

DATE 07/07/2006

Columbia County Building Permit

PERMIT
000024725

This Permit Expires One Year From the Date of Issue

APPLICANT ANTHONY DANIEL TRIMBLE PHONE 754-5550
ADDRESS 548 SW BRANDY WAY LAKE CITY FL 32024
OWNER DEBRA GRIFFIN/CINDY THOMAS PHONE 752-4072
ADDRESS 920 NW SCENIC LAKE DRIVE LAKE CITY FL 32055
CONTRACTOR ANTHONY DANIEL TRIMBLE PHONE 754-5550
LOCATION OF PROPERTY LAKE JEFFREY ROAD, TL ON SCENIC LAKE DRIVE, 15TH HOUSE
ON LEFT

TYPE DEVELOPMENT SCREEN ENCLOSURE ESTIMATED COST OF CONSTRUCTION 8000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT 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 22-3S-16-02268-223 SUBDIVISION WOODBOROUGH
LOT 23 BLOCK PHASE 1 UNIT 0 TOTAL ACRES

5586
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X06-0218 BK JH
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE

Check # or Cash 1947

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
Framing Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel) date/app. by
Permanent power C.O. Final Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing Pool date/app. by
Reconnection Pump pole Utility Pole date/app. by
M/H Pole Travel Trailer Re-roof date/app. by

BUILDING PERMIT FEE \$ 40.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 115.00
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

Revised 9-23-0

For Office Use Only Application # 0006-39 Date Received 6/13 By JW Permit # 24725
 Application Approved by - Zoning Official BZK Date 6.16.06 Plans Examiner OK JTH Date 6-13-06
 Flood Zone K Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Dev.
 Comments _____

Applicants Name Lakeside Alum Inc. Dan Tenore Phone (386) 754-5550
 Address 548 SW Brandy Way Lake City FL 32024
 Owners Name Debra Griffith Kindy Griffith Thomas Phone _____
 911 Address 920 NW Scenic Lake Drive
 Contractors Name Anthony Daniel Trimble Phone 754-5550
 Address 548 SW Brandy Way Lake City FL 32024
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Lawrence Bennett, P.E.
 Mortgage Lenders Name & Address _____
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 22-35-16-02268-223 Estimated Cost of Construction \$1,000
 Subdivision Name Wood Borough Lot 23 Block _____ Unit 1 Phase 1
 Driving Directions LAKE JEFFERY RD TO SCENIC LAKE DR. RT. 15. 15.00 Miles on R
Left

Type of Construction Screen Enclosures Number of Existing Dwellings on Property 1
 Total Acreage .75 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv.
 Actual Distance of Structure from Property Lines - Front 50' Side 50' Side 30' Rear 100'
 Total Building Height 14' 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.

[Signature]
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 13th day of June 2006

Personally known ✓ or Produced Identification ✓

[Signature]
 Contractor Signature

Contractors License Number 8

NOTARY PUBLIC STATE OF FLORIDA
 Competency Card Number 5586

NOTARY SEAL

Commission # DD541456

Expires: APR. 18, 2010

Bonded Thru Atlantic Bonding Co., Inc.

[Signature]
 Notary Signature

Notice of Commencement

State Of Florida

County of Columbia

1. Description of Property 920 NW Scenic Lake Drive (Woodborough Sub)

2. Parcel ID# 22-35-16-00068-223

3. General Description of Improvement: Screen enclosure

4. Owner Name and Address: Debra Griffin & Cindy Thomas
920 NW Scenic Lake Drive

5. Interest in Property: Owner

6. Fee Simple Titleholder(if other than owner): None

7. Contractor Name: Lakester Aluminum
441 Lake St., FL 32025

8. Surety: None

9. Lender: _____ (If you have a loan and payment(draws) will be made from the lender— the name must be listed.)

10. Person in the State of Florida designated to receive notices or other documents that may be served as provided by Florida Statutes 713.13(1) (a) (7).

NONE

In addition to himself, owner designates : NONE
to receive a copy of the Leinor's notice as provided by the Florida Statutes 713.131b

12. Expiration Notice of Notice of Commencement (expires 1 year from the date of recording) _____

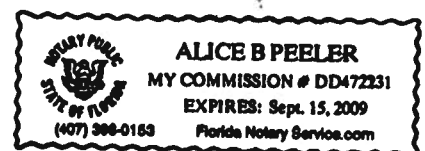
Owner Name (Print) Debra K Griffin Owner Name Signature Debra K Griffin

Sworn to and subscribed before me this 24th day of April, 2006

Personally Known X Produced ID _____ Did/ Did not take Oath _____

Notary's Name _____ Notary Public State Of Florida _____

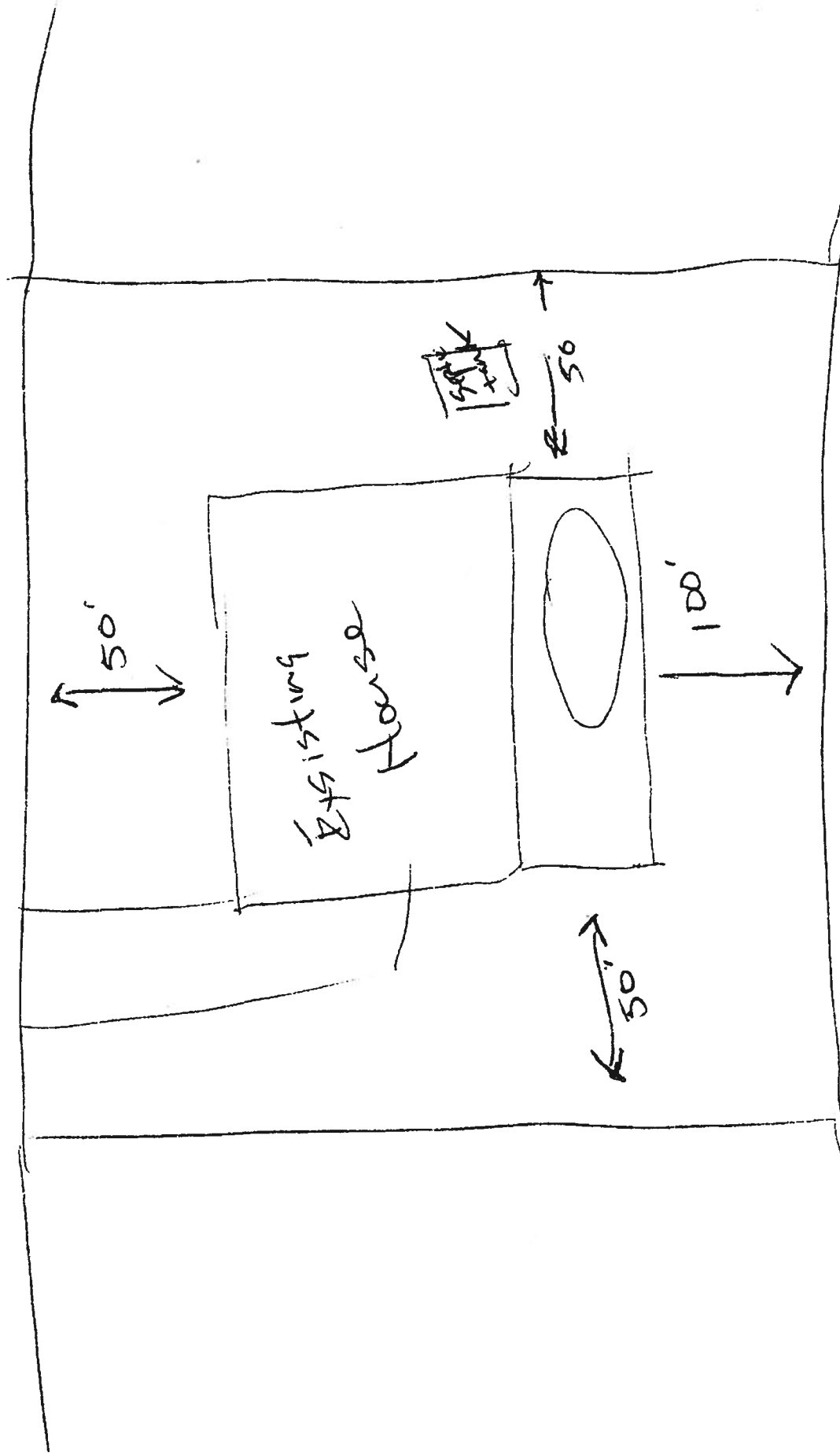
Commission Expiry and Number Alice B Peeler



Inst: 200604274 Date: 06/13/2006 Time: 12:54
DC, P. Dewitt Cason, Columbia County B: 1086 P: 1779

548 SW Brandy Way
Lake City FL 32024

290 Scenic Lake Drive



Lake Jeffery

@ CAM112M01	CamaUSA Appraisal System		Columbia County
6/13/2006 12:55	Legal Description Maintenance	110000	Land 001 *
Year T Property	Sel		AG 000
2006 R 22-3S-16-02268-223			Bldg 000
LOT 23 WOODBOROUGH PHASE 1			Xfea 000
GRIFFIN DEBRA K &		110000	TOTAL B

1	LOT 23 WOODBOROUGH PHASE 1	ORB 742-237,, WD 1035-2129.	2
3			4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 1/26/2005 KYLIE

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

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:

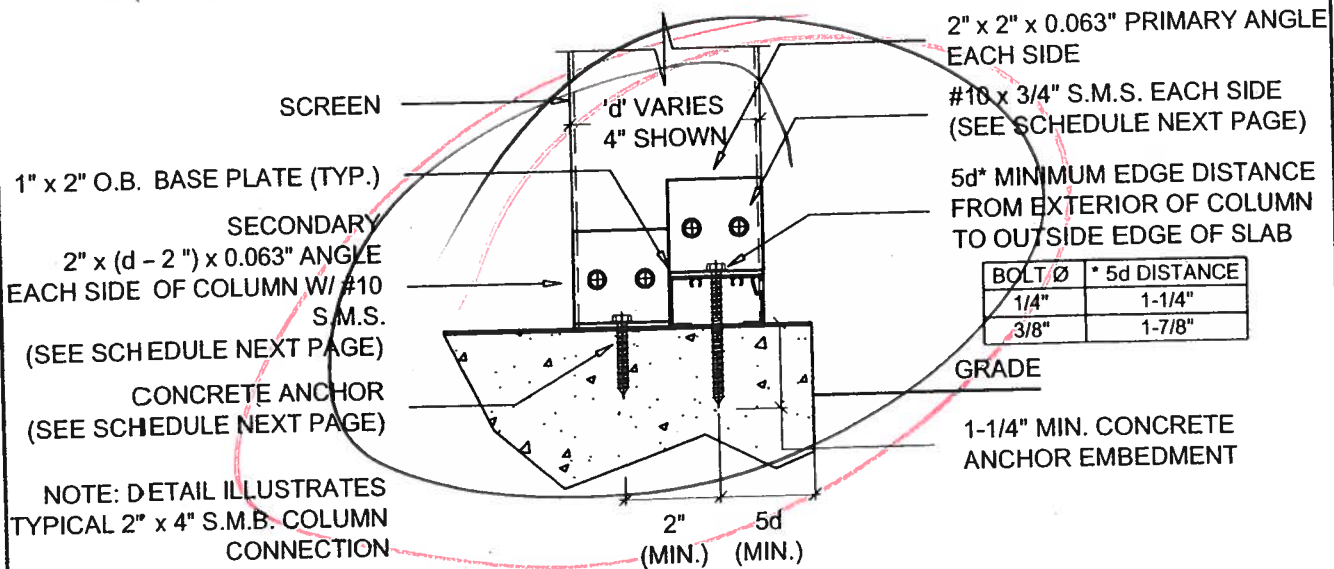
1. Thicknesses shown are "nominal" industry standard tolerances. No wall thickness shall be less than 0.040".
 2. The structures designed using this section shall be limited to a maximum combined span and upright height of 55' and a maximum upright height of 20'. Structures larger than these limits shall 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

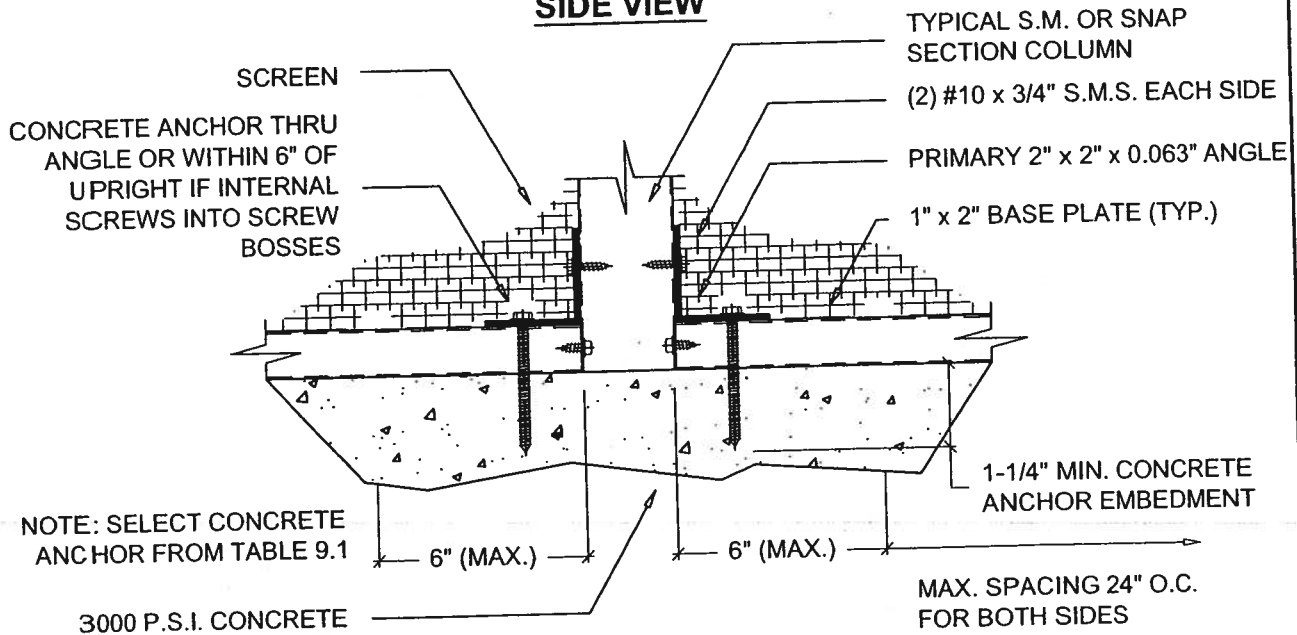
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FAX: (386) 767-6556

SECTION 1

SCREENED ENCLOSURES



SIDE VIEW



FRONT VIEW

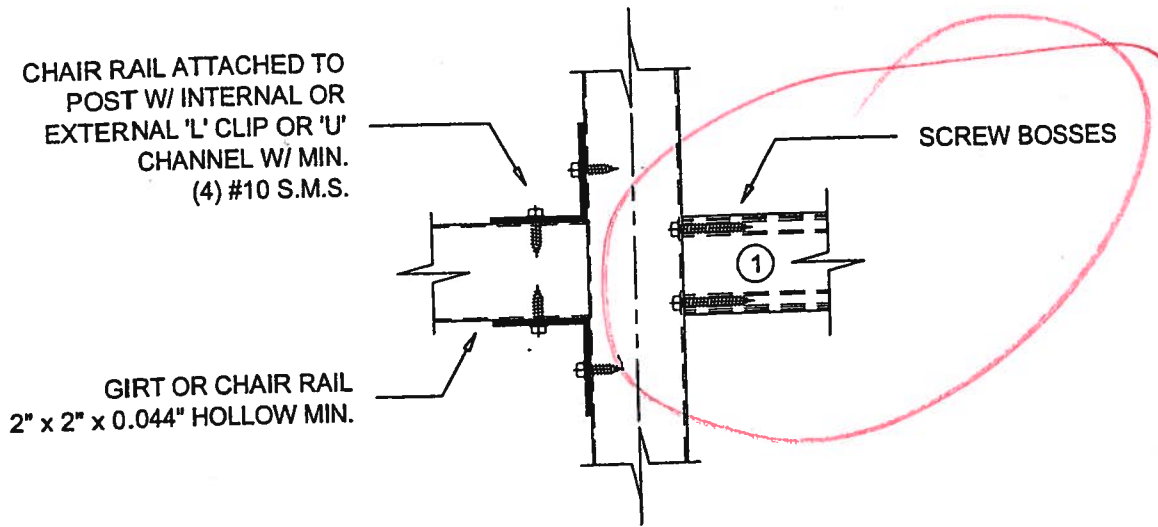
2" x 4" OR LARGER SELF MATING OR SNAP SECTION POST TO DECK DETAILS

SCALE: 3" = 1'-0"

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

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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

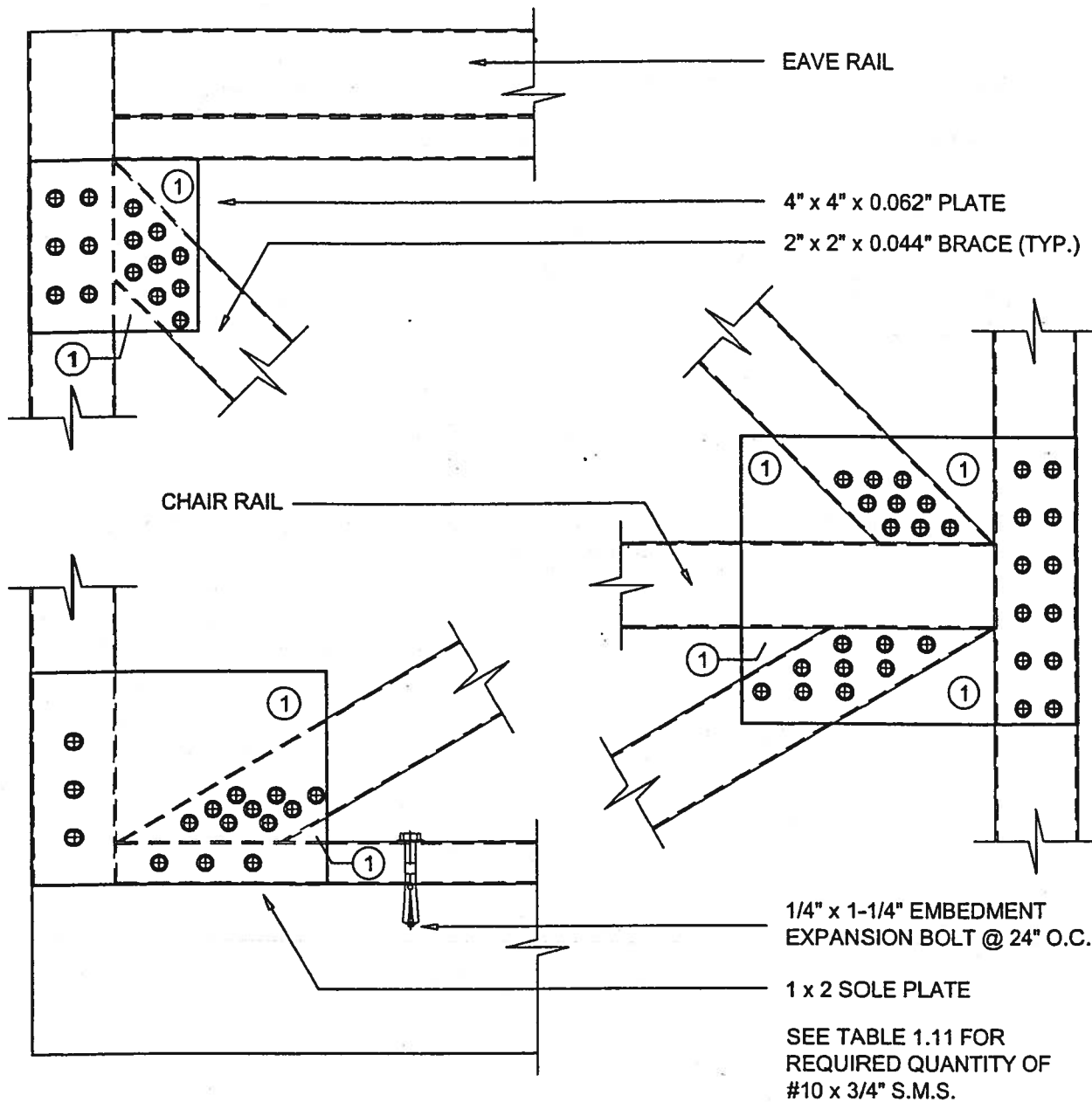
IF GIRT IS ON BOTH SIDES OF THE POST THEN STRAP SHALL BE 6" LONG AND CENTERED ON THE POST AND HAVE A TOTAL (12) #10 x 3/4" S.M.S.

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SECTION 1

SCREENED ENCLOSURES



K-BRACING CONNECTION DETAILS

NOTES:

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

SCALE: 3" = 1'-0"

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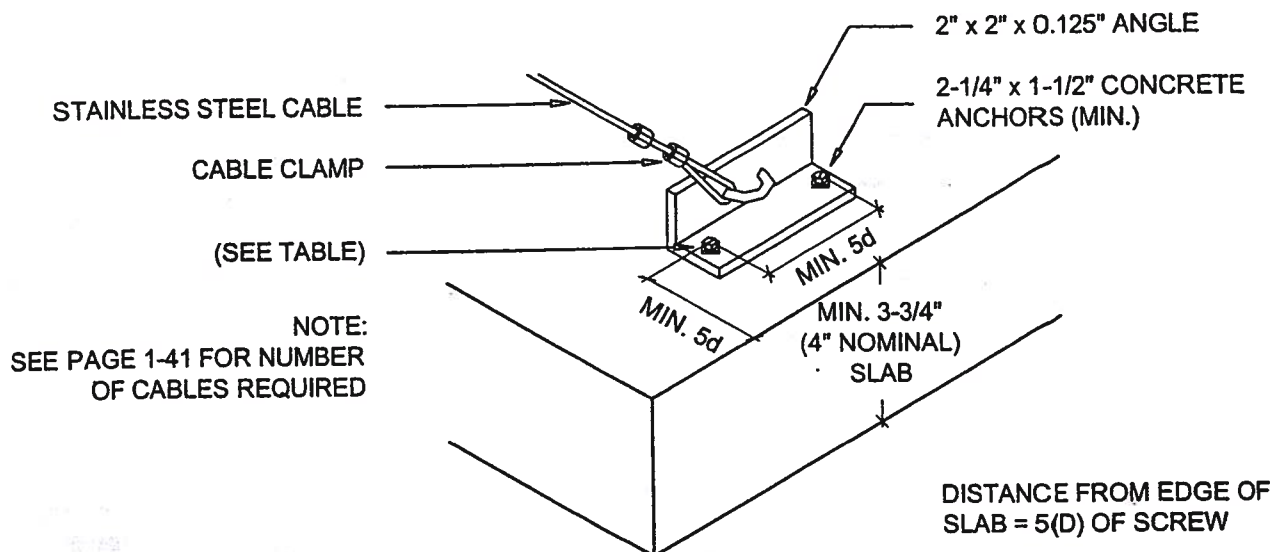
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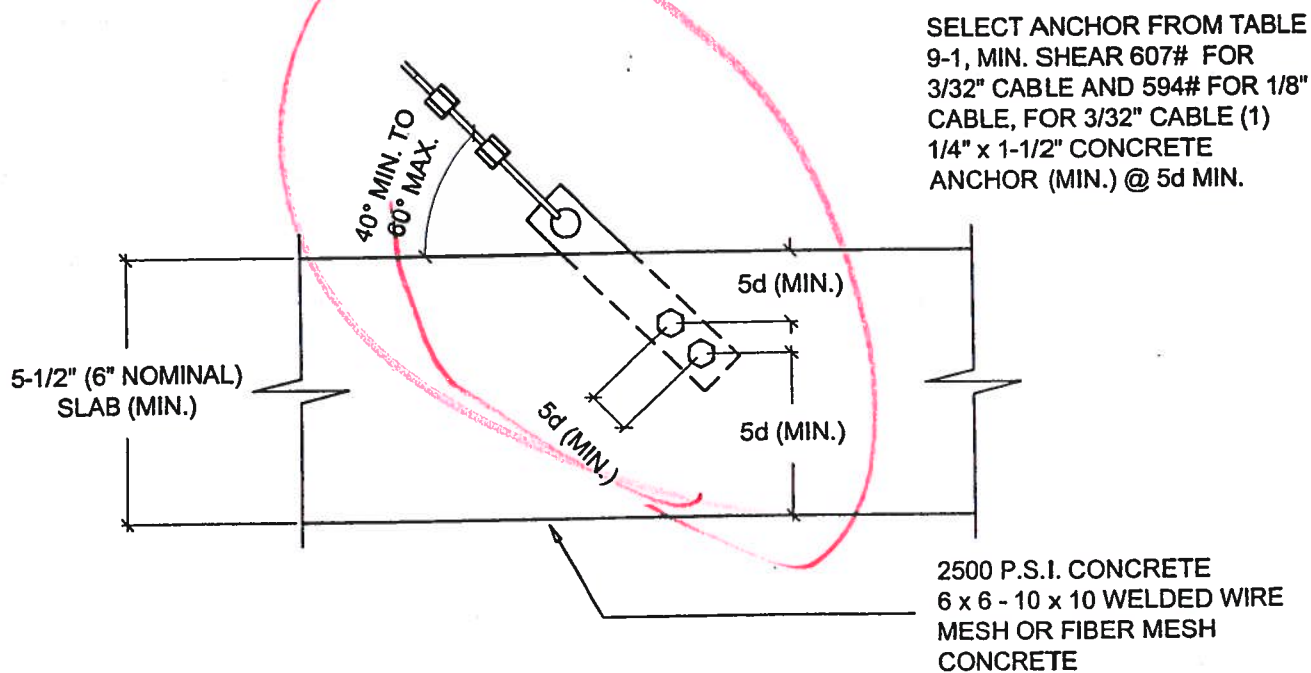
SCREENED ENCLOSURES

SECTION 1



ALTERNATE CABLE CONNECTION AT SLAB DETAIL - DETAIL 2B

SCALE: 3" = 1'-0"



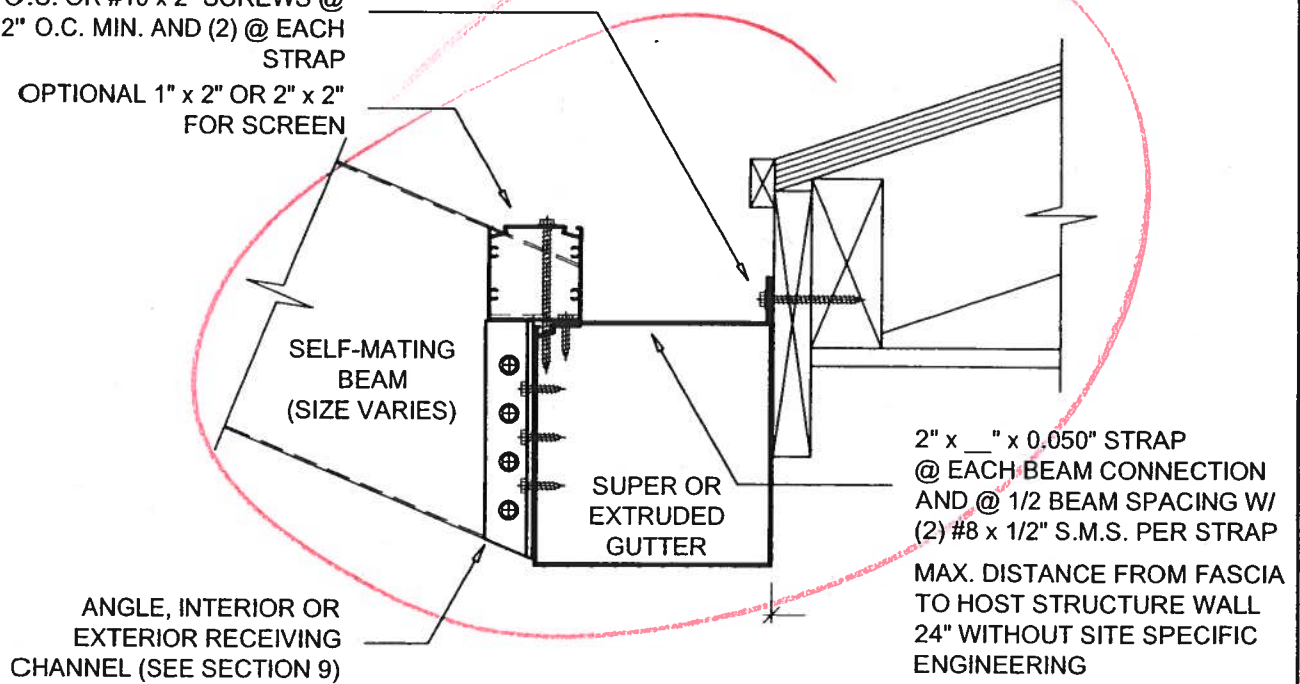
ALTERNATE CABLE CONNECTIONS AT FOUNDATION - DETAIL 2C

SCALE: 3" = 1'-0"

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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



2" x ___" x 0.050" STRAP
@ EACH BEAM CONNECTION
AND @ 1/2 BEAM SPACING W/
(2) #8 x 1/2" S.M.S. PER STRAP
MAX. DISTANCE FROM FASCIA
TO HOST STRUCTURE WALL
24" WITHOUT SITE SPECIFIC
ENGINEERING

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

SCALE: 3" = 1'-0"

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SECTION 1

SCREENED ENCLOSURES

2-1/2" MIN. S.M.S. OR LAG
SCREW INTO 2" x _ FASCIA OR
IF NO SUB-FASCIA INTO
RAFTER TAILS

2" WIDE x 0.050" (MIN.) STRAP
SPACING PER LOCATION
DETAIL PAGE 1-21

SELF MATING BEAM
(SIZE VARIES)

FOR SCREW SIZES SEE
SECTION 9

FASCIA

SOFFIT

SUPER OR
EXTRUDED
GUTTER

NOT MORE
THAN 1/3 OF
GUTTER HEIGHT

1" x 2" x 0.062" P.T. LUMBER
BLOCKING W/ 0.024" BREAK
FORM CAP OR 1" x 2"
(ALLOWABLE ONLY W/ ROOF
ANGLES LESS THAN 23° UP TO
5" IN 12" ROOF SLOPES)
FOR ROOF SLOPES GREATER
THAN 5" IN 12" USE 1/8" x 2" x _
ANGLE AS REQUIRED

2" x 2" ANGLE W/ (4) S.M.S.
EACH SIDE TO BEAM TO
SUPER OR EXTRUDED
GUTTER

RECEIVING CHANNEL
2-1/8" x 1" W/ (2) #8 x 1/2"
S.M.S. EACH SIDE OF BEAM

MAX. DISTANCE FROM FASCIA
TO HOST STRUCTURE WALL
24" WITHOUT SITE SPECIFIC
ENGINEERING

TYPICAL SELF MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION

SCALE: 3" = 1'-0"

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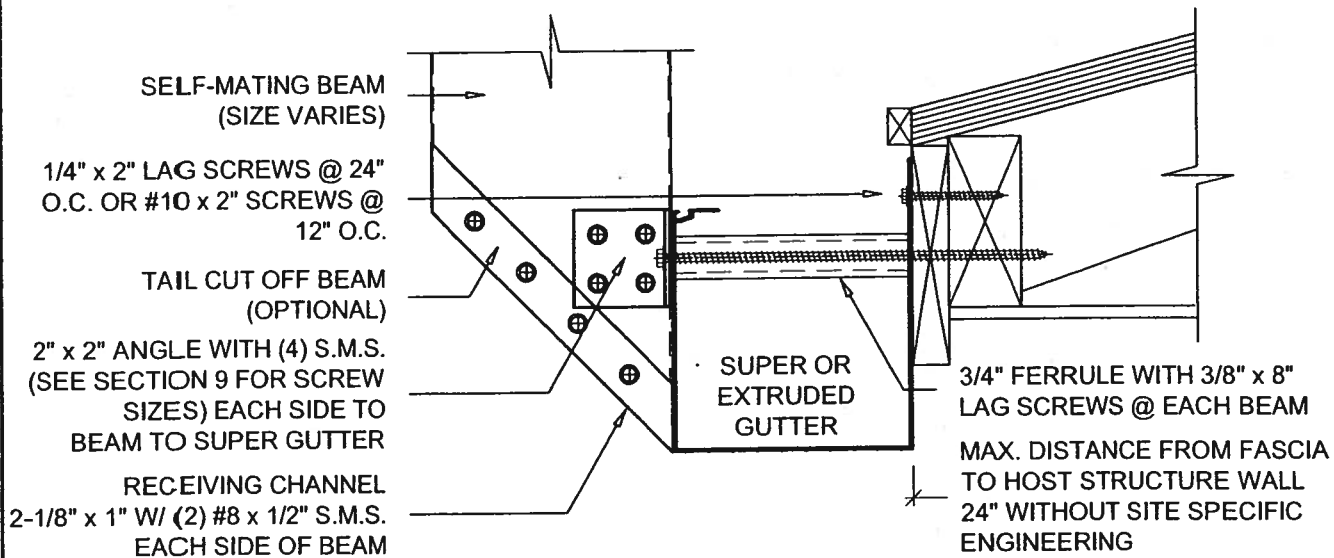
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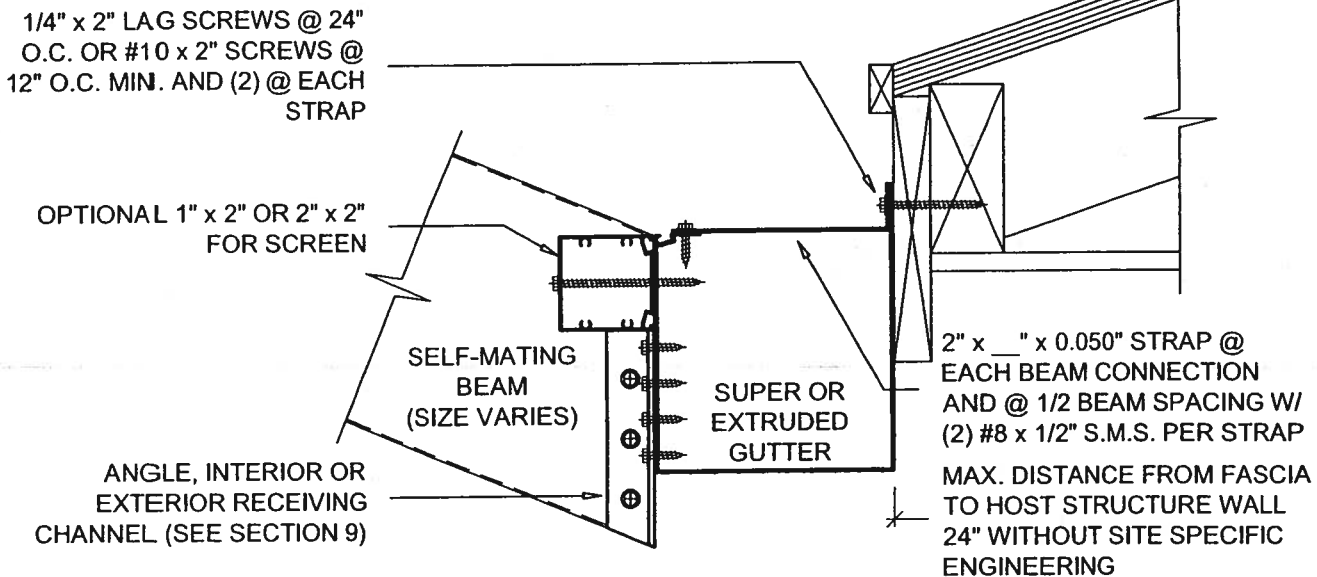
SECTION 1

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"

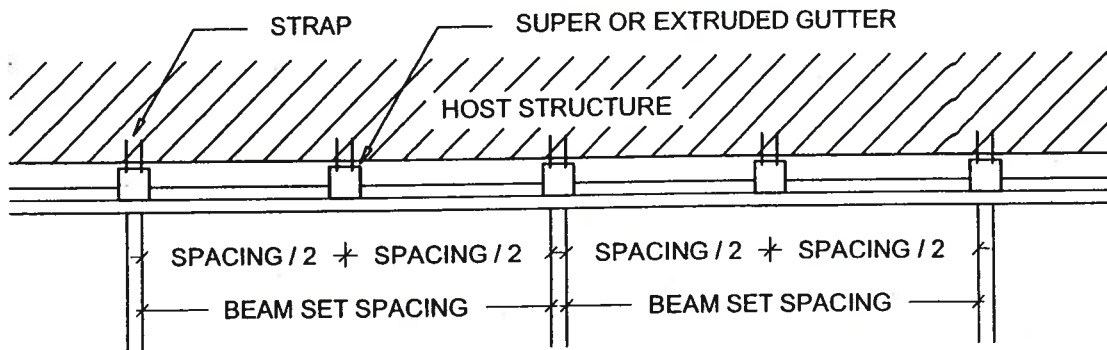
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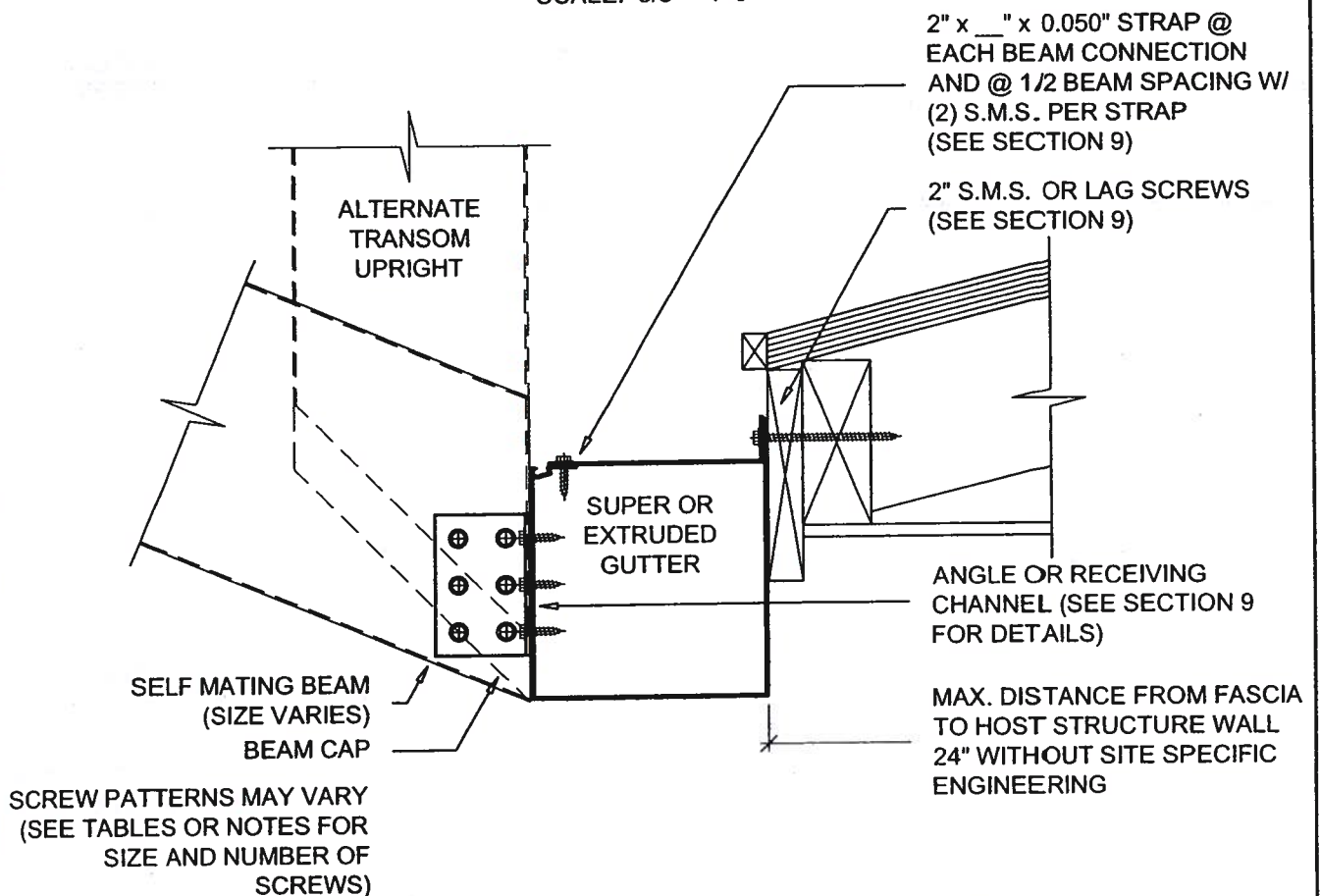
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FAX: (386) 767-6556



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"

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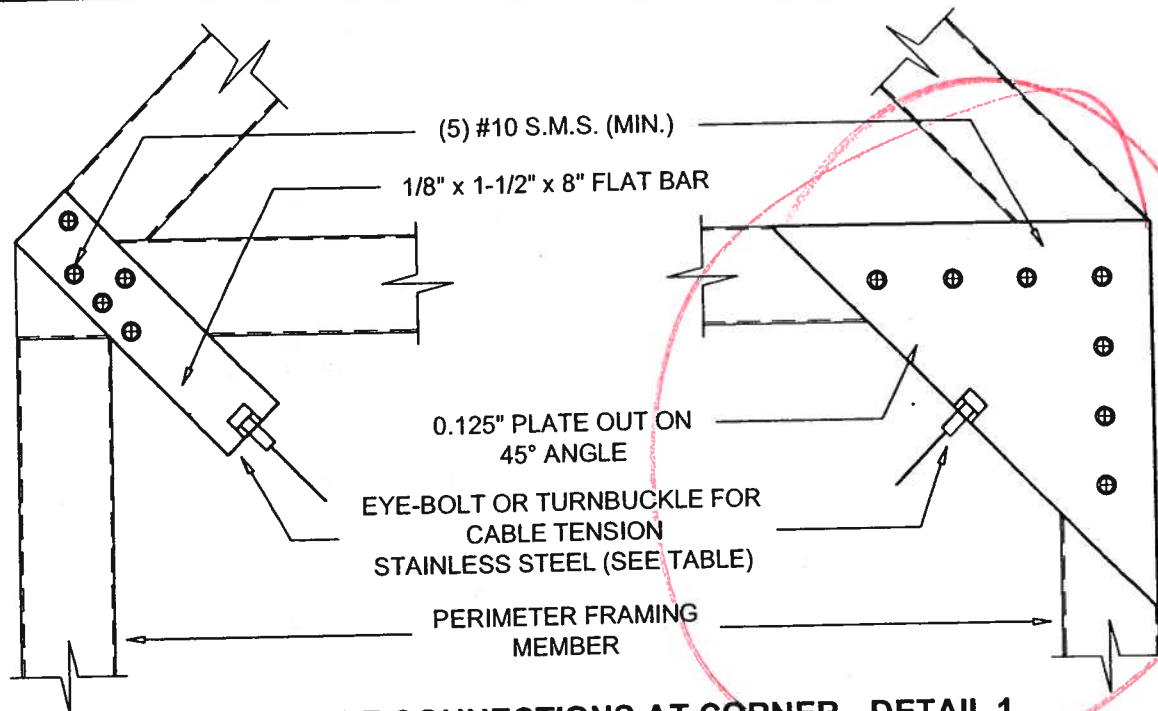
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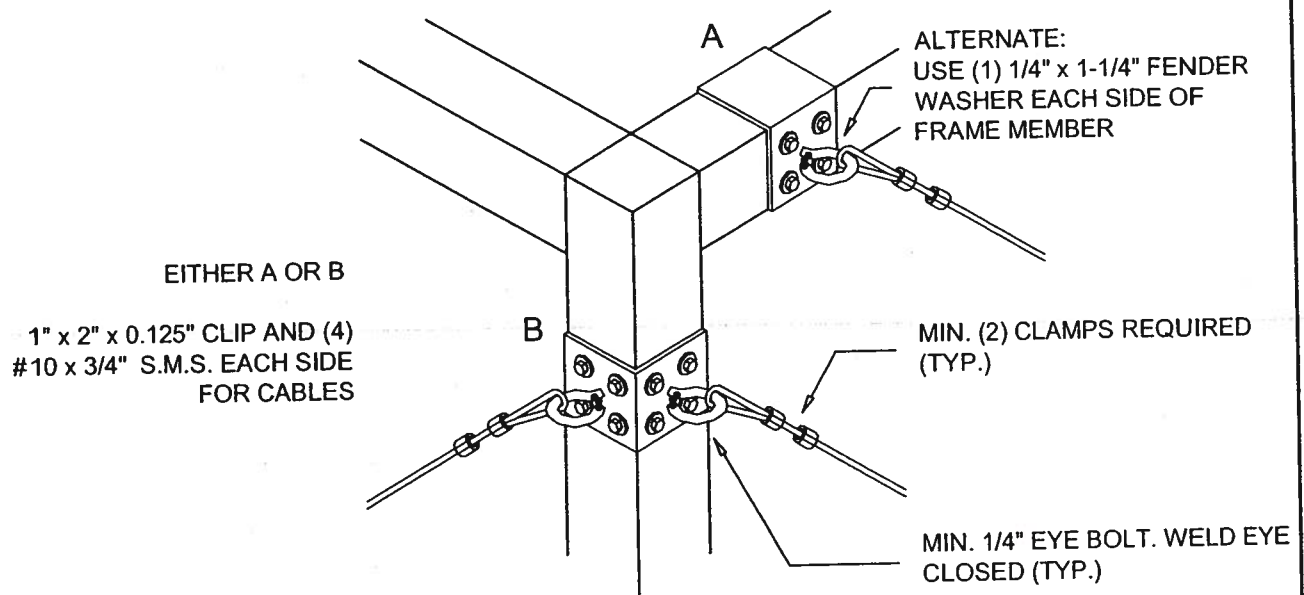
SCREENED ENCLOSURES

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

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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.

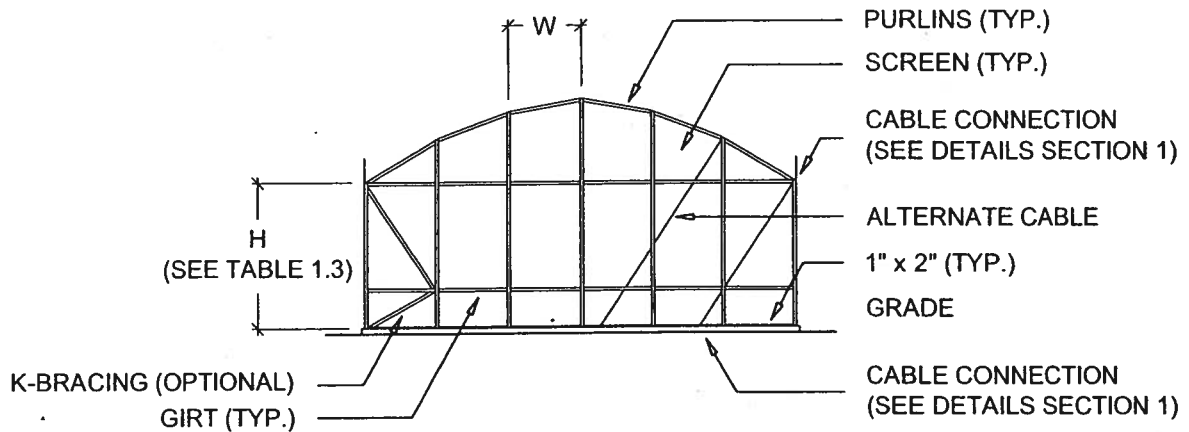
Note:

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.

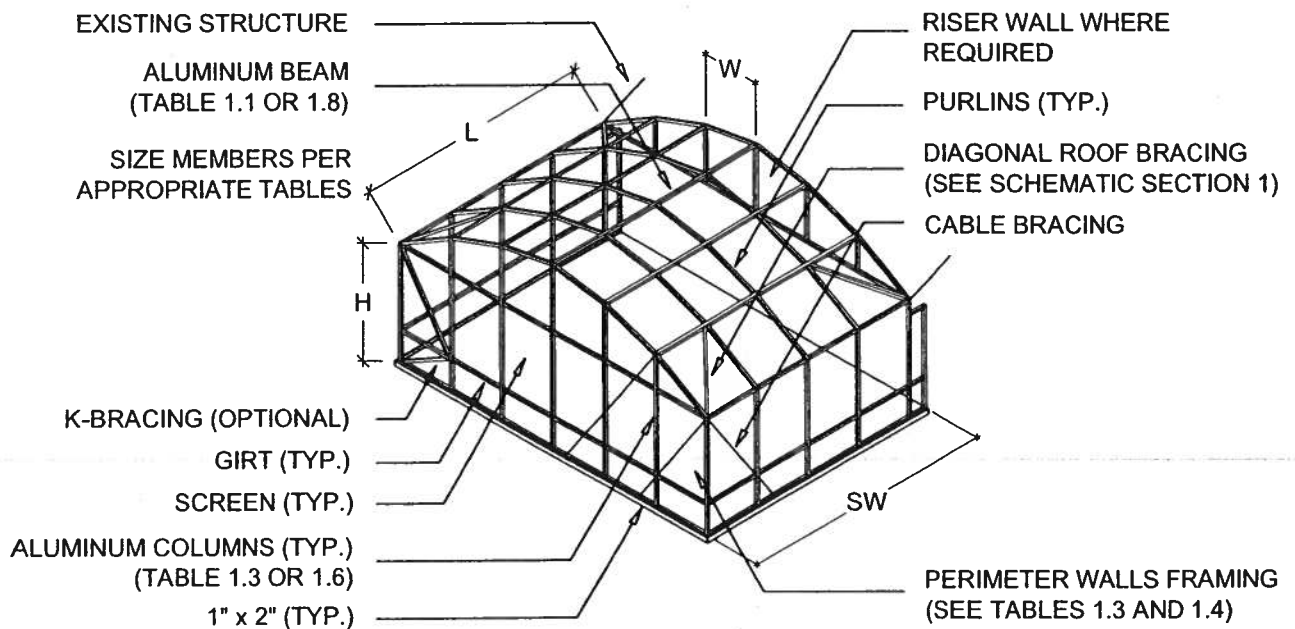
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TYPICAL DOME ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL DOME ROOF - ISOMETRIC

SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES.

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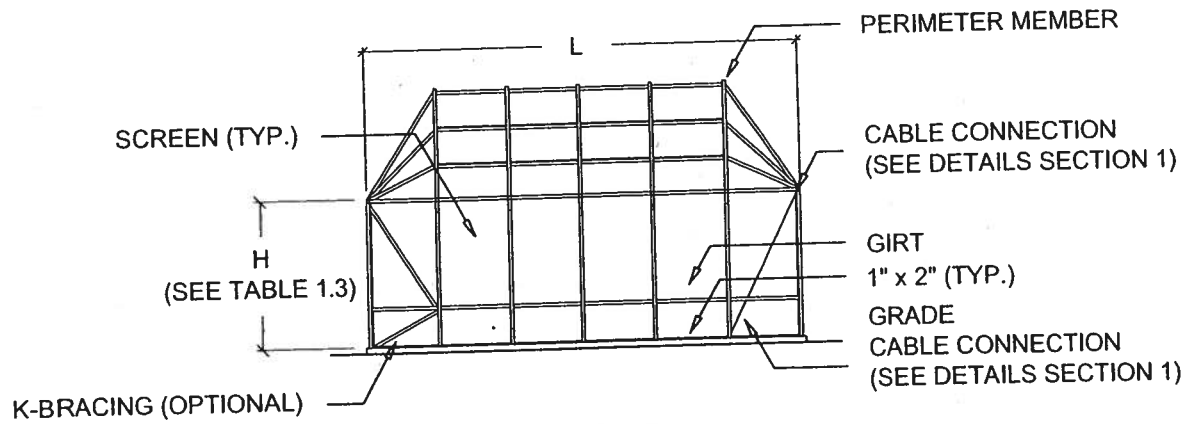
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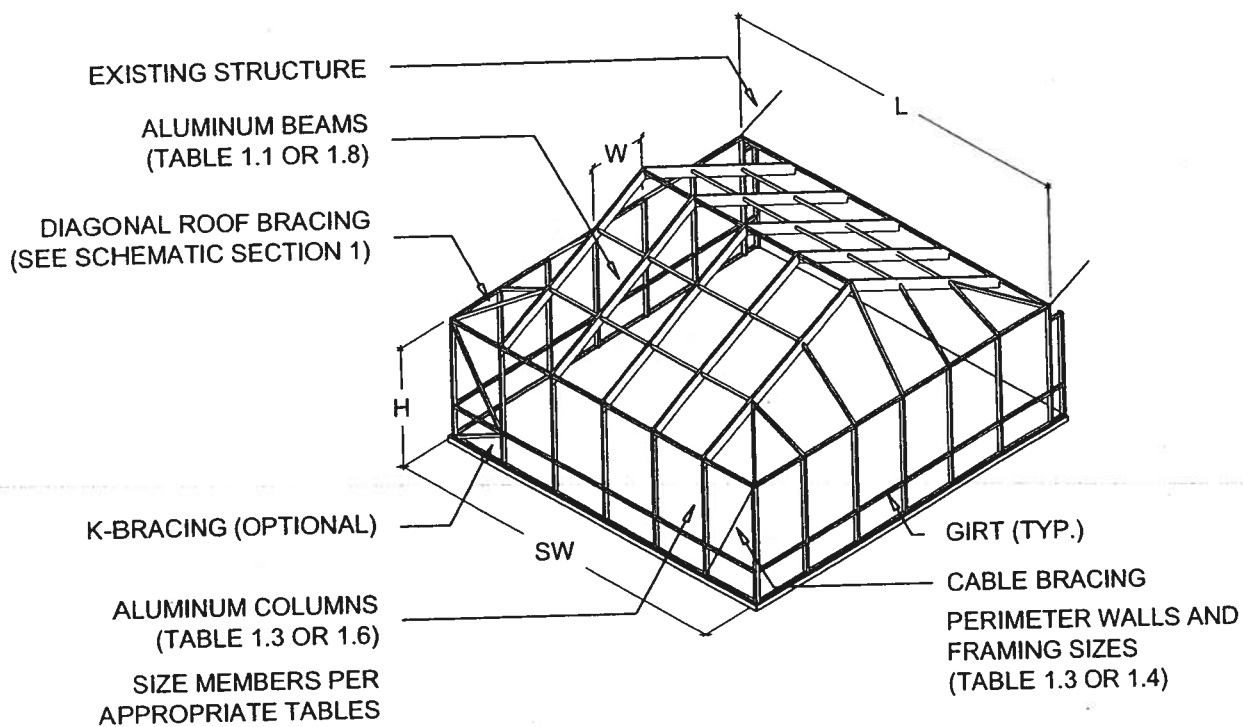
SECTION 1.

SCREENED ENCLOSURES



TYPICAL MODIFIED HIP ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL MODIFIED HIP ROOF - ISOMETRIC

SCALE: N.T.S.

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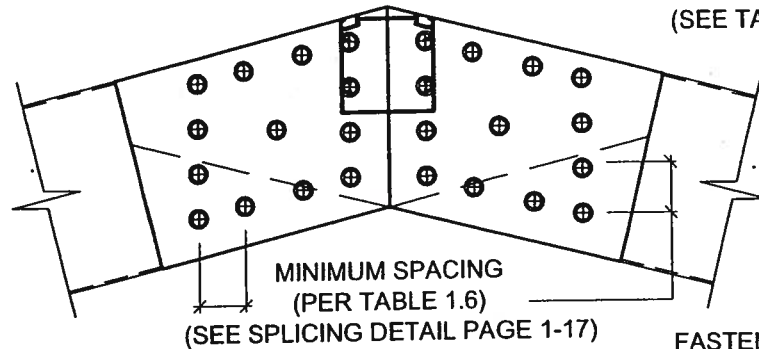
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2" x 2" PURLINS ATTACHED
TO BEAM W/ MIN.
(3) #10 x 1-1/2" S.M.S.

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)

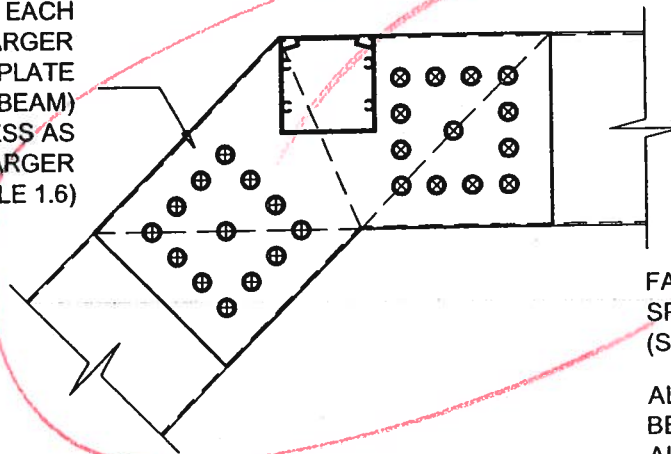


FASTENER SIZE, NUMBER AND
SPACING PER PAGE 1-19
(SEE TABLE 1.6)

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"

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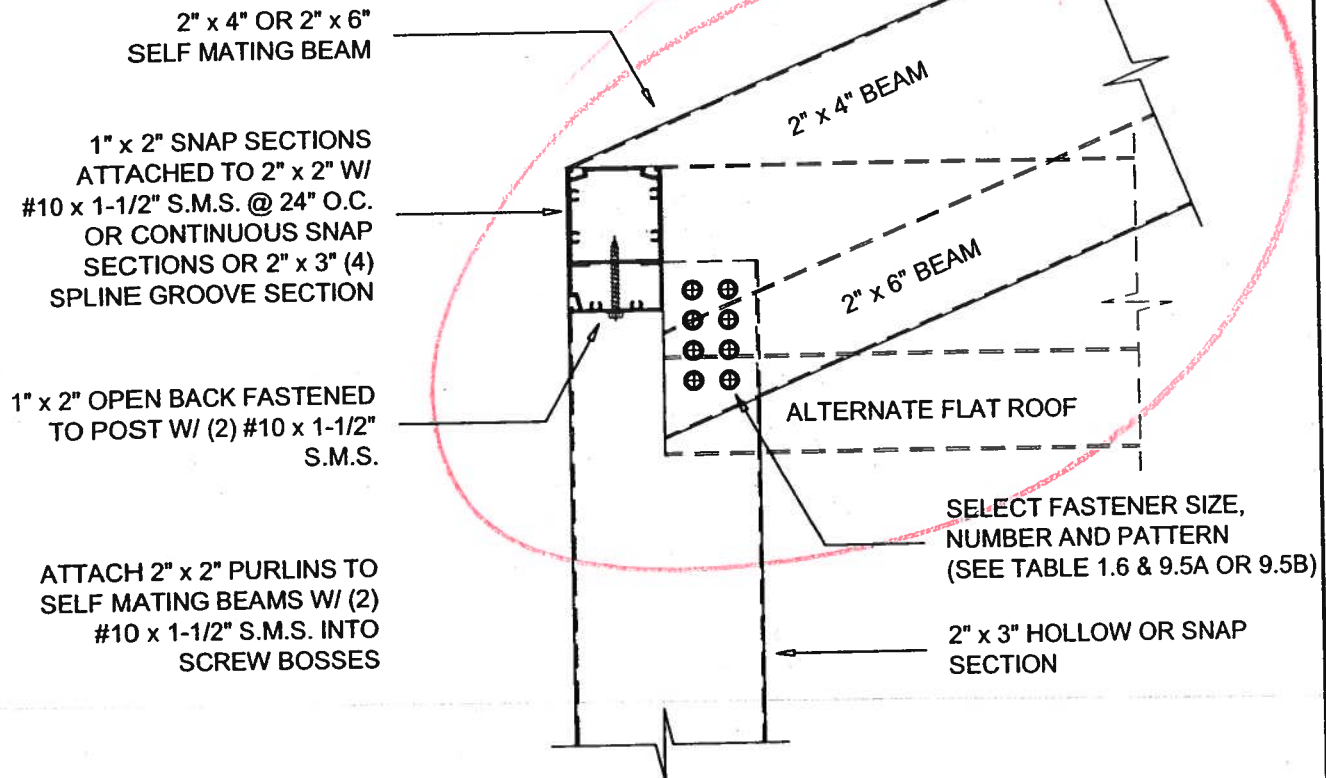
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SECTION 1

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"

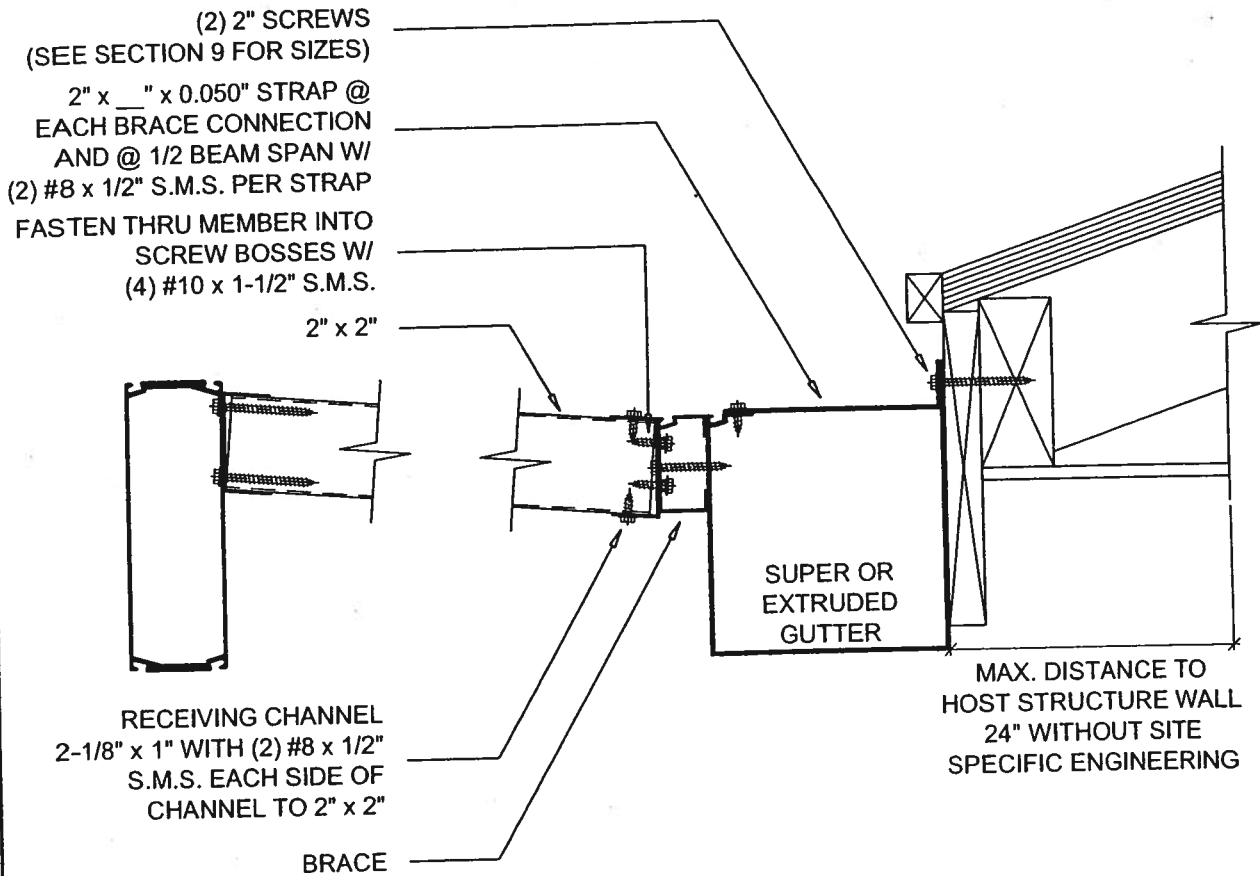
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NON-STRUCTURAL BRACE CONNECTION TO SUPER OR EXTRUDED GUTTER

SCALE: 3" = 1'-0"

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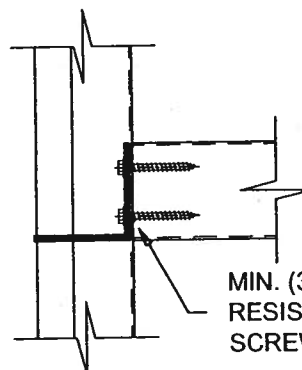
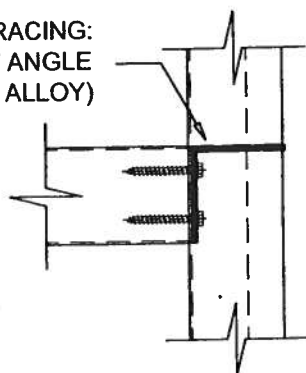
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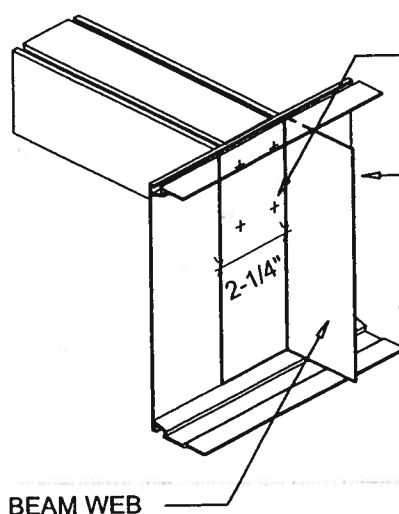
INTERNAL BRACING:
1-3/4" x 1-3/4" x 0.125" ANGLE
(T-6 ALLOY)



MIN. (3) #10 x 2" CORROSION
RESISTIVE WASHER HEADED
SCREWS

PLAN VIEW

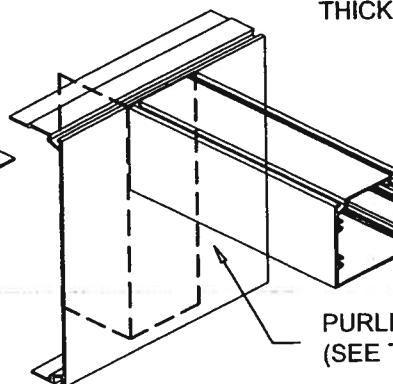
SCALE: 3" = 1'-0"



MIN. (4) #10 x 2" CORROSION
RESISTIVE WASHER HEADED
SCREWS

INTERNAL BRACING CUT FROM
SAME BEAM SIZE W/ 2-1/4"
THICKNESS

BEAM WEB



PURLINS
(SEE TABLE 1.2 OR 1.9)

ISOMETRIC VIEW

SCALE: N.T.S.

LATERAL BEAM BRACING DETAILS (FOR SPANS GREATER THAN 40'-0")

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