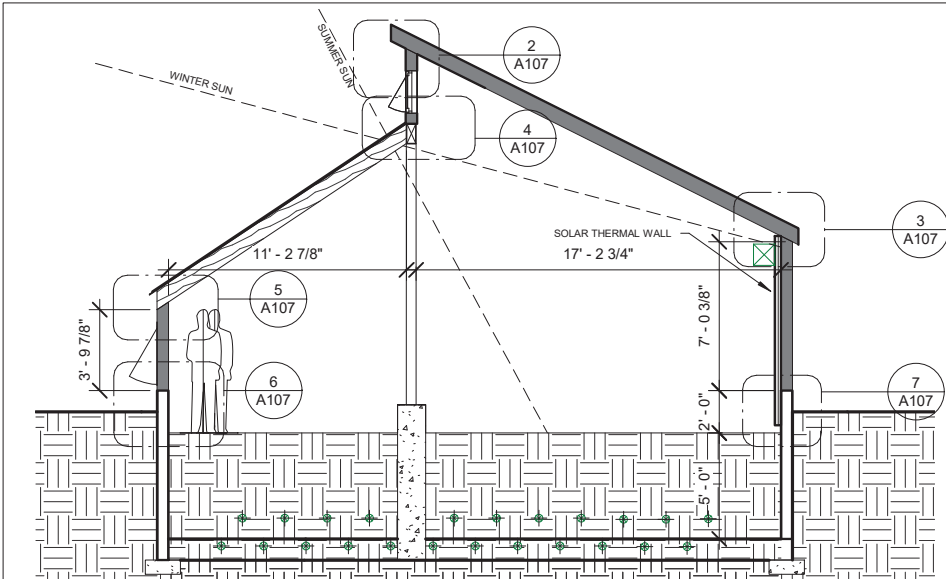
### Red Deer Greenhouse

No.	Description	Date

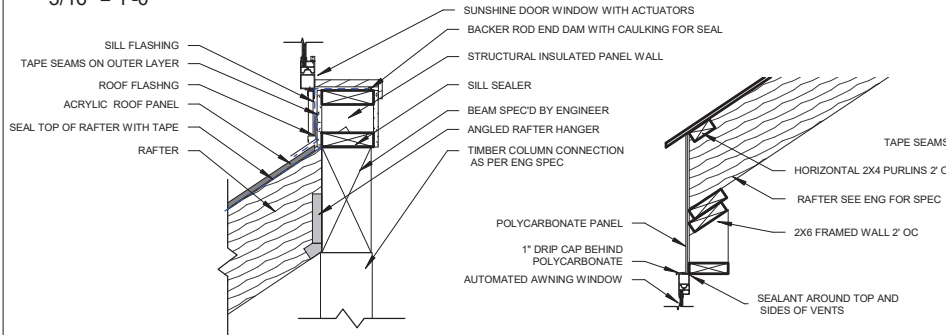
### NORTH & SOUTH ELEVATION

Project number	Project Number	<b>A106</b>
Date	10.13.2021	
Drawn by	CM	
Checked by	Checker	
		Scale 3/16" = 1'-0"

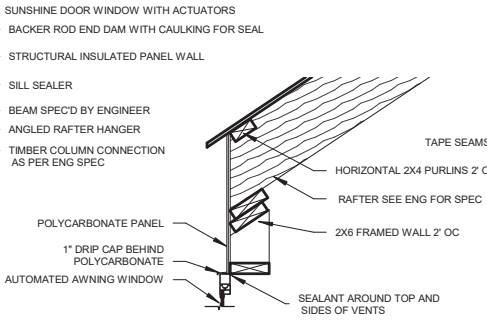




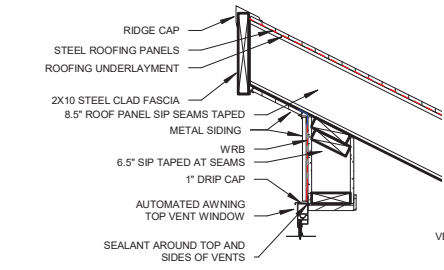
1 Section 1  
3/16" = 1'-0"



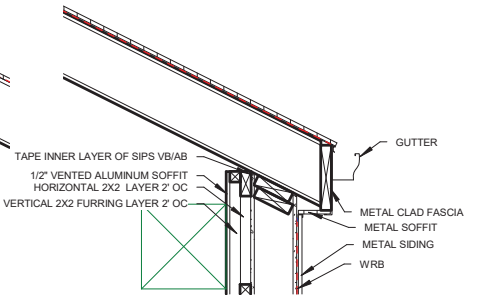
4 BEAM TO WALL CONNECTION  
1" = 1'-0"



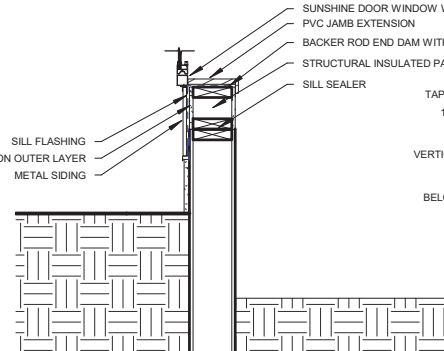
5 SOUTH WALL TO ROOF  
3/4" = 1'-0"



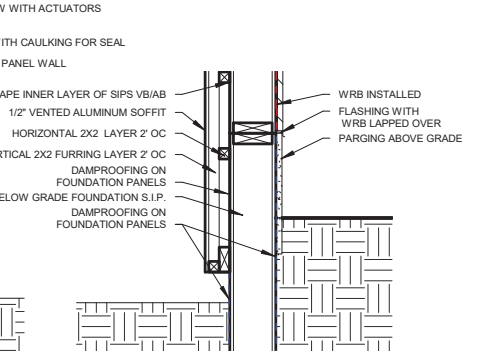
2 CS WALL TO ROOF  
3/4" = 1'-0"



3 WALL TO ROOF  
3/4" = 1'-0"



6 SOUTH FOUNDATION  
3/4" = 1'-0"



7 FOUNDATION TO WALL  
3/4" = 1'-0"



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Red Deer Greenhouse

No.	Description	Date

SECTIONS AND DETAILS

Project number	Project Number	<b>A107</b>
Date	10.13.2021	
Drawn by	Author	
Checked by	Checker	
		Scale As indicated

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