

# PINE VIEW BUILDINGS LLC.

**BARN TIMBER SHED  
INTERMEDIATE WIND DESIGN  
933 TOMLIN MILL RD.  
STATESVILLE, NC. 28625  
M & A PROJECT NO. 19212S/20146S**



## DESIGN CRITERIA

1. APPLICABLE DESIGN CODES:
  - A. 2018 NORTH CAROLINA STATE BUILDING CODE
  - B. 2018 INTERNATIONAL BUILDING CODE (IBC)
  - C. 2015 AND 2012 IBC
2. WIND VELOCITY (3-SEC GUST) 105-145 MPH
3. RISK CATEGORY I
4. WIND EXPOSURE C
5. INTERNAL PRESSURE COEFFICIENT ±0.18
6. ENCLOSURE CLASSIFICATION ENCLOSED
7. BASED ON EAVE HEIGHT 8 FEET
8. OVERHANG NO
9. FLOOR DESIGN LIVE LOAD (UNIFORM) 50 PSF
10. FLOOR DESIGN LIVE LOAD (CONCENTRATED) 200 LB
11. FLOOR DESIGN DEAD LOAD 10 PSF
12. ROOF DESIGN LIVE LOAD 20 PSF
13. ROOF DESIGN DEAD LOAD SELF WEIGHT
14. LOFT DESIGN LIVE LOAD 10 PSF
15. LOFT DESIGN DEAD LOAD 10 PSF
16. GROUND SNOW LOAD 35 PSF
17. SEISMIC LOAD:
  - A. SOIL SITE CLASS D
  - B. RISK CATEGORY I
  - C. R = 6.5
  - D.  $S_{DS} = 2.039 G$
  - E.  $S_{DI} = 1.258 G$
  - F.  $I_E = 1.0$
  - G.  $V = C_{sW}$

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**MOORE AND ASSOCIATES  
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STATESVILLE, NC 28625

SHEET NO  
**G-1**

SCALE:  
AS NOTED

REV. 1




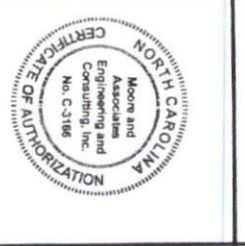





DATE:  
5-18-20


M&A JOB NO. 20146S

CHECKED BY: PJH

DRAWN BY: AT

REL	DATE	REVISION	BY		CHK. APVD.	
			LT	PDH	LT	VSN
0	10-7-19	ISSUED FOR CONSTRUCTION				
1	6-15-20	ISSUED FOR CONSTRUCTION				

<b>G-2</b> SHEET NO.	<b>PINE VIEW BUILDINGS LLC.</b>		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING	<b>MOORE AND ASSOCIATES</b> <b>ENGINEERING AND CONSULTING, INC.</b>					
	BARN TIMBER SHED 933 TOMLIN MILL RD. STATESVILLE, NC 28625			1009 East Avenue North Augusta, South Carolina 29841 (803) 279-7799 / FAX (803) 279-3848 www.MandA-inc.com					
REV. 1	SCALE: AS NOTED	M&A JOB NO. 20146S	This document is the property of Moore and Associates, Inc. The unauthorized reproduction, copying, or otherwise use of this document is strictly prohibited and any infringement thereupon may be subject to legal action.	NO.	DATE	REVISION	BY	CK.	APVD.
DATE 5-18-20	DRAWN BY: AT	CHECKED BY: PDH		0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PDH	VSM
				1	6-15-20	ISSUED FOR CONSTRUCTION	AT	PDH	VSM

**GENERAL NOTES:**

1. THIS STRUCTURE WAS DESIGNED IN ACCORDING WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC), 2015 IBC, 2012 IBC AND THE 2018 NORTH CAROLINA STATE BUILDING CODE.
2. ALL MATERIALS AND LABOR SHALL BE IN ACCORDANCE WITH THE ABOVE CODE AND ALL OTHER APPLICABLE LOCAL CODES AT THE TIME OF MANUFACTURE.
3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. MEMBER SPACING SHALL NOT EXCEED LIMITS AS INDICATED.
5. ALL LUMBER SHALL CONSIST OF MINIMUM NO. 2 SPRUCE PINE FIR (SPF).
6. ROOF RAFTERS SHALL CONSIST OF NOMINAL 2x4 SPF SPACED AT 24' O.C.
7. WALL STUDS SHALL CONSIST OF NOMINAL 2x4 SPF SPACED AT 16' O.C.
8. FLOOR JOISTS SHALL CONSIST OF PRESSURE TREATED NOMINAL 2x6 OR (2) 2x4 NO. 2 SPF SPACED AT 16' O.C. MAXIMUM.
9. RIM JOISTS SHALL CONSIST OF PRESSURE TREATED NOMINAL 2x6 NO. 2 SPF.
10. BOTTOM PLATES SHALL CONSIST OF NOMINAL 2x4 SPF.
11. PULLING BOARDS SHALL CONSIST OF (2) PRESSURE TREATED NOMINAL 2x6 NO. 2 SPF.
12. SKIDS SHALL CONSIST OF PRESSURE TREATED NOMINAL 4x6 SPF.
13. ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA USE CATEGORY UC4B (GROUND CONTACT, HEAVY DUTY) SKIDS.
14. ALL THE FOLLOWING LUMBER SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA USE CATEGORY UC3B (EXTERIOR ABOVE GROUND, UNCOATED OR POOR WATER RUNOFF): FLOOR JOISTS, RIM JOIST, PULLING BOARDS, PLYWOOD FLOOR DECKING, AND EXTERIOR RATED WOOD STRUCTURAL PANEL SIDING. ANY STRUCTURAL WOOD ABOVE 8' FROM GROUND ELEVATION NEED NOT BE REQUIRED TO BE PRESSURE TREATED.
15. ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED (G185) OR STAINLESS STEEL.
16. ALL WINDOWS WITHIN 24" OF DOORS AND ALL GLASS IN DOORS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET.
17. UNDERLAYMENT SHALL CONFORM WITH SECTION 1507.2.3.
18. ASPHALT SHINGLES SHALL CONFORM WITH SECTION 1507.2.5. ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH 1507.2.7.
19. FASTENERS FOR ASPHALT SHINGLES CONFORM TO SECTION 1507.2.6.
20. TIE-DOWNS SHALL MEET THE REQUIREMENTS OF ALL APPLICABLE CODES.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY AND PLACEMENT OF UNIT TO ENSURE THE INTEGRITY OF THE BUILDING AND ITS COMPONENT PARTS.
23. NO FIELD REVISIONS TO ANY STRUCTURAL COMPONENTS OR DEVIATIONS FROM THESE DRAWINGS SHALL BE MADE.
24. THE OWNER AND THE CONTRACTOR SHALL HOLD HARMLESS THE ENGINEER FROM AND AGAINST ALL LIABILITY CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING LEGAL FEES, ARISING OUT OF OR RESULTING FROM ERRORS OR OMISSIONS IN THE PERFORMANCE OF THE WORK BY THE CONTRACTOR.
25. SECTIONS AND DETAILS ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY AT ALL SIMILAR LOCATIONS, UNLESS OTHER SECTIONS AND DETAILS ARE SPECIFICALLY REFERENCED.
26. REFER TO SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS.
27. WALL PANELS SHALL CONSIST OF MINIMUM 3/8" LP SMARTSIDE SHEATHING PANELS.
28. FASTENERS IN SHEATHING PANEL SIDING MUST NOT BE INSTALLED IN PANEL SIDING GROOVES IN THE FIELD OF THE PANEL SIDING OR WHEN THE PANEL SIDING GROOVES OCCUR AT CUT EDGES OF THE PANEL SIDING.
29. MAXIMUM OPENINGS WIDTHS MUST COMPLY WITH DESIGN RATIOS AS PER ANS/AF & PA SDPWS-2008.
30. FLOOR DECKING SHALL CONSIST OF MINIMUM 5/8" OSB BY HUBER-PERFORMAX.
31. ROOF DECKING SHALL CONSIST OF 7/16" OSB.
32. PROVIDE EDGE SUPPORT TO ALL STRUCTURAL PANELS ON THE ROOF, FLOOR AND WALLS.
33. UNLESS NOTED OTHERWISE, ATTACH ALL MANUFACTURED PRODUCTS IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS

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MIA JOB NO. 20146S

CHECKED BY: PJH

SHEET #  
**S-1**

REV. 1

DATE:  
5-18-20

NO.	DATE	REVISION	BY	CHK	APVD.
0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PJH	VSH
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**FASTENING SCHEDULE**

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
ROOF		
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3-8d COMMON (2 1/2"x0.131") 3-10d BOX (3"x0.128"); OR 3-3"x0.131" NAILS 3-3"-14 GAUGE STAPLES, 7/16" CROWN	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON (2 1/2"x0.131") 2-3"x0.131" NAILS 2-3"-14 GAUGE STAPLES	EACH END, TOENAIL
	2-16d COMMON (3 1/2"x0.135") 3-3"x0.131" NAILS 3-3"-14 GAUGE STAPLES	END NAIL
FLAT BLOCKING TO TRUSS AND WEB FILLER	16d COMMON (3 1/2"x0.162") AT 6" O.C. 3"x0.131" NAILS AT 6" O.C. 3"-14 GAUGE STAPLES AT 6" O.C.	FACE NAIL
2. RAFTER OR ROOF TRUSS TO TOP PLATE	3-10d COMMON (3"x0.148"); OR 3-16d BOX (3 1/2"x0.135"); OR 4-10d BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3"-14 GAUGE STAPLES, 7/16" CROWN	TOENAIL <sup>D</sup>
WALL		
3. STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2"x0.162"); 10d BOX (3"x0.128"); OR 3"x0.131" NAILS; OR 3-3"-14 GAUGE STAPLES, 7/16" CROWN	24" O.C. FACE NAIL 16" O.C. FACE NAIL
4. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON (3 1/2"x0.162") OR 16d BOX (3 1/2"x0.135"); OR 3"x0.131" NAILS; OR 3-3"-14 GAUGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL 12" O.C. FACE NAIL 12" O.C. FACE NAIL
5. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON (3 1/2"x0.162"); OR 16d BOX (3 1/2"x0.135")	16" O.C. EACH EDGE, FACE NAIL 12" O.C. EACH EDGE, FACE NAIL
6. TOP PLATE TO TOP PLATE	16d COMMON (3 1/2"x0.162") OR 10d BOX (3"x0.128"); OR 3"x0.131" NAILS; OR 3"-14 GAUGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL 12" O.C. FACE NAIL
7. TOP PLATE TO TOP PLATE, AT END JOINTS	8-16d COMMON (3 1/2"x0.162"); OR 12-10d BOX (3"x0.128"); OR 12-3"x0.131" NAILS; OR 12-3"-14 GAUGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
8. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2"x0.162"); OR 16d BOX (3 1/2"x0.135"); OR 3"x0.131" NAILS; OR 3" 14 GAUGE STAPLES; 7/16" CROWN	16" O.C. FACE NAIL 12" O.C. FACE NAIL
9. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING AT BRACED WALL PANELS	2-16d COMMON (3 1/2"x0.162"); OR 3-16d BOX (3 1/2"x0.135"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAUGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
10. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON (2 1/2"x0.131"); OR 4-10d BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAUGE STAPLES, 7/16" CROWN	TOENAIL
	2-16d COMMON (3 1/2"x0.162"); OR 3-10d BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAUGE STAPLES, 7/16" CROWN	END NAIL

(CONTINUED)

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**PINE VIEW BUILDINGS LLC.**

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STATESVILLE, NC 28625



REV. 1	SCALE: AS NOTED	MLA JOB NO. 201465	CHECKED BY: PJH
DATE: 5-18-20	DRAWN BY: AT		

NO.	DATE	REVISION	BY	DC	APVD.
0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PIH	WSM
1	6-15-20	ISSUED FOR CONSTRUCTION	AT	PIH	WSM

FASTENING SCHEDULE			
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
11. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON (3 1/2"x0.162"); OR 3-10d BOX (3"x0.128"); OR 3-3"x0.131" NAILS; OR 3-3" 14 GAUGE STAPLES, 7/16" CROWN	FACE NAIL	
FLOOR			
12. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON (2 1/2"x0.131"); OR 10d BOX (3"x0.128") OR 3"x0.131" NAILS; OR 3" 14 GAUGE STAPLES, 7/16" CROWN	6' O.C. TOENAIL	
13. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON (3 1/2"x0.162"); OR 4-10d BOX (3"x0.128"); OR 4-3"x0.131" NAILS; OR 4-3" 14 GAUGE STAPLES, 7/16" CROWN	END NAIL	
14. BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2-8d COMMON (2 1/2"x0.131"); OR 2-10d BOX (3"x0.128"); OR 2-3"x0.131" NAILS; OR 2-3" 14 GAUGE STAPLES, 7/16" CROWN	EACH END, TOENAIL	
WOOD STRUCTURAL PANELS (WSP), SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING			
		EDGES (INCHES)	INTERMEDIATE SUPPORTS (INCHES)
15. 3/8"	8d BOX OR DEFURMED (2 1/2"x0.113") (ROOF)	6	12

- A. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALL. REFER TO SECTION 2305 NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX OR CASING.
- B. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.

FLOOR LOAD CAPACITY TABLE				
FLOOR JOIST	(2) 2x4-12' O.C.	(2) 2x4-16' O.C.	2x6-12' O.C.	2x6-16' O.C.
MAX. PIER SPACING (SKID BLOCKING)	5'-0" O.C.	5'-0" O.C.	5'-0" O.C.	5'-0" O.C.
5/8" DECKING				
TOTAL FLOOR LOAD (PSF) *	50	50	60	60
POINT LIVE LOAD (LB)	200	200	200	200
3/4" DECKING				
TOTAL FLOOR LOAD (PSF) *	50	50	60	60
POINT LIVE LOAD (LB)	200	200	200	200
LOFTS				
TOTAL FLOOR LOAD (PSF) *	20			
POINT LIVE LOAD (LB)	200			

\* TL= LL+DL; DL=10 PSF

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SHEET  
5-3

REV. 1

DATE:  
5-18-20

SCALE:  
AS NOTED

HMA JOB NO. 201465

DRAWN BY: AT

CHECKED BY: AT

DATE

REVISION

BY CK APVD.

10-7-19

ISSUED FOR CONSTRUCTION

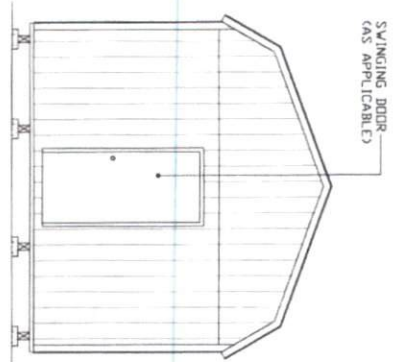
LT PBH

6-15-20

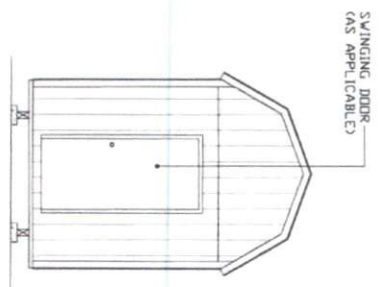
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AT PDH

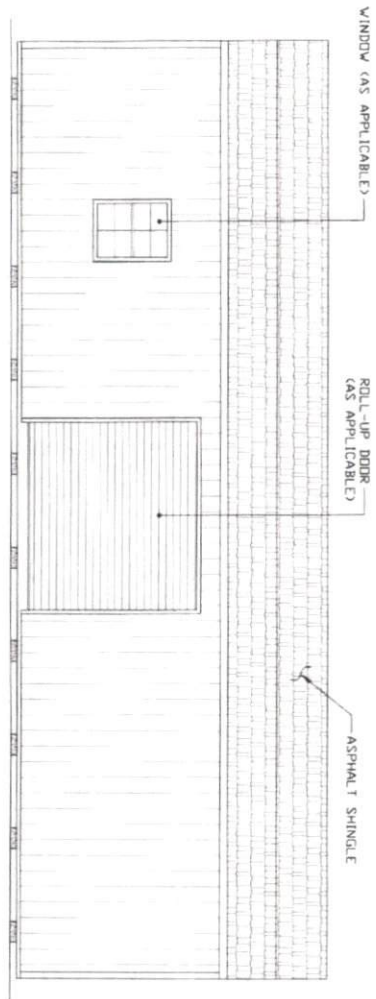
VSH



**TYPICAL FRONT ELEVATION**  
SCALE: 3/16"=1'-0"



**TYPICAL FRONT ELEVATION**  
SCALE: 3/16"=1'-0"



**TYPICAL SIDE ELEVATION**  
SCALE: 3/16"=1'-0"

**S-4**  
SHEET NO.

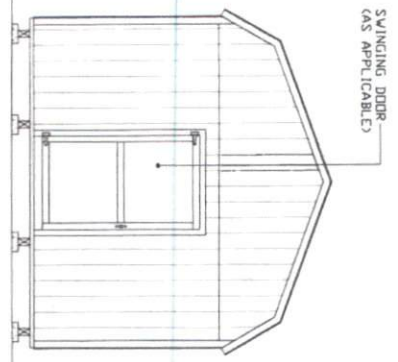
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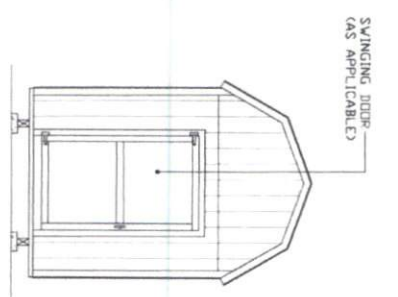
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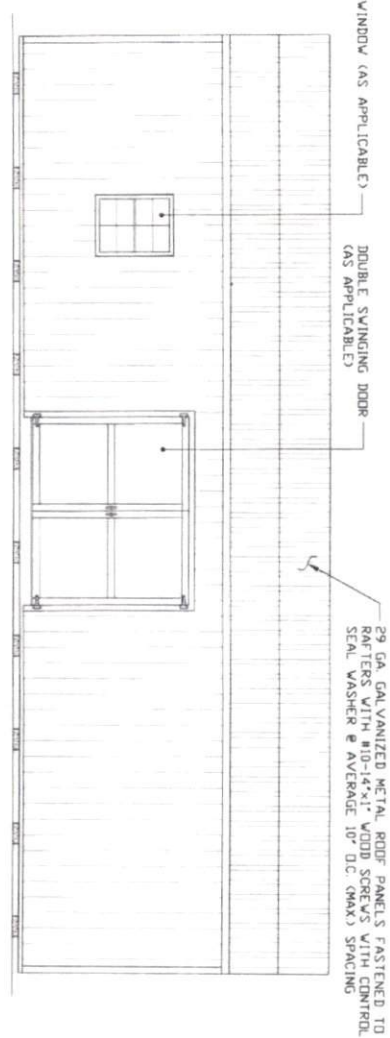
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TYPICAL FRONT ELEVATION  
SCALE: 3/16"=1'-0"



TYPICAL FRONT ELEVATION  
SCALE: 3/16"=1'-0"




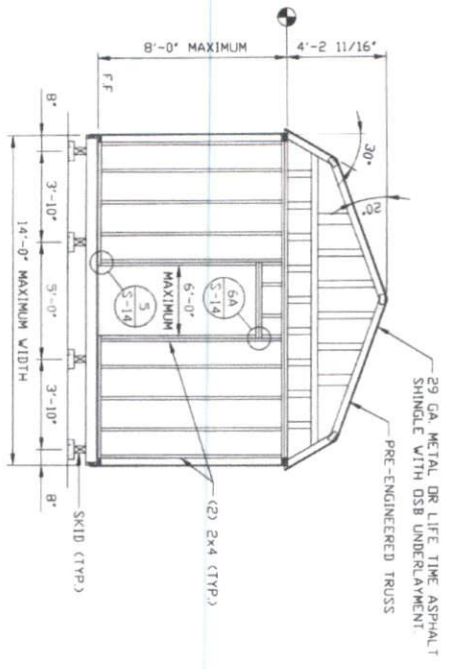
TYPICAL SIDE ELEVATION  
SCALE: 3/16"=1'-0"

29 GA. GALVANIZED METAL ROOF PANELS FASTENED TO RAFTERS WITH #10-14x1" WOOD SCREWS WITH CONTROL SEAL WASHER @ AVERAGE 10" O.C. (MAX) SPACING

DOUBLE SWINGING DOOR (AS APPLICABLE)

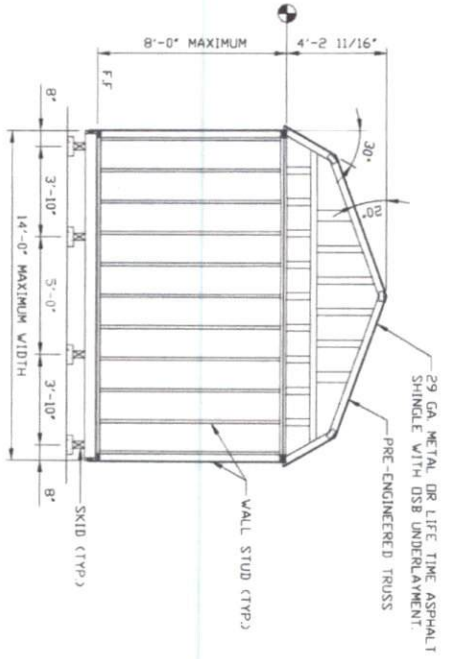
WINDOW (AS APPLICABLE)

<b>S-5</b> SHEET NO.	<b>PINE VIEW BUILDINGS LLC.</b> BARN TIMBER SHED 933 TOMLIN MILL RD. STATESVILLE, NC 28625		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING	<b>MOORE AND ASSOCIATES</b> <b>ENGINEERING AND CONSULTING, INC.</b> 1009 East Avenue North Augusta, South Carolina 29841 (803) 279-7799 / FAX (803) 279-3848 www.MandA-inc.com			
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DATE: 5-18-20 DRAWN BY: AT	CHECKED BY: PDH			NO. 1 DATE 6-15-20	REVISION ISSUED FOR CONSTRUCTION	BY AT CK. PDH APVD. WSM	



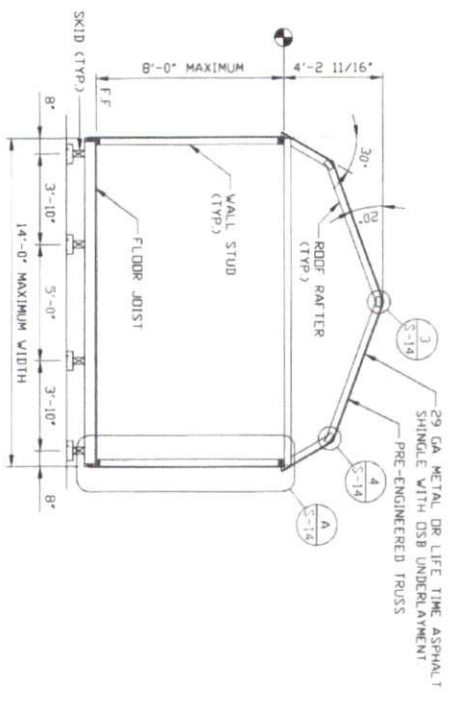
**TYPICAL ENDWALL OPENING FRAMING SECTION**

SCALE: 3/16" = 1'-0"  
 NOTE: FOR ENDWALLS WITH OPENING, MINIMUM OF 3/8" SHEATHING PANELS ARE REQUIRED ON BOTH INTERNAL AND EXTERNAL PORTION OF ENDWALL FRAMING SECTION



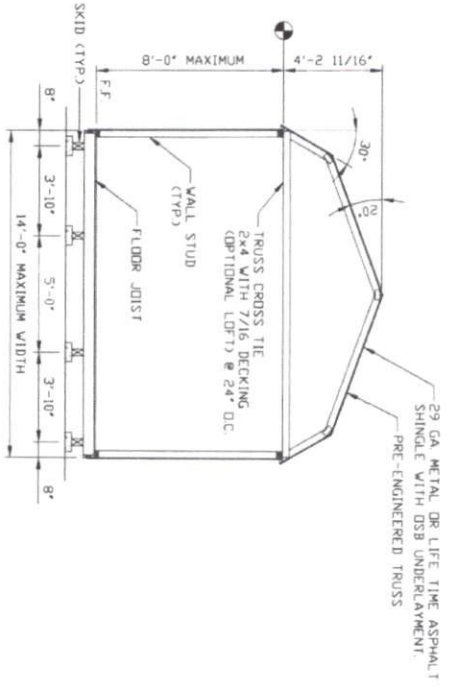
**TYPICAL ENDWALL FRAMING SECTION**

SCALE: 3/16" = 1'-0"




**TYPICAL INTERMEDIATE FRAMING SECTION**

SCALE: 3/16" = 1'-0"

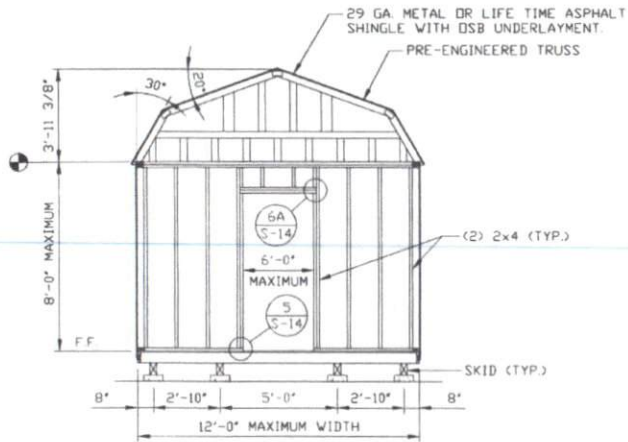


**TYPICAL LOFTED BARN FRAMING SECTION**

SCALE: 3/16" = 1'-0"

<b>S-6</b> SHEET NO.	<b>PINE VIEW BUILDINGS LLC.</b> BARN TIMBER SHED 933 TOMLIN MILL RD. STATESVILLE, NC 28625		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING	<b>MOORE AND ASSOCIATES</b> <b>ENGINEERING AND CONSULTING, INC.</b> 1009 East Avenue North Augusta, South Carolina 29841 (803) 279-7799 / FAX (803) 279-3848 www.MandA-inc.com																		
	REV. 1 DATE: 5-18-20	SCALE: AS NOTED DRAWN BY: AT		M&A JOB NO. 20146S CHECKED BY: PDH	This document is the property of Moore and Associates, Inc. The unauthorized reproduction, copying, or otherwise use of this document is strictly prohibited and any infringement thereupon may be subject to legal action.	<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> <th>CK.</th> <th>APVD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10-7-19</td> <td>ISSUED FOR CONSTRUCTION</td> <td>LT</td> <td>PDH</td> <td>WSM</td> </tr> <tr> <td>1</td> <td>6-15-20</td> <td>ISSUED FOR CONSTRUCTION</td> <td>AT</td> <td>PDH</td> <td>WSM</td> </tr> </tbody> </table>	NO.	DATE	REVISION	BY	CK.	APVD.	0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PDH	WSM	1	6-15-20	ISSUED FOR CONSTRUCTION	AT
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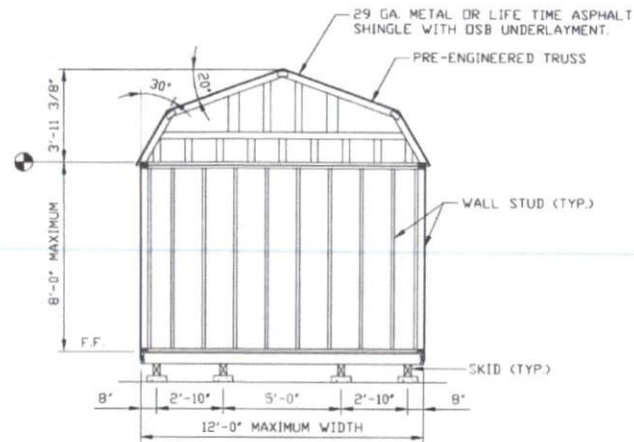




**TYPICAL ENDWALL OPENING FRAMING SECTION**

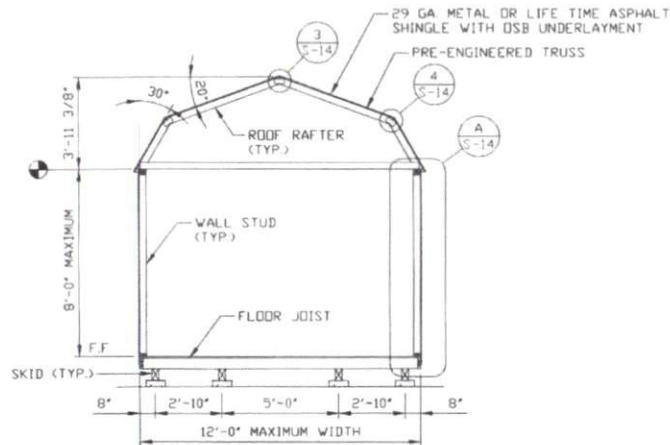
SCALE: 3/16" = 1'-0"

NOTE: FOR ENDWALLS WITH OPENING, MINIMUM OF 3/8" SHEATHING PANELS ARE REQUIRED ON BOTH INTERNAL AND EXTERNAL PORTION OF ENDWALL FRAMING SECTION.



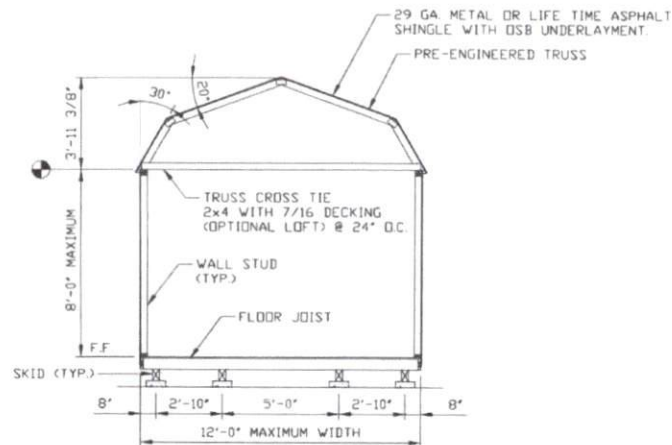
**TYPICAL ENDWALL FRAMING SECTION**

SCALE: 3/16" = 1'-0"



**TYPICAL INTERMEDIATE FRAMING SECTION**

SCALE: 3/16" = 1'-0"



**TYPICAL LOFTED BARN FRAMING SECTION**

SCALE: 3/16" = 1'-0"

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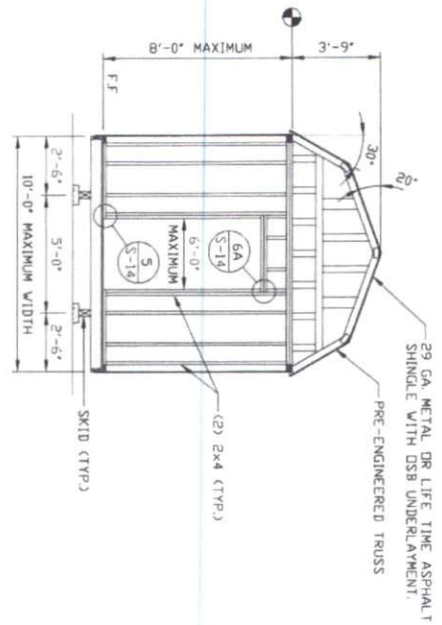
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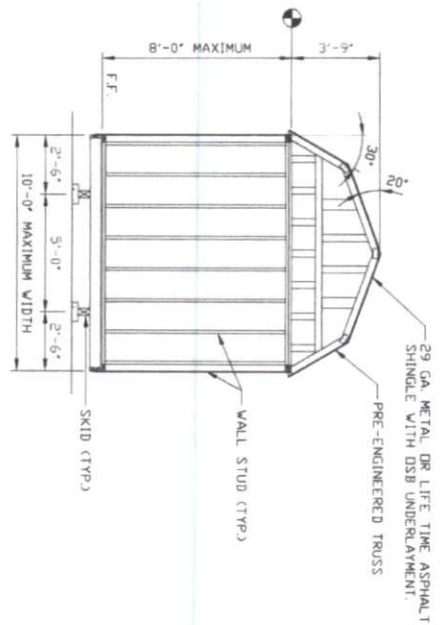
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SHEET #  
**5-7**



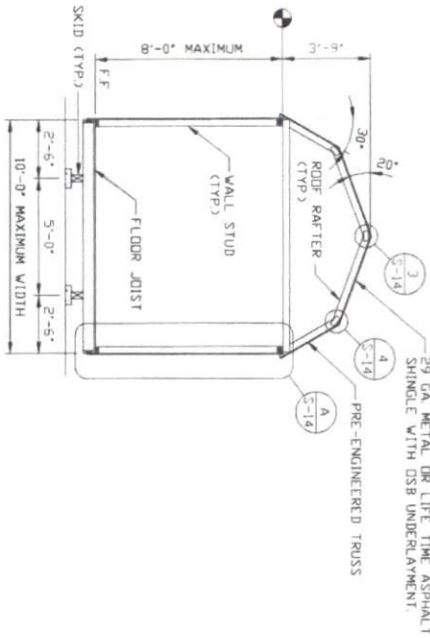
**TYPICAL ENDWALL OPENING FRAMING SECTION**

SCALE: 3/16" = 1'-0"  
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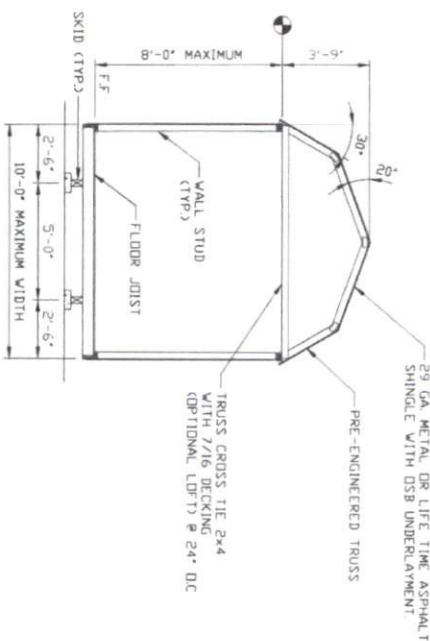
**TYPICAL ENDWALL FRAMING SECTION**

SCALE: 3/16" = 1'-0"



**TYPICAL INTERMEDIATE FRAMING SECTION**

SCALE: 3/16" = 1'-0"



**TYPICAL LOFTED BARN FRAMING SECTION**

SCALE: 3/16" = 1'-0"

**S-8**  
SHEET NO.

**PINE VIEW BUILDINGS LLC.**

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M&A JOB NO. 20146S

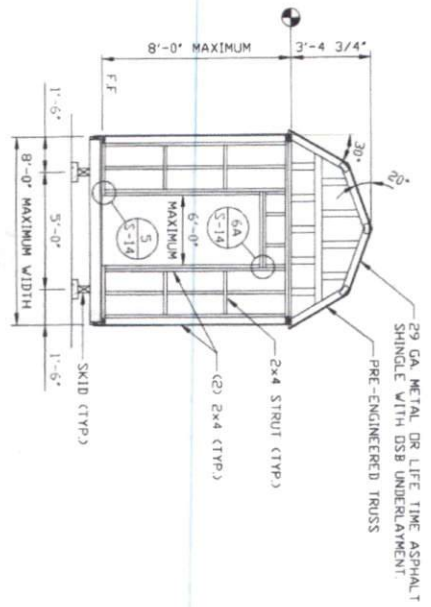
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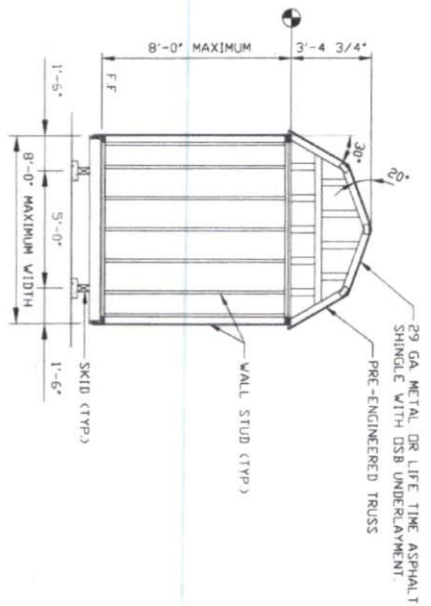
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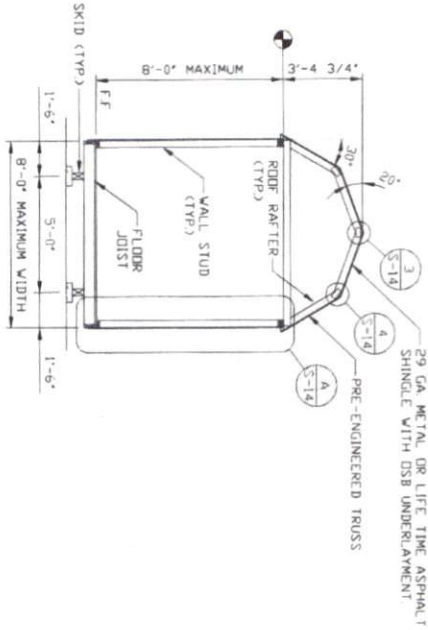
**TYPICAL ENDWALL OPENING FRAMING SECTION**

SCALE: 3/16" = 1'-0"  
 NOTE: FOR ENDWALLS WITH OPENING, MINIMUM OF 3/8" SHEATHING PANELS ARE REQUIRED ON BOTH INTERNAL AND EXTERNAL PORTION OF ENDWALL FRAMING SECTION.



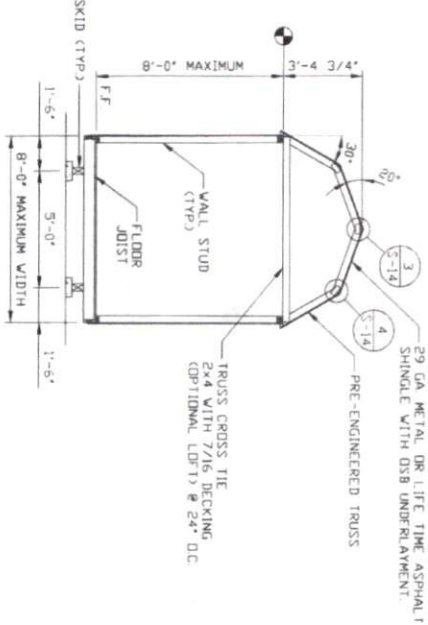
**TYPICAL ENDWALL FRAMING SECTION**

SCALE: 3/16" = 1'-0"




**TYPICAL INTERMEDIATE FRAMING SECTION**

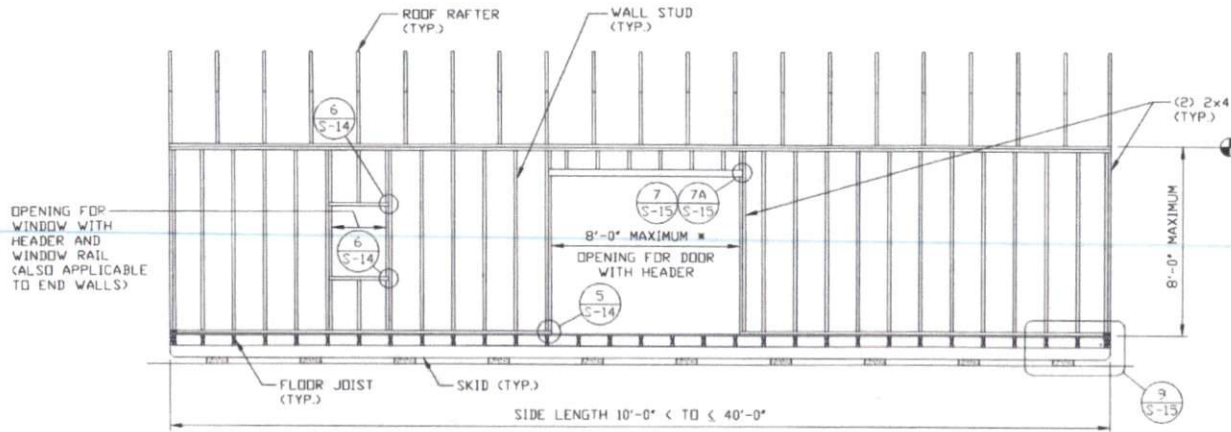
SCALE: 3/16" = 1'-0"



**TYPICAL LOFTED BARN FRAMING SECTION**

SCALE: 3/16" = 1'-0"

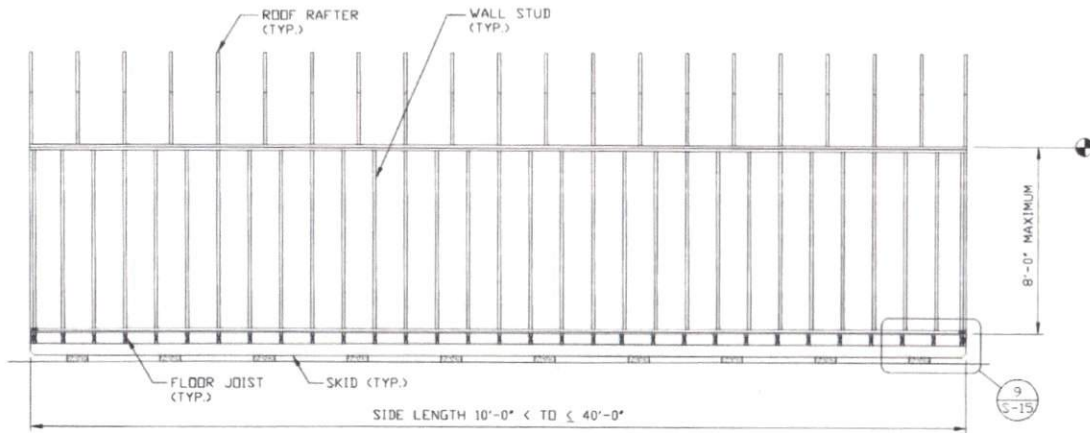
<b>S-9</b> SHEET NO.	<b>PINE VIEW BUILDINGS LLC.</b>		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING	<b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING, INC.																				
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REV. 1	SCALE: AS NOTED	M&A JOB NO. 20146S	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> <th>CK.</th> <th>APVD.</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>10-7-19</td> <td>ISSUED FOR CONSTRUCTION</td> <td>LT</td> <td>PDH</td> <td>WSM</td> </tr> <tr> <td>1</td> <td>6-15-20</td> <td>ISSUED FOR CONSTRUCTION</td> <td>AT</td> <td>PDH</td> <td>WSM</td> </tr> </tbody> </table>				NO.	DATE	REVISION	BY	CK.	APVD.	0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PDH	WSM	1	6-15-20	ISSUED FOR CONSTRUCTION	AT	PDH	WSM
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**TYPICAL SIDEWALL OPENING FRAMING SECTION**

SCALE: 3/16" = 1'-0"

\* 6'-0" DOOR FOR 16'-0" LENGTH



**TYPICAL SIDEWALL FRAMING SECTION**

SCALE: 3/16" = 1'-0"

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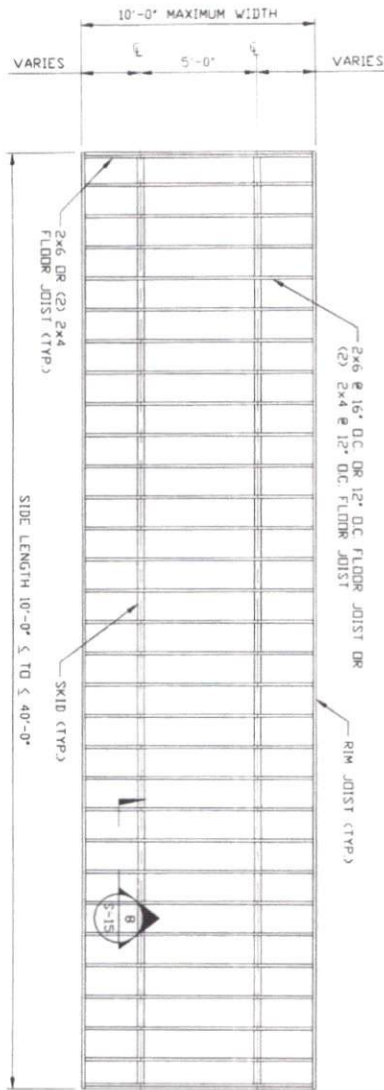
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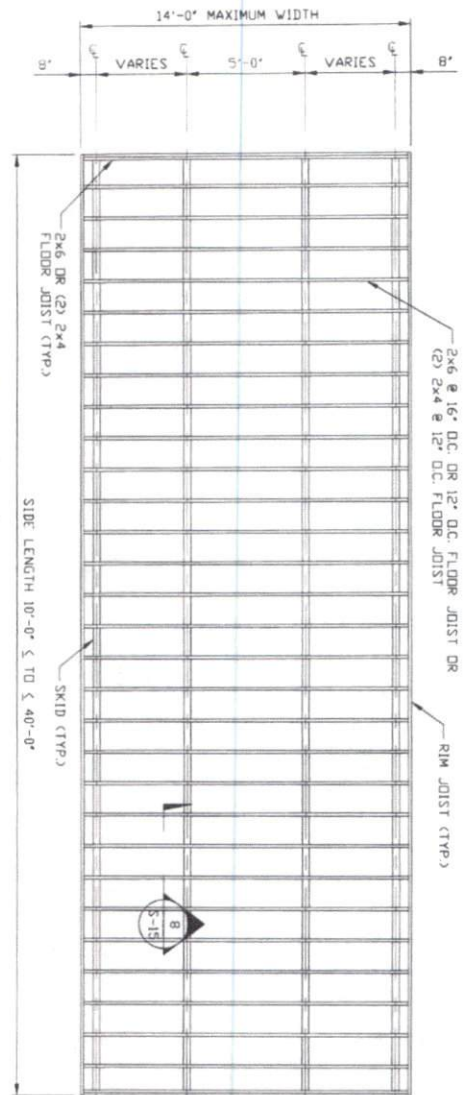
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5-18-20


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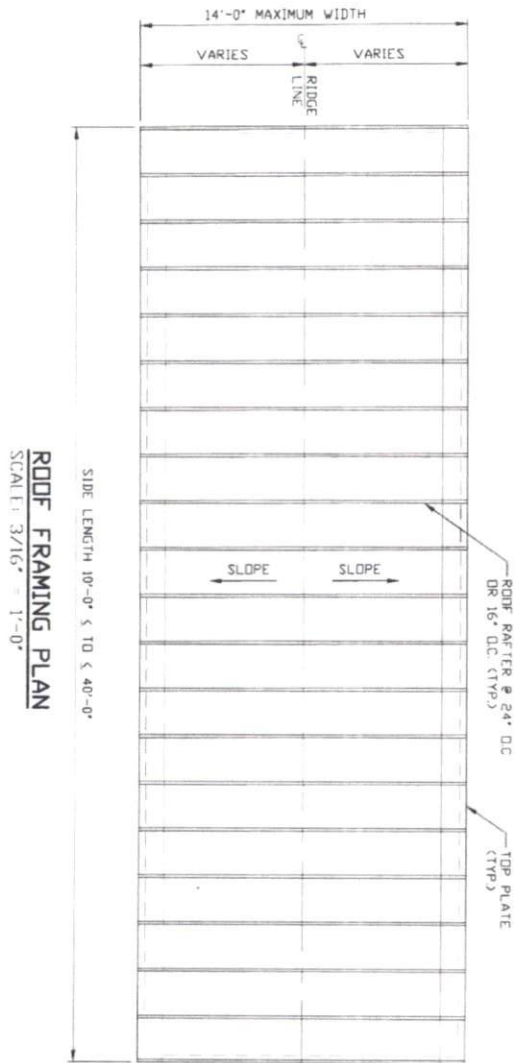


FLOOR FRAMING PLAN FOR BUILDING WIDTHS < 10'-0"  
SCALE: 3/16" = 1'-0"



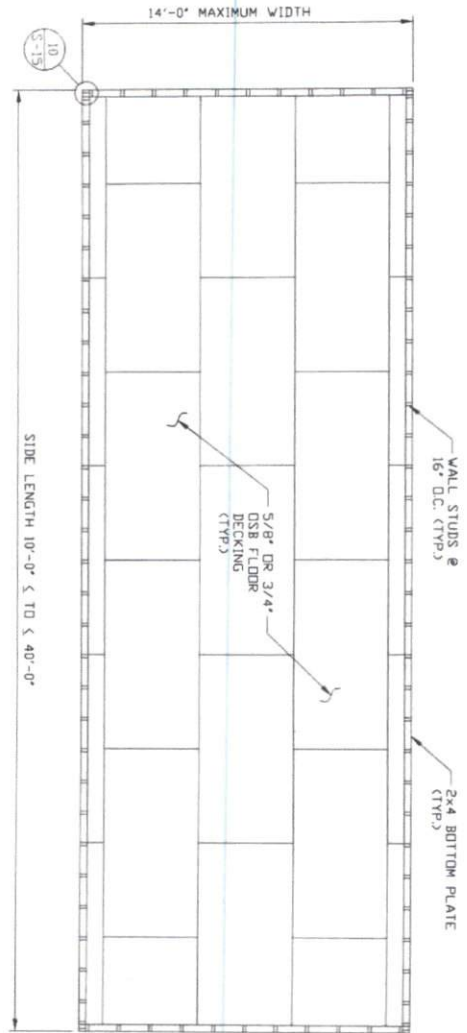
FLOOR FRAMING PLAN FOR BUILDING WIDTHS 10'-0" < TO < 14'-0"  
SCALE: 3/16" = 1'-0"

<b>S-11</b> SHEET NO.	<b>PINE VIEW BUILDINGS LLC.</b> BARN TIMBER SHED 933 TOMLIN MILL RD. STATESVILLE, NC 28625		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING	<b>MOORE AND ASSOCIATES</b> <b>ENGINEERING AND CONSULTING, INC.</b> 1009 East Avenue North Augusta, South Carolina 29841 (803) 279-7799 / FAX (803) 279-3848 www.MandA-inc.com																		
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**ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"

**WALL STUD/FLOOR DECK PLAN**  
SCALE: 3/16" = 1'-0"



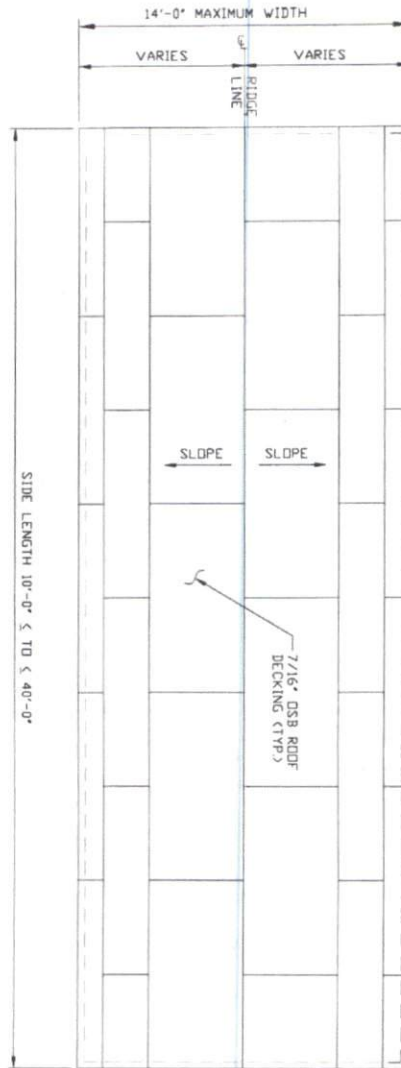
<b>S-12</b> <small>SHEET NO.</small>	<b>PINE VIEW BUILDINGS LLC.</b>	
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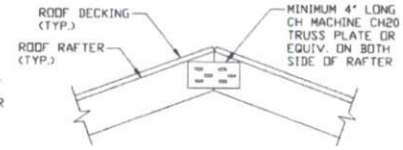
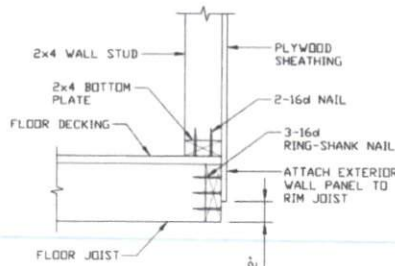
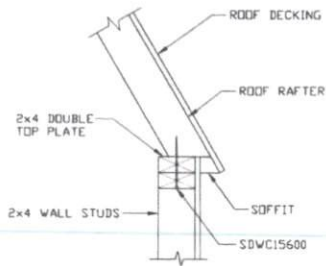
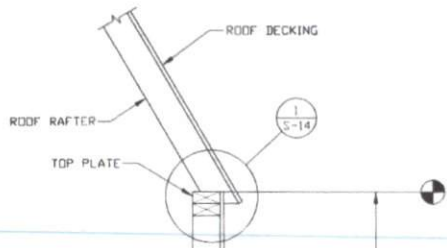
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**ROOF DECK PLAN**  
SCALE: 3/16" = 1'-0"

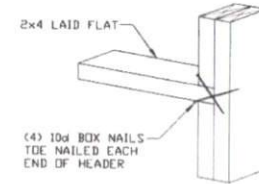
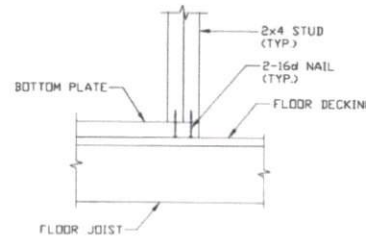
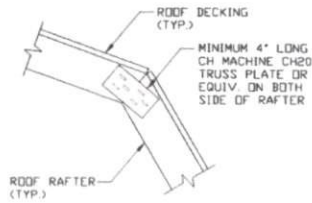
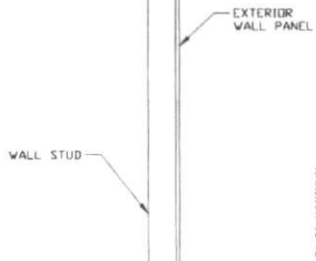
<b>S-13</b> <small>SHEET NO.</small>	<b>PINE VIEW BUILDINGS LLC.</b> BARN TIMBER SHED 933 TOMLIN MILL RD. STATESVILLE, NC 28625		 <b>MOORE AND ASSOCIATES</b> ENGINEERING AND CONSULTING <small>This document is the property of Moore and Associates, Inc. The unauthorized reproduction, copying, or otherwise use of this document is strictly prohibited and any infringement thereupon may be subject to legal action.</small>	<b>MOORE AND ASSOCIATES</b> <b>ENGINEERING AND CONSULTING, INC.</b> 1009 East Avenue North Augusta, South Carolina 29841 (803) 279-7799 / FAX (803) 279-3848 www.MooreA-inc.com				
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**1** RAFTER TO TOP PLATE CONNECTION DETAIL FOR 105 < TO ≤ 145 MPH  
SCALE: NTS

**2** STUD TO BOTTOM PLATE CONNECTION DETAIL  
SCALE: NTS

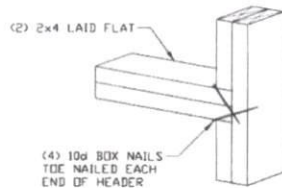
**3** RAFTER SPLICE CONNECTION DETAIL  
SCALE: NTS



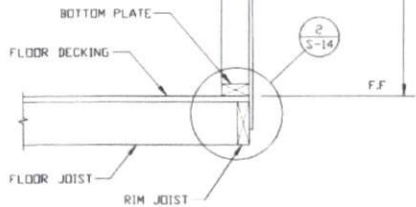
**4** RAFTER SPLICE CONNECTION DETAIL  
SCALE: NTS

**5** STUD TO BOTTOM PLATE CONNECTION DETAIL FOR DOOR OPENING  
SCALE: NTS

**6** WINDOW FRAME OUT MEMBER TO STUD CONNECTION DETAIL  
SCALE: NTS



**6A** ENDWALL HEADER TO STUD CONNECTION DETAIL  
SCALE: NTS



**A** TYPICAL INTERMEDIATE FRAMING CONNECTION DETAIL  
SCALE: NTS

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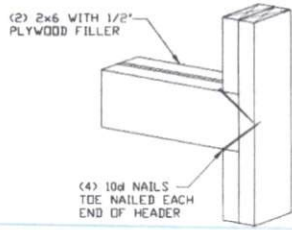
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**S-14**

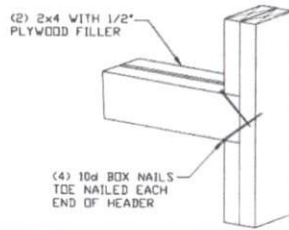
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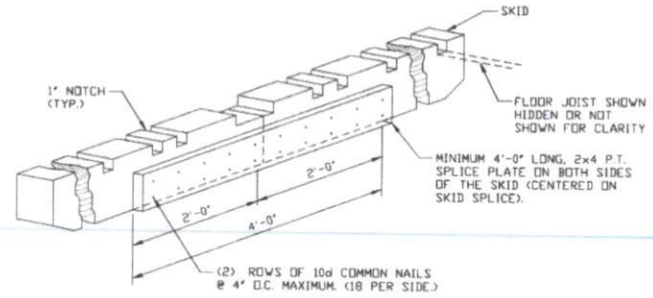




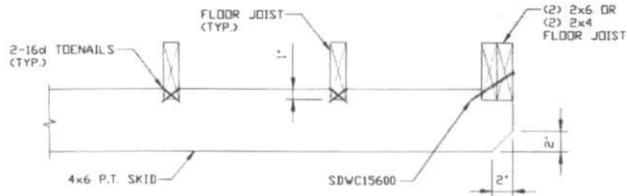
**7** HEADER TO STUD CONNECTION DETAIL  
FOR SPAN 5'-0" < TO <= 8'-0"  
SCALE: NTS



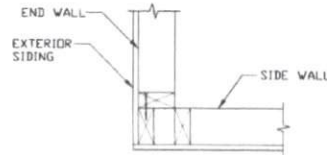
**7A** HEADER TO STUD CONNECTION DETAIL  
FOR SPAN <= 5'-0"  
SCALE: NTS



**8** SKID SPLICE CONNECTION DETAIL  
SCALE: NTS



**9** SKID DETAIL  
SCALE: NTS



**10** CORNER STUD DETAIL  
SCALE: NTS

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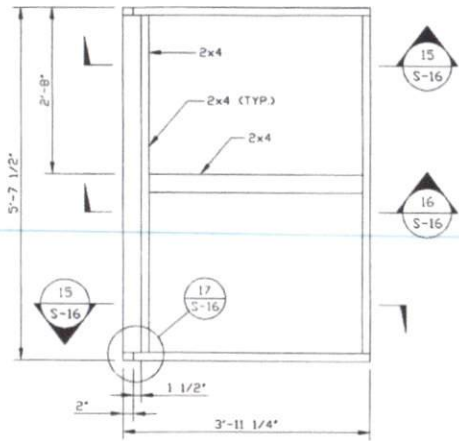
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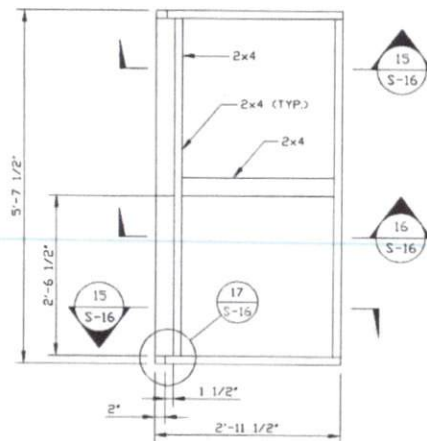
SHEET #  
**9-15**

REV. 1	DATE: 5-18-20
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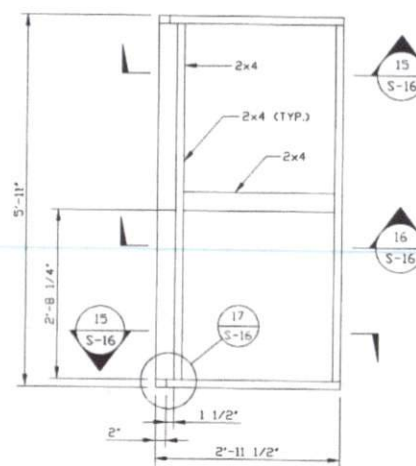
**DOOR ELEVATION FOR  
4 FEET SIDE LOFTED**

SCALE: NTS  
NOTE: 3 HIASB-NW HINGES PER DOOR  
\* DOOR DESIGNED BY OTHERS



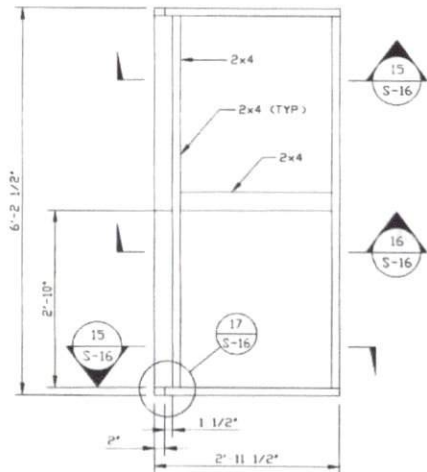
**DOOR ELEVATION FOR  
3 FEET SIDE LOFTED**

SCALE: NTS  
NOTE: 3 HIASB-NW HINGES PER DOOR  
\* DOOR DESIGNED BY OTHERS



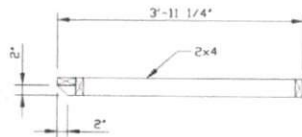
**DOOR ELEVATION FOR  
3 FEET END LOFTED**

SCALE: NTS  
NOTE: 3 HIASB-NW HINGES PER DOOR  
\* DOOR DESIGNED BY OTHERS

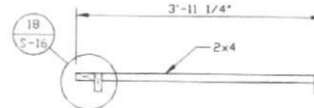


**DOOR ELEVATION FOR  
3 FEET END LOFTED**

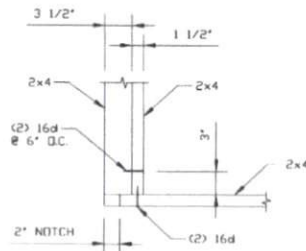
SCALE: NTS  
NOTE: 3 HIASB-NW HINGES PER DOOR  
\* DOOR DESIGNED BY OTHERS



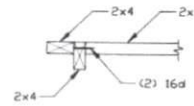
**15 SECTION**  
SCALE: NTS



**16 SECTION**  
SCALE: NTS



**17 SECTION**  
SCALE: NTS



**18 SECTION**  
SCALE: NTS

**MOORE AND ASSOCIATES  
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www.Moore4-inc.com



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**PINE VIEW BUILDINGS LLC.**

BARN TIMBER SHED  
933 TOMLIN MILL RD.  
STATESVILLE, NC 28625

SHEET #  
**S-16**

NO.	DATE	REVISION	BY	CHK.	APVD.
0	10-7-19	ISSUED FOR CONSTRUCTION	LT	PIH	WSH
1	6-15-20	ISSUED FOR CONSTRUCTION	AT	PIH	WSH

SCALE:	HMA JOB NO.	CHECKED BY:
AS NOTED	2014GS	PIH
DATE:	DRAWN BY:	AT
5-18-20	AT	