

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

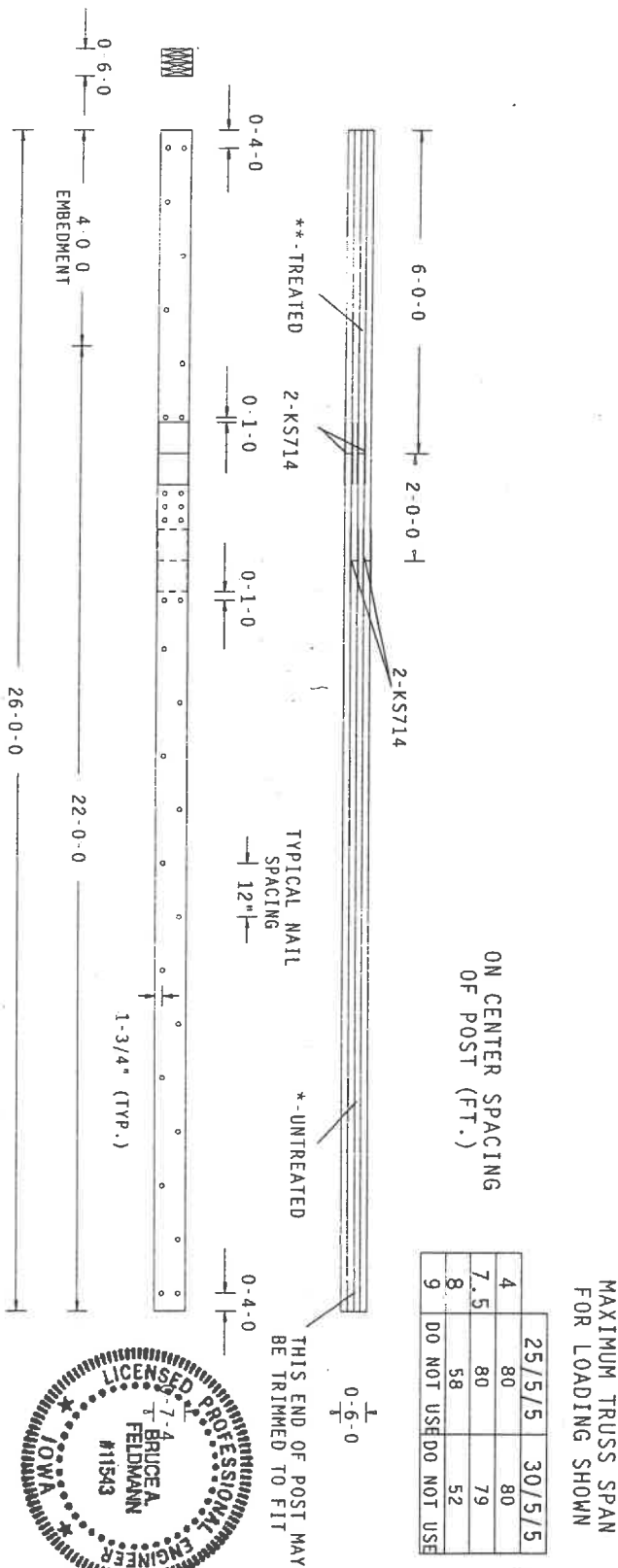
MINIMUM RECOMMENDED EMBEDMENT DEPTH=4.0 FT. FOUNDATION DESIGN BY OTHERS.
END WALL POSTS REQUIRE LATERAL SUPPORT ("WIND BRACING") AT TRUSS BOTTOM
CHORD ELEVATION.

LUMBER: * 4-2x8 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 PASADO TLN R-5-3.50" 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.

WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 22'-0"
ROOF SNOW LOAD = 30 OR 25 PSF ; TOP CHORD DEAD LOAD= 5 PSFS
BOTTOM CHORD DEAD LOAD= 5. (SEE CHART BELOW)



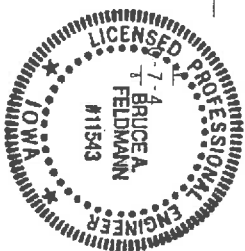
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF OHIO.

BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99
MY REGISTRATION EXPIRES DECEMBER 31, 2000

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

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

THIS END OF POST MAY
BE TRIMMED TO FIT

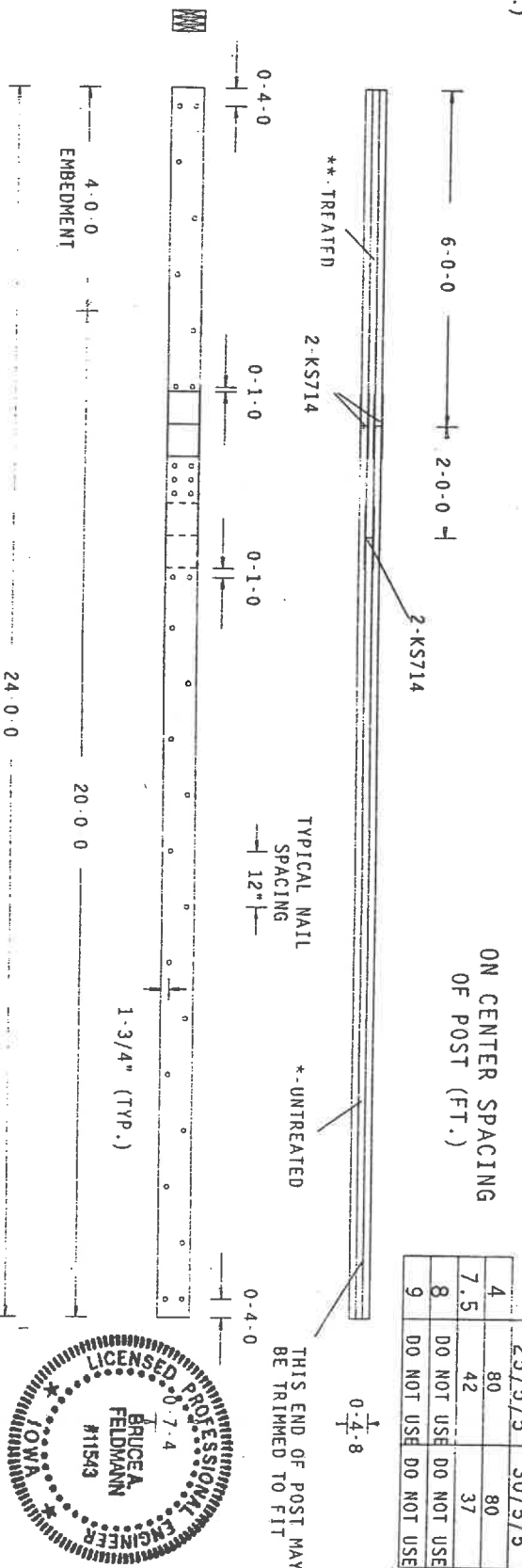
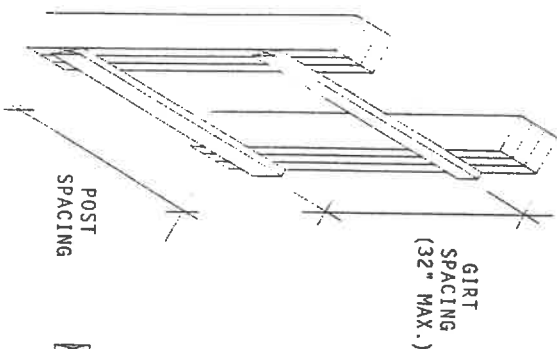


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|--------|--------------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW | M0USR7113 99132020 |
| MO-ENG | /BAF |
| SEQN | - 12089 |
| FROM | SMS |
| | |

THIS POST SHALL BE 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 PROPPED 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.

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



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.

* 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.

AILS 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.

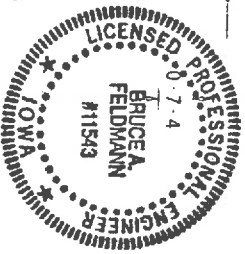
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 20'0"

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

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

ON CENTER SPACING
OF POST (FT.)

THIS END OF POST MAY
BE TRIMMED TO FIT



IA/111111F

11. "WARNING" TRIES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-91 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFIO DR., SUITE 200, HANSON, MI 48031), 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 CELLING.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A QUALIFIED ENGINEER IN THE STATE OF

A DOB LICENSED PILE DRIVING ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

REF R7113-11111
DATE 05/12/99
DBM M01SPZ113 00132013

MO-ENG /BAF

SEQN - 12089

FROM SMS

Alpine Engineered Products, Inc
Earth City, MO 63045

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.

MY REGISTRATION EXPIRES DECEMBER 31 2000

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBM. () 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
A NON-CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE-ORDERED AT
TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN
TREATED.

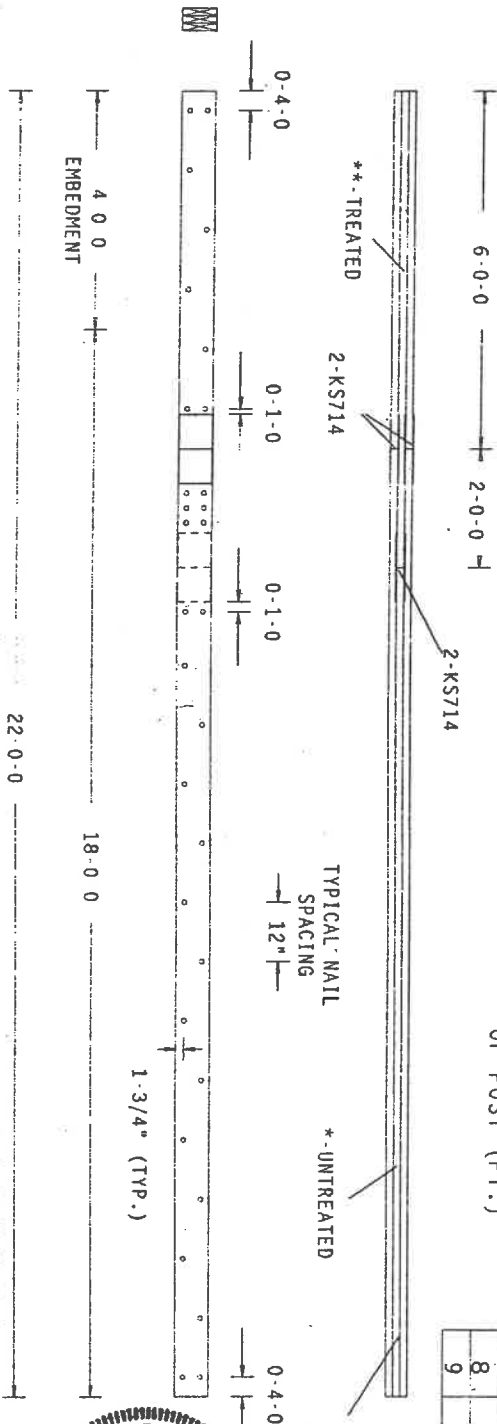
NAILS ARE PASODE TLN R.S. 3.50" x 0.131" DIAMETER. NAILS INDICATED ARE TO BE INSTALLED THROUGH EACH PLY OF POST. STAGGER NAILS WITH RESPECT TO ADJACENT PLYING TO PREVENT SPLITTING.

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

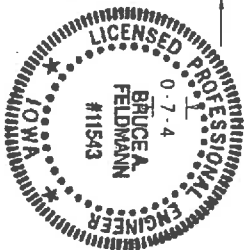
ROOF SNOW LOAD = 30 OR 25 PSF ; TOP CHORD DEAD LOAD= 5 PSF
BOTTOM CHORD DEAD LOAD= 5. (SEE CHART BELOW)

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 |



THIS END OF POST MAY
BE TRIMMED TO FIT



IA/-/-/-/-/-/

11. "MAINTAINING" - TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO MID-91 (HANDLING INSTALLING AND BRACING), PUBLISHED BY TPI. (TRUSS PLATE INSTITUTE, 563 D. MONROE 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.

12. "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 CONNECTORS ARE MADE OF 206 ASTM A575 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-1. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL JUDGING AND ASSUMES RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS CONSTRUCTION FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AIAA/TP1 1-1995 SECTION 2.

I HEREBY CERTIFY THAT THIS FINGERPRINTING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ASSESSOR UNDER THE LAWS OF THE STATE OF IOWA.

BRUCE A. FELDMANN REG. NO. 11543
 DATE May 13 '99

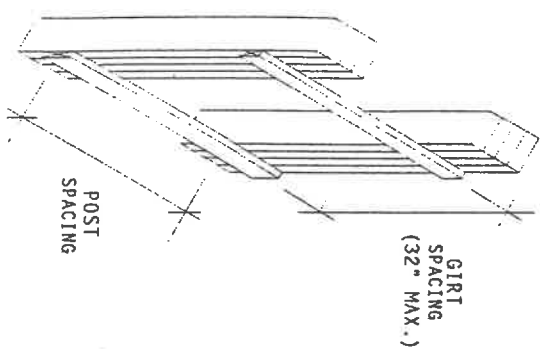
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|--------|--------------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW | MOUSE7113 99132019 |
| MO-ENG | /BAF |
| SEEN | - 12089 |
| FROM | SMS |

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 PROPERLY 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 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



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.

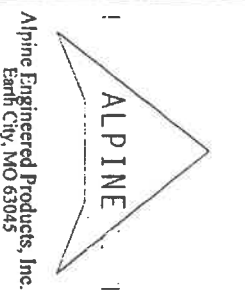
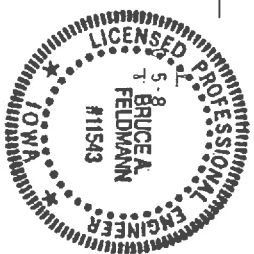
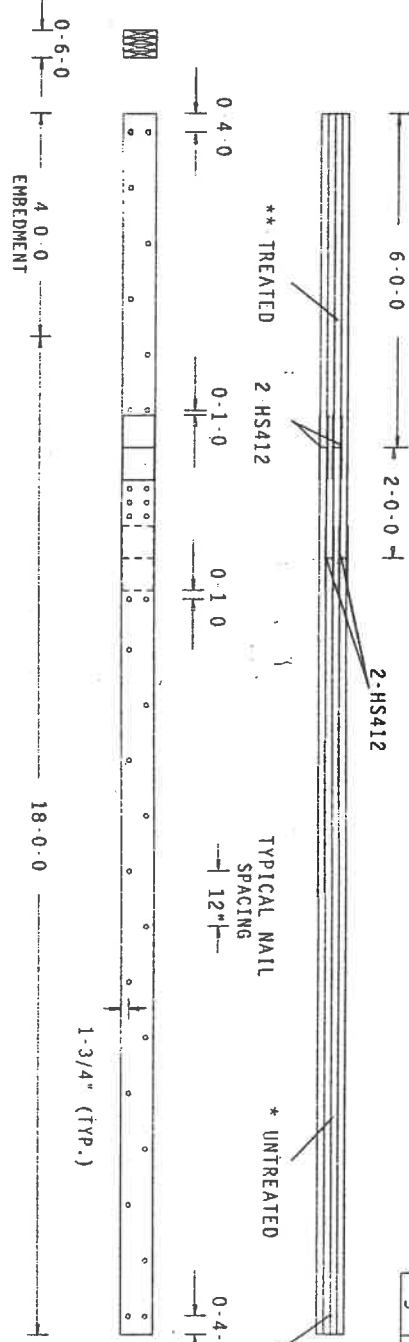
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) 18'-0"

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

ON CENTER SPACING OF POST (FT.)

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

MAXIMUM TRUSS SPAN FOR LOADING SHOWN



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, 383 D'ONOFIO 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 THE AMERICAN FOREST AND PAPER ASSOCIATION AND TPI. ALPINE CONNECTIONS ARE MADE OF 20GA ASTM A457 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-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.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A duly LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99

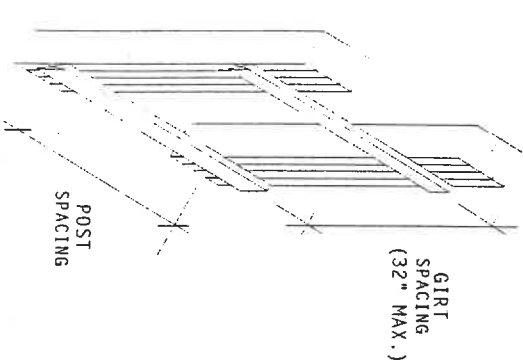
MY REGISTRATION EXPIRES DECEMBER 31, 2000

| | |
|--------------|------------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW NO | MSR7113 99132013 |
| MO-ENG /BAF | |
| SEON - 12089 | |
| FROM | SMS |

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 PROPOSED 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 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



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-ORIENTED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A OVALITY 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.

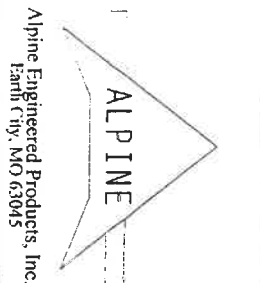
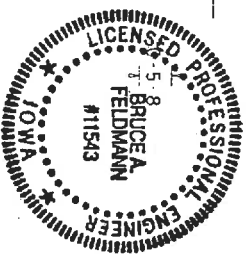
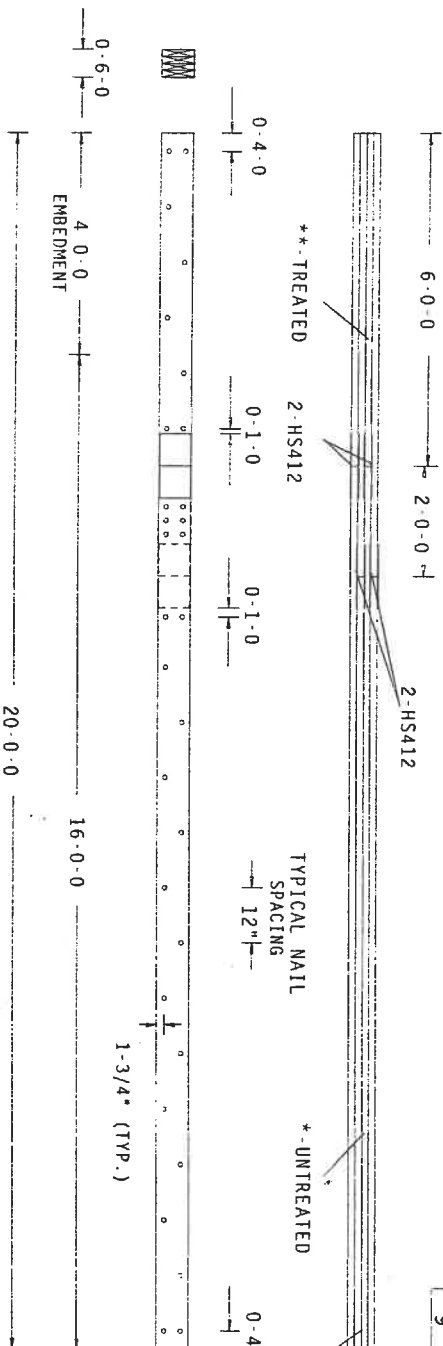
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 16'-0"

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

| | |
|--------|--------|
| 25/5/5 | 30/5/5 |
| 4 | 80 |
| 7.5 | 80 |
| 8 | 80 |
| 9 | 45 |

ON CENTER SPACING
OF POST (FT.)



WARNING: TRUSSES REQUIRE EXPERT CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO H1B-91 (HANDLING, INSTALLING AND BRACING). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO 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 CONNECTORS ARE MADE OF 20GA ASTM A653 GRA40 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.

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.
BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99
MY REGISTRATION EXPIRES DECEMBER 31, 2000

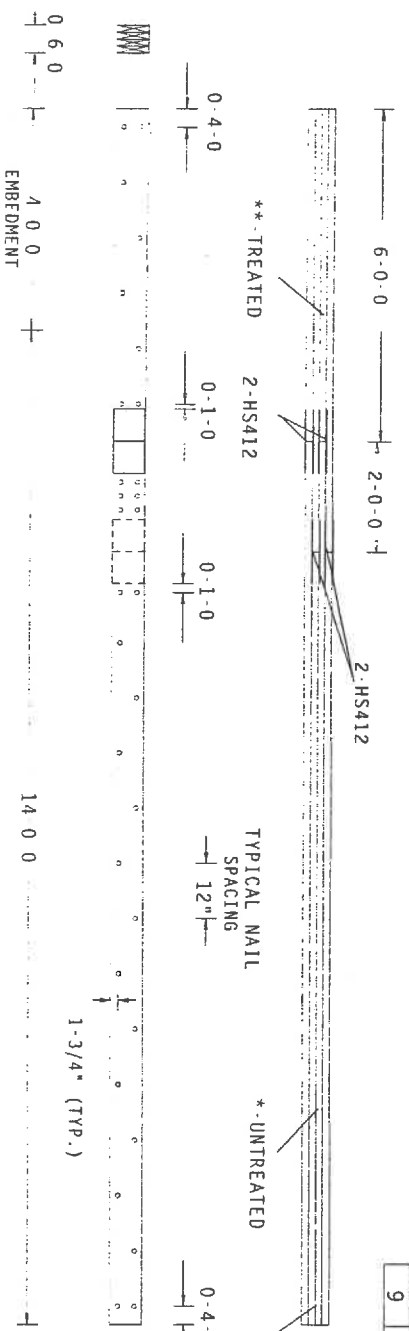
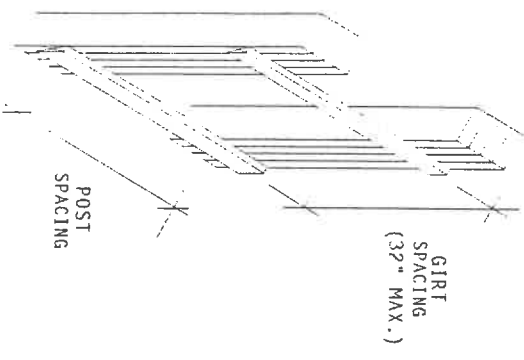
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|--------|---------------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW | MOUSER7113 99132014 |
| MO-ENG | /BAF |
| SEQN | - 12089 |
| FROM | SMS |

(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 PROPPED 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 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



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

MAXIMUM TRUSS SPAN
FOR LOADING SHOWN

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

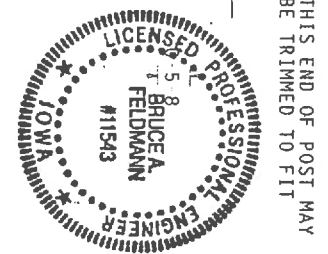
PRESERVATIVE TREATMENT: THE TREATED PORTION OF THE POST SHALL BE TREATED WITH A NON CORROSIVE TREATMENT FOR USE IN THE GROUND. IT SHALL BE RE DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE T1N 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.

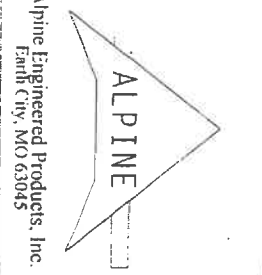
TRUSS PLATES ARE ALPINE SERIES HS412 20GA OR KSS14 16GA.

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)



THIS END OF POST MAY
BE TRIMMED TO FIT



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 DOWDRIO DR., SUITE 200, MADISON, MI 48219. 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. 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 CONNECTORS ARE MADE OF 20GA ASTM A653 GR50 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.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND I AM A duly licensed professional engineer under the laws of the State of Iowa.
BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99
MY REGISTRATION EXPIRES DECEMBER 31, 2000

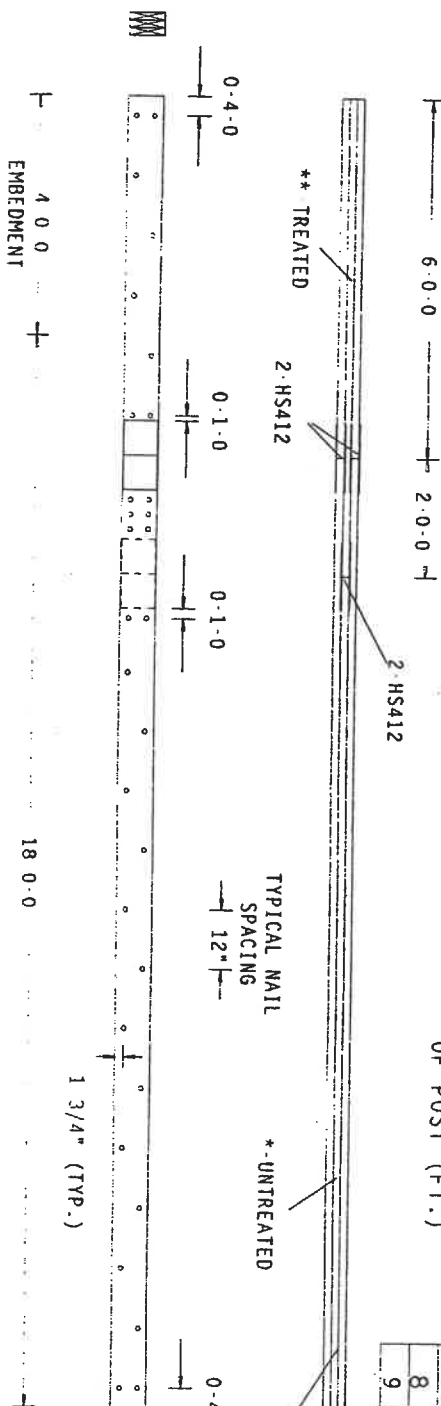
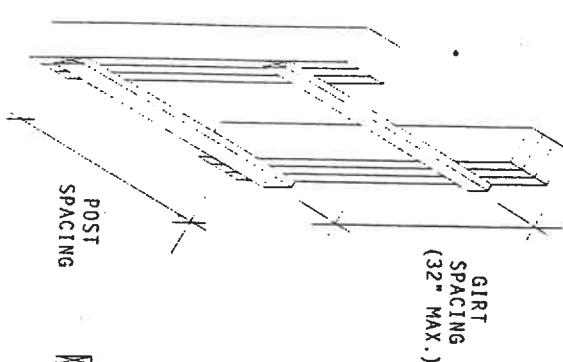
| | |
|--------------|-----------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW NO | SR7113 99132015 |
| MO-ENG /BAF | |
| SEON - 12089 | |
| FROM | SMS |

(COLUMNS - COLUMN 3-2X6 18')

THIS POST IS DESIGNED AS A COMPONENT FOR A POST TRAMED 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 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



| MAXIMUM TRUSS SPAN FOR LOADING SHOWN | 25/5/5 | 30/5/5 |
|---|------------|------------|
| 4 | 80 | 80 |
| 7.5 | DO NOT USE | DO NOT USE |
| 8 | DO NOT USE | DO NOT USE |
| 9 | DO NOT USE | DO NOT USE |

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUB ED 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: * 3-2X6 SPF 1650-1.5E UNTREATED

* 3-2X6 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 DRIED AFTER TREATMENT TO MC 19, AND BE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.

NAILS ARE PASLODE T1N 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"

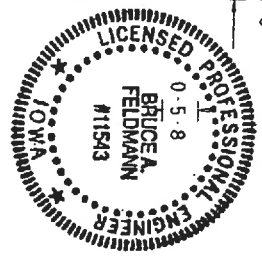
ROOF SNOW LOAD 30 OR 25 PSF : TOP CHORD DEAD LOAD 5 PSF
BOTTOM CHORD DEAD LOAD 5. (SEE CHART BELOW)

ON CENTER SPACING
OF POST (FT.)

TYPICAL MAIL
SPACING
12"

*-UNTREATED

THIS END OF POST MAY
BE TRIMMED TO FIT

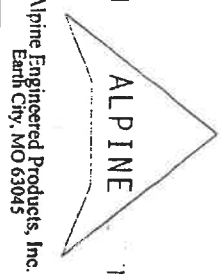


1A/-/1/-/1/-/F

22 0 0

18 0 0

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, 583 DOWNSIDE 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 FOR WOOD CONSTRUCTION) AND TPI ALPINE. APPLY CONNECTORS TO EACH FACE OF TRUSSES, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWINGS 160 A 2. THE SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING COMPONENT FOR ANY PARTICULAR BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1-1995 SECTION 2.

HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF IOWA.
BRUCE A. FELDMANN REG. NO. 111543
DATE May 13 '99
MY REGISTRATION EXPIRES DECEMBER 31, 2000

REF R7113-11111
DATE 05/12/99
DRW M05R7113 99132016
MO-ENG /BAF
SEON - 12089
FROM SMS

THIS POST IS DESIGNED AS A COMPONENT FOR A POST FRAMED BUILDING WITH THE CRITERIA 1 ON THIS DRAWING. IT IS INTENDED FOR USE AS A TYPICAL WALL COLUMN IN A CLOSED WALL BUILDING. THE DESIGN IS BASED ON A PROPPED 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 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

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: * 3-2x6 SPF 1650-1.5E UNTREATED
** 3-2x6 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 T1N 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 K5514 16GA.

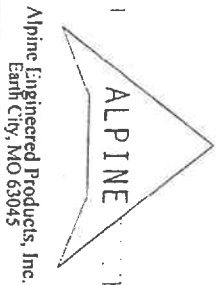
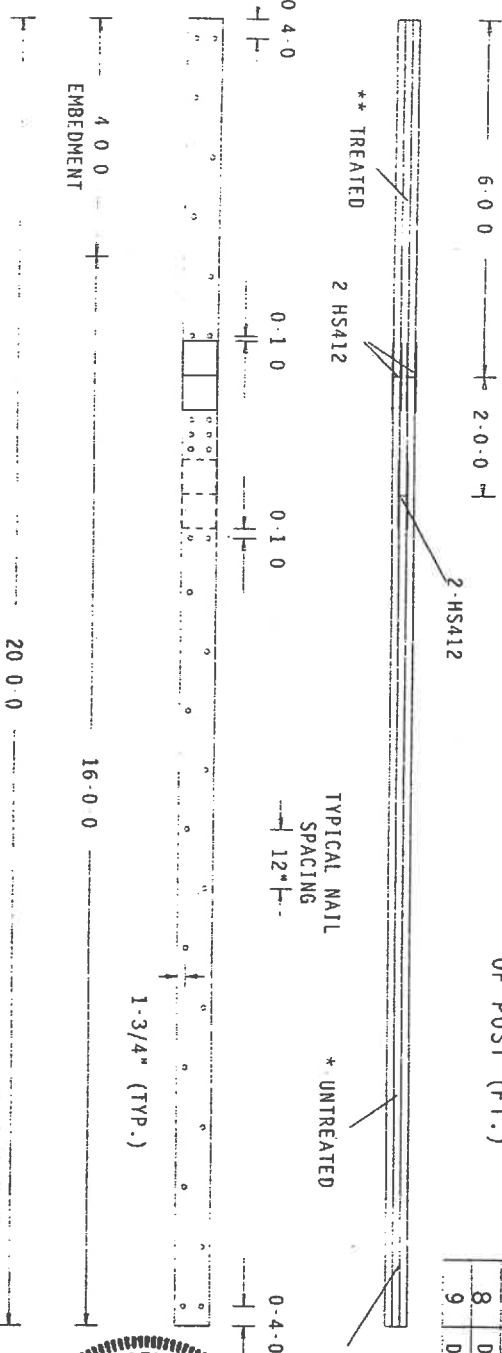
WALL HEIGHT (GRADE LEVEL TO TRUSS LINE) = 16'0"

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 | DO NOT USE | DO NOT USE |
| 8 | DO NOT USE | DO NOT USE |
| 9 | DO NOT USE | DO NOT USE |

ON CENTER SPACING
OF POST (FT.)



Alpine Engineered Products, Inc.
Earth City, MO 63045

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. O'NEAL RD., SUITE 200, MADISON, MI 48071), 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 ENGINEERED PRODUCTS 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-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.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99

| | |
|--------|-------------------|
| REF | R7113-11111 |
| DATE | 05/12/99 |
| DRW | MOUR2113 99132017 |
| MO-ENG | /BAF |
| SEON | - 12089 |
| FROM | SMS |

MY REGISTRATION EXPIRES DECEMBER 31, 2000

THIS POST HAS BEEN DESIGNED AS A COMPONENT FOR A POST FRAMED BUILDING WITH THE CRITERIA SHOWN 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 THE POST ELEMENTS FOR LATERAL AND VERTICAL LOADS. POST SHALL BE BRACED LATERALLY BY WALL GIRTS SPACED AT A MAXIMUM OF 32" ON CENTER.

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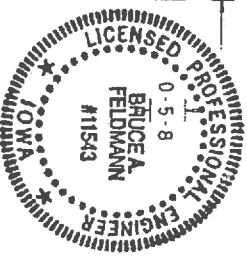
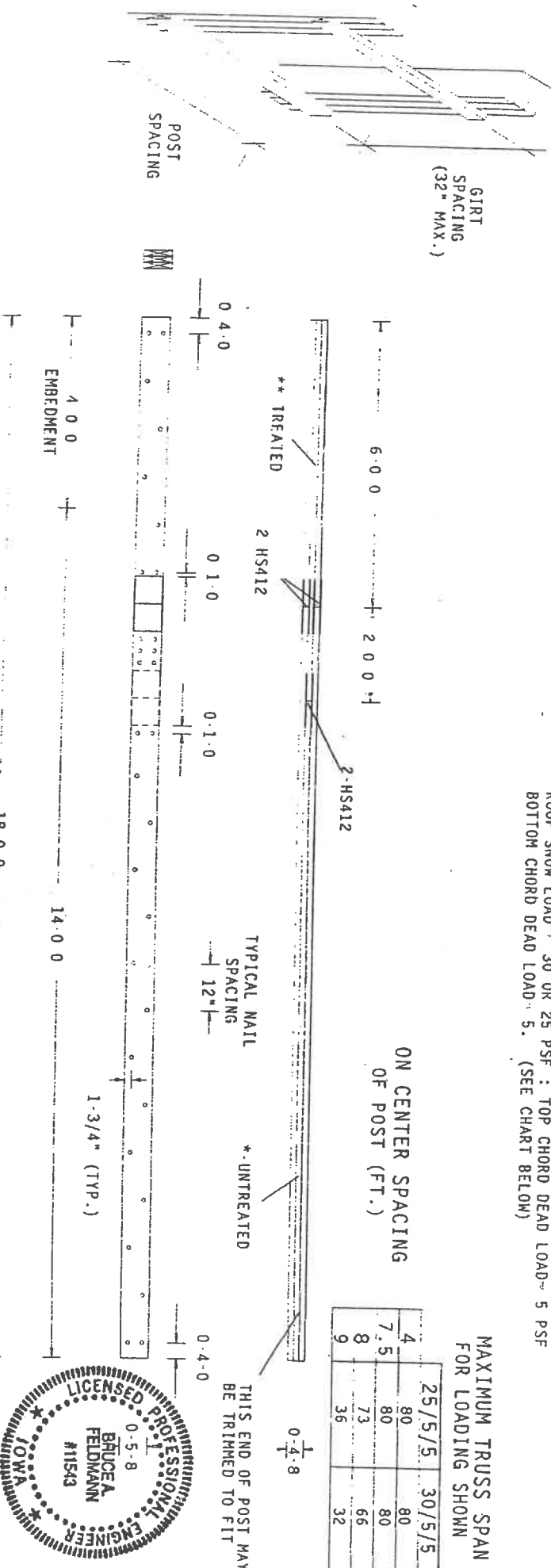
WIND LOAD PER ASCE 7: DESIGN WIND SPEED - 80 MPH, EXPOSURE C
WIND LOAD IMPORTANCE FACTOR - 1.00 SNOW LOAD IMPORTANCE FACTOR - 1.00

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: * 3-2x6 SPF 1650-1.5E UNTREATED
** 3-2x6 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 OILED AFTER TREATMENT TO MC 19, AND RE STAMPED WITH A QUALITY MARK THAT IT HAS BEEN SO TREATED.
NAILS ARE PSLDUE 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

| | |
|--------|--------|
| 25/5/5 | 30/5/5 |
| 4 | 80 |
| 7.5 | 80 |
| 8 | 73 |
| 9 | 36 |
| | 32 |



THIS END OF POST MAY
BE TRIMMED TO FIT

ALPINE

Alpine Engineered Products, Inc.
Earth City, MO 63045

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB 98 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI. TRUSS PLATE INSTITUTE, 583 PONDHILL 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: UNLESS 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 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 EACH FACE OF TRUSS, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTIONS TO DRAWINGS 160 A-7. 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.

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.
BRUCE A. FELDMANN REG. NO. 11543
DATE May 13 '99
MY REGISTRATION EXPIRES DECEMBER 31, 2000

1A/-1/-1/-1/F

REF R7113-11111
DATE 05/12/99
DRW M05R7113 99132018
MO-ENG /BAF
SEQN - 12089
FROM SMS