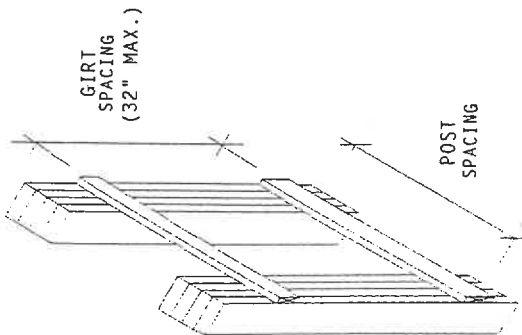


THIS POST HAS BEEN DESIGNED AS A COMPONENT FOR A POST-FRAMED BUILDING WITH THE CRITERIA STATED ON THIS DRAWING. IT IS INTENDED FOR USE AS A TYPICAL WALL COLUMN IN A CLOSED WALL BUILDING. THE DESIGN IS BASED ON A TYPICAL CANTILEVER STRUCTURAL ANALOG WITH A GOVERNING LOAD CASE THAT CONSIDERS DEAD LOADS, WIND LOADS AND ONE HALF OF THE ROOF SNOW LOAD TO ACT SIMULTANEOUSLY. THE BUILDING DESIGNER SHALL INCORPORATE THIS POST COMPONENT INTO THEIR STRUCTURAL DESIGN OF THE POST-FRAME BUILDING. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL OTHER ELEMENTS OF THE STRUCTURE INCLUDING THE POST FOUNDATION, SHEARWALLS, ROOF DIAPHRAGM, BRACING AND THE CONNECTIONS BETWEEN THESE ELEMENTS FOR LATERAL AND VERTICAL LOADS. POST SHALL BE BRACED LATEROALLY BY WALL GIRTS SPACED AT A MAXIMUM OF 32" ON CENTER.

SUPPLY A COPY OF THIS DESIGN TO THE BUILDING DESIGNER AND BUILDING CONTRACTOR. REFER TO THE HIB-98 POST FRAME SUMMARY SHEET BY TPI FOR INFORMATION ON INSTALLATION OF BRACING.

WIND LOAD PER ASCE-7: DESIGN WIND SPEED = 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR = 1.00 SNOW LOAD IMPORTANCE FACTOR = 1.00



GIRT
SPACING
(32" MAX.)

POST
SPACING

MINIMUM RECOMMENDED EMBEDMENT DEPTH=4.0 FT. FOUNDATION DESIGN BY OTHERS.
END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM CHORD ELEVATION.

LUMBER: * 4-2x8 SPF 1650-1.5E UNTREATED
** 4-2x8 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON-CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLY TO PREVENT SPLITTING.

TRUSS PLATES ARE ALPINE SERIES KS714 16GA.

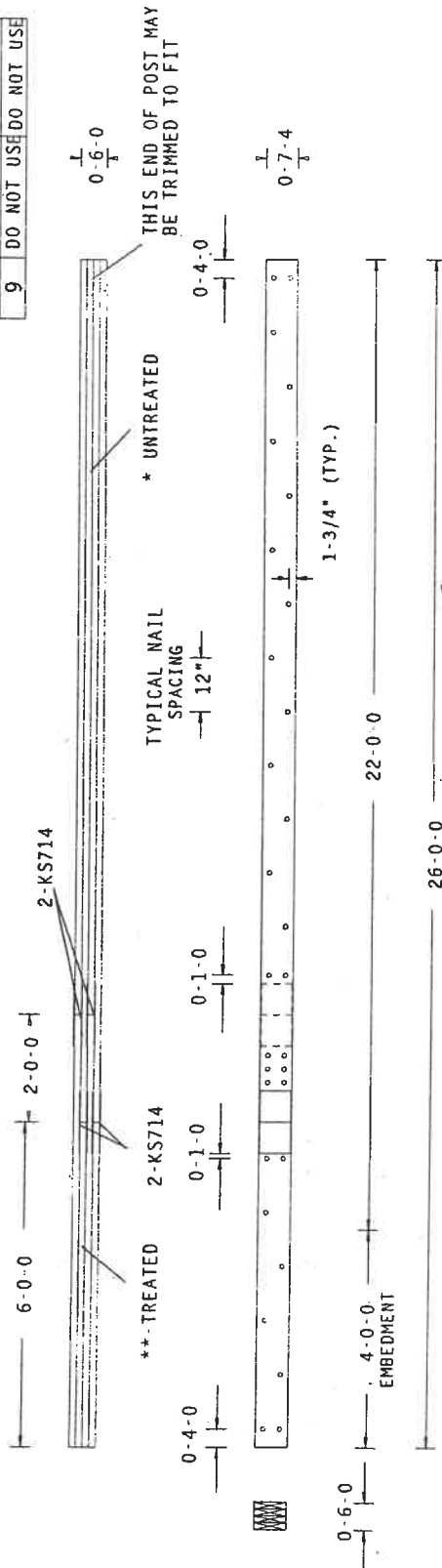
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 22'-0"

ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD= 5 PSF
BOTTOM CHORD DEAD LOAD= 5. (SEE CHART BELOW)

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

	25/5/5	30/5/5
4	80	80
7.5	80	79
8	58	52
9	DO NOT USE	DO NOT USE

ON CENTER SPACING
OF POST (FT.)



TYPICAL NAIL
SPACING
12"

* UNTREATED

THIS END OF POST MAY
BE TRIMMED TO FIT

0-6-0

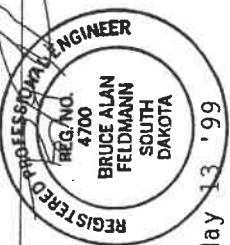
4-0-0
EMBEDMENT

22-0-0

1-3/4" (TYP.)

26-0-0

SD / - / 1 / - / - / F



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSSES PRIOR TO INSTITUTE, 593 D ONFRO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION) AND TPI. ALPINE CONNECTIONS ARE MADE OF 20GA ASTM A653 GR40 GALV. STEEL. EXCEPT AS NOTED, APPLY CONNECTORS TO EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWING 160-A-2. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1-1995 SECTION 2.

REF R7113-11111
DATE 05/12/99
DRW M0USR7113 99132020
MO-ENG /BAF
SEQN - 12089
FROM SMS



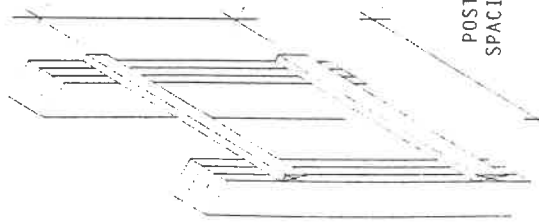
Alpine Engineered Products, Inc.
Earth City, MO 63045

(COLUMNS - COLUMN 3-2X8 18')

THIS POST HAS BEEN DESIGNED AS A COMPONENT FOR A POST FRAMED BUILDING WITH THE CRITERIA STATED ON THIS DRAWING. IT IS INTENDED FOR USE AS A TYPICAL WALL COLUMN IN A CLOSED WALL BUILDING. THE DESIGN IS BASED ON A TYPICAL CANTILEVER STRUCTURAL ANALOG WITH A GOVERNING LOAD CASE THAT CONSIDERS DEAD LOADS, WIND LOADS AND ONE HALF OF THE ROOF SNOW LOAD TO ACT SIMULTANEOUSLY. THE BUILDING DESIGNER SHALL INCORPORATE THIS POST COMPONENT INTO THEIR STRUCTURAL DESIGN OF THE POST FRAME BUILDING. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL OTHER ELEMENTS OF THE STRUCTURE INCLUDING THE POST FOUNDATION, SHEARWALLS, ROOF DIAPHRAGM, BRACING AND THE CONNECTIONS BETWEEN THESE ELEMENTS FOR LATERAL AND VERTICAL LOADS. POST SHALL BE BRACED Laterally BY WALL GIRTS SPACED AT A MAXIMUM OF 32" ON CENTER.

SUPPLY A COPY OF THIS DESIGN TO THE BUILDING DESIGNER AND BUILDING CONTRACTOR. REFER TO THE IUB 98 POST FRAME SUMMARY SHEET BY TPI FOR INFORMATION ON INSTALLATION OF BRACING.

WIND LOAD PER ASCE 7: DESIGN WIND SPEED - 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR 1.00 SNOW LOAD IMPORTANCE FACTOR - 1.00



GIRT
SPACING
(32" MAX.)

6'-0" 2'-0"

** TREATED

2 KS714

0'-4" 0'-1" 0'-1" 0'-1"

POST
SPACING

2-KS714



0'-4" 8

TYPICAL NAIL
SPACING
12"

THIS END OF POST MAY
BE TRIMMED TO FIT

0'-4" 0

0'-7" 4

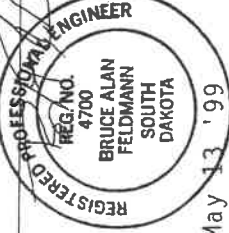
1-3/4" (TYP.)

18'-0"

EMBEDMENT

22'-0"

SD / - / 1 / - / - / F



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION) AND TPI ALPINE CONNECTORS ARE MADE OF 20GA ASTM A653 GR40 GALV. STEEL, EXCEPT AS NOTED. APPLY CONNECTORS TO EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWINGS 160 A-Z. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1-1995 SECTION 2.

ALPINE

Alpine Engineered Products, Inc.
Earth City, MO 63045

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

MINIMUM RECOMMENDED EMBEDMENT DEPTH 4.0 FT. FOUNDATION DESIGN BY OTHERS.

END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM CHORD ELEVATION.

LUMBER: * 3-2x8 SPF 1650-1.5E UNTREATED
** 3 2x8 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLY TO PREVENT SPLITTING.

TRUSS PLATES ARE ALPINE SERIES KS714 16GA.

WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) - 18'-0"

ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD= 5 PSF
BOTTOM CHORD DEAD LOAD= 5. (SEE CHART BELOW)

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

	25/5/5	30/5/5
4	80	80
7.5	80	80
8	80	80
9	51	46

ON CENTER SPACING
OF POST (FT.)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMIT BY TRUSS MFR.

MINIMUM RECOMMENDED EMBEDMENT DEPTH=4.0 FT. FOUNDATION DESIGN BY OTHERS.
END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM
CHORD ELEVATION.

LUMBER: * 3-2x8 SPF 1650-1.5E UNTREATED
** 3-2x8 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON-CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLYS TO PREVENT SPLITTING.

INSTALL THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLYS TO PREVENT SPLITTING.

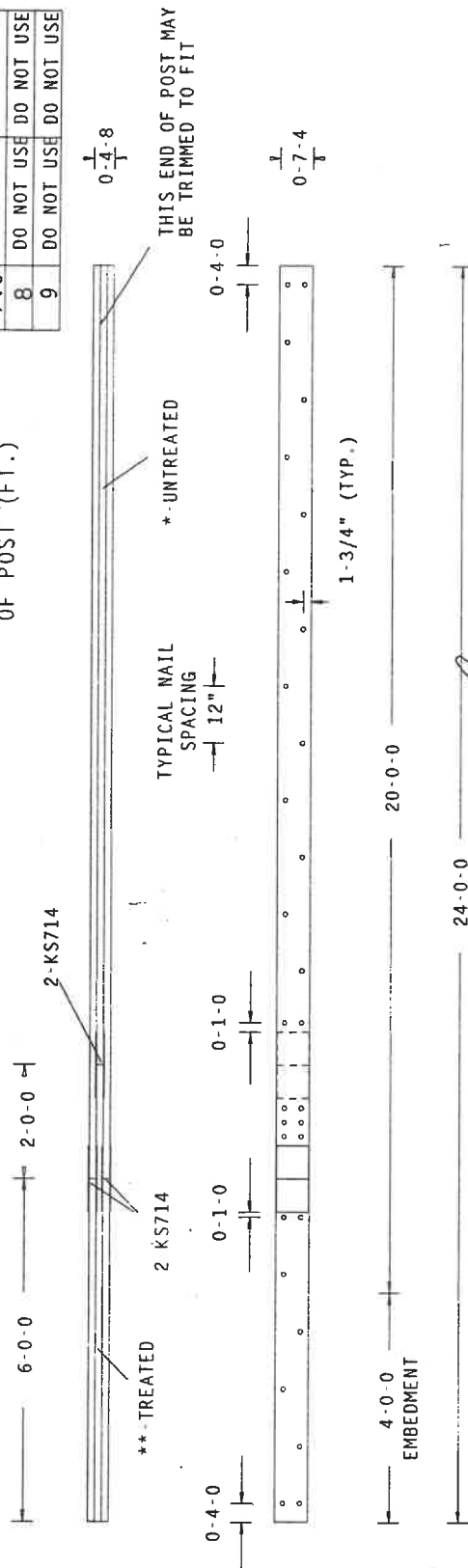
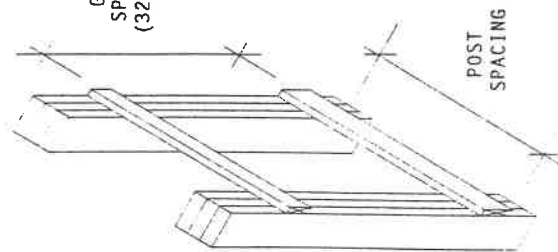
TRUSS PLATES ARE ALPINE SERIES KS714 16GA.

WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 20'0"

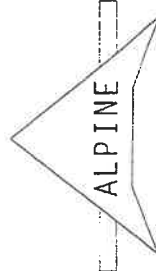
ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD= 5 PSF
BOTTOM CHORD DEAD LOAD= 5. (SEE CHART BELOW)

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

4	25/5/5	30/5/5
7.5	80	80
8	42	37
9	DO NOT USE	DO NOT USE
	DO NOT USE	DO NOT USE

ON CENTER SPACING
OF POST (FT.)

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND
 REFER TO HB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE
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 IMPORTANT FURNISH COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED
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 BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVIDING AND TPI (NATIONAL DESIGN
 SPECIFICATION PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION) AND TPI (NATIONAL DESIGN
 CONNECTORS ARE MADE OF 20GA ASTM A653 GR40 GALV. STEEL, EXCEPT AS NOTED. APPLY CONNECTORS TO
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 DRAWINGS 160 A-2. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING
 RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS
 COMPONENT FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER
 ANSI/TPI 1-1995 SECTION 2.



Alpine Engineered Products, Inc.
Earth City, MO 63045

REF R7113-111111
DATE 05/12/99
DRW MOUSR7113 9913201212
MO - ENG /BAF
SEQN - 12089
FROM SMS

(COLUMNS COLUMN 4-2X6 18')

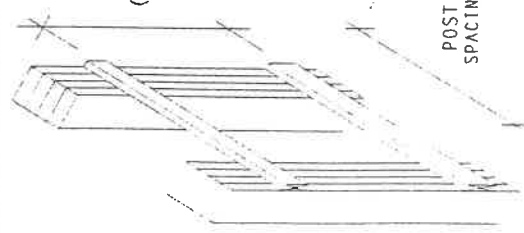
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POST SHALL BE BRACED Laterally by wall girts spaced at a maximum of 32" ON CENTER.

SUPPLY A COPY OF THIS DESIGN TO THE BUILDING DESIGNER AND BUILDING CONTRACTOR.

REFER TO THE H1B-98 POST FRAME SUMMARY SHEET BY TPI FOR INFORMATION ON INSTALLATION OF BRACING.

WIND LOAD PER ASCE-7: DESIGN WIND SPEED = 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR = 1.00 SNOW LOAD IMPORTANCE FACTOR = 1.00



GIRT
SPACING
(32" MAX.)

POST
SPACING

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUPPLIED BY TRUSS MFR.
MINIMUM RECOMMENDED EMBEDMENT DEPTH=4.0 FT. FOUNDATION DESIGN BY OTHERS.

END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM CHORD ELEVATION.

LUMBER: * 4 2x6 SPF 1650 1.5E UNTREATED
** 4-2x6 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON-CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLY TO PREVENT SPLITTING.

TRUSS PLATES ARE ALPINE SERIES HS412 20GA OR KS514 16GA.

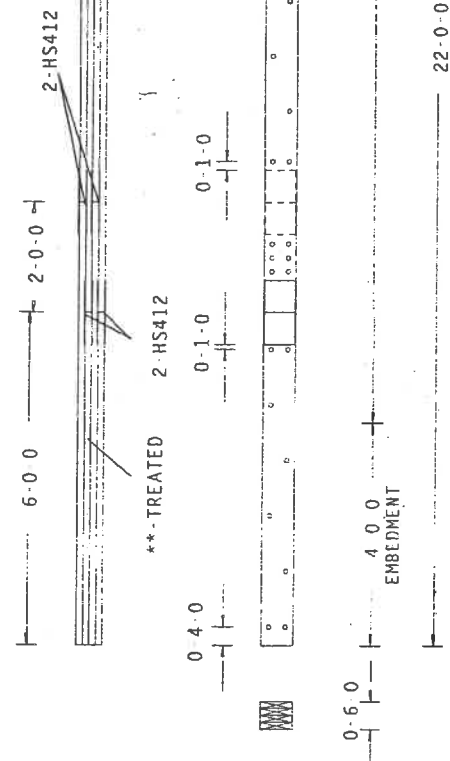
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 18'-0"

ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD = 5 PSF
BOTTOM CHORD DEAD LOAD = 5. (SEE CHART BELOW)

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

	25/5/5	30/5/5
4	80	80
7.5	27	24
8	DO NOT USE	DO NOT USE
9	DO NOT USE	DO NOT USE

ON CENTER SPACING
OF POST (FT.)



TYPICAL NAIL
SPACING
12"

*-UNTREATED

THIS END OF POST MAY
BE TRIMMED TO FIT

0'-4'-0"

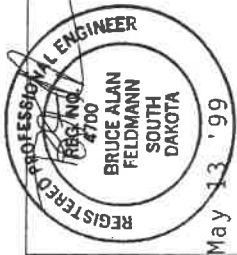
0'-5'-8"

1'-3/4" (TYP.)

18'-0"

22'-0"

SD/-1/-1/-1/F



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO H1B-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
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REF R7113-11111
DATE 05/12/99
DRW MOUSR7113 99132013
MO-ENG /BAF
SEQN - 12089
FROM SMS

ALPINE
Alpine Engineered Products, Inc.
Earth City, MO 63045

THIS POST IS DESIGNED AS A COMPONENT FOR A POST-FRAMED BUILDING WITH THE CRITERIA STATED ON THIS DRAWING. IT IS INTENDED FOR USE AS A TYPICAL WALL COLUMN IN A CLOSED WALL BUILDING. THE DESIGN IS BASED ON A TYPICAL CANTILEVER STRUCTURAL ANALOG WITH A GOVERNING LOAD CASE THAT CONSIDERS DEAD LOADS, WIND LOADS AND ONE HALF OF THE ROOF SNOW LOAD TO ACT SIMULTANEOUSLY. THE BUILDING DESIGNER SHALL INCORPORATE THIS POST COMPONENT INTO THEIR STRUCTURAL DESIGN OF THE POST FRAME BUILDING. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL OTHER ELEMENTS OF THE STRUCTURE INCLUDING THE POST FOUNDATION, SHEARWALLS, ROOF DIAPHRAGM, BRACING AND THE CONNECTIONS BETWEEN THESE ELEMENTS FOR LATERAL AND VERTICAL LOADS.

POST SHALL BE BRACED Laterally by wall girts spaced at a maximum of 32" ON CENTER.

SUPPLY A COPY OF THIS DESIGN TO THE BUILDING DESIGNER AND BUILDING CONTRACTOR.

REFER TO THE HIR 98 POST FRAME SUMMARY SHEET BY IPI FOR INFORMATION ON INSTALLATION OF BRACING.

WIND LOAD PER ASCE 7: DESIGN WIND SPEED = 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR = 1.00 SNOW LOAD IMPORTANCE FACTOR = 1.00

MINIMUM RECOMMENDED EMBEDMENT DEPTH-4.0 FT. FOUNDATION DESIGN BY OTHERS.
END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM CHORD ELEVATION.

LUMBER: * 4 2x6 SPF 1650 1.5E UNTREATED
 ** 4 2x6 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLOE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLY TO PREVENT SPLITTING.

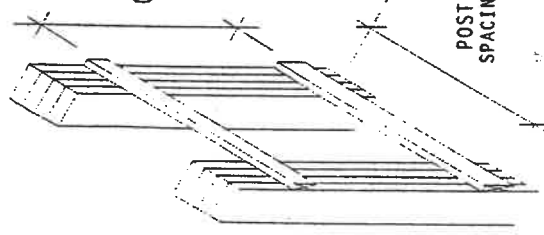
TRUSS PLATES ARE ALPINE SERIES HS412 20GA OR KS514 16GA.

WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) 16'0"

ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD = 5 PSF
BOTTOM CHORD DEAD LOAD = 5. (SEE CHART BELOW)

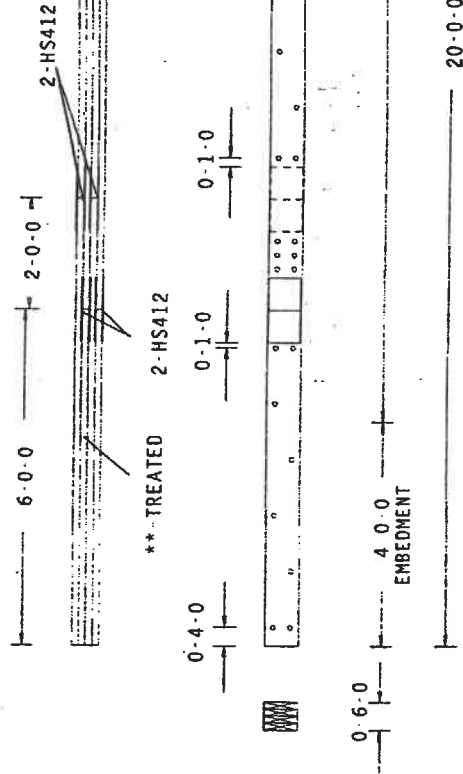
MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

4	25/5/5	30/5/5
7.5	80	80
8	80	76
9	45	40

ON CENTER SPACING
OF POST (FT.)

GIRT
SPACING
(32" MAX.)

POST
SPACING



TYPICAL NAIL
SPACING

* - UNTREATED

THIS END OF POST MAY
BE TRIMMED TO FIT

1-3/4" (TYP.)

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONOFRI DR., SUITE 200, HADISON, MI 53175), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS, BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GYLLING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION) AND TPI.

CONNECTORS ARE MADE OF 2024 AL5N 4053 GR40 BALLY, STEEL, EXCEPT AS NOTED.

EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWINGS 160 A-2. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS

SD/-/1/-/-/-/

REF	R7113-11111
DATE	05/12/99
DRW	MOUSR7113 99132014
MO -	/BAF
SEQN	- 12089
FROM	SMS

May 13 '99

(COLUMNS - COLUMN 4-2X6 14')

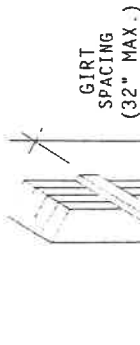
THIS POST HAS BEEN DESIGNED AS A COMPONENT FOR A POST FRAMED BUILDING WITH THE CRITERIA STATED ON THIS DRAWING. IT IS INTENDED FOR USE AS A TYPICAL WALL COLUMN IN A CLOSED WALL BUILDING. THE DESIGN IS BASED ON A TYPICAL CANTILEVER STRUCTURAL ANALOG WITH A GOVERNING LOAD CASE THAT CONSIDERS DEAD LOADS, WIND LOADS AND ONE HALF OF THE ROOF SNOW LOAD TO ACT SIMULTANEOUSLY. THE BUILDING DESIGNER SHALL INCORPORATE THIS POST COMPONENT INTO THEIR STRUCTURAL DESIGN OF THE POST-FRAME BUILDING. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL OTHER ELEMENTS OF THE STRUCTURE INCLUDING THE POST FOUNDATION, SHEARWALLS, ROOF DIAPHRAGM, BRACING AND THE CONNECTIONS BETWEEN THESE ELEMENTS FOR LATERAL AND VERTICAL LOADS.

POST SHALL BE BRACED LATEROALLY BY WALL GIRTS SPACED AT A MAXIMUM OF 32" ON CENTER.

SUPPLY A COPY OF THIS DESIGN TO THE BUILDING DESIGNER AND BUILDING CONTRACTOR.

REFER TO THE HIB 98 POST FRAME SUMMARY SHEET BY TPI FOR INFORMATION ON INSTALLATION OF BRACING.

WIND LOAD PER ASCE 7: DESIGN WIND SPEED 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR 1.00 SNOW LOAD IMPORTANCE FACTOR 1.00



GIRT
SPACING
(32" MAX.)

POST
SPACING

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

MINIMUM RECOMMENDED EMBEDMENT DEPTH 4.0 FT. FOUNDATION DESIGN BY OTHERS.

END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM CHORD ELEVATION.

LUMBER: * 4-2X6 SPF 1650 1.5E UNTREATED
** 4-2X6 SP #2 TREATED TO .60 TREATMENT RETENTION LEVEL

PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON-CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLY TO PREVENT SPLITTING.

TRUSS PLATES ARE ALPINE SERIES HS412 20GA OR KS514 16GA.

WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) - 14'-0"

ROOF SNOW LOAD = 30 OR 25 PSF : TOP CHORD DEAD LOAD = 5 PSF
BOTTOM CHORD DEAD LOAD = 5. (SEE CHART BELOW)

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

4	25/5/5	30/5/5
7.5	80	80
8	80	80
9	80	80

ON CENTER SPACING
OF POST (FT.)

6'-0" 2'-0-0" 2'-HS412

** TREATED 2 HS412

TYPICAL NAIL
SPACING
12"

*-UNTREATED

THIS END OF POST MAY
BE TRIMMED TO FIT

0'-4-0"

0'-1-0"

0'-4-0"

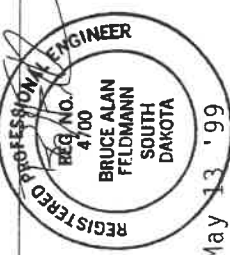
1'-3/4" (TYP.)

14'-0"

4'-0-0" +
EMBEDMENT

18'-0-0"

SD/-1/-1/-1/-F



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS. BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND SPECIFICATION PUBLISHED BY THE AMERICAN FOREST AND PAPER ASSOCIATION) AND TPI. ALPINE CONNECTORS ARE MADE OF 20GA ASTM A653 GRA40 GALV. STEEL, EXCEPT AS NOTED. APPLY CONNECTORS TO EACH FACE OF TRUSS. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1-1995 SECTION 2.

REF R7113-11111
DATE 05/12/99
DRW M0USR7113 99132015
MO-ENG /BAF
SEQN - 12089
FROM SMS



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