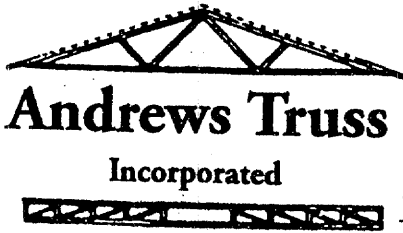


DO NOT CUT ANY TRUSS

**THIS IS AN ENGINEERED
PRODUCT; CUTTING, DRILLING,
NOTCHING, NON-UNIFORM
LOADING, OR ANY OTHER
ALTERATIONS VIOLATE THE
INTEGRITY OF THIS PRODUCT
AND VOID THE WARRANTY.**

**FOR MORE INFORMATION ABOUT THIS
OR OTHER MATTERS
PLEASE CALL ANDREWS TRUSS
(828)321-3105**



Phone: (828) 321-3105

Fax: (828) 321-3265

P.O. Box 1429 • 47 McClelland Creek Road • Andrews, North Carolina 28901

CUSTOMER NOTICE

Thank you for choosing Andrews Truss, Inc. as your truss provider. We take pride in our ability to produce a quality product and provide excellent service. However, we are human and occasionally make mistakes. We will exercise the right to correct our own errors and maintain our good relationship with you. **Your satisfaction is the key to our future.**

To ensure that we build your order to your exact specifications, we will provide a copy of the layout/truss drawings for your approval prior to construction. All pitches, dimensions, and bearings must be verified.

In the event that any problem is encountered, we request that we be advised as soon as possible. Be assured that we will do all within our power to help make corrections and/or replacements in a timely manner. This is true whether the error is yours or ours.

Andrews Truss will gladly repair or replace any of its products not manufactured in accordance with customer-approved specifications. However, we can **not** be responsible to provide free replacement for unusable product which a customer approves prior to construction. Additionally, we are **not** responsible for other associated expenses or charges made without our approval, whether it is labor, materials or other services such as crane service.

Our delivery personnel will deliver your order as close to the job site as reasonably possible provided that there is a safe, level, and accessible place suitable for unloading. Andrews Truss cannot assume responsibility for property damage to low hanging wires, trees, fences, etc., resulting from a requested delivery.

Andrews Truss is **totally committed** to your complete satisfaction by any reasonable standard and will do everything possible to make your building project successful. Thank you for your business.



Phone: (828) 321-3105

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FLOOR TRUSSES

NOTICE: Check your engineering - no floor truss is to have a second floor load or a roof load or a concentrated load applied to it unless your engineering specifies that extra load. Loading your truss beyond engineered levels voids the warranty.

Top chord bearing floor truss seat must be located within 3/4" of the nearest (first or last) web of truss. Failure to properly position seat to truss voids truss warranty.

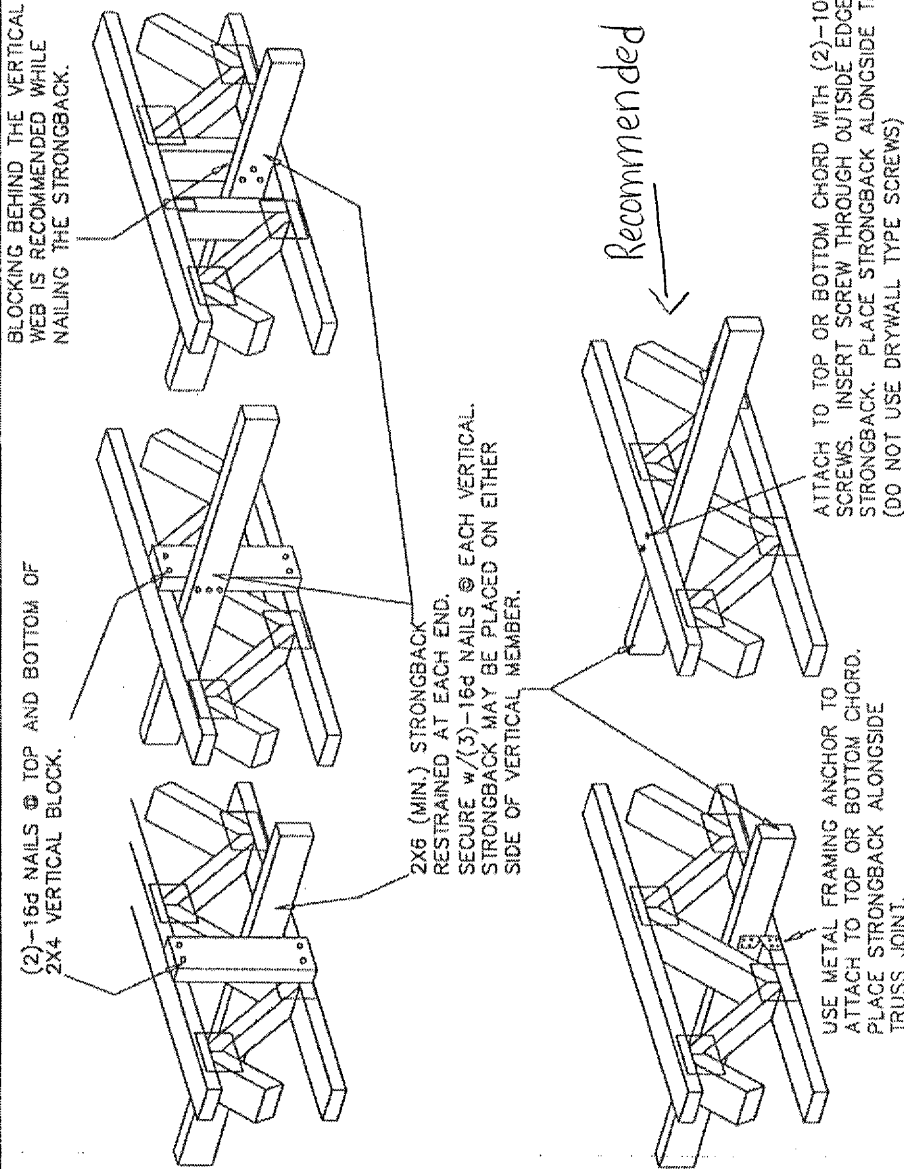
Bottom chord bearing floor truss must be seated as engineered. If not designed for wide wall seats, you must put a narrow filler on top of the plate to create a smaller seat. Failure to provide appropriate truss seats voids the truss warranty.

ROOF TRUSSES

NOTICE: Check your engineering sheets for specified lateral bracing. You must apply all specified bracing at the time of erection or your truss warranty is void.

Also, check for any requirement of special bearing sizes. Failure to provide bearings as engineered will void the truss warranty.

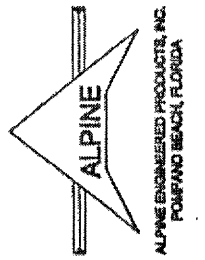
STRONGBACKS ARE RECOMMENDED TO MINIMIZE VIBRATION IN FLOOR ASSEMBLIES. STRONGBACKS SHALL BE A MINIMUM 2X6 AND, UNLESS SPECIFIED BY THE TRUSS DESIGN ENGINEER, SPACING SHALL NOT EXCEED 10'-0" CENTERS ALONG TRUSS. STRONGBACK SHALL BE IN CONTACT WITH TOP CHORD OR BOTTOM CHORD MEMBER OF TRUSS.



STRONGBACK LUMBER SHOULD BE AT LEAST 14'-0" IN LENGTH AND LAPPED 2'-0" AT THEIR ENDS OVER TWO ADJACENT TRUSSES.

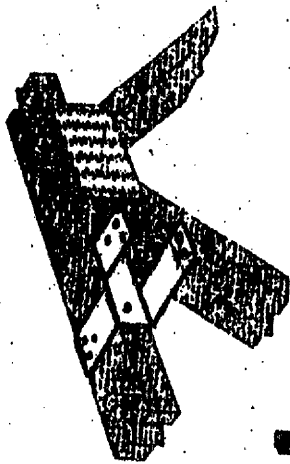
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIB-81 (HANDLING, INSTALLING AND BRACING), PUBLISHED BY TPI TRUSS AND BRACING INSTITUTE, 583 CONIFER DR., SUITE 200, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE DOUBLE ATTACHED TOP CHORD PANELS. THIS DESIGN IS FOR USE BY 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 DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. 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 2024 ALUMINUM 6063 G40 GALV. STEEL EXCEPT AS NOTED. APPLY CONNECTORS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION CONNECTORS PER DRAWINGS 180 AT Z AND 180 AT Y. THIS DESIGN INDICATES ACCEPTANCE OF THE SUBMITTAL AND THESE OF THE CONTRACTOR FOR ANY PERIOD OF BUILDING. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1-1993 SECTION 7.

REF	STRONGBACK
DATE	10/27/00
DRWG	ECSTRNGBK
	-ENG MLH/BAF
TC LL	PSF
TC DL	PSF
BC DL	PSF
BC LL	PSF
TOT.LD.	PSF
DUR.FAC.	
SPACING	

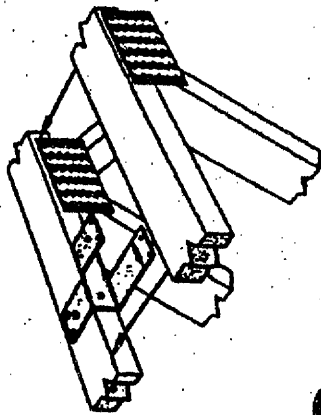


USP **Lumber** **Connectors™**

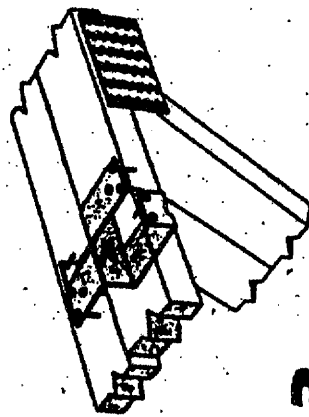
Installation Instructions **for FTC Floor Truss Clips**



1 INSTALL ON FIRST TRUSS



2 SLIDE ON SECOND TRUSS

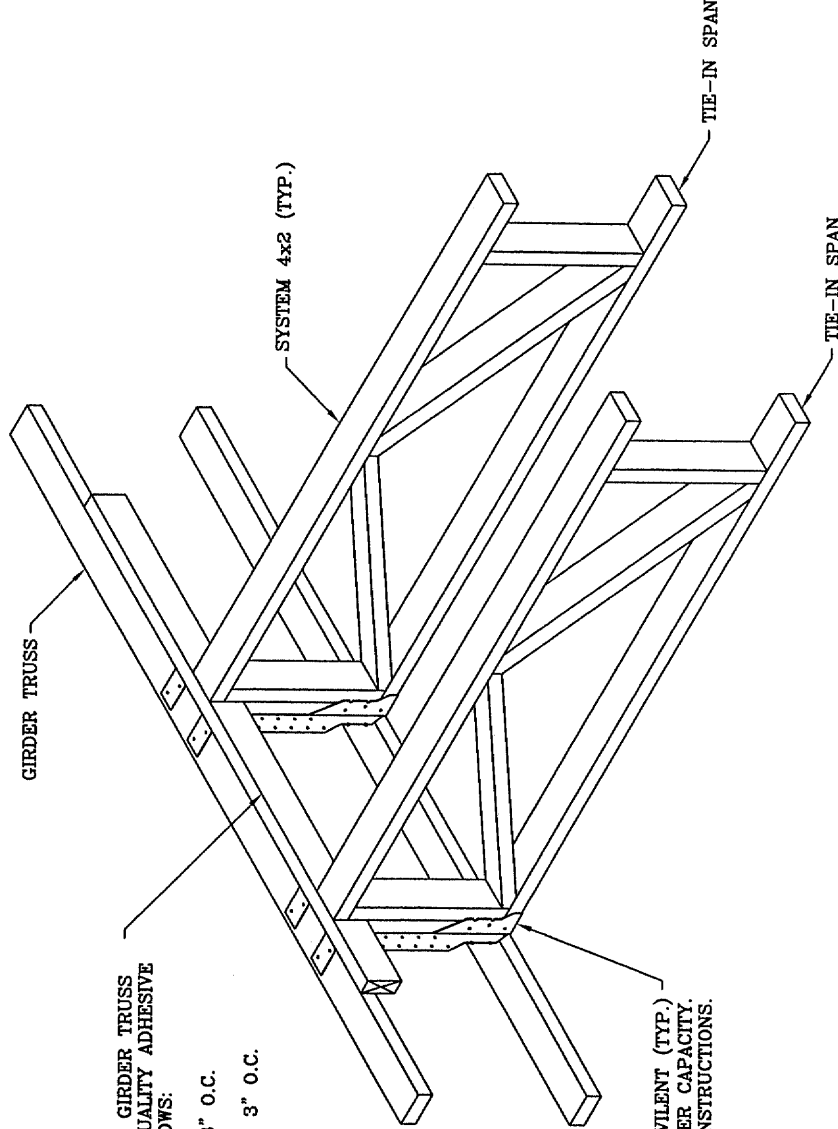


3 NAIL TOP FLANGE,
BEND & NAIL BOTTOM FLANGE

- 1.) Slide the FTC onto the top chord of the first truss with the shorter flange on top and the longer flange underneath. Install 3-10d common nails into the top flange, bend the long end of the bottom flange up and install 2-10d common nails into the edge of the chord. Continue to locate and nail the required number of FTC's along the first truss. If FTC's are specified in the bottom chord, they must be installed before the next step. Put the short flange underneath so the nails are driven into the open web area.
- 2.) Set the chords of the second truss onto the protruding FTC flanges and slide the trusses together.
- 3.) Install 10d nails into second truss as in step 1.
Note: Clinch protruding nail points to avoid injury.

FLOOR TRUSS UPLIFT LEDGER DETAIL

	MAX. TIE-IN SPAN UPLIFT REACTION (lb's.) TIE-IN SPAN SPACING = 12" O.C.		MAX. TIE-IN SPAN UPLIFT REACTION (lb's.) TIE-IN SPAN SPACING = 16" O.C.		MAX. TIE-IN SPAN UPLIFT REACTION (lb's.) TIE-IN SPAN SPACING = 19.2" O.C.		MAX. TIE-IN SPAN UPLIFT REACTION (lb's.) TIE-IN SPAN SPACING = 24" O.C.	
	SYP	DOUG. FIR	SYP	DOUG. FIR	SYP	DOUG. FIR	SYP	DOUG. FIR
SINGLE TOP CHORD	460	331	614	440	736	629	921	662
DOUBLE TOP CHORD	921	662	1227	882	1473	1069	1843	1324



2x4 UPLIFT LEDGER. SECURE TO GIRDER TRUSS WITH APPROVED CONSTRUCTION QUALITY ADHESIVE AND 10d COMMON NAILS AS FOLLOWS:

- SINGLE TOP CHORD - 1 ROW @ 3" O.C.
- DOUBLE TOP CHORD - 2 ROWS @ 3" O.C. (1 ROW IN EACH CHORD MEMBER)

SIMPSON'S THA422 HANGER OR EQUIVALENT (TYP.) REFER TO SIMPSON'S CATALOG FOR HANGER CAPACITY AND INSTALLATION INSTRUCTIONS.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. BESS TO BUILDING DEPARTMENT AND BRACING, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 DUNDREID DR., SUITE 200, HUNTSVILLE, AL 35894. CONTRACTORS MUST PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORDS SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

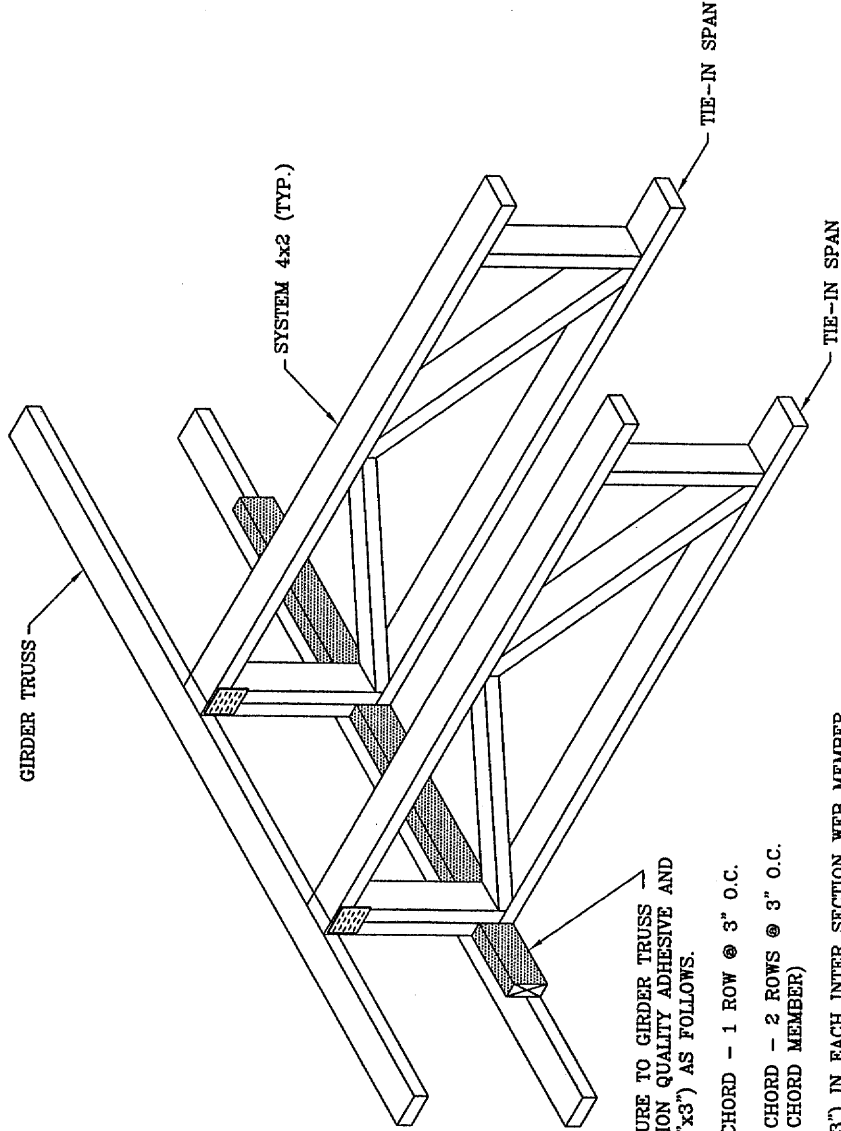
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR APRA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16 GA. CV/H/S/KO UNLESS OTHERWISE NOTED. THIS DESIGN IS SUBJECT TO THE TPI PER-2002 SPEC. ANY INSPECTION OF TRUSSES SHALL BE PERFORMED BY A LICENSED ENGINEER OR ARCHITECT. ANY INSPECTION OF PLATES FILLED BY CD SHALL BE PER ANEX AS ENGINEERING RESPONSIBILITY. SEE TPI FOR THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL AND ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1.1 SEC. 2.

TC LL	---	PSF	---	REF	XXXXXXXXXXXX
TC DL	---	PSF	---	DATE	xx/xx/xx
BC DL	xxx	PSF	---	DRWG	XXXXXXXXXXXX
BC LL	---	PSF	---	-ENG	XXXXXX
TOT. LD.	---	PSF	---		
DUR. FAC. 1.0/1.15/1.25/1.33					
SPACING 24.0"					

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

FLOOR TRUSS GIRDER LEDGER DETAIL

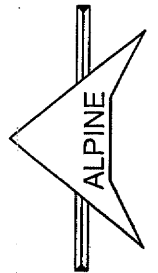
	MAX. TIE-IN SPAN REACTION (lb's.)		MAX. TIE-IN SPAN REACTION (lb's.)		MAX. TIE-IN SPAN REACTION (lb's.)		MAX. TIE-IN SPAN REACTION (lb's.)	
	TIE-IN SPAN SPACING = 12" O.C.	TIE-IN SPAN SPACING = 16" O.C.	TIE-IN SPAN SPACING = 19.2" O.C.	TIE-IN SPAN SPACING = 24" O.C.	SYP / DOUG. FIR	SPF	SYP / DOUG. FIR	SPF
SINGLE BOTTOM CHORD	460	614	736	921	921	440	629	662
DOUBLE BOTTOM CHORD	921	1227	1473	1843	1843	882	1069	1324



- 2x4 LEDGER SECURE TO GIRDER TRUSS WITH CONSTRUCTION QUALITY ADHESIVE AND 10d NAILS (0.131"x3") AS FOLLOWS.
- SINGLE BOTTOM CHORD - 1 ROW @ 3" O.C.
- DOUBLE BOTTOM CHORD - 2 ROWS @ 3" O.C. (1 ROW IN EACH CHORD MEMBER)
- (2) NAILS (.131"x3") IN EACH INTER SECTION WEB MEMBER.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO HIR-91 (HANDLING, INSTALLING AND BRACING) AND TPI-1 (TRUSS PLATE INSTITUTE, 583 D'ONDRETT DR., SUITE 200, MADISON, VT 05719) FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILING TO BUILD THE TRUSS AS DESIGNED OR FOR ANY DEVIATION FROM THIS DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES.



ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

TC LL	---	PSF	-----	REF	XXXXXXXXXXXX
TC DL	---	PSF	-----	DATE	xx/xx/xx
BC DL	xxx	PSF	-----	DRWG	XXXXXXXXXXXX
BC LL	---	PSF	-----	-ENG	XXXXXX
TOT. LD.	---	PSF	-----		
DUR. FAC.	1.0/1.15/1.25/1.33				
SPACING	xx'x'				

