

DATE 11/15/2004

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022501

APPLICANT DAN TRIMBLE

PHONE 754-5550

ADDRESS 548

SW BRANDY WAY

LAKE CITY

FL

32024

OWNER LENONARDO & CARMEN ROLDAN

PHONE

ADDRESS 333

NW HERITAGE DRIVE

LAKE CITY

FL

32055

CONTRACTOR LAKE SIDE ALUMINUM/DAN RIMBLE

PHONE 623-4574

LOCATION OF PROPERTY

90W, TR ON BROWN ROAD, TL ON WINDING WAY, TL ON EMERALD

LAKES DR., TR ON HERITAGE, 2ND LOT AFTER LAKE

TYPE DEVELOPMENT

SCREENED ENCLOSURES

ESTIMATED COST OF CONSTRUCTION

4500.00

HEATED FLOOR AREA

TOTAL AREA

HEIGHT .00

STORIES

FOUNDATION

WALLS

ROOF PITCH

FLOOR

LAND USE & ZONING

RSF-2

MAX. HEIGHT

Minimum Set Back Requirments:

STREET-FRONT

25.00

REAR

15.00

SIDE

10.00

NO. EX.D.U.

1

FLOOD ZONE

NA

DEVELOPMENT PERMIT NO.

PARCEL ID

28-3S-16-02372-509

SUBDIVISION

EMERALD LAKES

LOT 9

BLOCK

PHASE 4

UNIT

TOTAL ACRES

5157

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING

X04-0283

BK

RK

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE

Check # or Cash 1379

## FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$

25.00

CERTIFICATION FEE \$

.00

SURCHARGE FEE \$

.00

MISC. FEES \$

.00

ZONING CERT. FEE \$

50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$

TOTAL FEE 75.00

INSPECTORS OFFICE

CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

### This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



## Columbia County Building Permit Application

left message  
11/9/04

For Office Use Only Application # 0410-65 Date Received 10/27 By JW Permit # 22501  
Application Approved by - Zoning Official BLK Date 29.10.04 Plans Examiner Rk 11-8-04 Date  
Flood Zone N/A Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den  
Comments \_\_\_\_\_

Applicants Name Lake Side Alumnus Inc Phone 386 623 4574  
Address 548 SW Brandy Way  
Owners Name Rolando - Leonardo & Carmen Phone \_\_\_\_\_  
911 Address 333 NW Heritage Dr LC FL 32055  
Contractors Name Anthony D Trimble Phone 754 8550  
Address 548 SW Brandy Way L.C. 32024  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address \_\_\_\_\_  
Mortgage Lenders Name & Address \_\_\_\_\_  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 28-35-16-02372-509 Estimated Cost of Construction 4,500.00  
Subdivision Name Emerald Lakes Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions Brown rd to Emerald Lake, turn left  
End of street left ground curve TR Heritage make  
Right down on left 333 Heritage 2nd lot after Lake  
Type of Construction Screen Pool Enclosure Number of Existing Dwellings on Property 1  
Total Acreage \_\_\_\_\_ Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 74' Side 28' Side 25' Rear 125'  
Total Building Height 12' Number of Stories 1 Heated Floor Area \_\_\_\_\_ Roof Pitch \_\_\_\_\_

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Atoll  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Atoll  
Contractor Signature  
Contractors License Number \_\_\_\_\_  
Competency Card Number \_\_\_\_\_  
NOTARY STAMP/SEAL

\_\_\_\_\_  
Notary Signature



Permit No. \_\_\_\_\_

Tax Parcel No. 28-35-16-02372-509

**COLUMBIA COUNTY NOTICE OF COMMENCEMENT**

**STATE OF FLORIDA**

Inst: 2004024128 Date: 10/27/2004 Time: 11:14

**COUNTY OF COLUMBIA**

PLU DC, P. DeWitt Cason, Columbia County B: 1029 P: 485

**THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.**

**1. Description of property: (legal description of the property, and street address if available.)**

Lot 9 Emerald Lakes Phase 4  
Plat 6 Pages 151-152 333 Heritage Dr

**2. General description of improvement:** Screen Pool Enclosure

**3. Owner Information:**

X **A. Name and address:**  
Leonardo Loldan Jr + Carmen Loldan Jr  
333 NW Heritage Dr. LL FL 32055

**B. Interest in property:**

**C. Name and address of fee simple titleholder (if other than owner):**

**4. Contractor: (name and address)**

Lakeside Aluminum Inc  
548 SW Brandy Way Lake City  
FL 32024

**5. Surety**

**A. Name and address:**

**B. Amount of bond:**

**6. Lender: (name and address)**

**7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 718.13 (1) (a) 7., Florida Statutes: (name and address)**

8. In addition to himself, owner designates \_\_\_\_\_  
of \_\_\_\_\_ to receive a copy of  
the Lienor's Notice as provided in Section 713.13 (1) (a) 7., Florida Statutes.

9. Expiration date of notice of commencement (the expiration date is 1 year from the  
date of recording unless a different date is specified) \_\_\_\_\_.

James B. DeWitt Cason  
(Signature of Owner)

SWORN TO and subscribed before me this 23rd day of September  
2004.

Rebecca S. Sullivan  
Notary Public

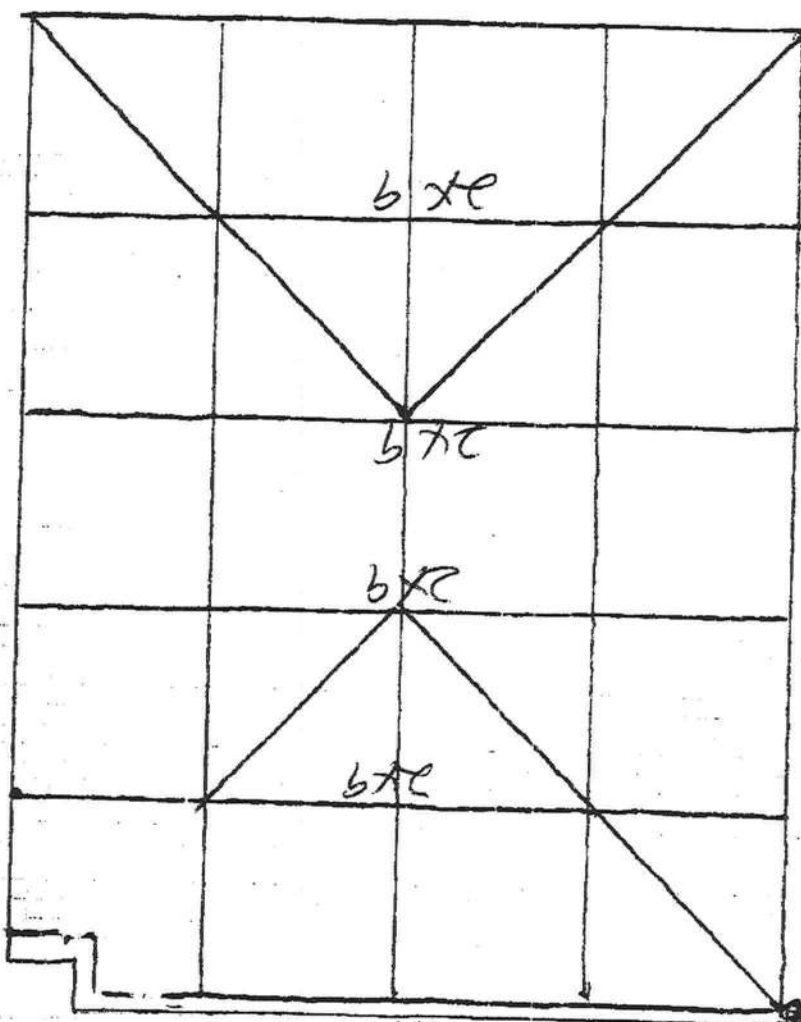
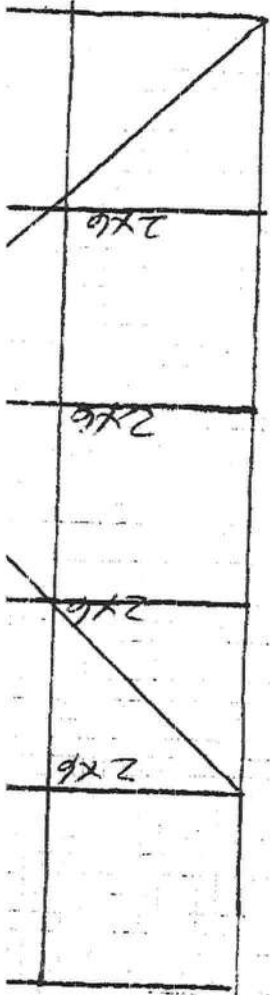
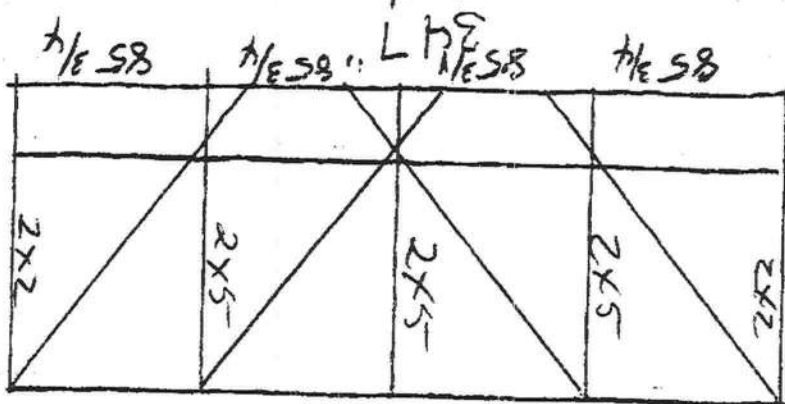
(NOTARIAL  
SEAL)

Rebecca S. Sullivan  
MY COMMISSION # DD282696 EXPIRES  
May 11, 2008  
BONDED THRU TROY FAIR INSURANCE, INC.

My Commission Expires: 05/11/2008

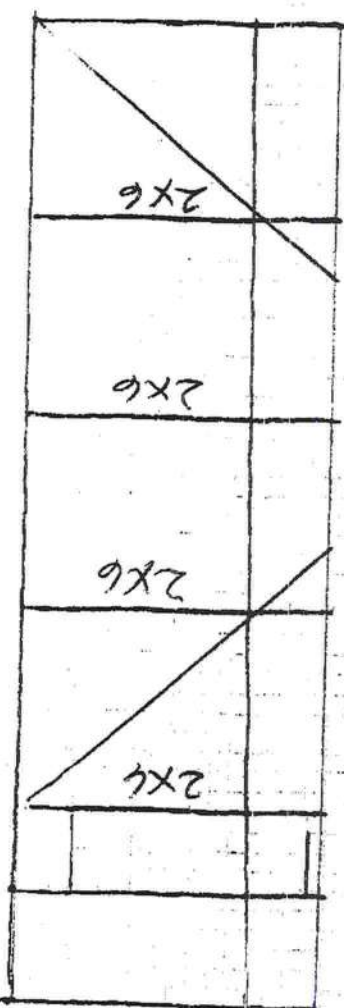
343

1/2 1/2 1/2 1/2



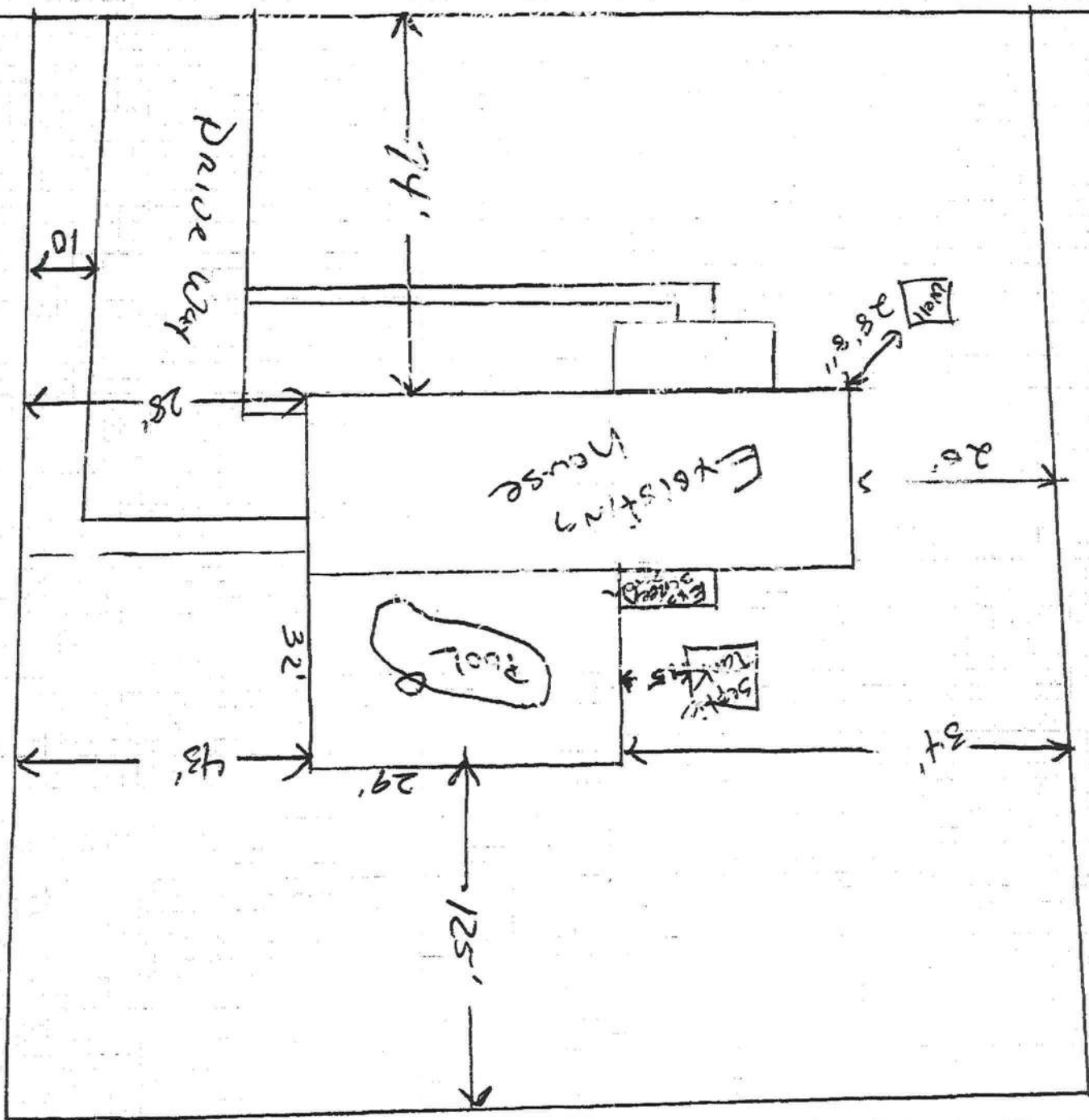
Cutter

Door Spout





Heritage Dr



Emerald Lakes  
Phase 4 Platbook 6  
Page 151 & 152 Lot 9  
Mr & Mrs Roldan



## SECTION 1

## SCREENED ENCLOSURES

Table 1.1

Allowable Spans For Primary Screen Roof Frame Members  
Aluminum Alloy 6063 T-6

For Areas with Wind Loads up to 150 M.P.H. and Latitudes Below 30°-30'-00" North (Jacksonville, FL)

Hollow Sections	Tributary Load Width 'W' = Beam Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Span 'L' / bending 'b' or deflection 'd'						
2" x 2" x 0.044"	9'-10" b	8'-7" b	7'-8" b	6'-11" b	6'-6" b	6'-1" b	5'-8" b
2" x 2" x 0.055"	10'-9" b	9'-4" b	8'-4" b	7'-7" b	7'-1" b	6'-7" b	6'-3" b
2" x 3" x 0.045"	13'-4" b	11'-7" b	10'-4" b	9'-5" b	8'-9" b	8'-2" b	7'-8" b
2" x 4" x 0.050"	14'-8" b	12'-8" b	11'-4" b	10'-4" b	9'-7" b	8'-11" b	8'-5" b

Self Mating Sections	Tributary Load Width 'W' = Beam Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Span 'L' / bending 'b' or deflection 'd'						
2" x 4" x 0.044 x 0.100"	19'-11" b	17'-4" b	15'-6" b	14'-2" b	13'-1" b	12'-3" b	11'-6" b
2" x 5" x 0.050 x 0.100"	24'-9" b	21'-5" b	19'-2" b	17'-6" b	16'-2" b	15'-2" b	14'-3" b
2" x 6" x 0.050 x 0.120"	28'-7" b	24'-9" b	22'-2" b	20'-3" b	18'-9" b	17'-6" b	16'-6" b
2" x 7" x 0.055 x 0.120"	32'-3" b	27'-11" b	24'-11" b	22'-9" b	21'-1" b	19'-9" b	18'-7" b
2" x 7" x 0.055" w/ insert	42'-10" b	37'-1" b	33'-2" b	30'-4" b	28'-1" b	26'-3" b	24'-9" b
2" x 8" x 0.072" x 0.224"	41'-7" b	36'-1" b	32'-3" b	29'-5" b	27'-3" b	25'-6" b	24'-0" b
2" x 9" x 0.072" x 0.224"	45'-1" b	39'-1" b	34'-11" b	31'-11" b	29'-6" b	27'-8" b	26'-1" b
2" x 9" x 0.082" x 0.310"	49'-6" b	42'-11" b	38'-4" b	35'-0" b	32'-5" b	30'-4" b	28'-7" b
2" x 10" x 0.092" x 0.369"	59'-6" b	51'-7" b	46'-1" b	42'-1" b	38'-11" b	36'-5" b	34'-4" b

Snap Sections	Tributary Load Width 'W' = Beam Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Span 'L' / bending 'b' or deflection 'd'						
2" x 2" x 0.044"	11'-9" b	10'-2" b	9'-1" b	8'-4" b	7'-8" b	7'-2" b	6'-9" b
2" x 3" x 0.045"	15'-1" b	13'-1" b	11'-8" b	10'-8" b	9'-10" b	9'-3" b	8'-8" b
2" x 4" x 0.045"	18'-5" b	15'-11" b	14'-3" b	13'-0" b	12'-1" b	11'-3" b	10'-8" b
2" x 6" x 0.062"	31'-3" b	27'-1" b	24'-2" b	22'-1" b	20'-5" b	19'-2" b	18'-0" b
2" x 7" x 0.062"	34'-9" b	30'-1" b	26'-11" b	24'-7" b	22'-9" b	21'-3" b	20'-1" b

## Notes:

1. Thicknesses shown are "nominal" industry standard tolerances. No wall thickness shall be less than 0.040".
2. The structures designed using this section shall be limited to a maximum combined span and upright height of 55' and a maximum upright height of 20'. Structures larger than these limits shall have site specific engineering.
3. Spans are based on a minimum of 10# / Sq. Ft. for up to a 150 M.P.H. wind load.
4. Span is measured from center of beam and upright connection to fascia or wall connection.
5. Above spans do not include length of knee brace. Add horizontal distance from upright to center of brace to beam connection to the above spans for total beam spans.
6. Purlin spacing shall not exceed 6'-8". For beam spans greater than 40'-0" the beam at the center purlin and one purlin for each 14'-0" on each side of the center purlin shall include lateral bracing as shown in detail (48'-0") span with purlins at 6'-8" o.c. center purlin and (2) purlins each side of center purlin need lateral bracing.

Example: Max. 'L' for 2" x 4" x 0.050" hollow section with 'W' = 5'-0" = 11'-4"

Lawrence E. Bennett, P.E.

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE (386) 767-4774

FAX (386) 767-6556

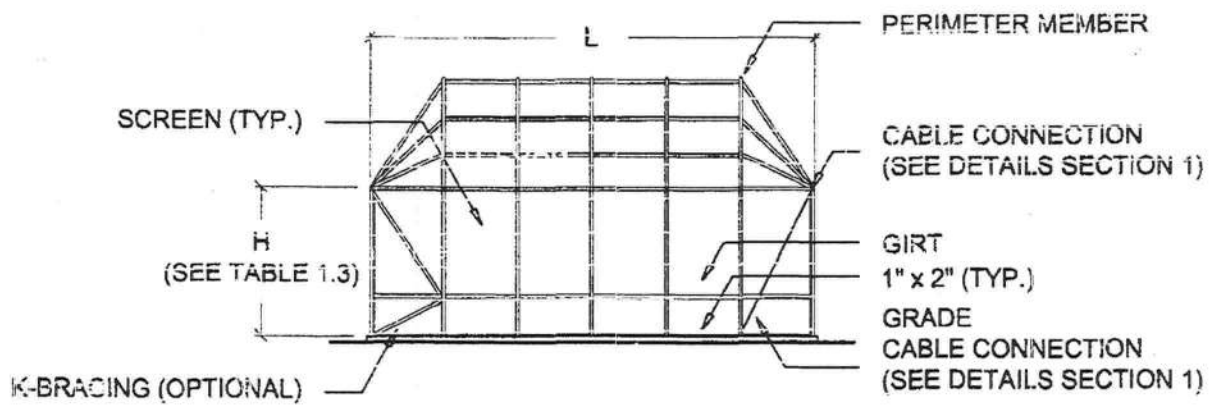
PAGE

1-54

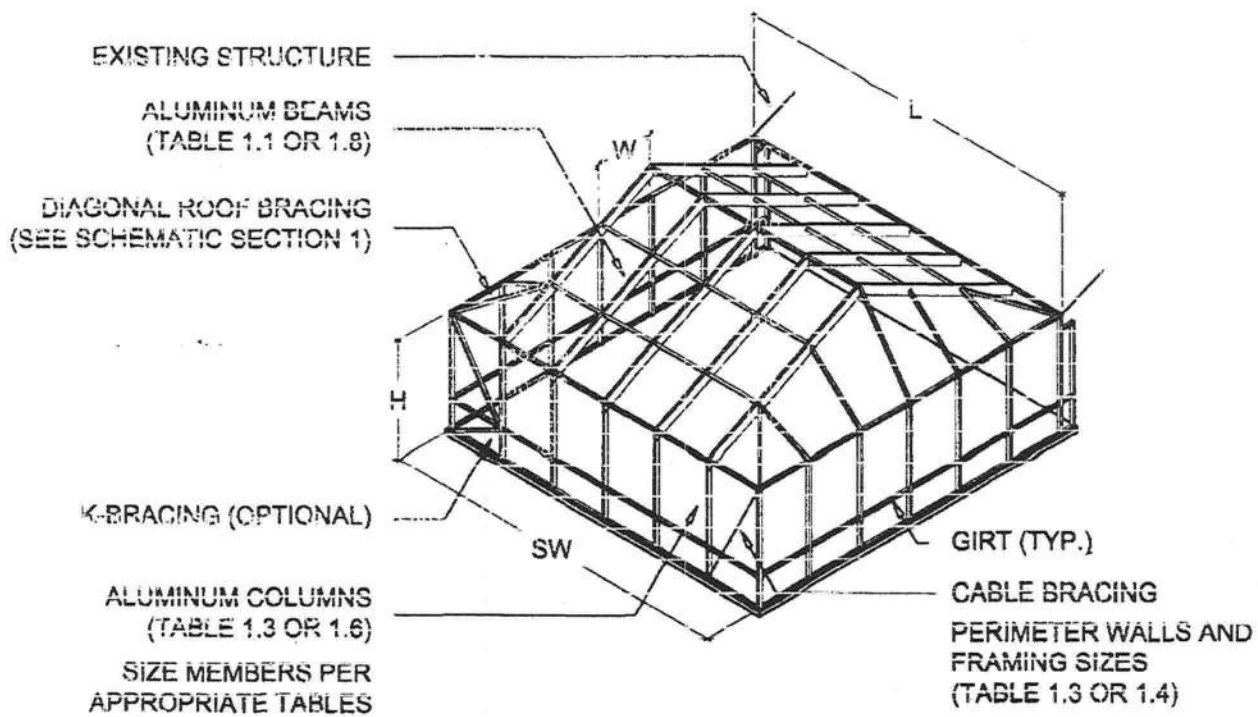
© COPYRIGHT 2003

NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF LAWRENCE E. BENNETT, P.E.



**TYPICAL MODIFIED HIP ROOF - ELEVATION**

SCALE: N.T.S.

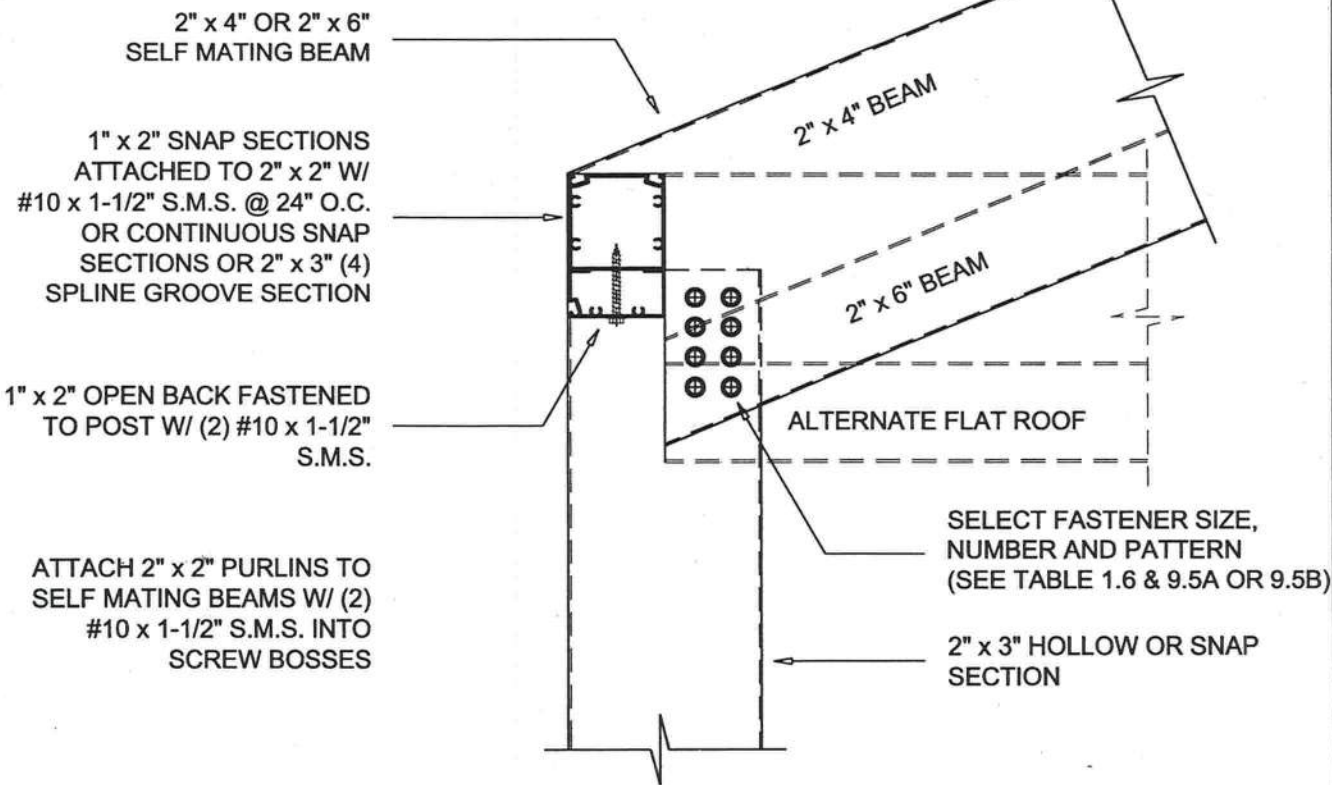
**TYPICAL MODIFIED HIP ROOF - ISOMETRIC**

SCALE: N.T.S.

Lawrence E. Bennett, P.E.  
CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
P.O. BOX 214308, SOUTH DAYTONA, FL 32121  
TELEPHONE (386) 767-4774  
FAX (386) 767-6556

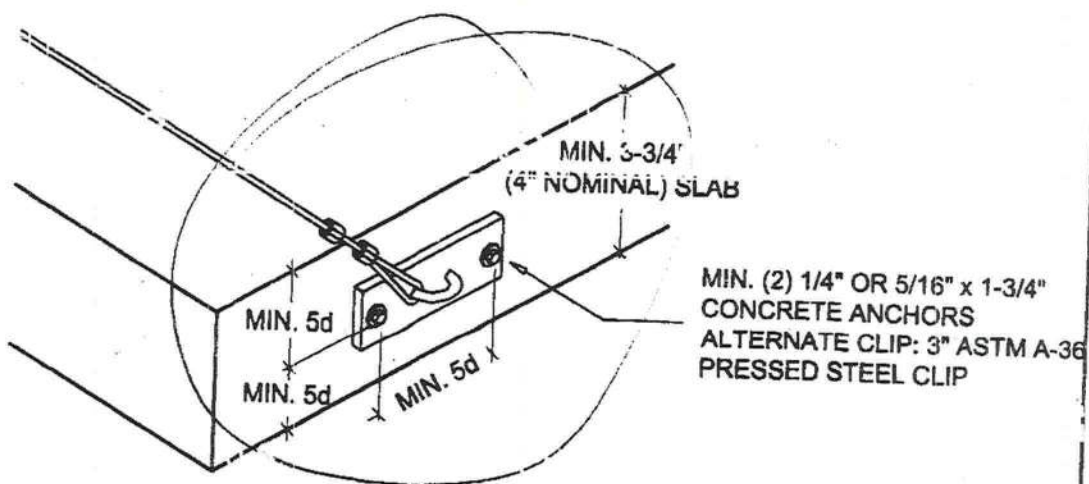


MINIMUM POST SIZES  
REQUIRED FOR EACH BEAM  
SIZE (SEE TABLE 1.6)



**SLOPING BEAM TO UPRIGHT CONNECTION DETAIL (PARTIAL LAP)**  
SCALE: 3" = 1'-0"

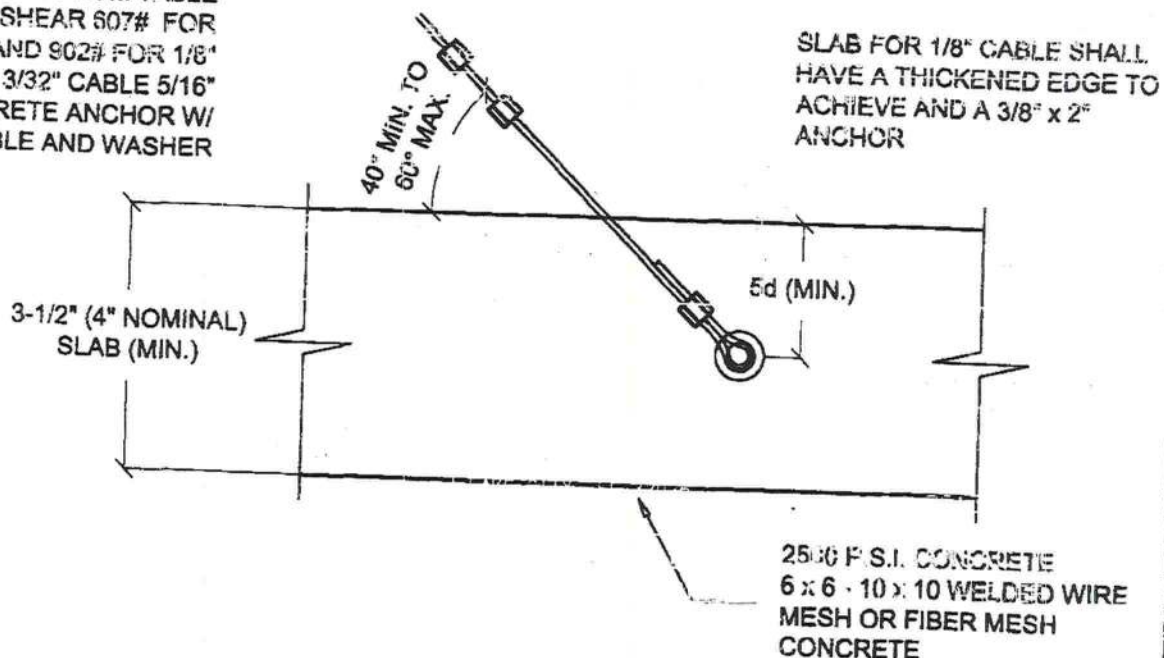
Lawrence E. Bennett, P.E.  
CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
P.O. BOX 214368, SOUTH DAYTONA, FL 32121  
TELEPHONE (386) 767-4774  
FAX (386) 767-6556



**TYPICAL CABLE CONNECTION AT SLAB DETAIL - DETAIL 2**

SCALE: 3" = 1'-0"

SELECT ANCHOR FROM TABLE  
9-1A MIN. SHEAR 907# FOR  
3/32" CABLE AND 902# FOR 1/8"  
CABLE, FOR 3/32" CABLE 5/16"  
x 2" CONCRETE ANCHOR W/  
CABLE THIMBLE AND WASHER



**ALTERNATE CABLE CONNECTIONS @ FOUNDATION - DETAIL 2A**

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E.  
CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
P.O. BOX 214388, SOUTH DAYTONA, FL 32121  
TELEPHONE (386) 767-4774  
FAX (386) 767-6566

© COPYRIGHT 2003

NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF LAWRENCE E. BENNETT, P.E.

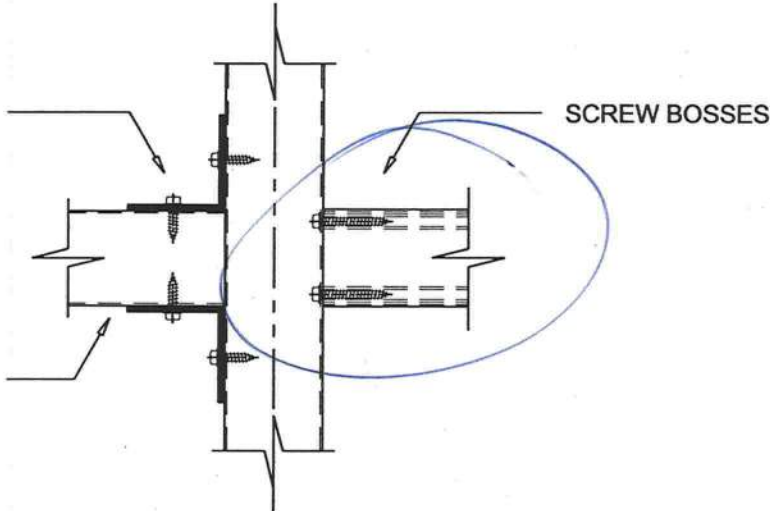
PAGE

1-39



INTERNAL OR EXTERNAL  
'L' CLIP OR 'U' CHANNEL CHAIR  
RAIL ATTACHED TO POST W/  
MIN. (4) #10 S.M.S.

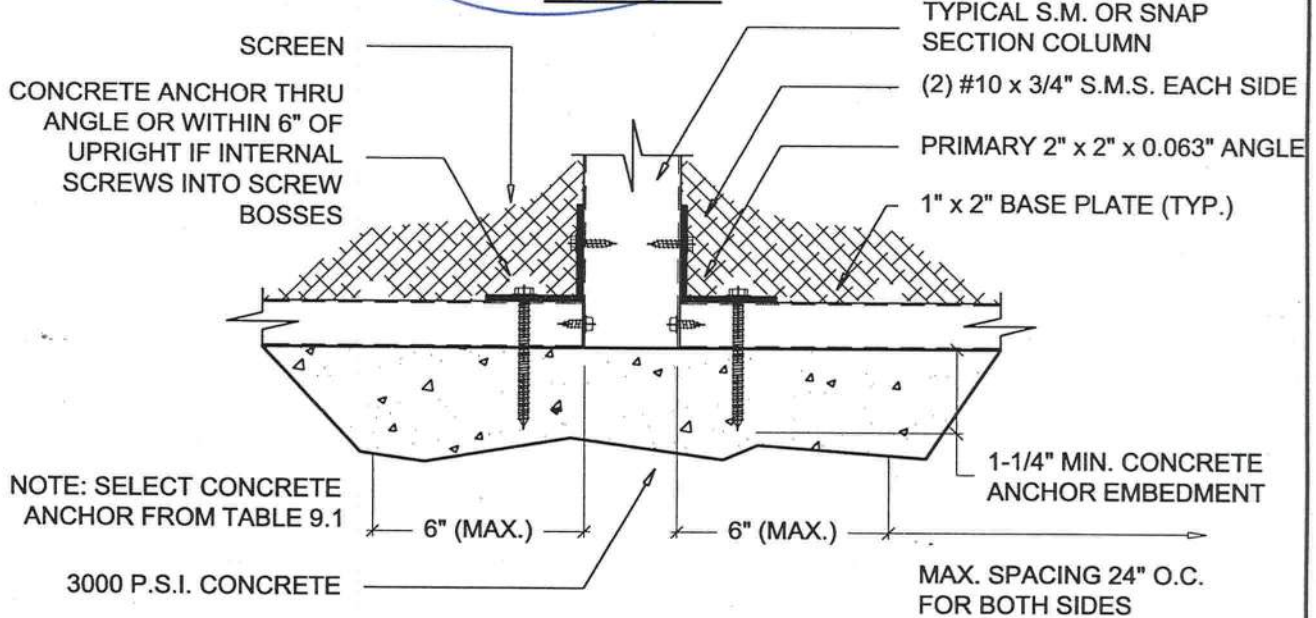
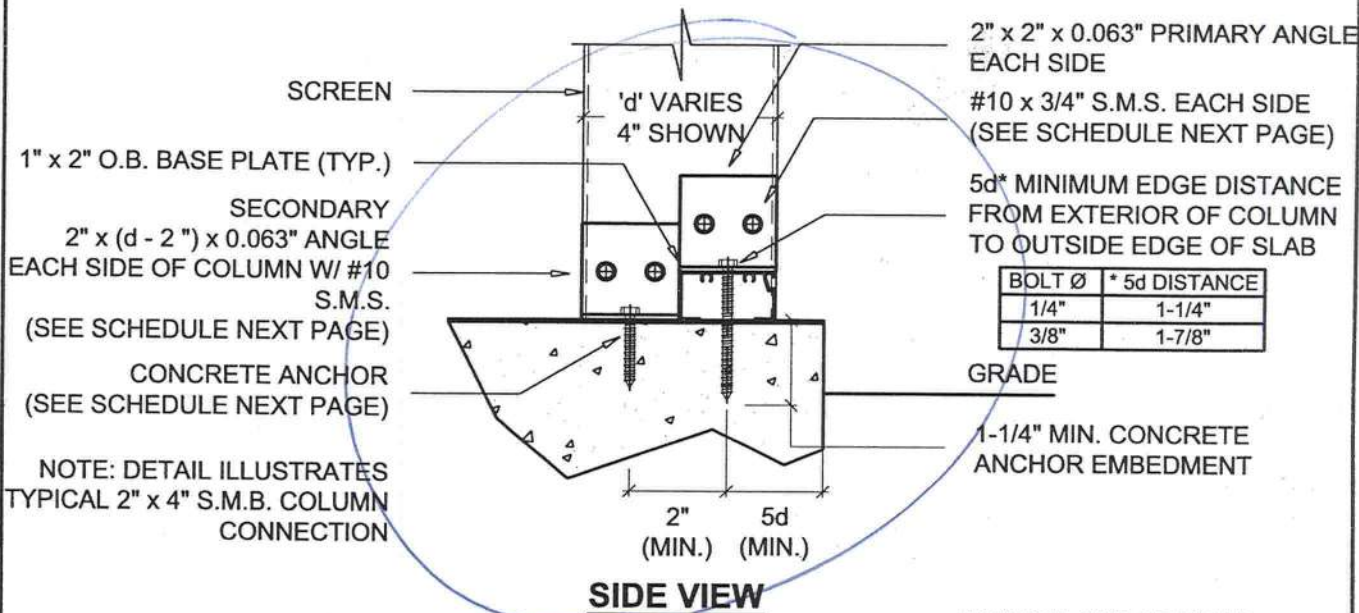
GIRT OR CHAIR RAIL  
2" x 2" x 0.044" HOLLOW MIN.



**GIRT TO POST DETAIL**

SCALE: 3" = 1'-0"

**Lawrence E. Bennett, P.E.**  
CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
P.O. BOX 214368, SOUTH DAYTONA, FL 32121  
TELEPHONE (386) 767-4774  
FAX (386) 767-6556

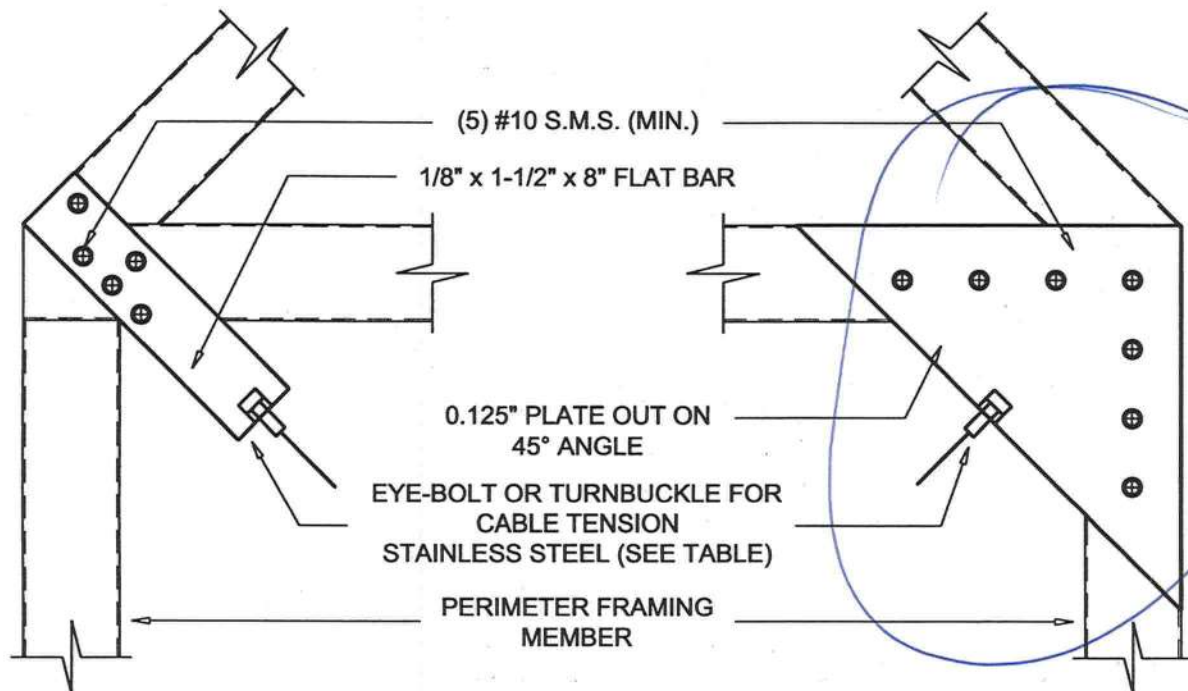


**2" x 4" OR LARGER SELF MATING OR SNAP SECTION POST TO DECK DETAILS**

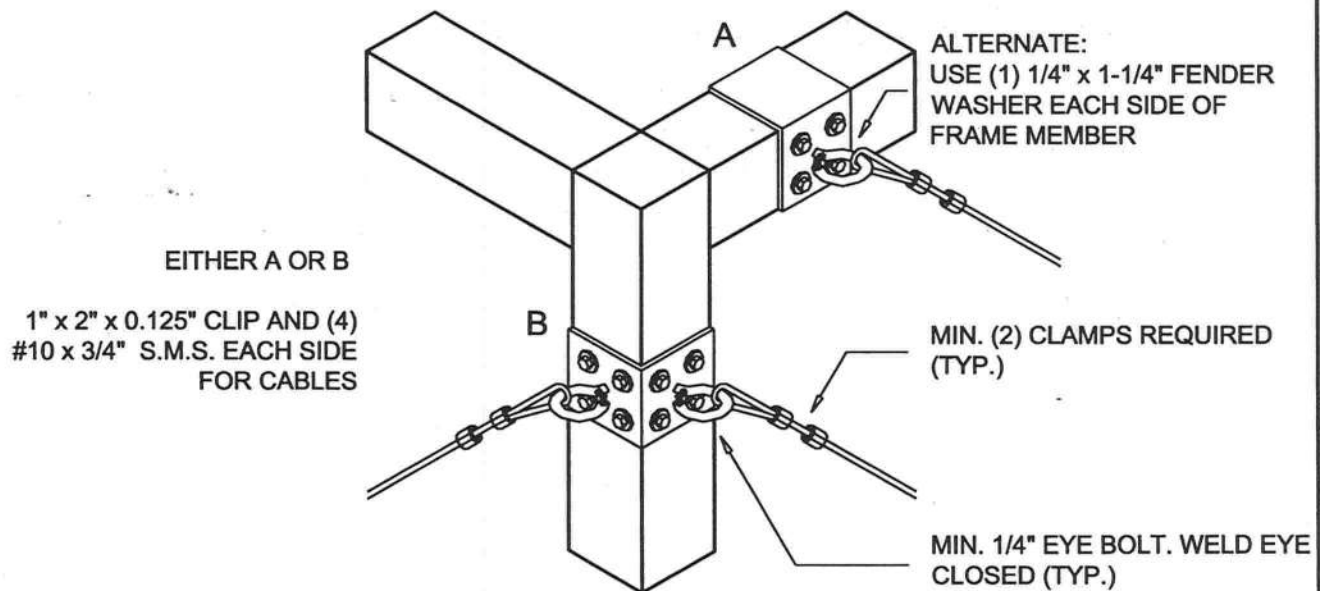
SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E.  
CIVIL ENGINEER - DEVELOPMENT CONSULTANT  
P.O. BOX 214368, SOUTH DAYTONA, FL 32121  
TELEPHONE (386) 767-4774  
FAX (386) 767-6556



**TYPICAL CABLE CONNECTIONS @ CORNER - DETAIL 1**

SCALE: 3" = 1'-0"

**ALTERNATE TOP CORNER OF CABLE CONNECTION - DETAIL 1A**

SCALE: 3" = 1'-0"

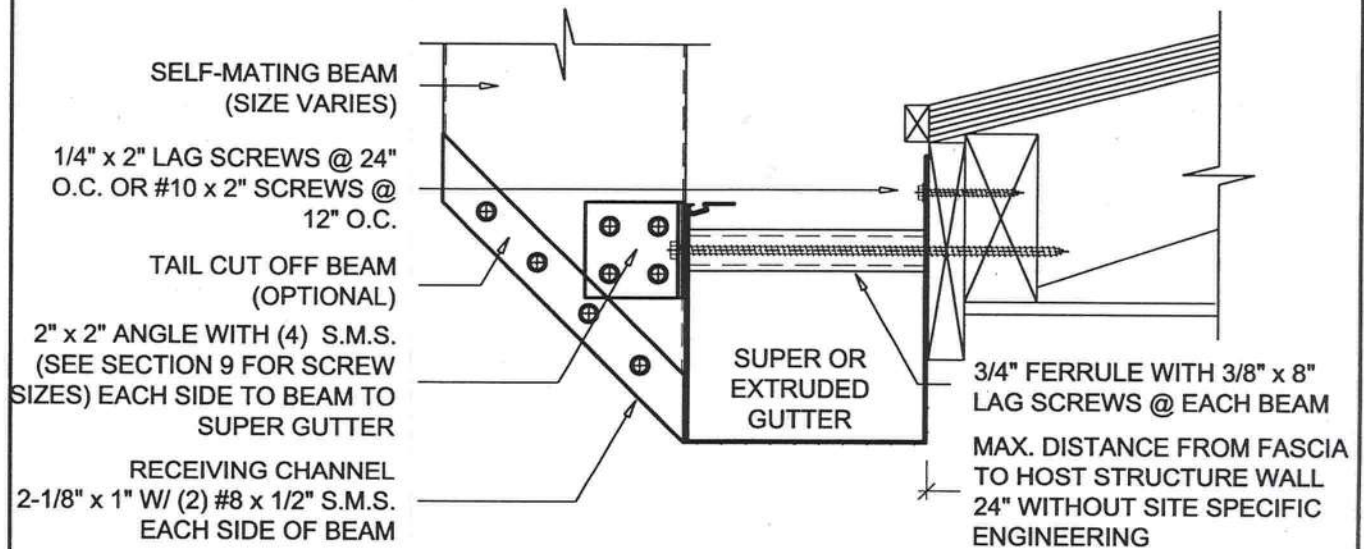
**Lawrence E. Bennett, P.E.**

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

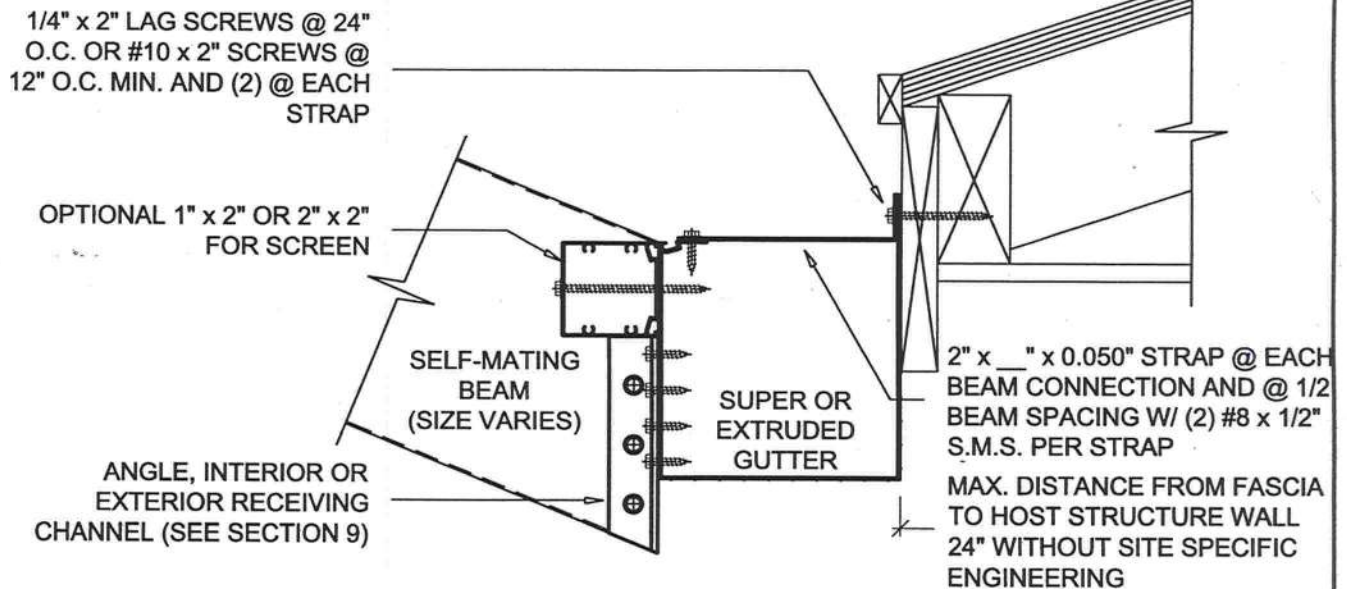
TELEPHONE (386) 767-4774

FAX (386) 767-6556



**SELF MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION**

SCALE: 3" = 1'-0"



**SELF MATING BEAM CONNECTION TO SUPER OR EXTRUDED GUTTER**

SCALE: 3" = 1'-0"

**Lawrence E. Bennett, P.E.**

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE (386) 767-4774

FAX (386) 767-6556



January 01, 2004

LAWRENCE E. BENNETT, P.E.  
P.O. BOX 214368  
SOUTH DAYTONA, FL 32121  
386-767-4774

TO ALL BUILDING DEPARTMENTS

Re: Master File Engineering  
2004 "ALUMINUM STRUCTURES DESIGN MANUAL"

Dear Building Official/Plans Examiner,

This is to certify that the following contractor/company is hereby authorized to use my "ALUMINUM STRUCTURES DESIGN MANUAL" for the year 2004.

This authorization also applies to contractor Master File Drawings, "ONE JOB ONLY" drawings, or any "SITE SPECIFIC" drawings that I may furnish for the contractor.

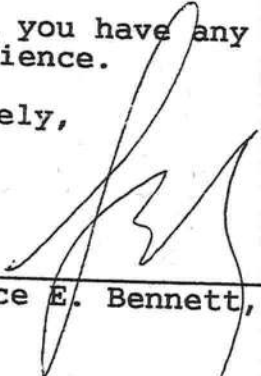
Anthony Trimble

Lake Side Aluminum  
RT 9 Box 2074  
Lake City, FL 32024

The 2004 "ALUMINUM STRUCTURES DESIGN MANUAL" will be sent out in March of 2004, so as to include any 2004 code changes. They are hereby added to my 2004 Master File.

Should you have any questions please contact me at your convenience.

Sincerely,

  
\_\_\_\_\_  
Lawrence E. Bennett, P.E. #16644