

For Office Use Only Application # 0609-03 Date Received 9/1/06 By JW Permit # 24952
 Application Approved by - Zoning Official afw Date 9/8/06 Plans Examiner OK JTH Date 9-6-06
 Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RLD
 Comments Panel 175

Applicants Name Lakeside Aluminum Inc. Phone 754-5550
 Address 548 SW Brandy Way Lake City FL 32024
 Owners Name Alexander Brian Phone —
 911 Address 235 SW Stafford Ct Lake City FL 32024
 Contractors Name Lake side Aluminum Inc Phone 754-5880
 Address 548 SW Brandy Way Lake City FL 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 Eng
 Property ID Number 15-45-16-03023-374HX Estimated Cost of Construction 6000.00
 Subdivision Name Callaway Estates Lot 74 Block — Unit — Phase 2
 Driving Directions 90 to Brandford Hwy Left to Flashing Light
Left - Left in Callaway 1st Right follow crowd to Stafford
Left House on Coldersack
 Type of Construction Screen Room Number of Existing Dwellings on Property 1
 Total Acreage 1 Lot Size 1 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing D
 Actual Distance of Structure from Property Lines - Front 50 Side 35 Side 35 Rear 100
 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 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.

[Signature]
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 1 day of September 2006

Personally known — or Produced Identification ✓



[Signature]
 Contractor Signature
 Contractors License Number —
 Competency Card Number —
 NOTARY STAMP/SEAL

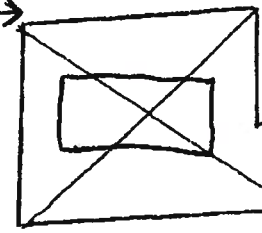
[Signature]
 Notary Signature

1

Lot 74

Callaway S/D Phase 3
WD 1025-514 WD 1060-2738

100'



35'

35'

Existing House

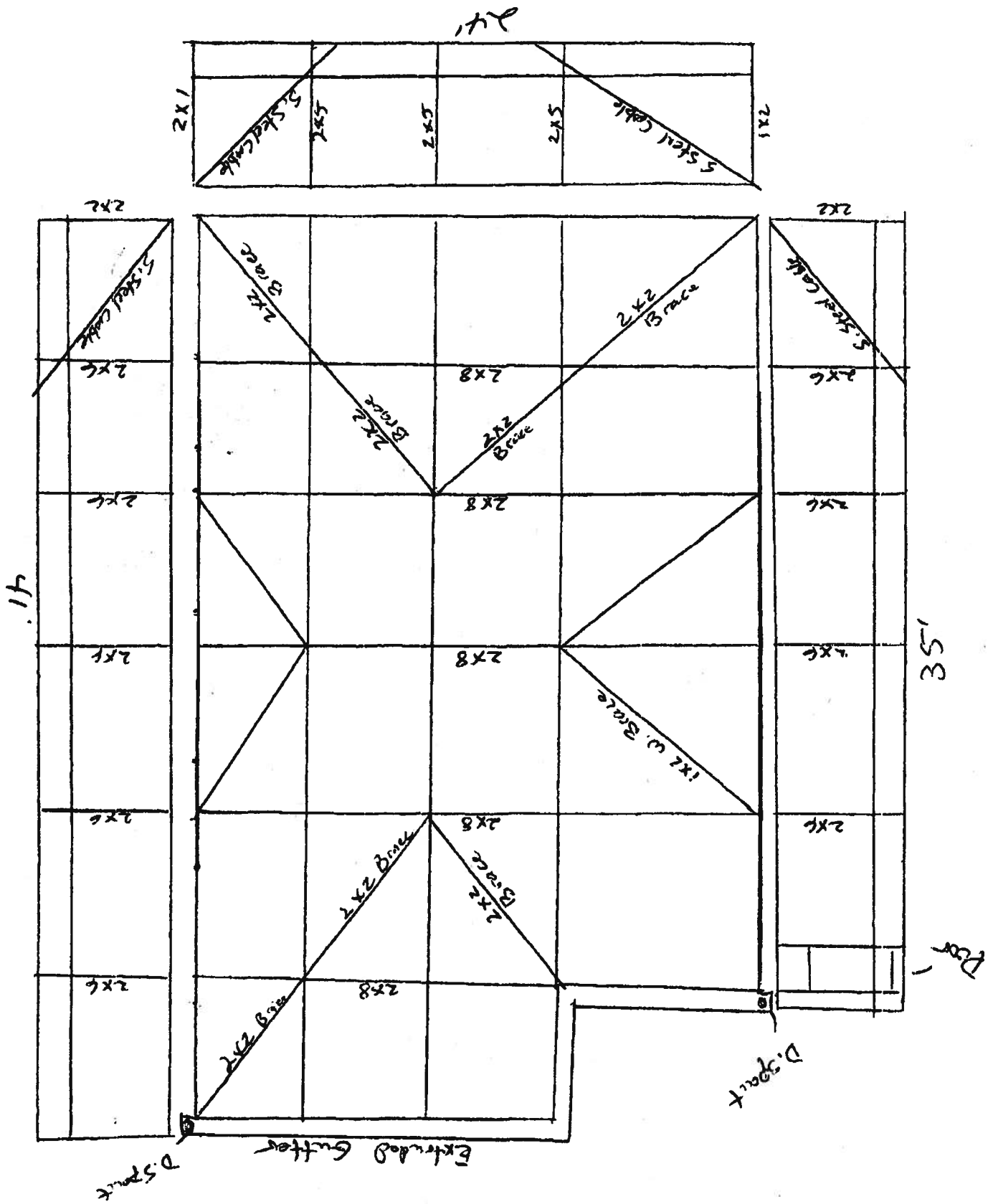
Driveway

50'

235 SW
Stalord Ct

Site
Map

OFFICE COPY



Columbia County Property Appraiser

DB Last Updated: 8/1/2006

Parcel: 15-4S-16-03023-374 HX

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	ALEXANDER BRIAN & JERE
Site Address	STAFFORD
Mailing Address	235 SW STAFFORD CT LAKE CITY, FL 32024
Description	LOT 74 CALLAWAY S/D PHASE 3. WD 1025-514, WD 1060-2738.

Use Desc. (code)	SINGLE FAM (000100)
Neighborhood	15416.00
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	0.590 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$34,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$139,126.00
XFOB Value	cnt: (2)	\$7,485.00
Total Appraised Value		\$180,611.00

Just Value	\$180,611.00
Class Value	\$0.00
Assessed Value	\$180,611.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$155,611.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
10/4/2005	1060/2738	WD	I	Q		\$204,900.00
8/31/2004	1025/514	WD	V	Q		\$23,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2005	Common BRK (19)	2353	2566	\$139,126.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0169	FENCE/WOOD	2005	\$3,120.00	312.000	39 x 8 x 0	(.00)
0166	CONC,PAVMT	2005	\$4,365.00	1746.000	0 x 0 x 0	(.00)

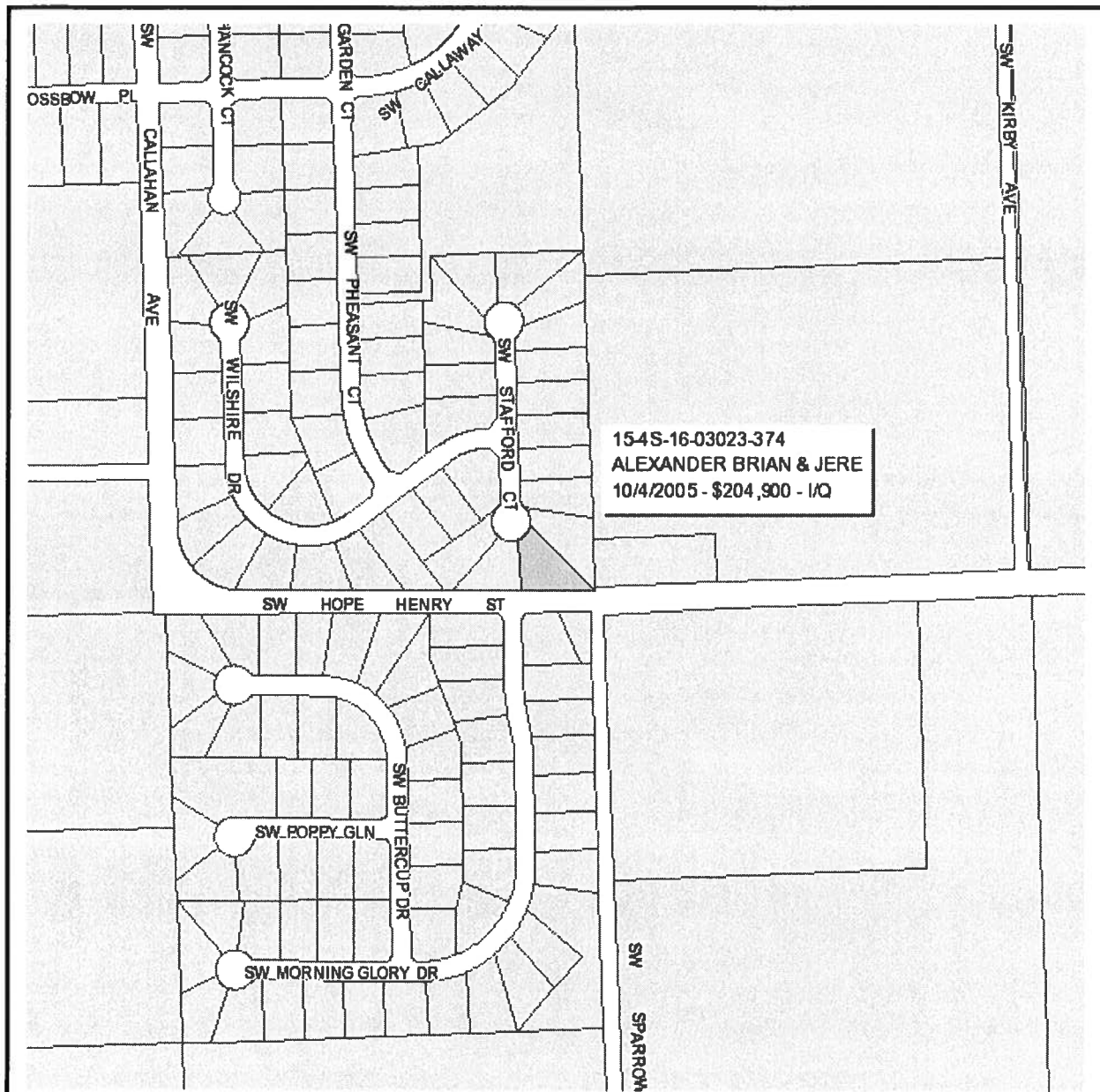
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.590AC)	1.00/1.00/1.00/1.00	\$34,000.00	\$34,000.00

Columbia County Property Appraiser

DB Last Updated: 8/1/2006

1 of 1



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 15-4S-16-03023-374 HX - SINGLE FAM (000100)

Name: ALEXANDER BRIAN & JERE	LandVal	\$34,000.00
Site: STAFFORD	BldgVal	\$139,126.00
235 SW STAFFORD CT	ApprVal	\$180,611.00
Mail: LAKE CITY, FL 32024	JustVal	\$180,611.00
Sales 10/4/2005 \$204,900.00 1 / Q	Assd	\$180,611.00
Info 8/31/2004 \$23,900.00V / Q	Exmpt	\$25,000.00
	Taxable	\$155,611.00

0 210 420 630 ft

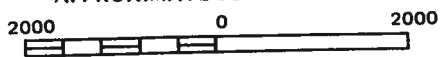


This information, GIS Map Updated: 9/1/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 638-6620.



APPROXIMATE SCALE IN FEET



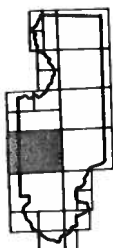
NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
FLOOD INSURANCE RATE MAP**

**COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)**

PANEL 175 OF 290

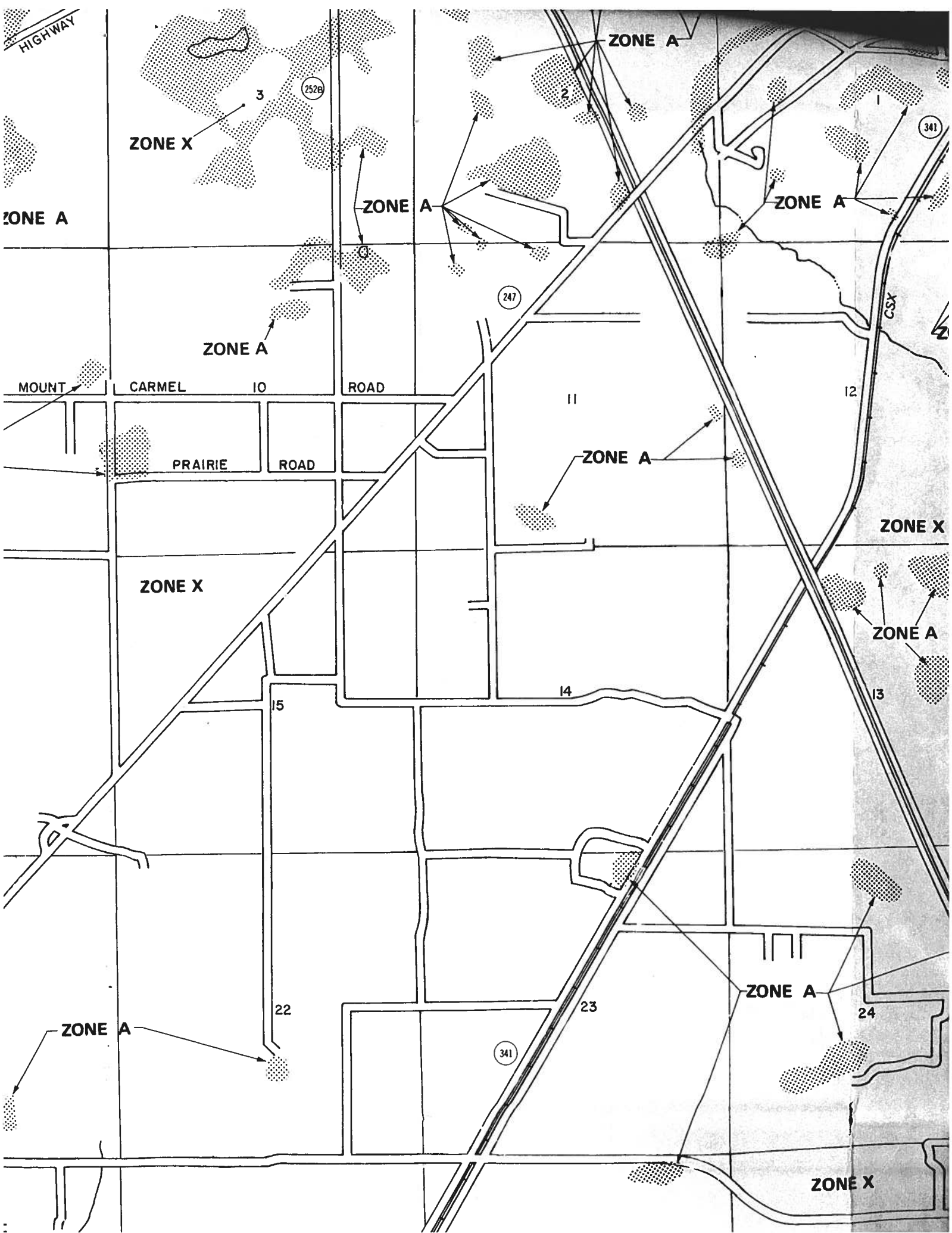
PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0175 B

EFFEATIVE DATE



Lakeside Aluminum Inc.

PHONE: (386) 733-5330

FAX AUTO PICK UP (386) 733-4002

FROM:

DAN Trimble

TO:

Columbia County Building Dept

LOCATION:

COMMENTS:

I'm writing this to give
Permission to my wife Polly Trimble
to pick up my Permits from
your Dept.

DATE:

9-7-06

TIME:

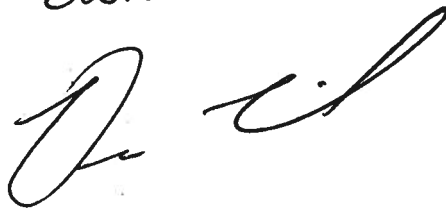
6:45 AM

PAGES:

Thanks

DAN Trimble

owner



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

Note:

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.
7. Spans may be interpolated.

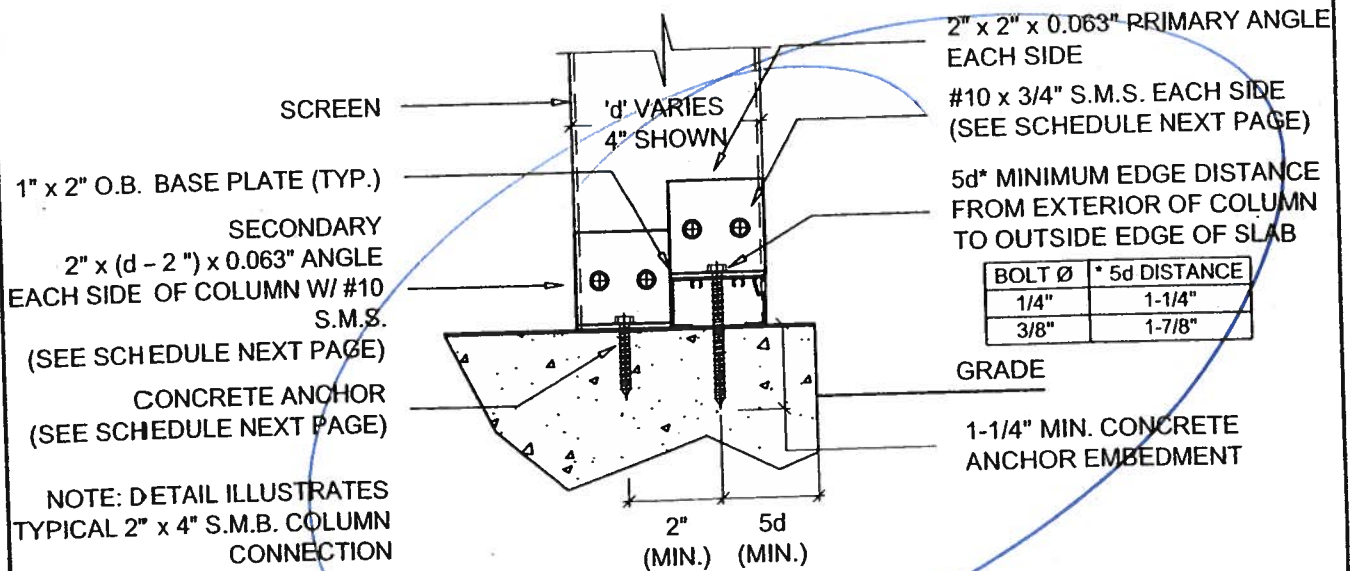
Example: Max. 'L' for 2" x 4" x 0.050" hollow section with 'W' = 5'-0" = 11'-4"

Lawrence E. Bennett, P.E. FL # 16644

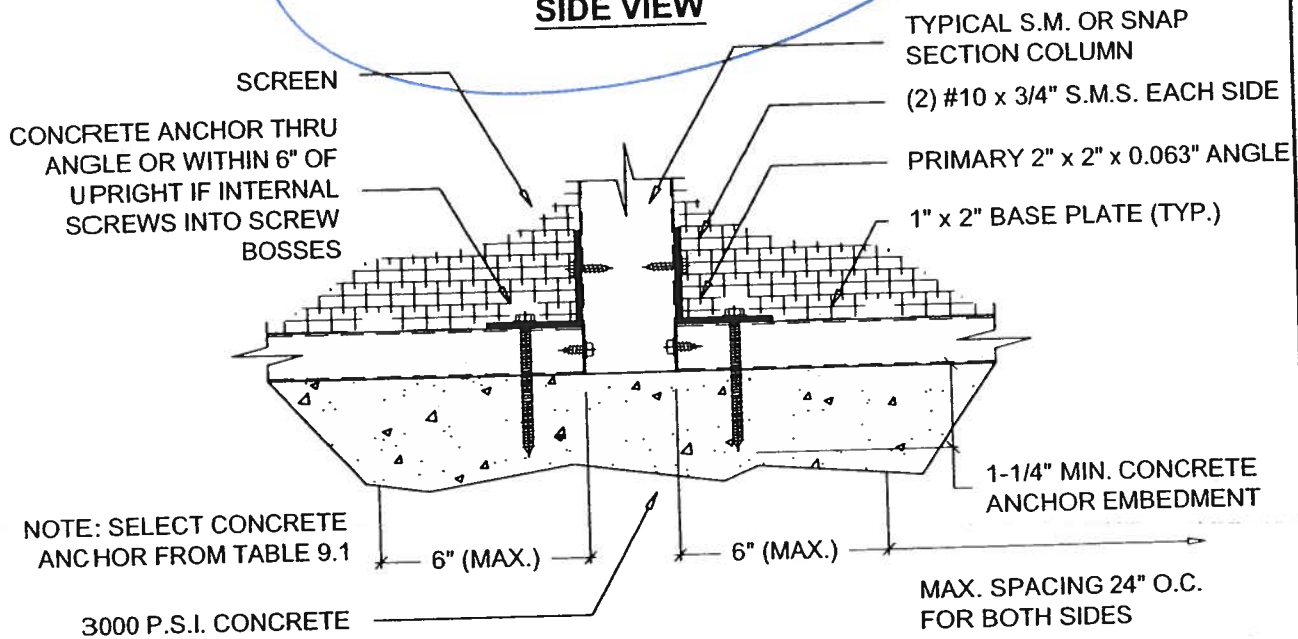
CIVIL ENGINEER - DEVELOPMENT CONSULTANT
P.O. BOX 214368, SOUTH DAYTONA, FL 32121
TELEPHONE: (386) 767-4774
FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES



SIDE VIEW



FRONT VIEW

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

SCALE: 3" = 1'-0"

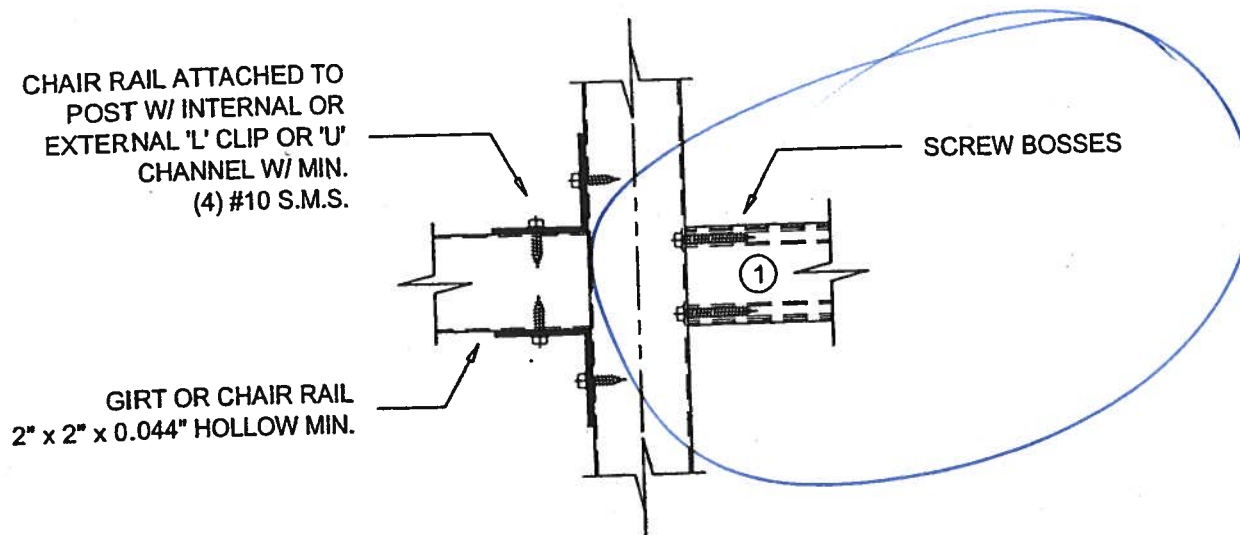
NOTE: FOR SIDE WALLS OF 2" x 4" OR SMALLER ONLY ONE ANGLE IS REQUIRED.

Lawrence E. Bennett, P.E. FL # 16644

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

SECTION 1

SCREENED ENCLOSURES



GIRT TO POST DETAIL

SCALE: 3" = 1'-0"

- ① FOR WALLS LESS THAN 6'-8" FROM TOP OF PLATE TO CENTER OF BEAM CONNECTION OR BOTTOM OF TOP RAIL THE BEAM AND GIRT ARE DECORATIVE
SCREW HEADS MAY BE REMOVED AND INSTALLED IN PILOT HOLES

IF GIRT IS STRUCTURAL AND SCREW HEADS ARE REMOVED THEN THE OUTSIDE OF THE CONNECTION MUST BE STRAPPED FROM GIRT TO BEAM WITH 0.050" x 1-3/4" x 4" STRAP AND (4) #10 x 3/4" S.M.S. SCREWS TO POST AND GIRT

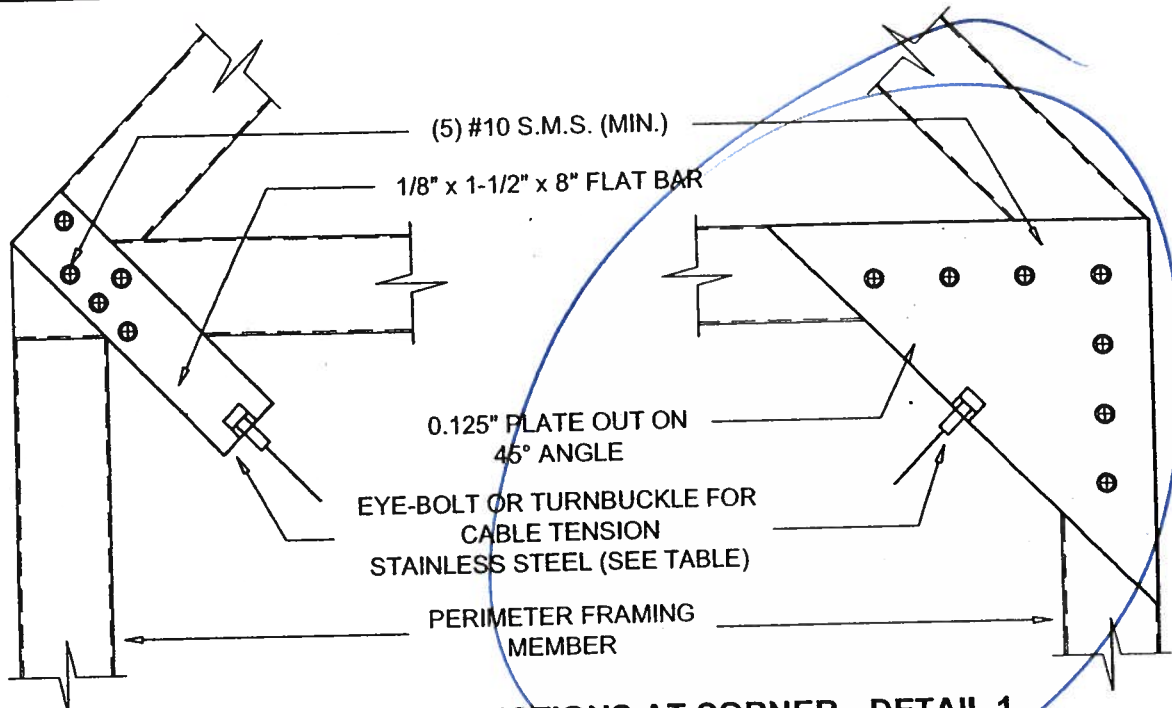
IF GIRT IS ON BOTH SIDES OF THE POST THEN STRAP SHALL BE 6" LONG AND CENTERED ON THE POST AND HAVE A TOTAL (12) #10 x 3/4" S.M.S.

Lawrence E. Bennett, P.E. FL # 16644

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

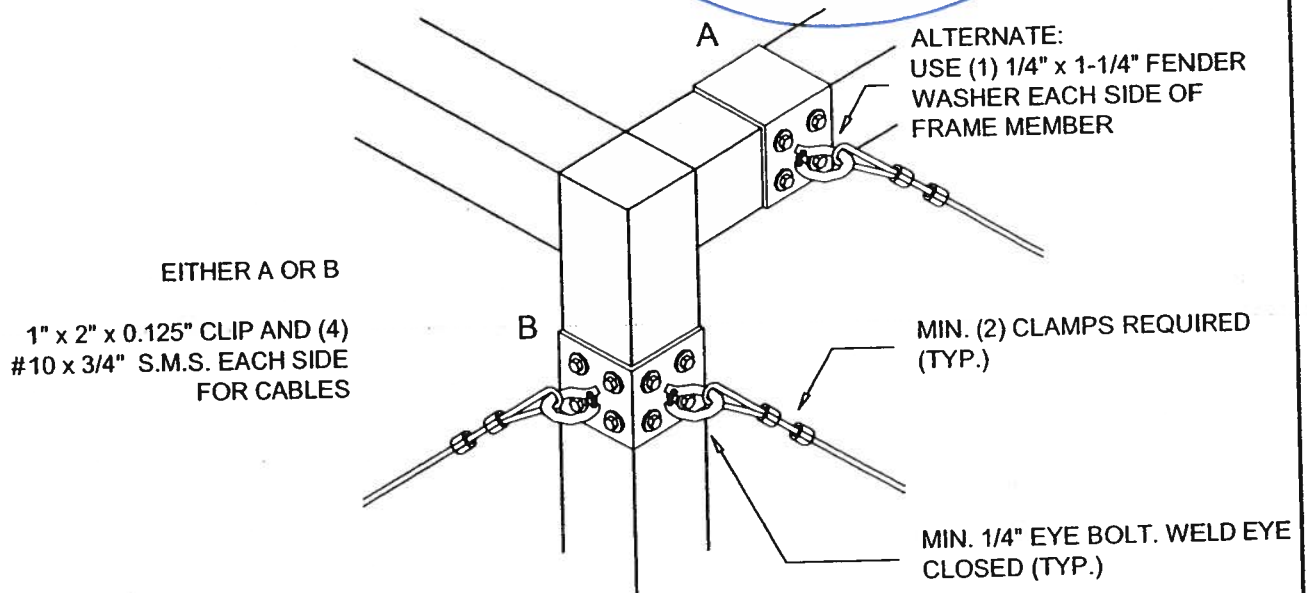
SCREENED ENCLOSURES

SECTION 1



TYPICAL CABLE CONNECTIONS AT CORNER - DETAIL 1

SCALE: 3" = 1'-0"



ALTERNATE TOP CORNER OF CABLE CONNECTION - DETAIL 1A

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

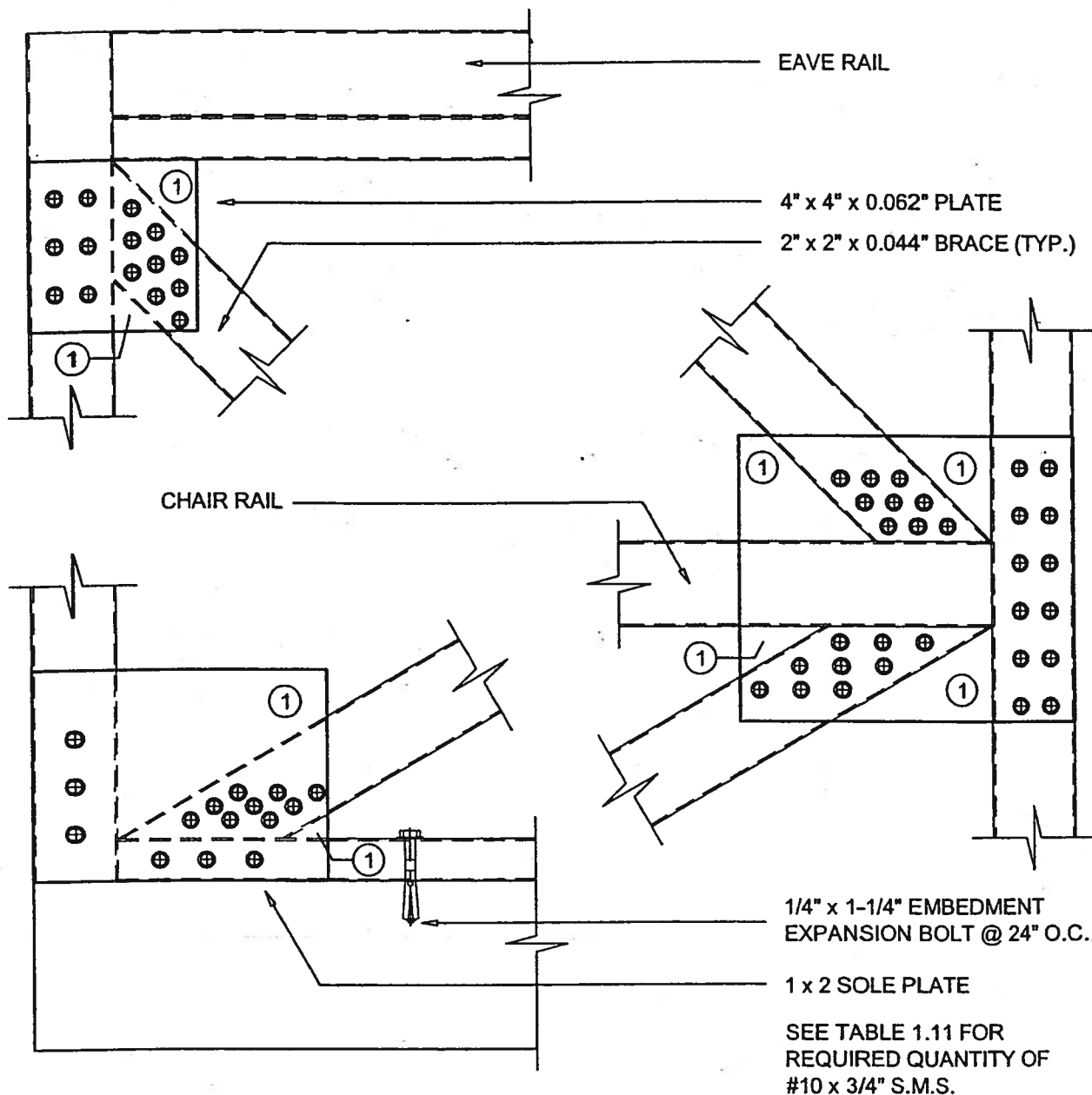
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES



K-BRACING CONNECTION DETAILS

NOTES:

SCALE: 3" = 1'-0"

1. Can trim plate this area.
2. Alternate connections use 'H' bar cut to fit connections.

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

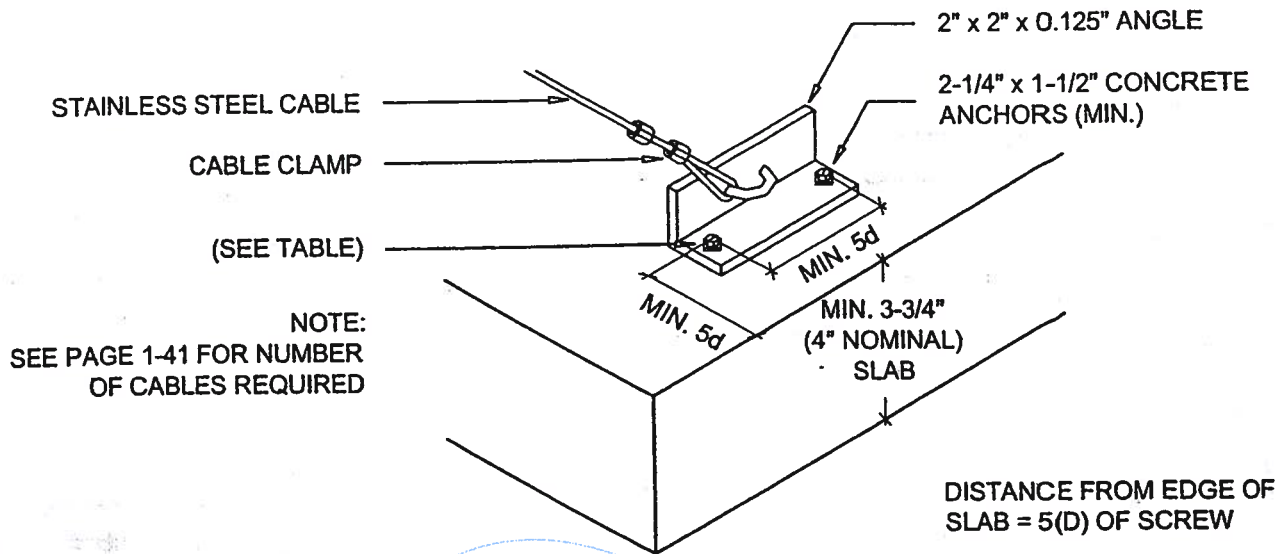
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

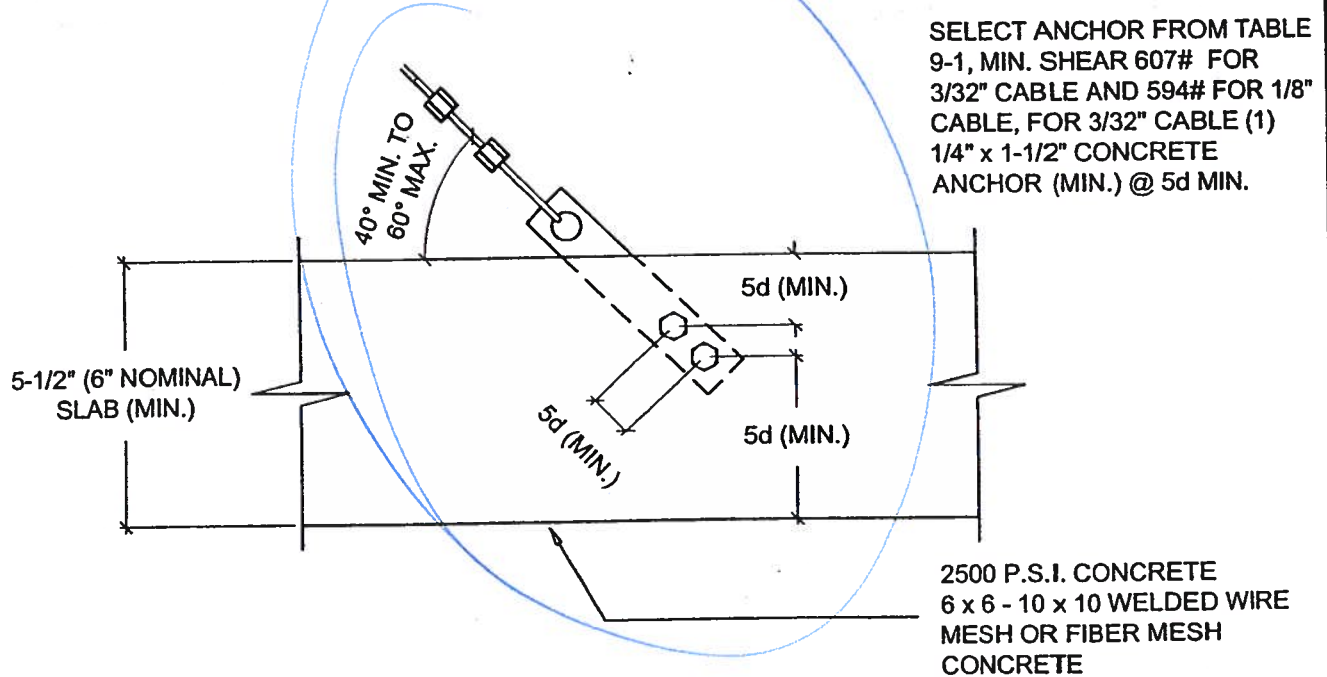
SCREENED ENCLOSURES

SECTION 1



ALTERNATE CABLE CONNECTION AT SLAB DETAIL - DETAIL 2B

SCALE: 3" = 1'-0"



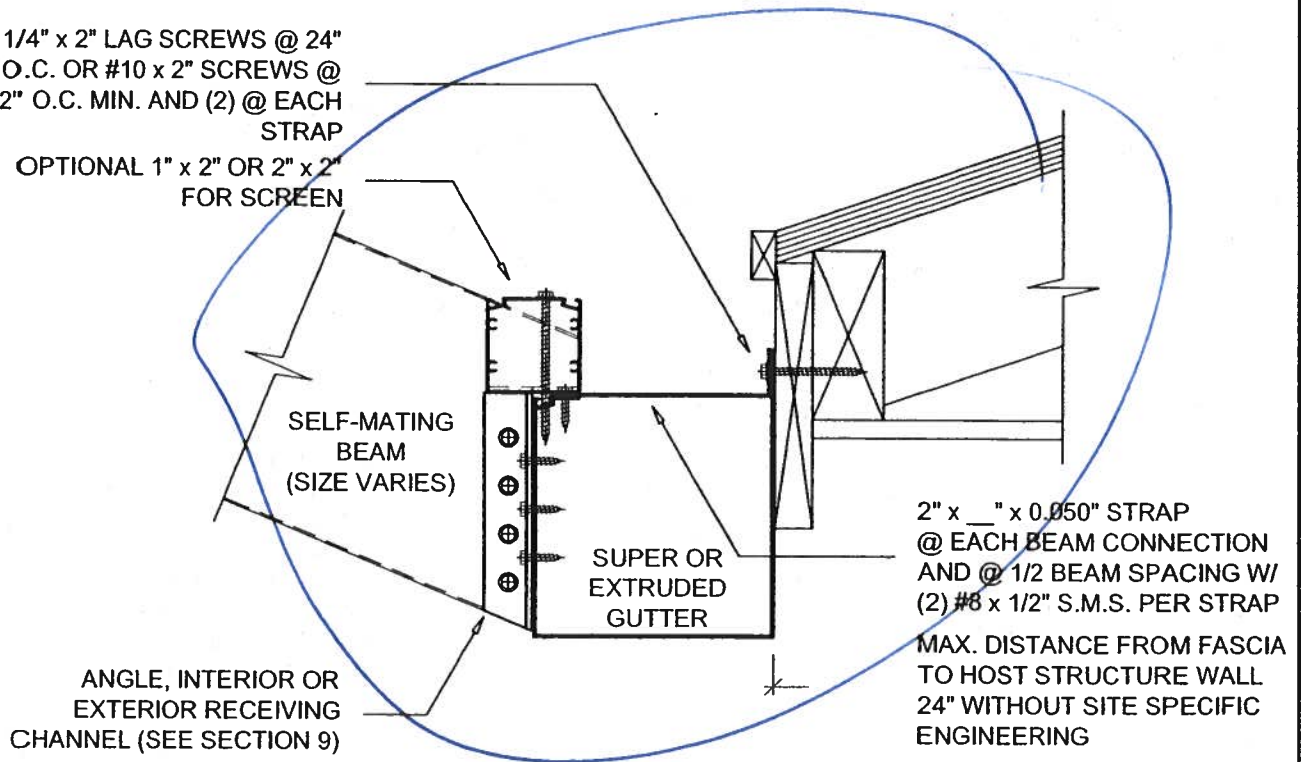
ALTERNATE CABLE CONNECTIONS AT FOUNDATION - DETAIL 2C

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

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

1/4" x 2" LAG SCREWS @ 24"
O.C. OR #10 x 2" SCREWS @
12" O.C. MIN. AND (2) @ EACH
STRAP
OPTIONAL 1" x 2" OR 2" x 2"
FOR SCREEN



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

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

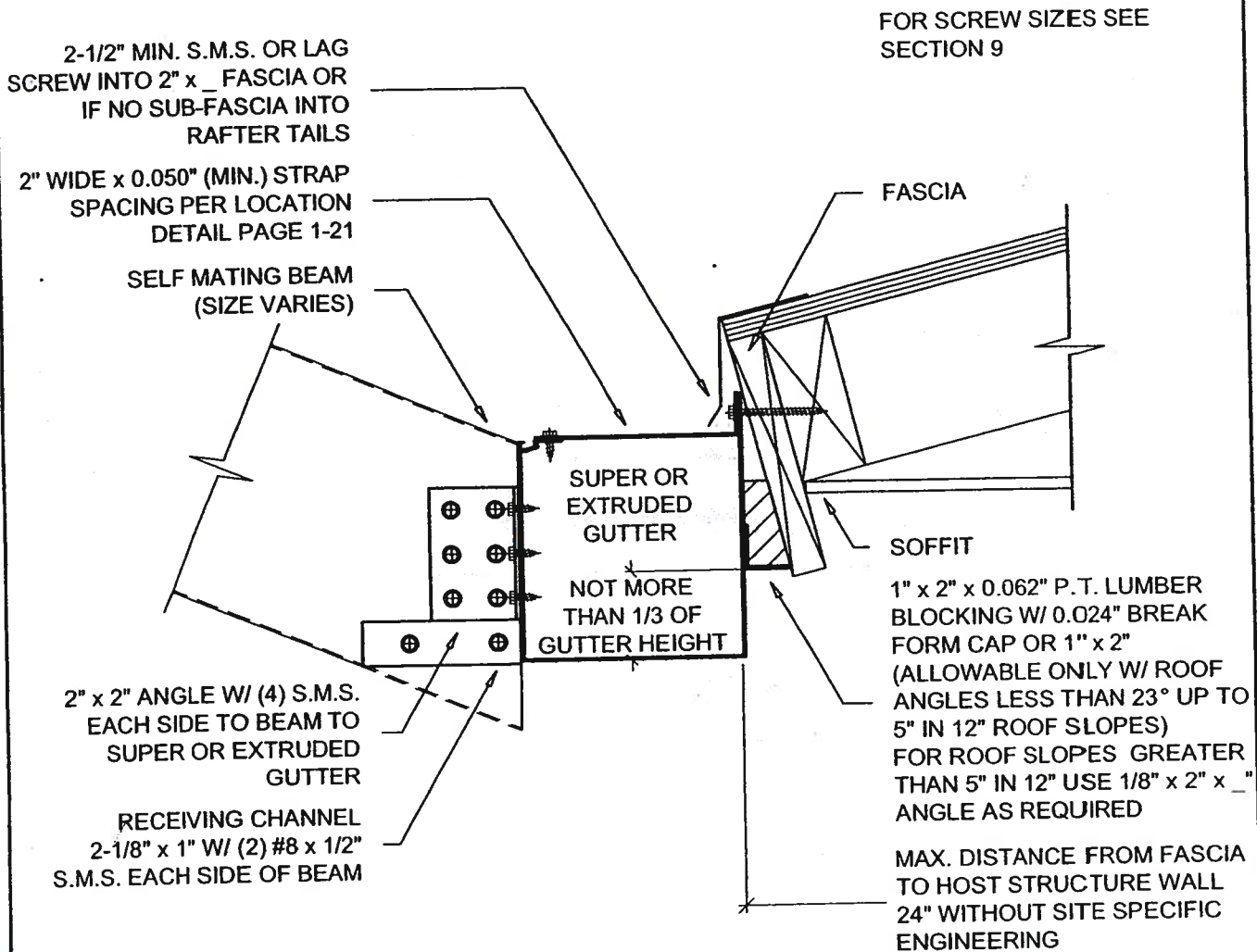
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES



TYPICAL SELF MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

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

PAGE

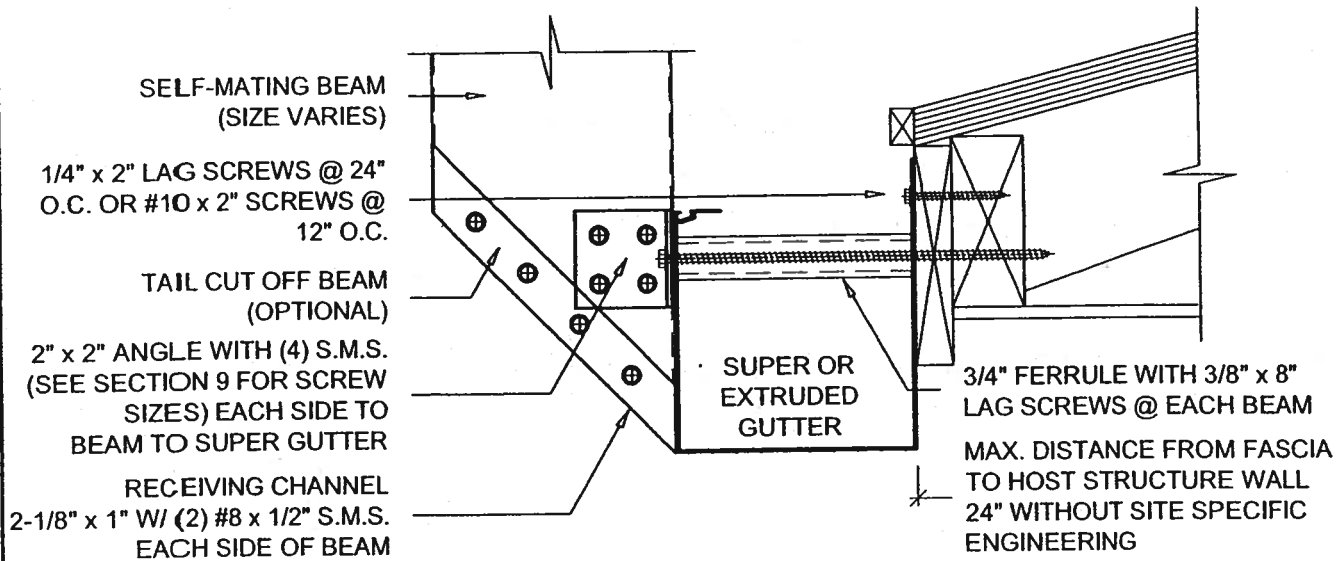
1-24

© COPYRIGHT 2004

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

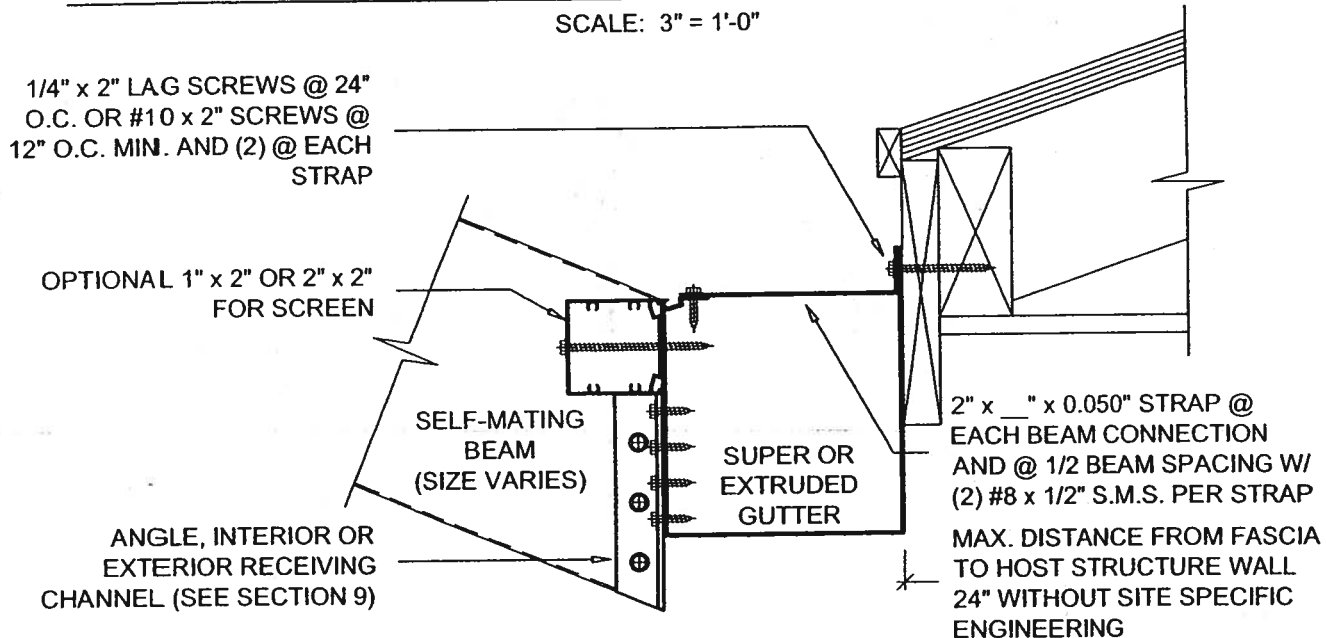
SECTION 1

SCREENED ENCLOSURES



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"

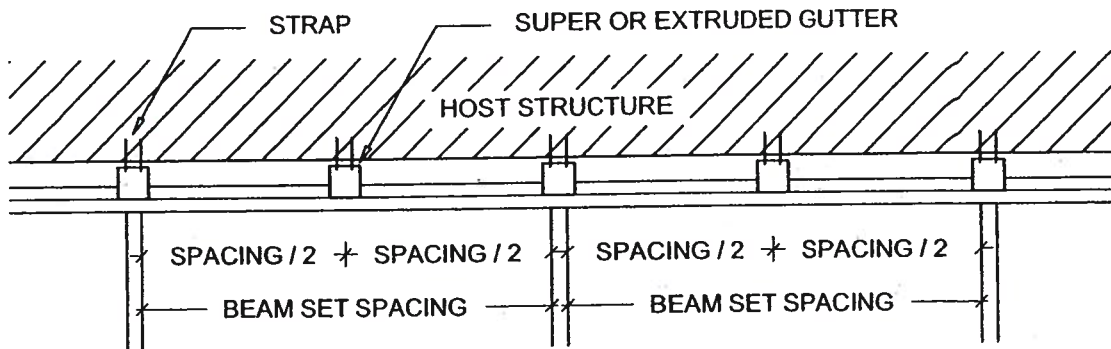
Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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

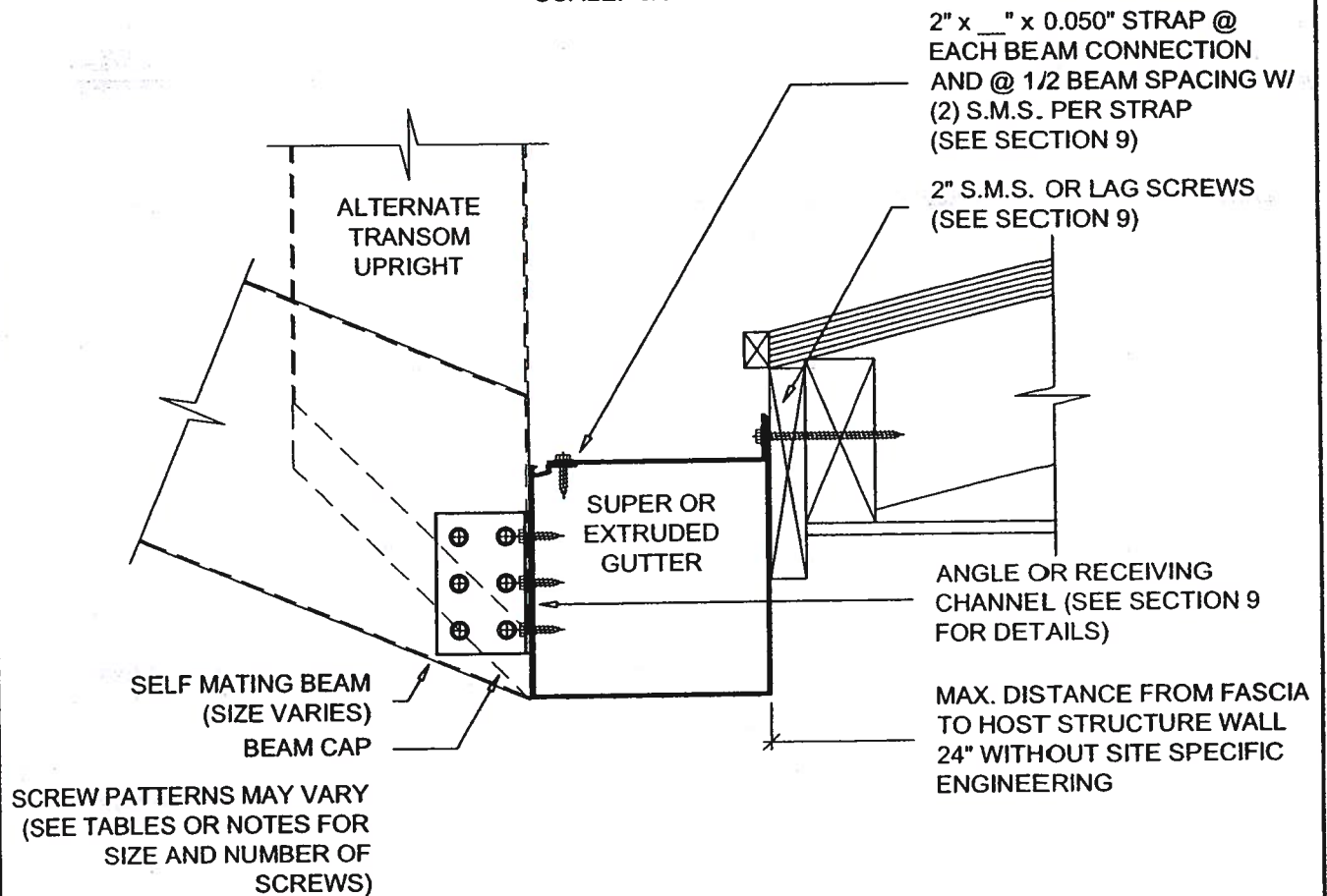
TELEPHONE: (386) 767-4774

FAX: (386) 767-6556



STRAP LOCATION FOR SUPER OR EXTRUDED GUTTER REINFORCEMENT

SCALE: 3/8" = 1'-0"



SELF MATING BEAM CONNECTION TO SUPER OR EXTRUDED GUTTER

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES

Table 1.3 Allowable Post / Upright Heights for Primary Screen Wall Frame Members
 Aluminum Alloy 6063 T-6
 For 3 second wind gust at velocity of 120 MPH or an applied load of 14 # / sq. ft.*

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

Self Mating Sections	Tributary Load Width 'W' = Upright Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Height 'H' / bending 'b' or deflection 'd'						
2" x 4" x 0.044 x 0.100"	16'-11" b	14'-8" b	13'-1" b	11'-11" b	11'-1" b	10'-4" b	9'-9" b
2" x 5" x 0.050" x 0.100"	20'-11" b	18'-1" b	16'-2" b	14'-9" b	13'-8" b	12'-10" b	12'-1" b
2" x 6" x 0.050" x 0.120"	24'-2" b	20'-11" b	18'-9" b	17'-1" b	15'-10" b	14'-10" b	13'-11" b
2" x 7" x 0.055" x 0.120"	27'-3" b	23'-7" b	21'-1" b	19'-3" b	17'-10" b	16'-8" b	15'-9" b
2" x 7" x 0.055" w/ insert	36'-3" b	31'-4" b	28'-1" b	25'-7" b	23'-9" b	22'-2" b	20'-11" b
2" x 8" x 0.072" x 0.224"	35'-2" b	30'-6" b	27'-3" b	24'-10" b	23'-0" b	21'-6" b	20'-4" b
2" x 9" x 0.072" x 0.224"	38'-2" b	33'-0" b	29'-6" b	26'-11" b	24'-11" b	23'-4" b	22'-0" b
2" x 9" x 0.082" x 0.310"	41'-10" b	36'-3" b	32'-5" b	29'-7" b	27'-5" b	25'-8" b	24'-2" b
2" x 10" x 0.092" x 0.369"	50'-4" b	43'-7" b	38'-11" b	35'-7" b	32'-11" b	30'-10" b	29'-1" b

Snap Sections	Tributary Load Width 'W' = Upright Spacing						
	3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
	Allowable Height 'H' / bending 'b' or deflection 'd'						
2" x 2" x 0.044"	9'-11" b	8'-7" b	7'-8" b	7'-0" b	6'-6" b	6'-1" b	5'-9" b
2" x 3" x 0.045"	12'-9" b	11'-0" b	9'-10" b	9'-0" b	8'-4" b	7'-10" b	7'-4" b
2" x 4" x 0.045"	15'-7" b	13'-6" b	12'-1" b	11'-0" b	10'-2" b	9'-7" b	8'-11" b
2" x 6" x 0.062"	26'-5" b	22'-10" b	20'-5" b	18'-8" b	17'-3" b	16'-2" b	15'-3" b
2" x 7" x 0.062"	29'-5" b	25'-5" b	22'-9" b	20'-9" b	19'-3" b	17'-11" b	16'-11" b

* For allowable heights at wind velocities other than 120 MPH, see conversion table 1A on the specification page for tables at the beginning of this section and example below.

Note:

1. Thicknesses shown are "nominal" industry standard tolerances. No wall thickness shall be less than 0.040".

2. Using screen panel width 'W' select upright length 'H'.

3. Above heights 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.

4. Site specific engineering required for pool enclosures over 20' in mean roof height.

5. Height is to be measured from center of beam and upright connection to fascia or wall connection.

6. Chair rails of 2" x 2" x 0.044" min. and set @ 36" in height can be considered as residential guardrails provided they are attached with min. (3) #10 x 1-1/2" S.M.S. into the screw bosses and do not exceed 8'-0" in span.

7. Heights may be interpolated.

CHECK TABLE 1.6 FOR MINIMUM UPRIGHT SIZE FOR BEAMS.

IF SPANS FOR 'C' EXPOSURE CATEGORY AND/OR WINDZONES OTHER THAN 120 MPH ARE REQUIRED, SEE EXAMPLE ON SPECIFICATION PAGE FOR TABLES AT THE BEGINNING OF THIS SECTION.

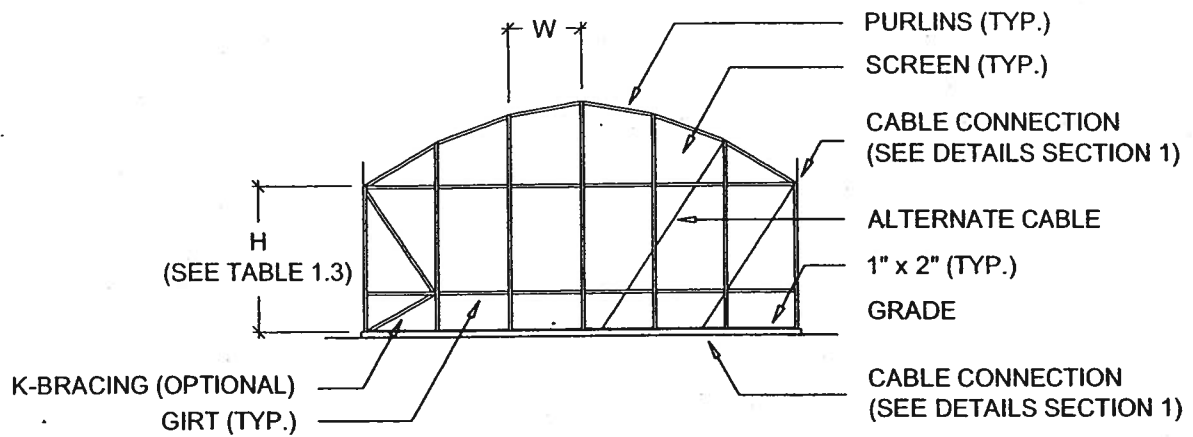
Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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

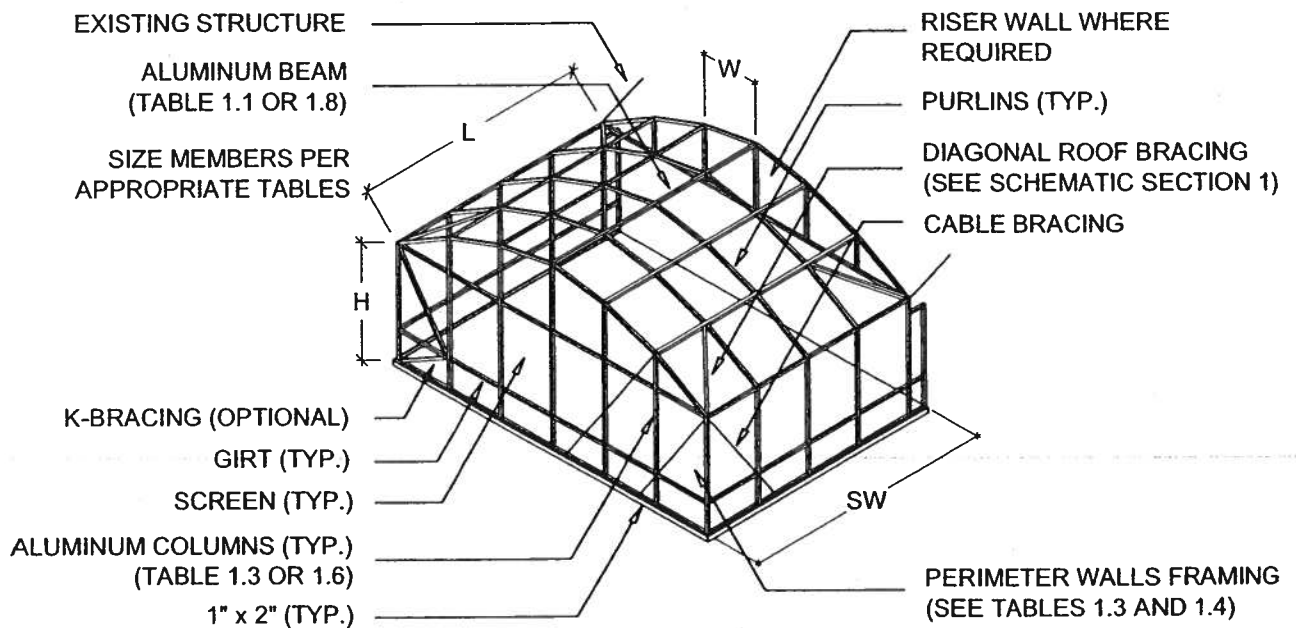
TELEPHONE: (386) 767-4774

FAX: (386) 767-6556



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. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

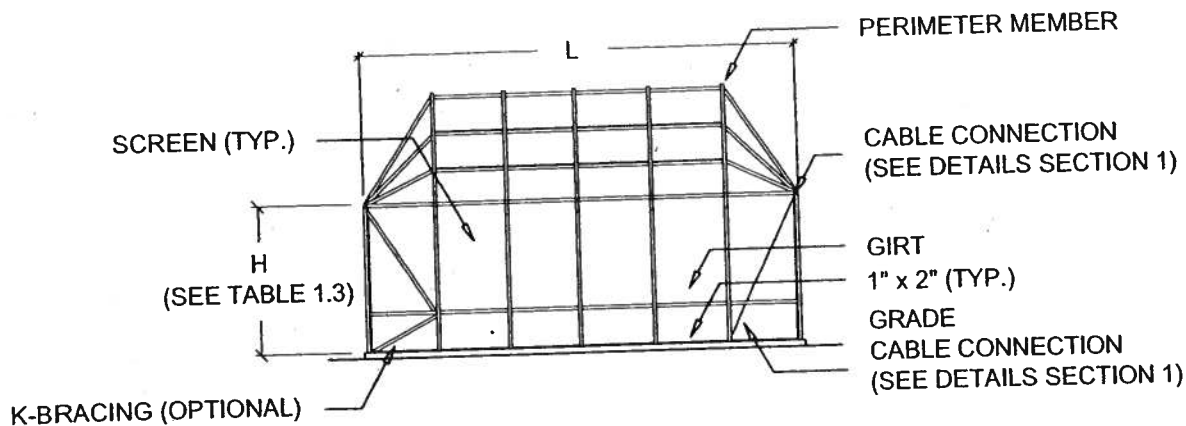
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

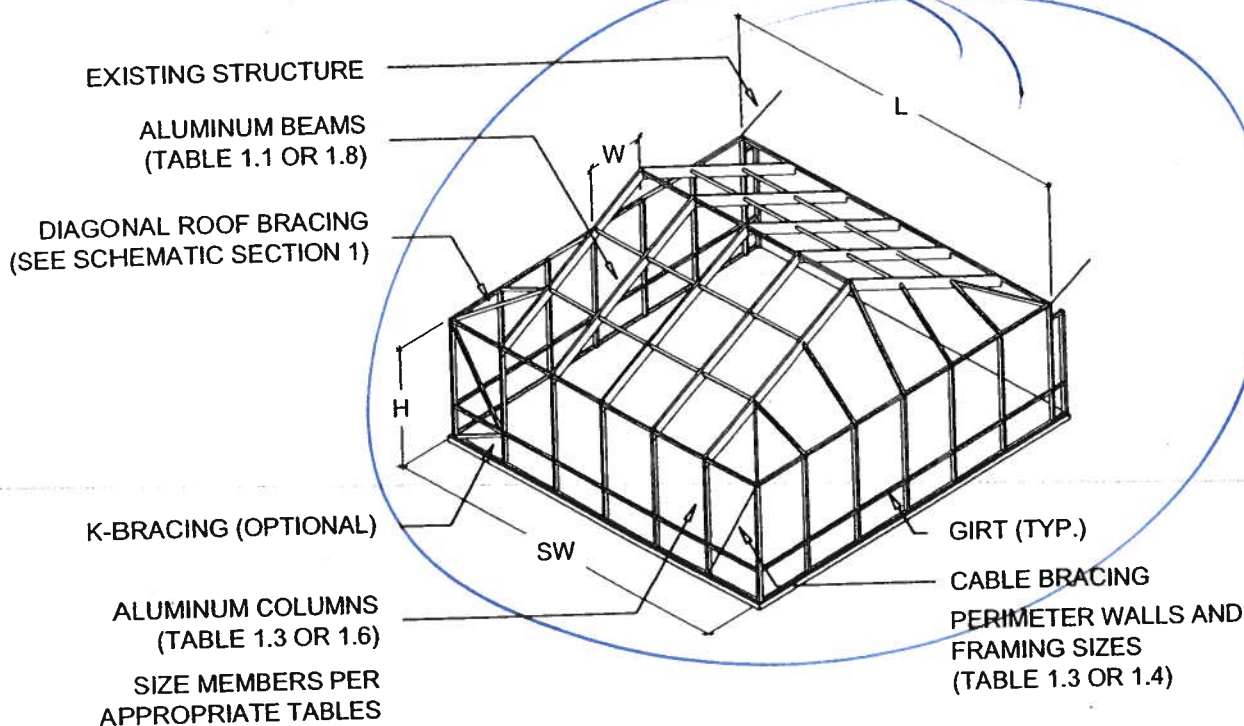
SECTION 1

SCREENED ENCLOSURES



TYPICAL MODIFIED HIP ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL MODIFIED HIP ROOF - ISOMETRIC

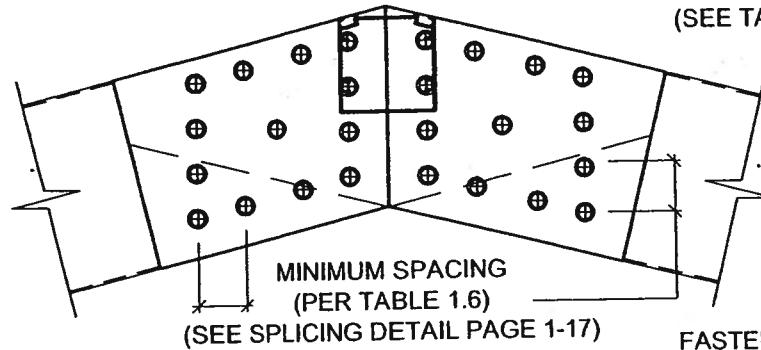
SCALE: N.T.S.

Lawrence E. Bennett, P.E. FL # 16644

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

2" x 2" PURLINS ATTACHED
TO BEAM W/ MIN.
(3) #10 x 1-1/2" S.M.S.

CUT 2" x 4", 2" x 5", OR 2" x 6"
BEAMS TO SLIDE OVER EACH
OTHER 2" x 7" & LARGER
PROVIDE GUSSET PLATE
(INSIDE OR OUTSIDE BEAM)
SAME WALL THICKNESS AS
BEAM WALLS OR LARGER
(SEE TABLE 1.6)

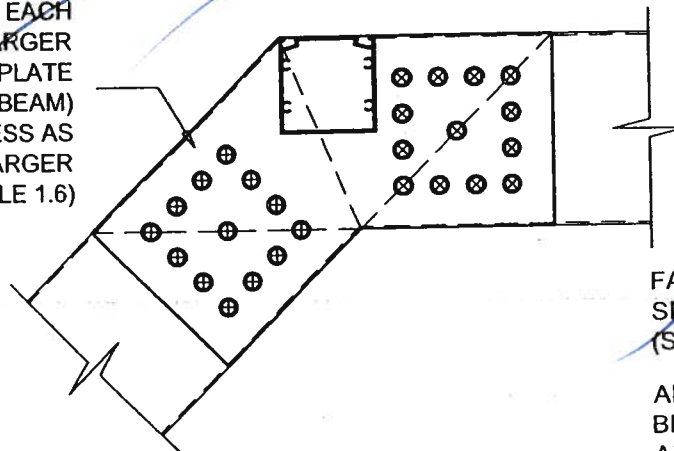


FASTENER SIZE, NUMBER AND
SPACING PER PAGE 1-19
(SEE TABLE 1.6)

TYPICAL SIDE PLATE CONNECTION DETAIL

SCALE: 3" = 1'-0"

CUT 2" x 4", 2" x 5", OR 2" x 6"
BEAMS TO SLIDE OVER EACH
OTHER 2" x 7" & LARGER
PROVIDE GUSSET PLATE
(INSIDE OR OUTSIDE BEAM)
SAME WALL THICKNESS AS
BEAM WALLS OR LARGER
(SEE TABLE 1.6)



FASTENER SIZE, NUMBER AND
SPACING PER PAGE 1-19
(SEE TABLE 1.6)

ALL GUSSET PLATES SHALL
BE A MINIMUM OF 5052 H-32
ALLOY OR HAVE A MINIMUM
YIELD STRENGTH OF 23 ksi

TYPICAL SIDE PLATE CONNECTION DETAIL - MANSARD ROOF

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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

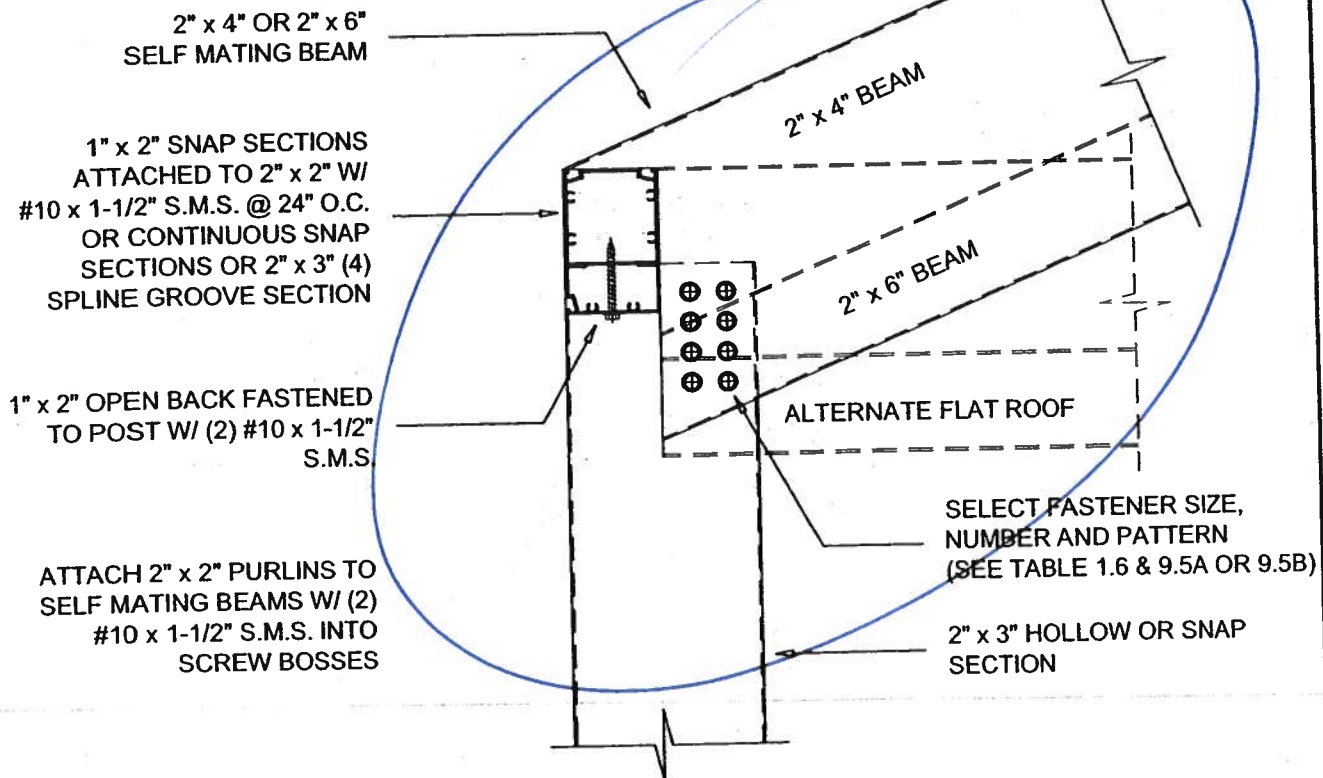
TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES

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

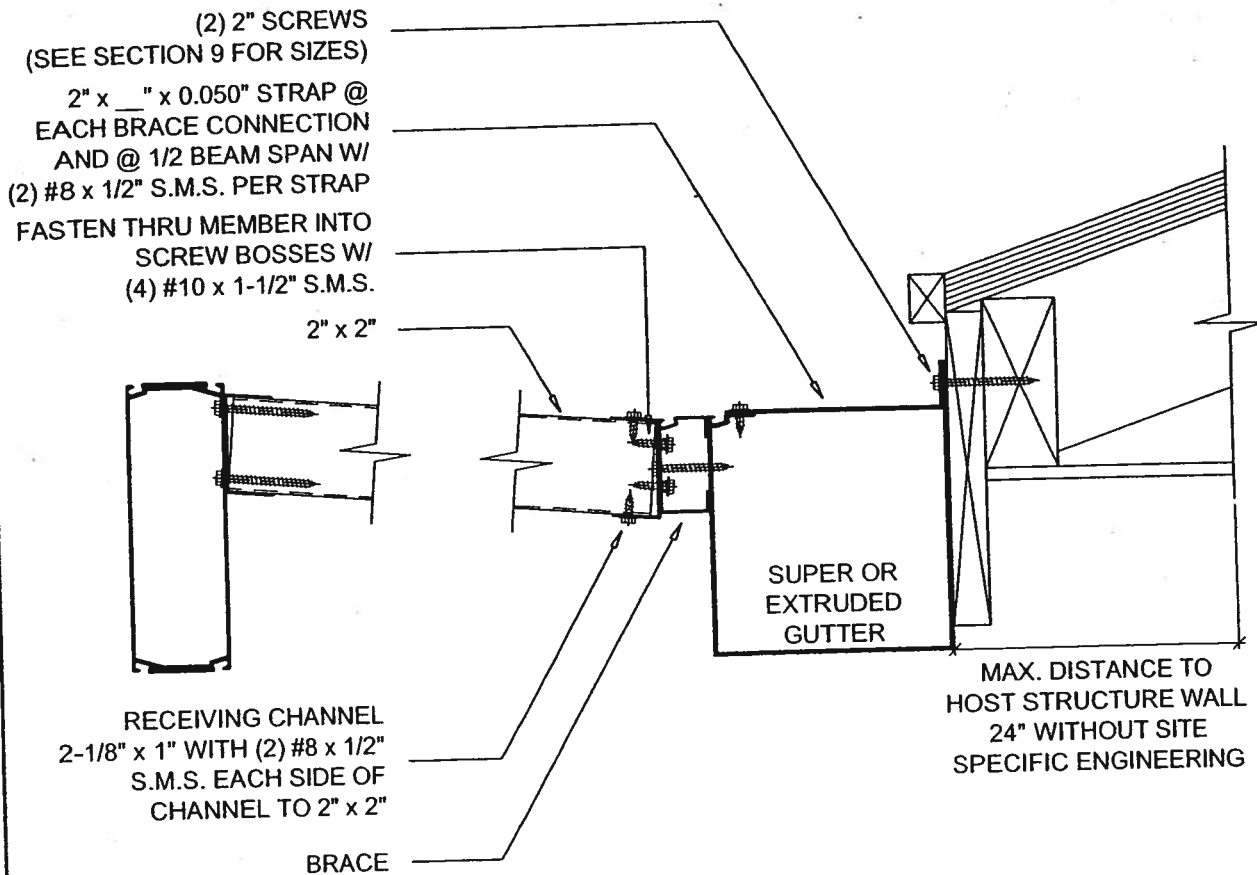


SLOPING BEAM TO UPRIGHT CONNECTION DETAIL (PARTIAL LAP)

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

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



NON-STRUCTURAL BRACE CONNECTION TO SUPER OR EXTRUDED GUTTER

SCALE: 3" = 1'-0"

Lawrence E. Bennett, P.E. FL # 16644

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