

DATE 05/04/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021824

APPLICANT DAN TRIMBLE PHONE 386.754.5550
ADDRESS 548 BRANDY WAY LAKE CITY FL 32024
OWNER MARCELO & DEBORAH RIVERA PHONE 386.466.0056
ADDRESS 175 SW PHILLIPS CIRCLE LAKE CITY FL 32024
CONTRACTOR DAN TRIMBLE, LAKESIDE ALUM. INC. PHONE 386.754.5550
LOCATION OF PROPERTY 90-W TO PINEMOUNT ROAD, L, GO 1 MILE DOWN ON R, TURKEY RUN
2ND LOT IN.
TYPE DEVELOPMENT POOL ENCL./SCR. ROOM ESTIMATED COST OF CONSTRUCTION 4000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING RSF-1 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE N/A DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02739-202 SUBDIVISION TURKEY RUN
LOT 2 BLOCK PHASE UNIT TOTAL ACRES .50

5157
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X-04-0055 BLK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.
NOC ON 5/12

Check # or Cash 1183

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 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 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 \$.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 50.00
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.

Building Permit Application

Date 03-04-04

BK 048-04

DAN Tremble

121824

Lot 2 Turkey Run S/D 4/2/04

Application No. 0404-16

HD 4-15-04

Applicants Name & Address Lake City Lakeside Aluminum Inc Phone (386) 754-5550
548 Brandy Way Lake City FL 32024
 Owners Name & Address Marceilo & Deborah Rivera Phone (386) 466-0050
175 SW Phillips Circle Lake City FL 32024
 Fee Simple Owners Name & Address _____ Phone _____

Contractors Name & Address Lake City Lakeside Aluminum Inc Phone 754-5550
548 Brandy Way Lake City FL 32024
 Legal Description of Property 175 SW Phillips Circle, Lake City Columbia County
Lot 2# Turkey Run a subdivision according to the Plate thereof
 Location of Property Plate 7 Pages 116-117 of Public Records of Columbia County
 Driving Directions 90 West to Pinemount Left 1 mile down on Right
 Tax Parcel Identification No. 03-45-16-02739-202 Estimated Cost of Construction \$ 4000.00
 Type of Development Pool Enclosure Screen Room Number of Existing Dwellings on Property #1
 Comprehensive Plan Map Category RLD Zoning Map Category RSF-2
 Building Height 1 story Number of Stories _____ Floor Area _____ Total Acreage in Development _____
 Distance From Property Lines (Set Backs) Front 95.9 Side 20' Rear 80' Street 60.5
 Flood Zone NIA Certification Date _____ Development Permit NIA
 Bonding Company Name & Address _____
 Architect/Engineer Name & Address LAWRENCE P. BENNETT, A/E
 Mortgage Lenders Name & Address _____

Application is hereby made to obtain a permit to do the 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 will 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 regulating construction and zoning.

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[Signature]
 Owner or Agent (including contractor)

[Signature]
 Contractor
CCC 5157
 Contractor License Number

STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this _____ day of _____ by _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this _____ day of _____ by _____

Personally Known _____ OR Produced Identification

Personally Known _____ OR Produced Identification

623-4574

Permit No. _____

Tax Parcel No. 03-45-16-02739-202

COLUMBIA COUNTY NOTICE OF COMMENCEMENT

STATE OF FLORIDA

Inst:2004007472 Date:04/02/2004 Time:16:50

COUNTY OF COLUMBIA

MCK DC, P. DeWitt Cason, Columbia County B:1011 P:1433

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 #2 Turkey Run Plate 7 pages 116-117
of Public Records of Columbia County -
175 SW Phillips Circle, Lake City FL 32024

2. General description of improvement: Pool Screen Enclosure

3. Owner Information:

A. Name and address:

Marcelo
~~Marcelo~~ & Deborah Rivera

175 SW Phillips Circle Lake City FL 32024

B. Interest in property:

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

4. Contractor: (name and address)

Lake City Lakeside Aluminum FNC.
548 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.

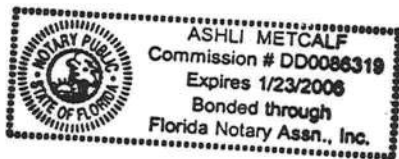
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____.

Pharcel Pin
(Signature of Owner)

SWORN TO and subscribed before me this 31 day of March
192004 / R16054044110-0 Ashli Metcalf
Ashli Metcalf
Notary Public

(NOTARIAL
SEAL)

My Commission Expires: 1/23/06



Inst:2004007472 Date:04/02/2004 Time:16:50
DC,P.DeWitt Cason,Columbia County B:1011 P:1434

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.

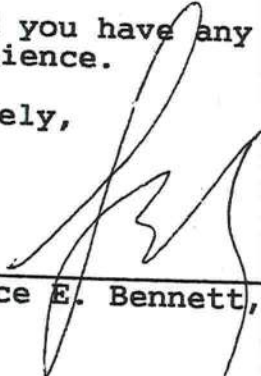
Anthony Trimble

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

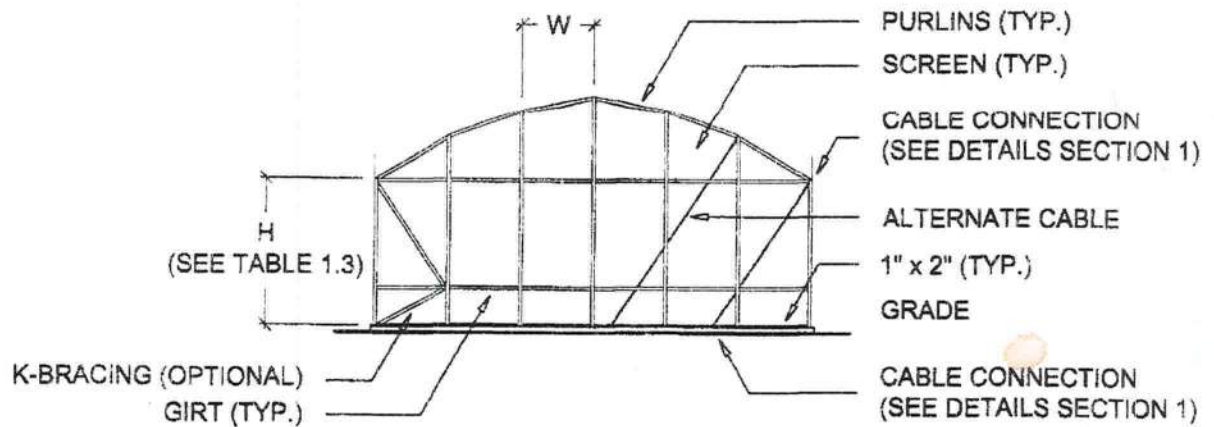
The 2004 "ALUMINUM STRUCTURES DESIGN MANUAL" will be sent out in March of 2004, so as to include any 2004 code changes. They are hereby added to my 2004 Master File.

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

Sincerely,

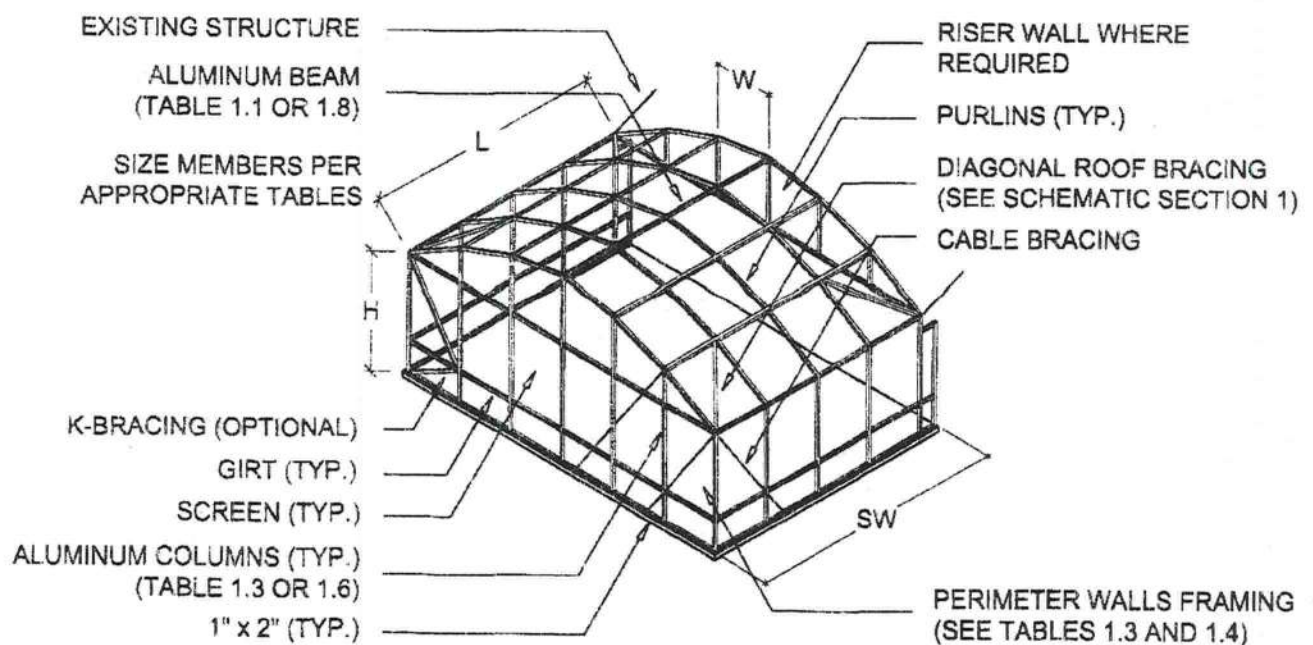


Lawrence E. Bennett, P.E. #16644



TYPICAL DOME ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL DOME ROOF - ISOMETRIC

SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES.

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

SCREENED ENCLOSURES

SECTION 1

Table 1.6 Minimum Upright Sizes and Number of Screws for Connection of Roof Beams To Wall Uprights or Beam Splicing

Beam Size	Upright Size	Minimum Purlin, Girt & Knee Brace Size**	Deck Anchors	Notes	Minimum Number of Screws*			Beam Stitching Screw @ 24" O.C.
					#8 x 1/2"	#10 x 1/2"	#12 x 1/2"	
2" x 3"	2" x 3"	2" x 2" x 0.044"	2	Full Lap	6	4	4	-
2" x 4"	2" x 3"	2" x 2" x 0.044"	2	Full Lap	8	6	4	#8
2" x 4"	2" x 4"	2" x 2" x 0.044"	2	Full Lap	8	6	4	#10
2" x 5"	2" x 3"	2" x 2" x 0.044"	2	Full Lap	8	6	4	#8
2" x 6"	2" x 3"	2" x 2" x 0.044"	4	Full Lap	10	8	6	#10
2" x 6"	2" x 4"	2" x 2" x 0.044"	4	Partial Lap	10	8	6	#10
2" x 7"	2" x 4"	2" x 2" x 0.044"	4	Partial Lap	14	12	10	#12
2" x 8"	2" x 5"	2" x 3" x 0.044"	6	Partial Lap	16	14	12	#14
2" x 9"	2" x 6"	2" x 3" x 0.045"	6	Partial Lap	18	16	14	#14
2" x 9"***	2" x 7"	2" x 4" x 0.050"	8	Partial Lap	20	18	16	#14
2" x 10"	2" x 8"	2" x 4" x 0.050"	10	Partial Lap	20	18	16	#14

Screw Size	Minimum Distance and Spacing of Screws		Gusset Plate Thickness	
	Edge To Center	Center To Center	Beam Size	Thickness
#8	5/16"	5/8"	2" x 7" x 0.055" x 0.120"	1/16" = 0.063"
#10	3/8"	3/4"	2" x 8" x 0.072" x 0.224"	1/8" = 0.125"
#12	1/2"	1"	2" x 9" x 0.072" x 0.224"	1/8" = 0.125"
#14 or 1/4"	3/4"	1-1/2"	2" x 9" x 0.082" x 0.306"	1/8" = 0.125"
5/16"	7/8"	1-3/4"	2" x 10" x 0.082" x 0.369"	1/4" = 0.25"
3/8"	1"	2"		

* Refers to each side of the connection of the beam and upright and each side of splice connection.

** 0.082" wall thickness, 0.310" flange thickness

Note:

1. Connection of 2" x 6" to 2" x 3" shall use a full lap cut or 1/16" gusset plate.
2. All gusset plates shall be a minimum of 5052 H-32 Alloy or have a minimum yield strength of 23 ksi.
3. For beam splice connections the number of screws shown is the total for each splice with 1/2 the screws on each side of the cut.
4. The number of screws is based on the maximum allowable moment of the beam.
5. The number of deck anchors is based on RAWL R Tapper allowable load data for 2,500 psi concrete and / or equal anchors may be used. The number shown is the total use 1/2 per side.
6. Hollow splice connections can be made provided the connection is approved by the engineer.
7. If a larger than minimum upright is used the number of screws is the same for each splice with 1/2 the screws on each side of the cut.
8. All beam to upright connections for 2" x 7" beams or larger shall have an internal or external gusset plates. Gusset plates are required for mansard or gable splice connections.
9. For gusset plate connections 2" x 9" beams or larger use 3/4" long screws.
10. The side wall upright shall have a minimum beam size as shown above, i.e., a 2" x 4" upright shall have a 2" x 3" beam.
11. Connect beam to upright w/ H-bar, gusset plate, or angle clips for each splice with 1/2 the screws on each side of the cut.

Table 1.7 Minimum Size Screen Enclosure Knee Braces And Anchoring Required
Aluminum 6063 T-6

Brace Length	Extrusion	Anchoring System
0' - 2'-0"	2" x 2" x 0.044"	2" H-Channel With (3) #10 x 1/2" EACH SIDE
To 3'-0"	2" x 3" x 0.045"	2" H-Channel With (3) #10 x 1/2" EACH SIDE
To 4'-6"	2" x 4" x 0.044" x 0.12"	2" H-Channel With (4) 3/4" long screws (size to be determined by beam size, see table 9.6)

(See Table 1.6 For Number And Size Of Screws)

Note:

1. For required knee braces greater than 4'-6" contact engineer for specifications and details.
2. Cantilever beam detail shown on page 1-32 shall be used for host structure attachment when knee brace length exceeds 4'-6".

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

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

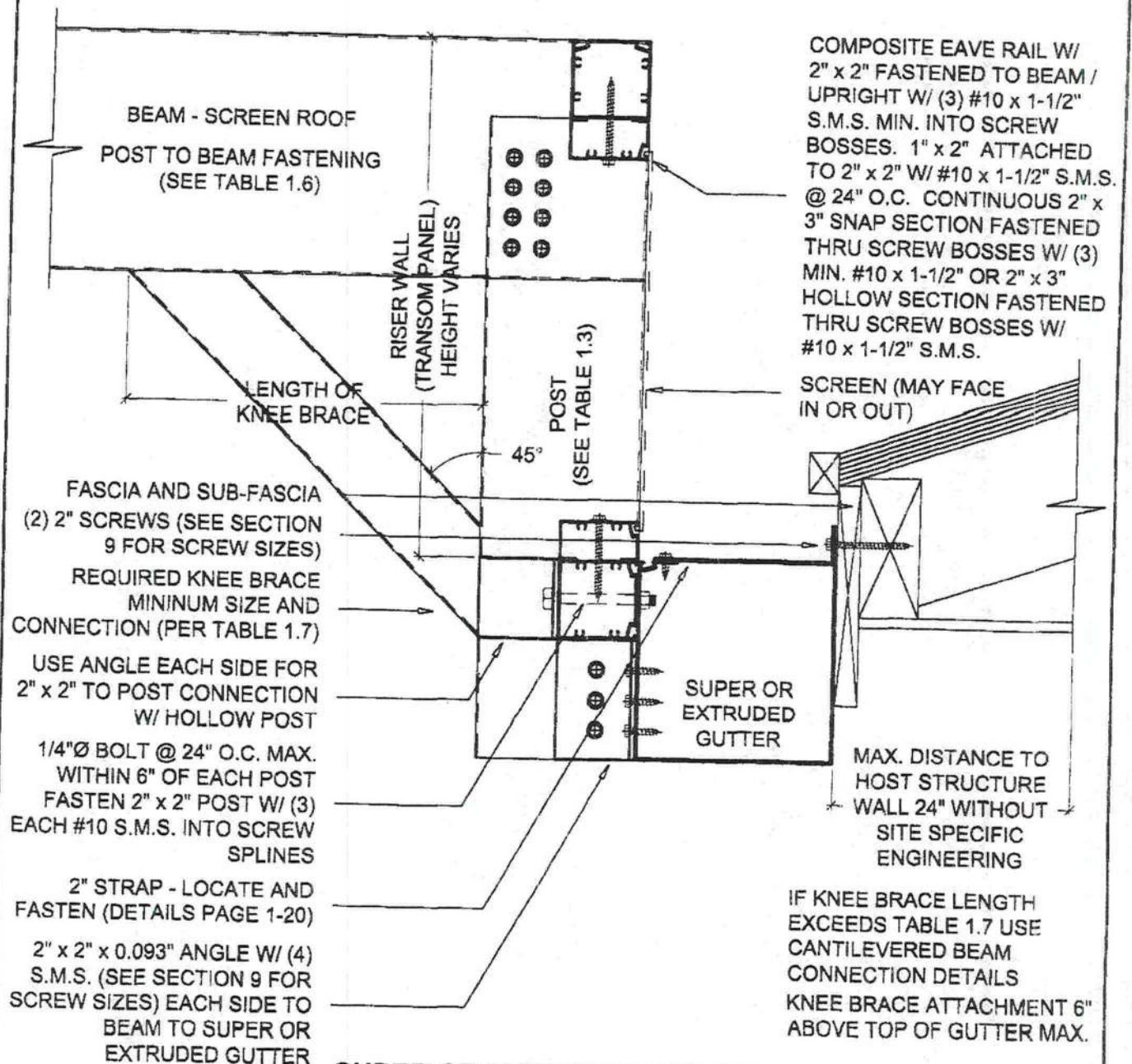
Snap Sections	Tributary Load Width "W" = Beam Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Span 'L' / bending 'b' or deflection 'd'						
2" x 2" x 0.044"	11'-9" b	10'-2" b	9'-1" b	8'-4" b	7'-8" b	7'-2" b	6'-9" b
2" x 3" x 0.045"	15'-1" b	13'-1" b	11'-8" b	10'-8" b	9'-10" b	9'-3" 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"

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P.O. BOX 214368, SOUTH DAYTONA, FL 32121
TELEPHONE (386) 767-4774
FAX (386) 767-6556



**SUPER OR EXTRUDED GUTTER
RISER (OR TRANSOM) WALL @ FASCIA - DETAIL 1**

SCALE: 3" = 1'-0"

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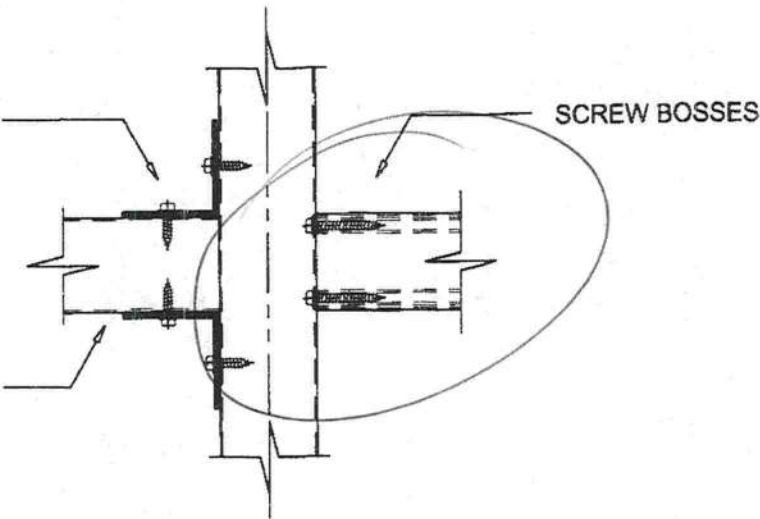
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

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FAX (386) 767-6556

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

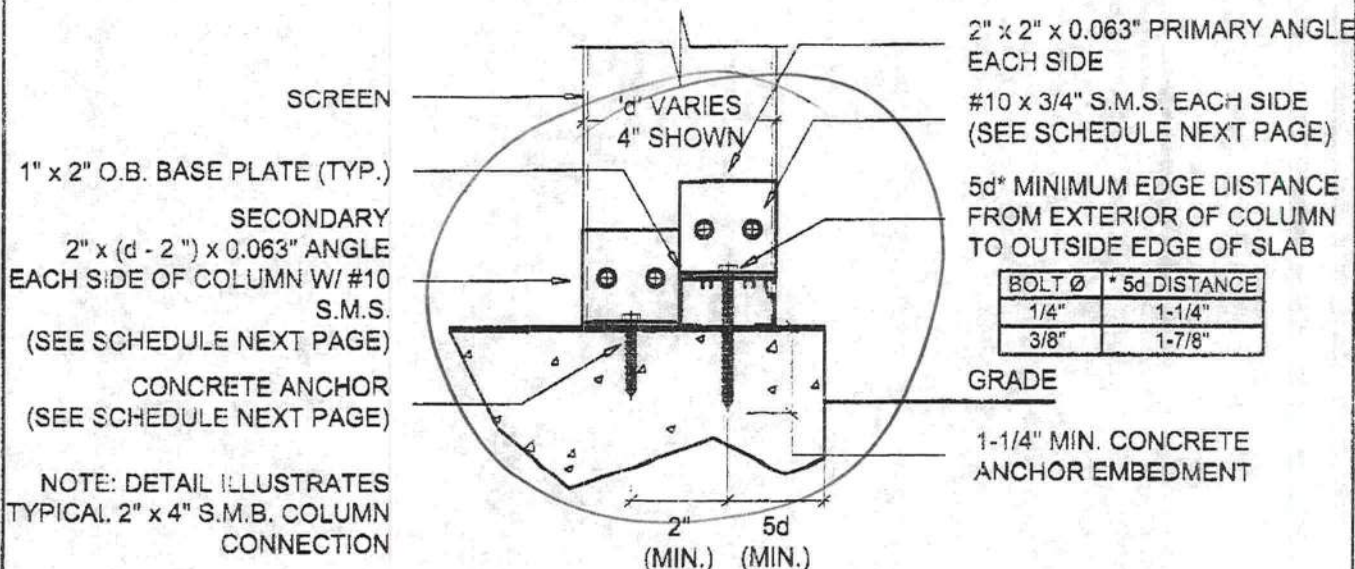
GIRT OR CHAIR RAIL
2" x 2" x 0.044" HOLLOW MIN.



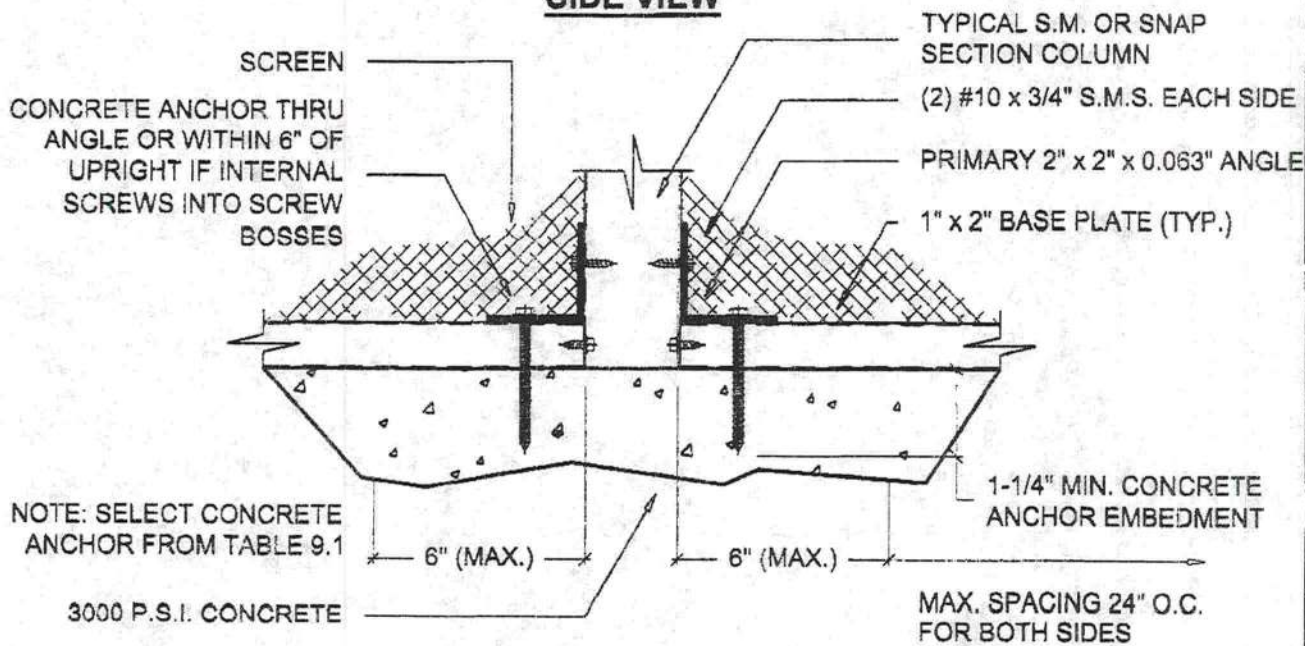
GIRT TO POST DETAIL

SCALE: 3" = 1'-0"

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SIDE VIEW



FRONT VIEW

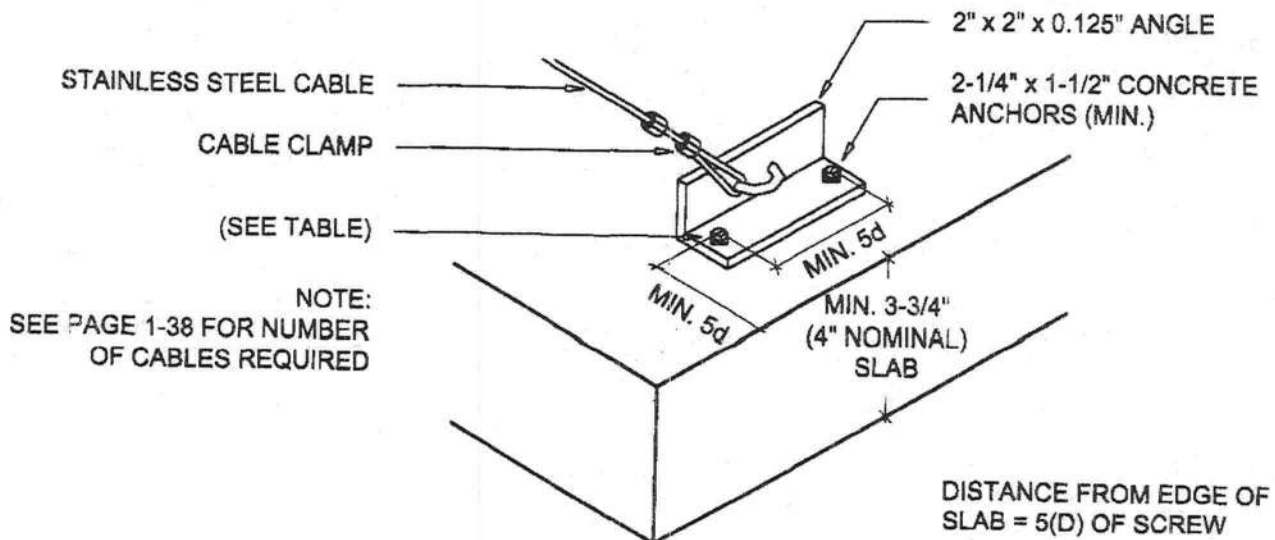
2" x 4" OR LARGER SELF MATING OR SNAP SECTION POST TO DECK DETAILS

SCALE: 3" = 1'-0"

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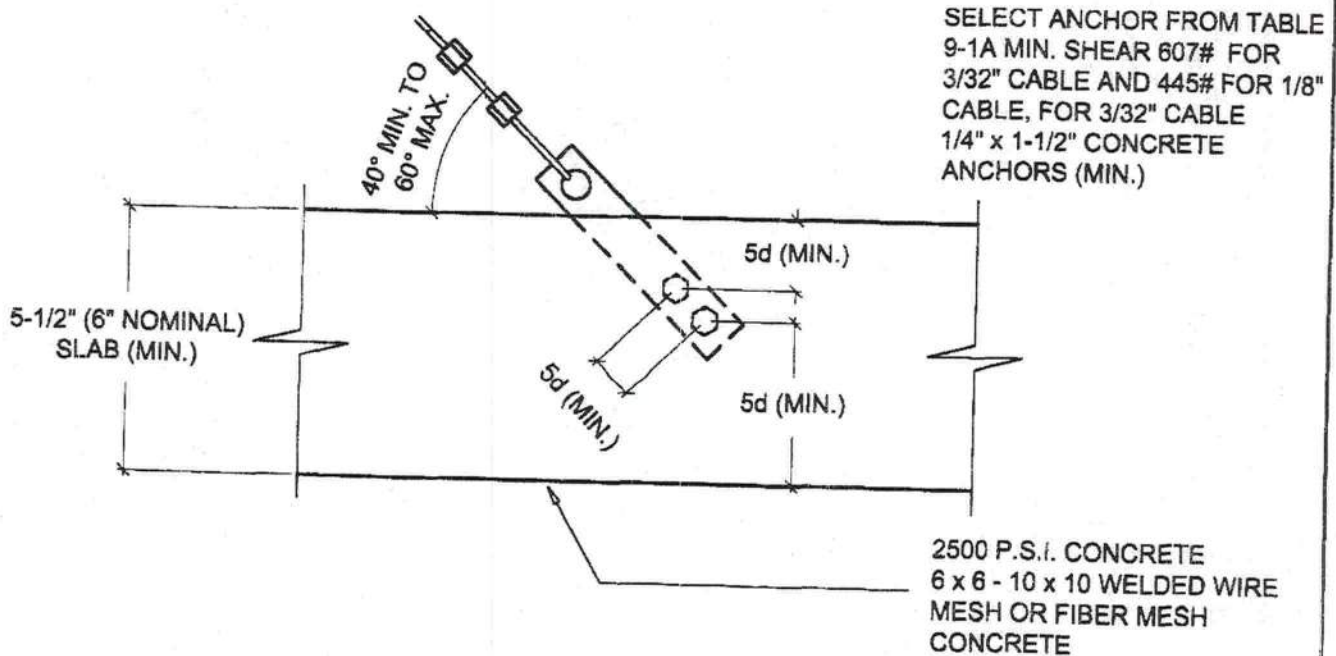
SECTION 1

SCREENED ENCLOSURES



ALTERNATE CABLE CONNECTION AT SLAB DETAIL - DETAIL 2B

SCALE: 3" = 1'-0"



ALTERNATE CABLE CONNECTIONS @ FOUNDATION - DETAIL 2C

SCALE: 3" = 1'-0"

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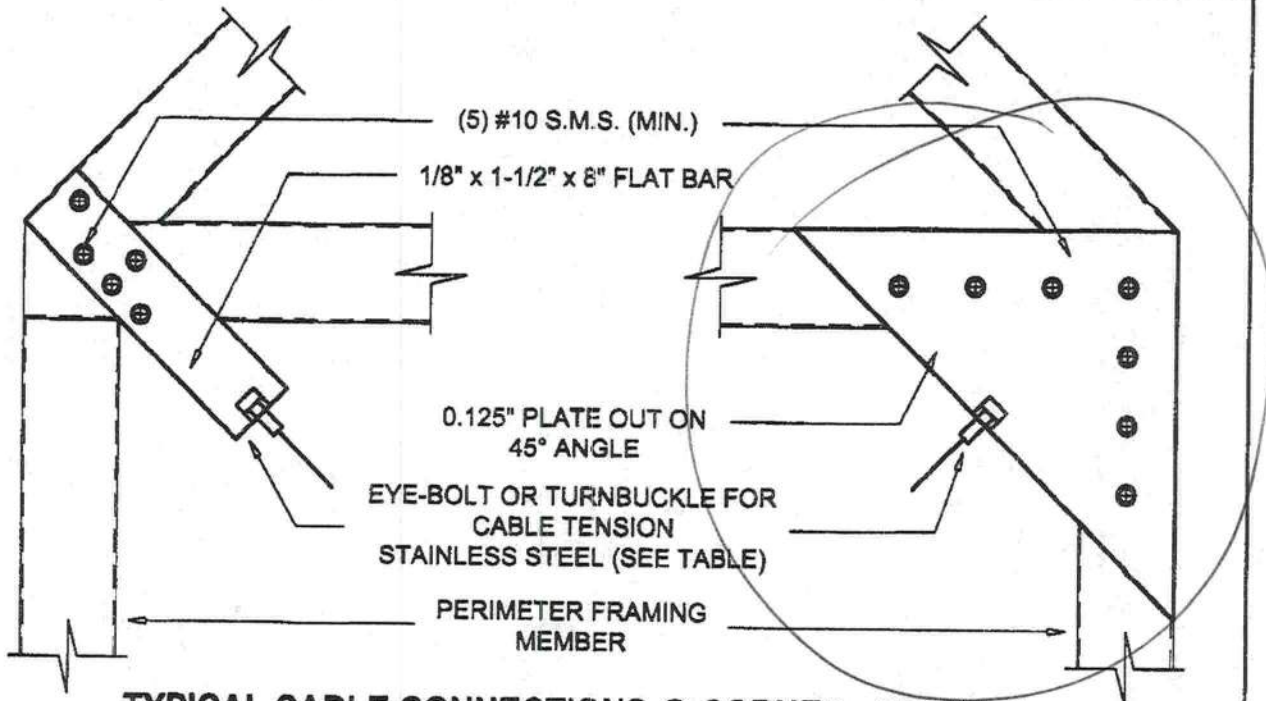
1-40

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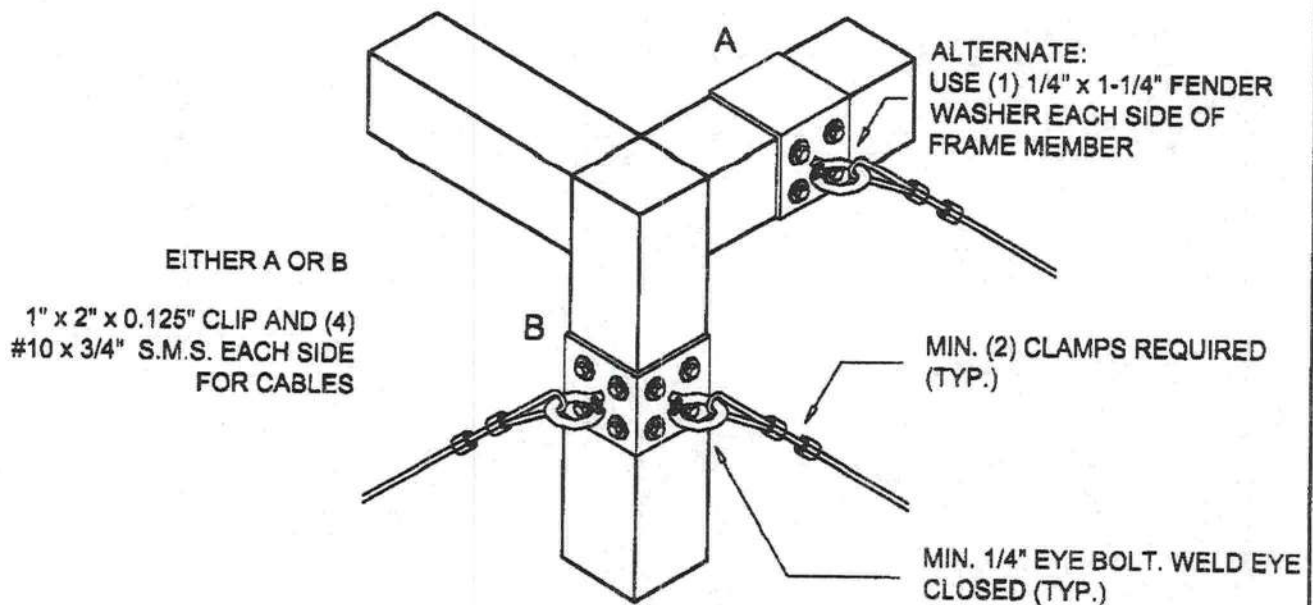
SECTION 1

SCREENED ENCLOSURES



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

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