

DATE 07/07/2006

Columbia County Building Permit

PERMIT  
000024729

This Permit Expires One Year From the Date of Issue

APPLICANT ANTHONY TRIMBLE PHONE 754-5550  
ADDRESS 548 SW BRANDY WAY LAKE CITY FL 32024  
OWNER DONALD & DIANE WINKLEMAN PHONE 965-0143  
ADDRESS 237 SE LINDALE GLEN LAKE CITY FL 32025  
CONTRACTOR LAKESIDE ALUMINUM PHONE 754-5550  
LOCATION OF PROPERTY BAYA, TR ON OLD COUNTRY CLUB RD, TL ON LINDALE GLEN,  
5TH ON LEFT  
TYPE DEVELOPMENT POOL ENCLOSURE ESTIMATED COST OF CONSTRUCTION 5000.00  
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 03-4S-17-07486-106 SUBDIVISION HAIGHT ASHBURY  
LOT 6 BLOCK PHASE UNIT 0 TOTAL ACRES

5586  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING X06-243 BK JH  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident  
COMMENTS: NOC ON FILE  
Check # or Cash 1948

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 \$ 0.00 SURCHARGE FEE \$ 0.00  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 25.00  
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 INCONVIENCE, 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-

For Office Use Only Application # 0607-04 Date Received 7/7/06 By G Permit # 24729  
 Application Approved by - Zoning Official BK Date 7/7/06 Plans Examiner OKJTH Date 7-7-06  
 Flood Zone N/A Development Permit \_\_\_\_\_ Zoning RSF-2 Land Use Plan Map Category RLO  
 Comments \_\_\_\_\_

24238-Pool

Applicants Name Lakeside Aluminium Phone 754-5550  
 Address 548 SW Brandy Way Lake City  
 Owners Name Donald Winkleman Phone \_\_\_\_\_  
 911 Address 237 SE Lindale Glan Lake City FL 32024  
 Contractors Name Lakeside Aluminium Inc. Phone (386) 754-5550  
 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 \_\_\_\_\_ Lot 6 S/D, WD 1022-1448, WD 1059-751 WD 1057  
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Ene  
 Property ID Number 03-45-1707486-104 Estimated Cost of Construction 5000  
 Subdivision Name Hiaqht - Ashbury Lot 6 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions Country Club Rd Left for 90 to Baya Right Country Club  
Rd Left across 2nd Bridge just before Park. Left into Hiaqht Sub  
Division down on Left 237 SE Lindale  
 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 Dr  
 Actual Distance of Structure from Property Lines - Front 50' Side 19' Side 45' Rear 65'  
 Total Building Height \_\_\_\_\_ Number of Stories \_\_\_\_\_ 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

NOTARY PUBLIC-STATE OF FLORIDA  
 Casey N. Umstead  
 Commission # DD541456  
 Expires: APR. 18, 2010  
 Notary Public and Notary Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me  
 this 7 day of July 2006

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

notary - notary - notary - notary

atoll  
 Contractor Signature  
 Contractors License Number \_\_\_\_\_  
 Competency Card Number 5586  
 NOTARY STAMP/SEAL

Casey N Umstead  
 Notary Signature

January 01, 2006

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

TO ALL BUILDING DEPARTMENTS

Re: Master File Engineering  
"ALUMINUM STRUCTURES DESIGN MANUAL"  
2004 edition & 2006 edition

Dear Building Official/Plans Examiner,

This is to certify that the following contractor/company is hereby authorized to use my 2004 ed "ALUMINUM STRUCTURES DESIGN MANUAL" during the year 2006. When we publish and distribute the 2006 ed of the "ALUMINUM STRUCTURES DESIGN MANUAL", they will be authorized to use that manual for the remainder of 2006.

Our authorization is based on a January to January basis regardless of the edition of the manual. This authorization also applies to contractor master file drawings, "ONE PERMIT ONLY" drawings or any "site specific" drawings that I may furnish the contractor.

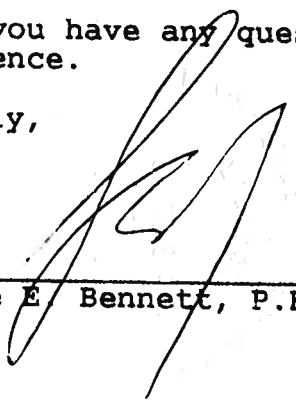
Anthony Trimble

Lake Side Aluminum  
548 SW Brandy Way  
Lake City, FL 32024

They are hereby added to my 2006 MASTERFILE LIST

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

Sincerely,



---

Lawrence E. Bennett, P.E. #16644

## NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF

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: 03-45-17.07486-104  
Lot 6 Haight - Ashbury S/D - WD 1022 - 1448, WD 1059 - 251, WD 1059 - 1130
2. General Description of Improvement: Screen Pool Enclosure
3. Owner Information:
  - a. Name and Address: DONALD J Winkler  
237 SE Lindale Ave Lake City FL 32024
  - b. Interest in Property: 100%  
N/A
  - c. Name and Address of Fee Simple Titleholder (if other than owner): \_\_\_\_\_
4. Contractor (name and address): Lake Side Aluminum  
548 SW Randy Way Lake City FL 32024
5. Surety:
  - a. Name and Address: N/A
  - b. Amount of Bond: N/A Inst: 2006015836 Date: 07/03/2006 Time: 09:42  
D. J. DC, P. Dewitt Cason, Columbia County B: 1088 P: 1773
6. Lender (name and address): N/A
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7): \_\_\_\_\_
8. In addition to himself, owner designates: \_\_\_\_\_  
to receive a copy of the Lessor's Notice as provided in Florida Statutes 713.13(1)(b).
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): \_\_\_\_\_



Mary H. Summerall  
My Commission DD355258  
Expires November 29, 2006

Type Owner Name: DONALD J Winkler

Type Owner Name: \_\_\_\_\_

Sworn to and subscribed before me this 26 day of June, 2006.

Personally Known X

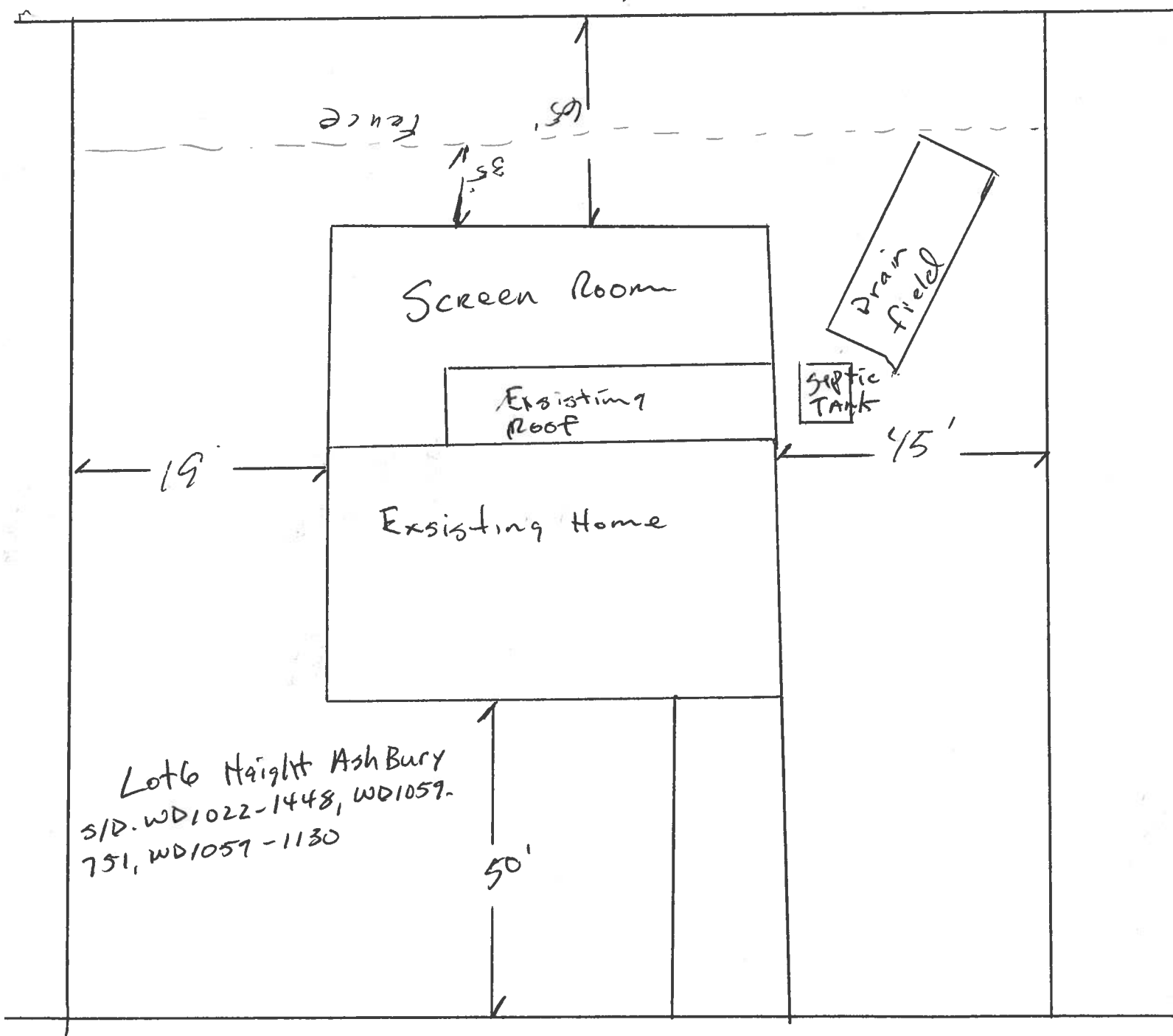
Produced ID \_\_\_\_\_

Did/Did Not Take an Oath \_\_\_\_\_

Type Notary's Name Mary H. Summerall

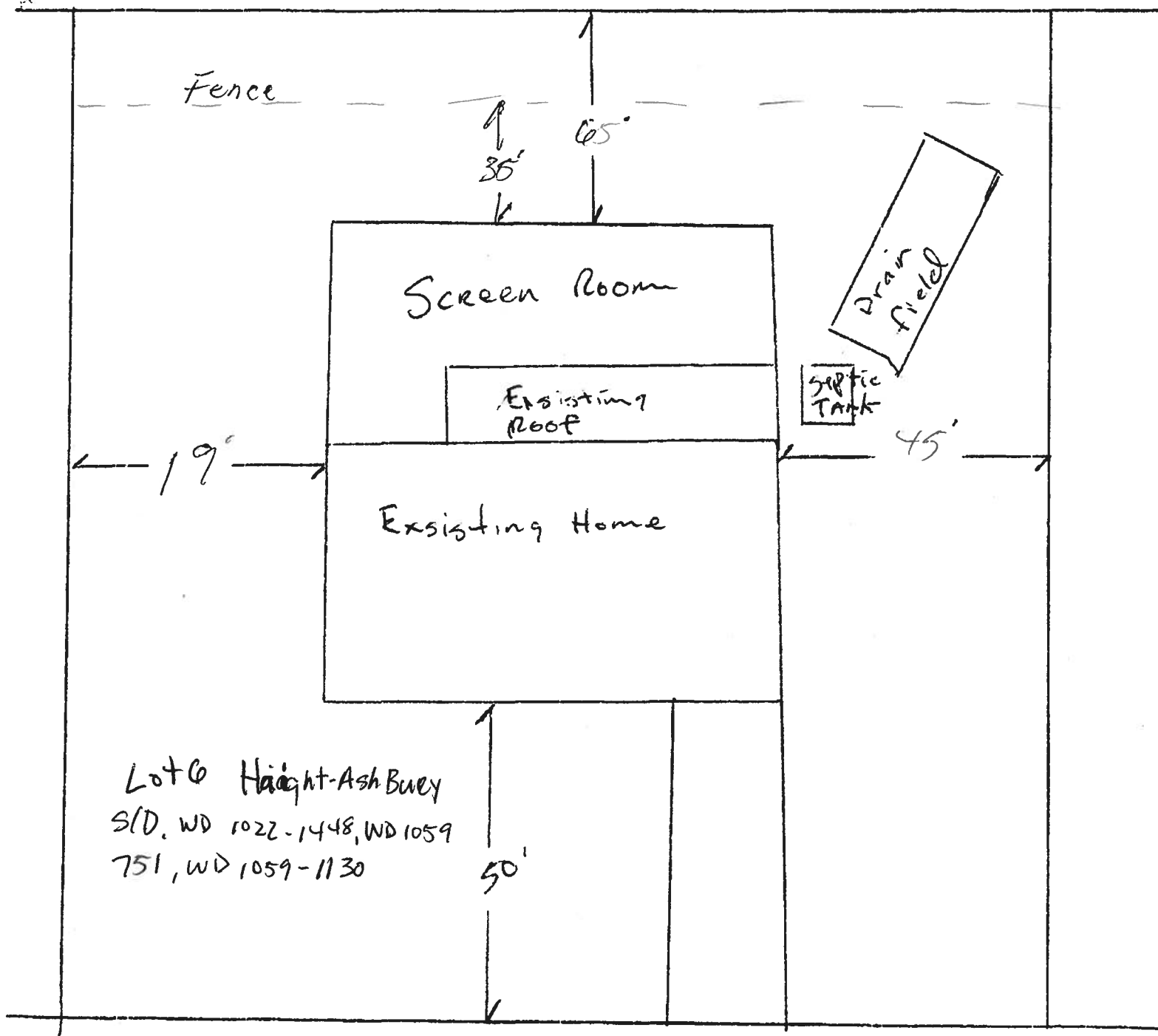
Notary Public, State of Florida

Commission Expiry & Number: \_\_\_\_\_



Lot 6 Haight Ashbury  
S/D. WD1022-1448, WD1059-  
751, WD1059-1130

Lindale Glenn



Lot 6 Haight-Ashbury  
S/D, WD 1022-1448, WD 1059  
751, WD 1059-1130

Lindale Glen



PHONE

Local 268-4744 Jax

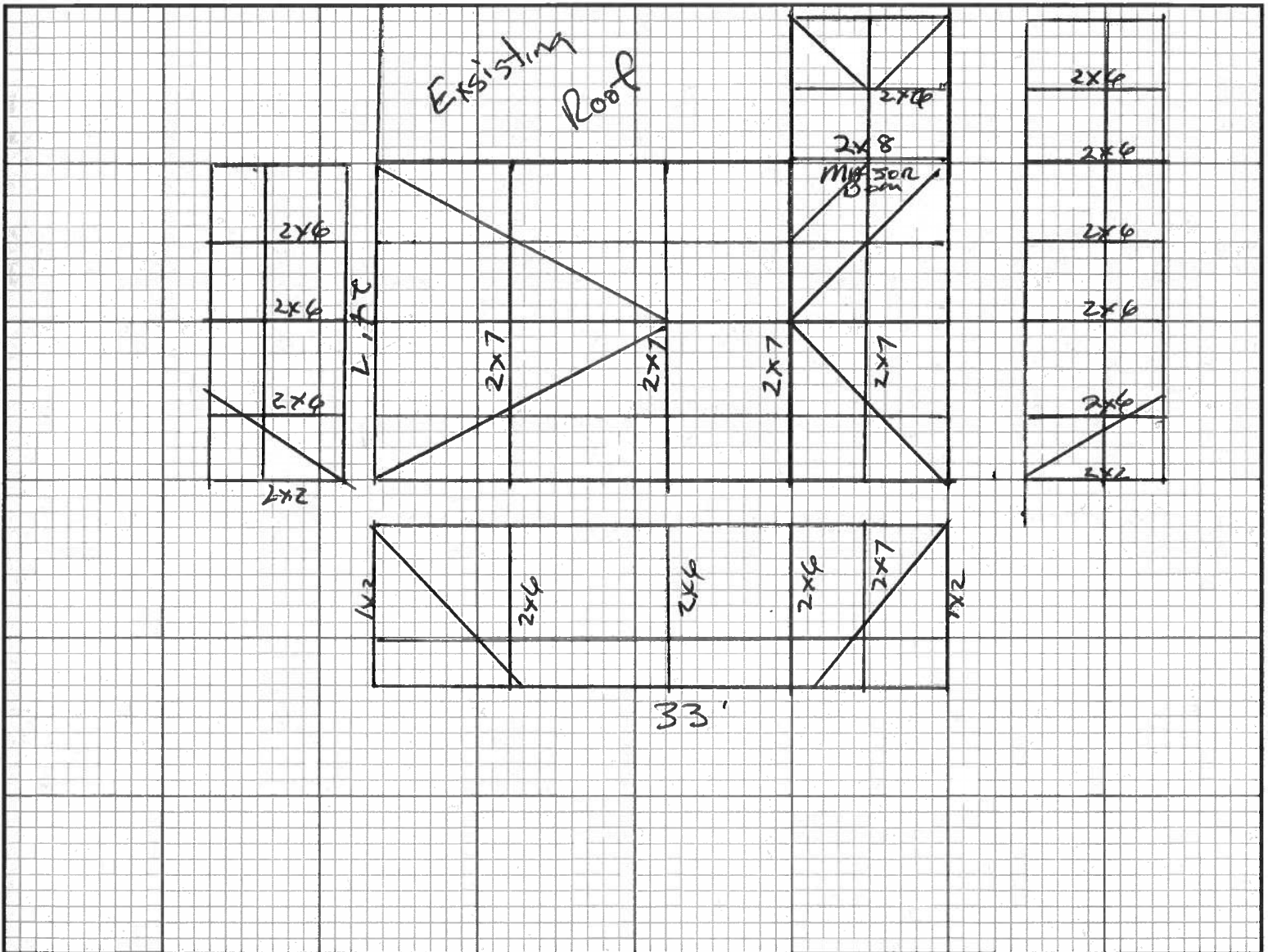
National Watts 800-341-4364



FAX

Local 262-1656 Jax

National Watts 877-329-4763



Job Name and Information

Contractor

PHONE

Local 268-4744 Jax

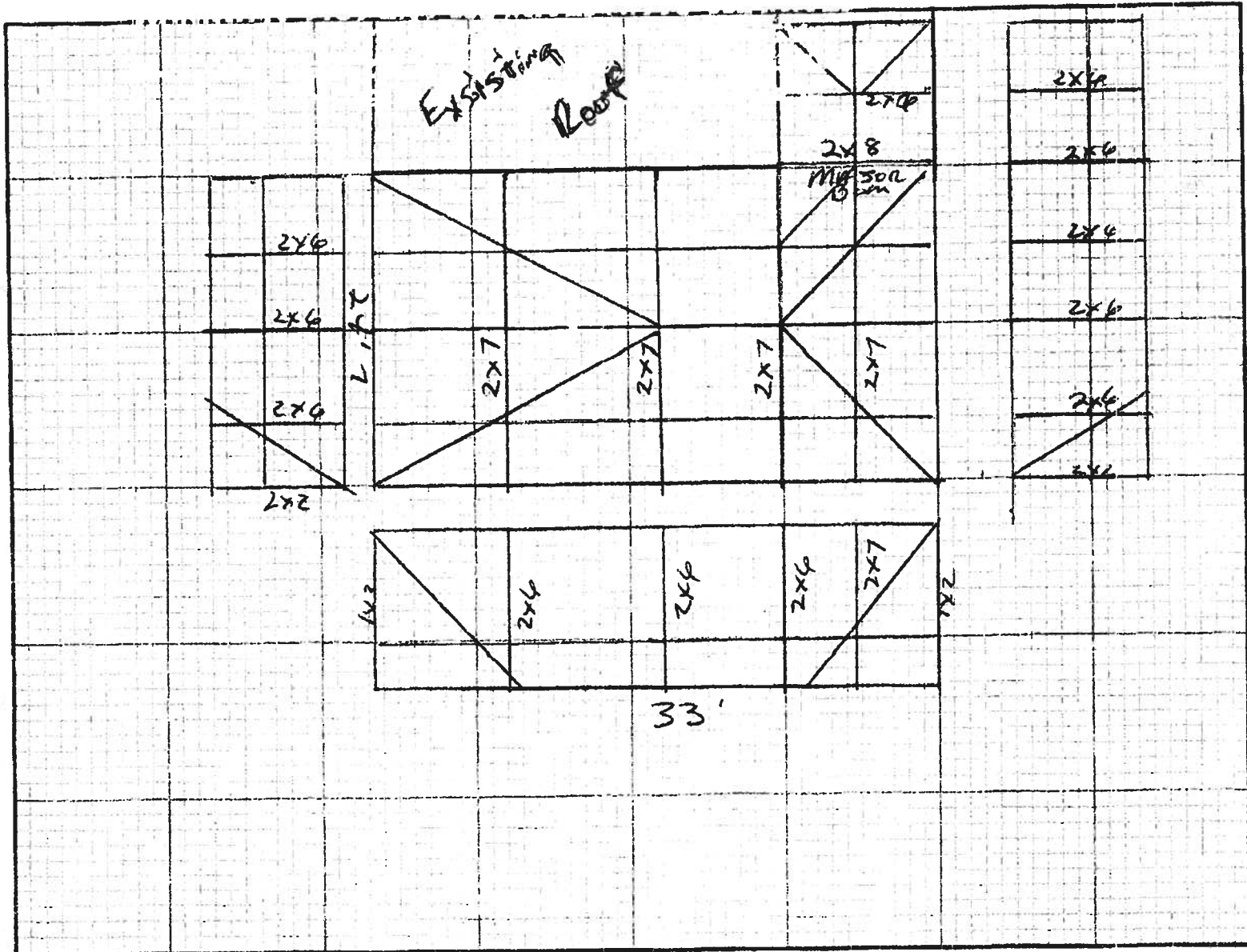
National Watts 800-341-4364



FAX

Local 262-1656 Jax.

National Watts 877-329-4763



Job Name and Information

Contractor



# 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

**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

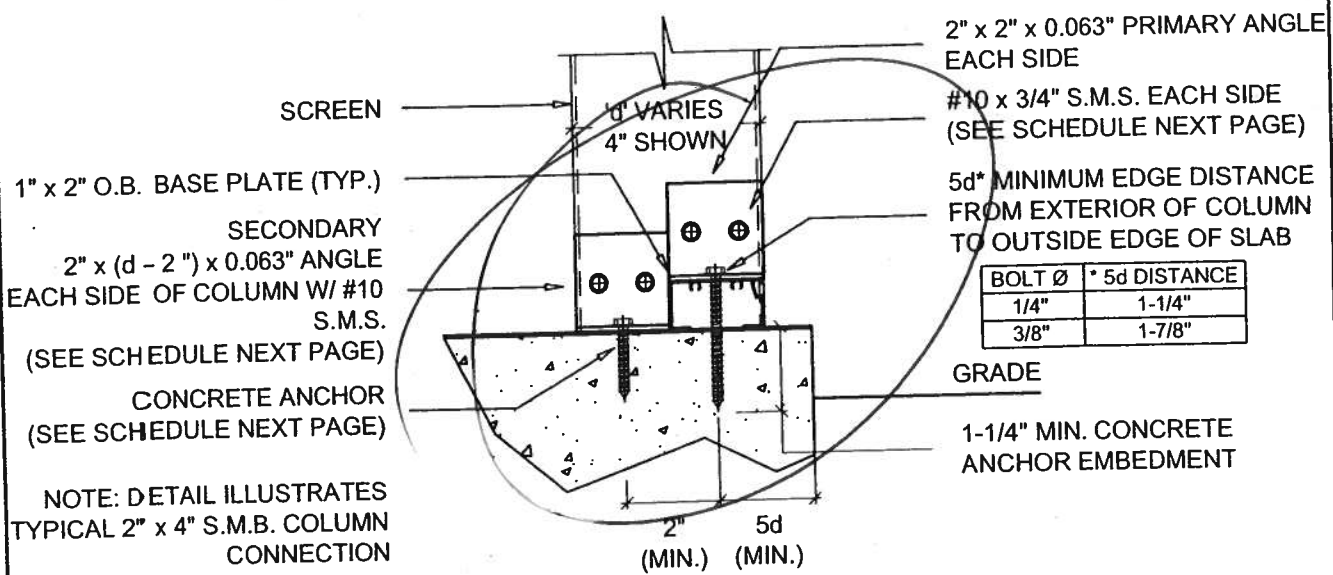
P.O. BOX 214368, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

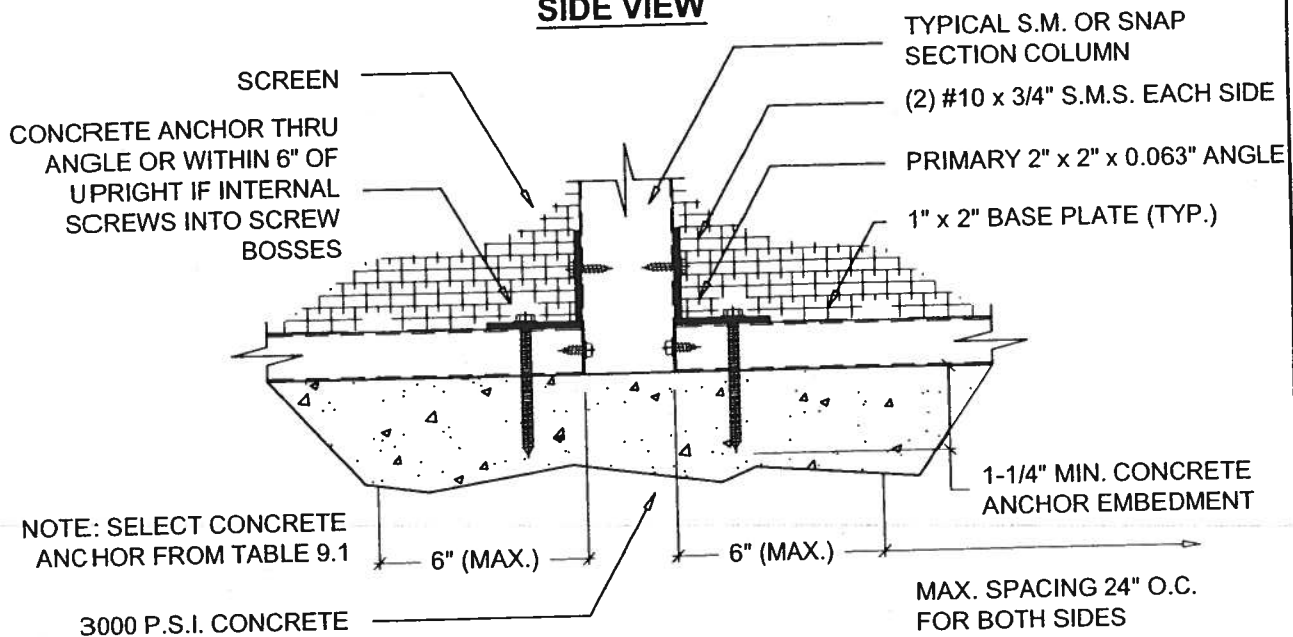
FAX: (386) 767-6556

# 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

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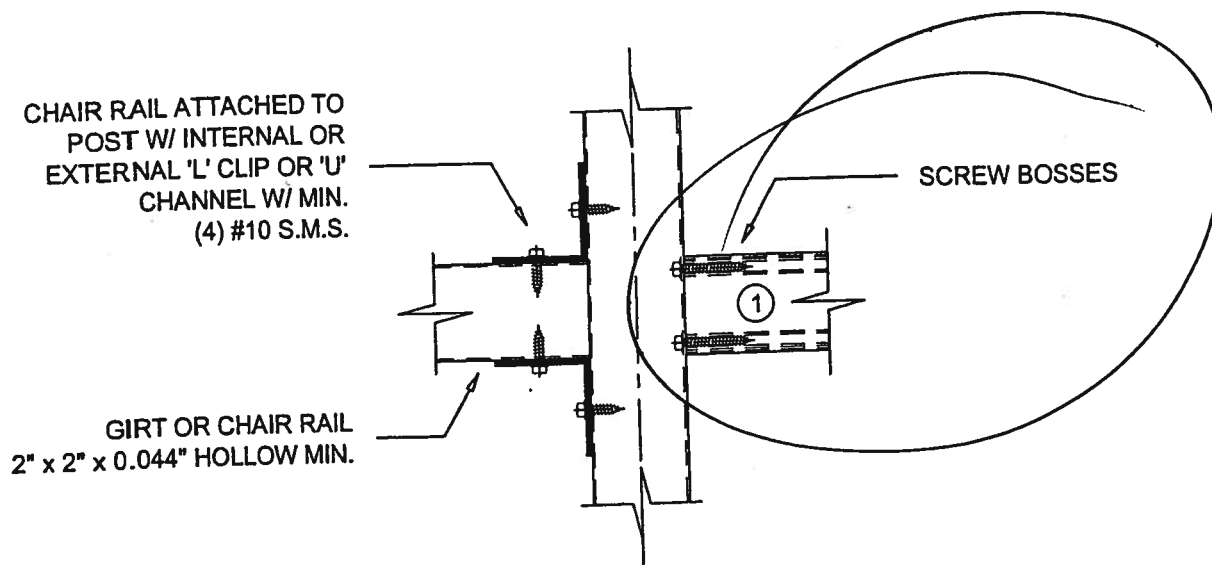
1-50

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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

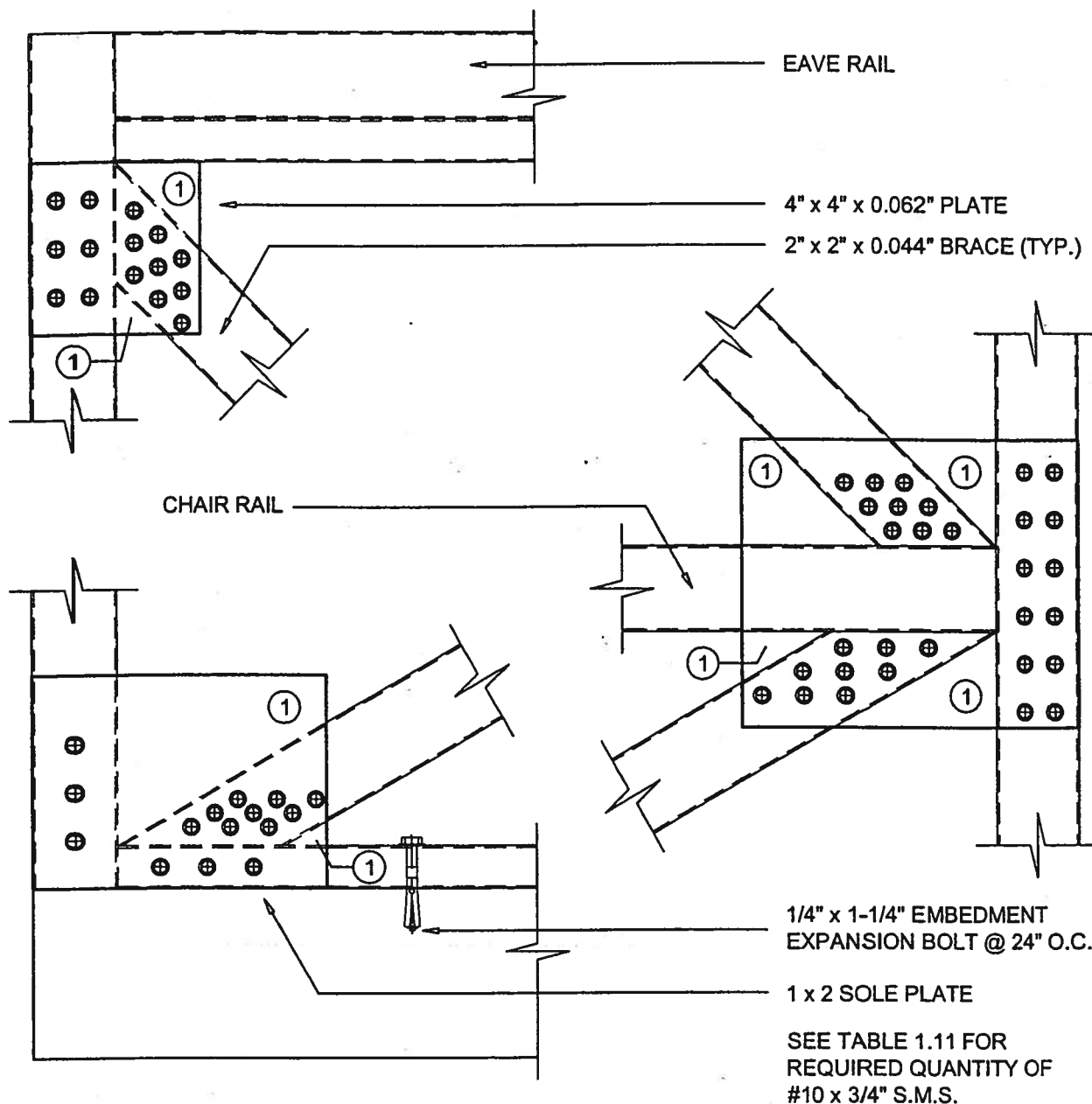
IF GIRT IS ON BOTH SIDES OF THE POST THEN STRAP SHALL BE 6" LONG AND CENTERED ON THE POST AND HAVE A TOTAL (12) #10 x 3/4" S.M.S.

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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.

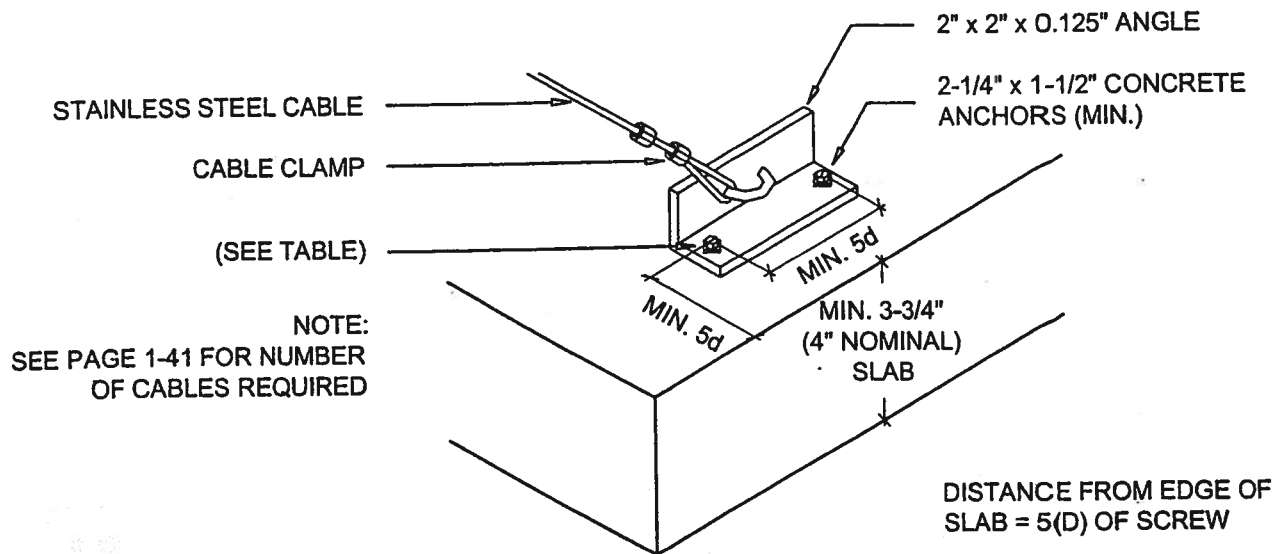
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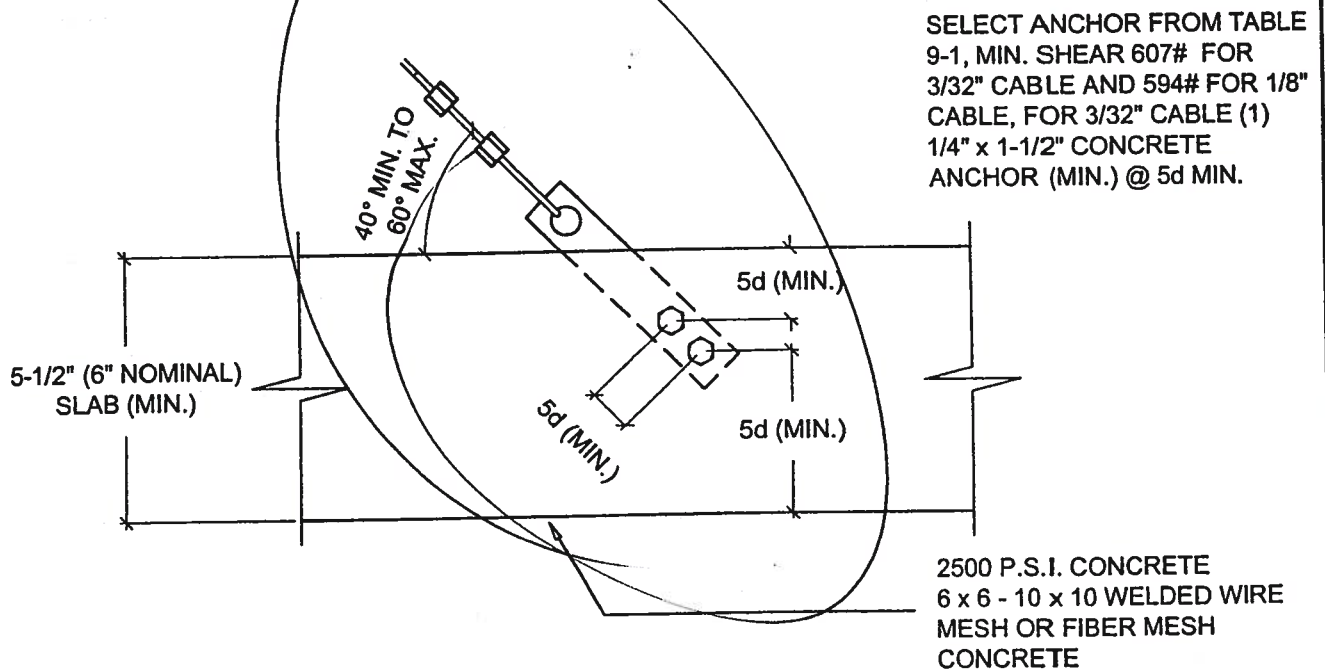
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**ALTERNATE CABLE CONNECTION AT SLAB DETAIL - DETAIL 2B**

SCALE: 3" = 1'-0"



**ALTERNATE CABLE CONNECTIONS AT FOUNDATION - DETAIL 2C**

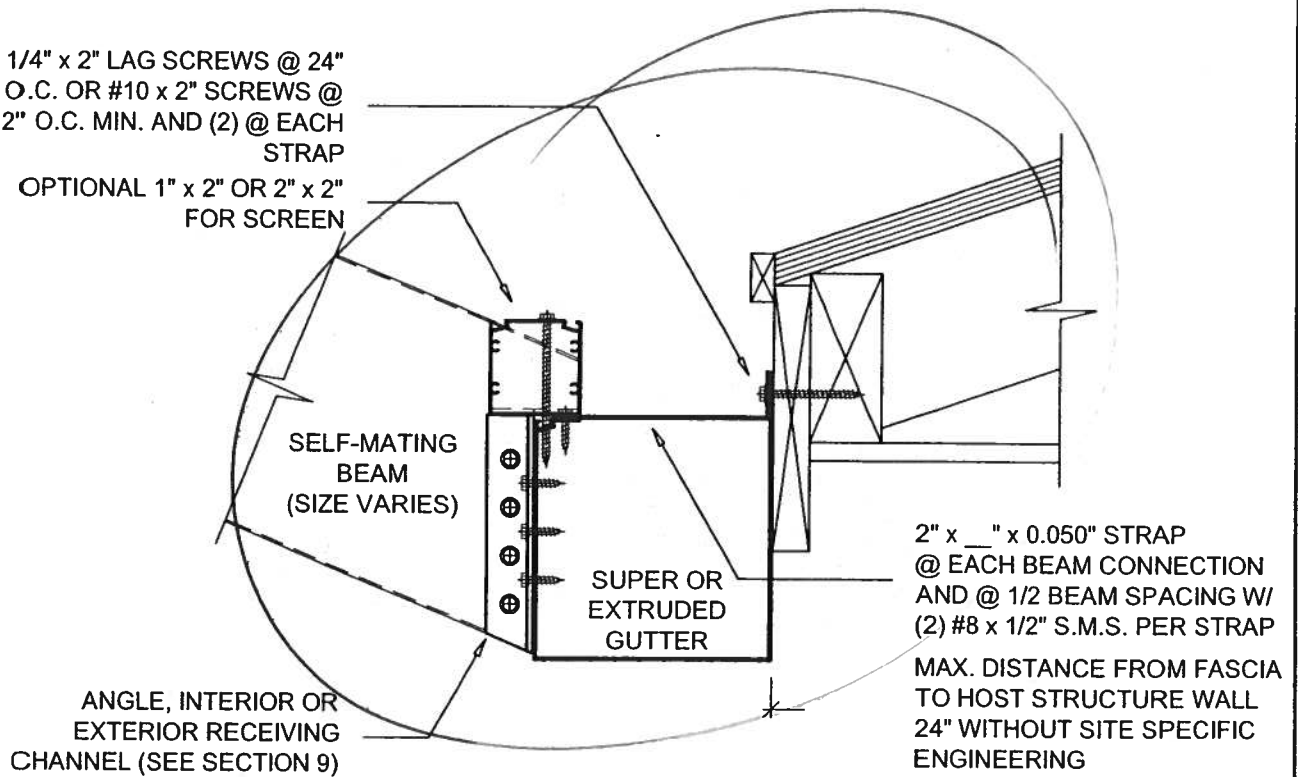
SCALE: 3" = 1'-0"

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FAX: (386) 767-6558



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"

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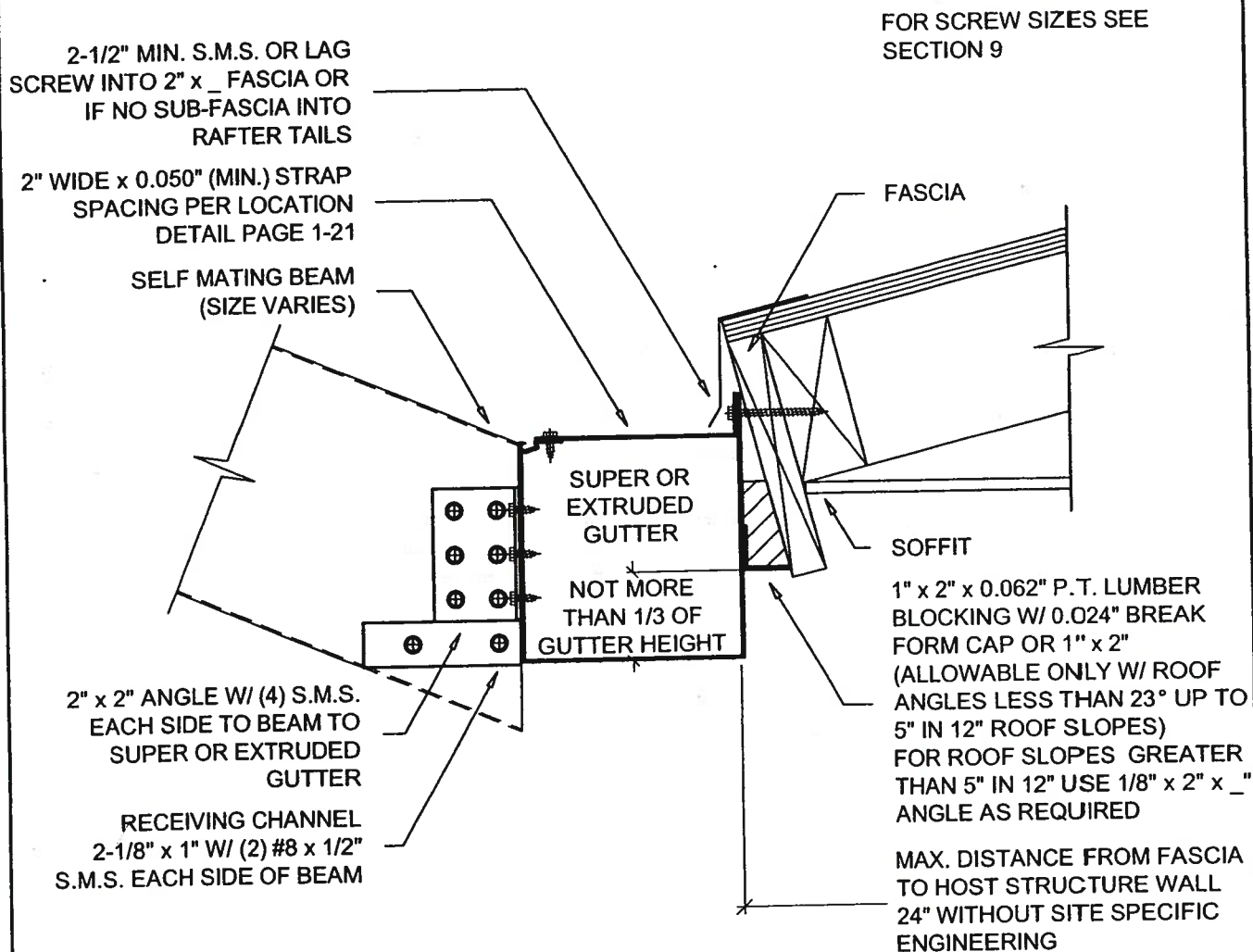
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TELEPHONE: (386) 767-4774

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# 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 214388, SOUTH DAYTONA, FL 32121

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

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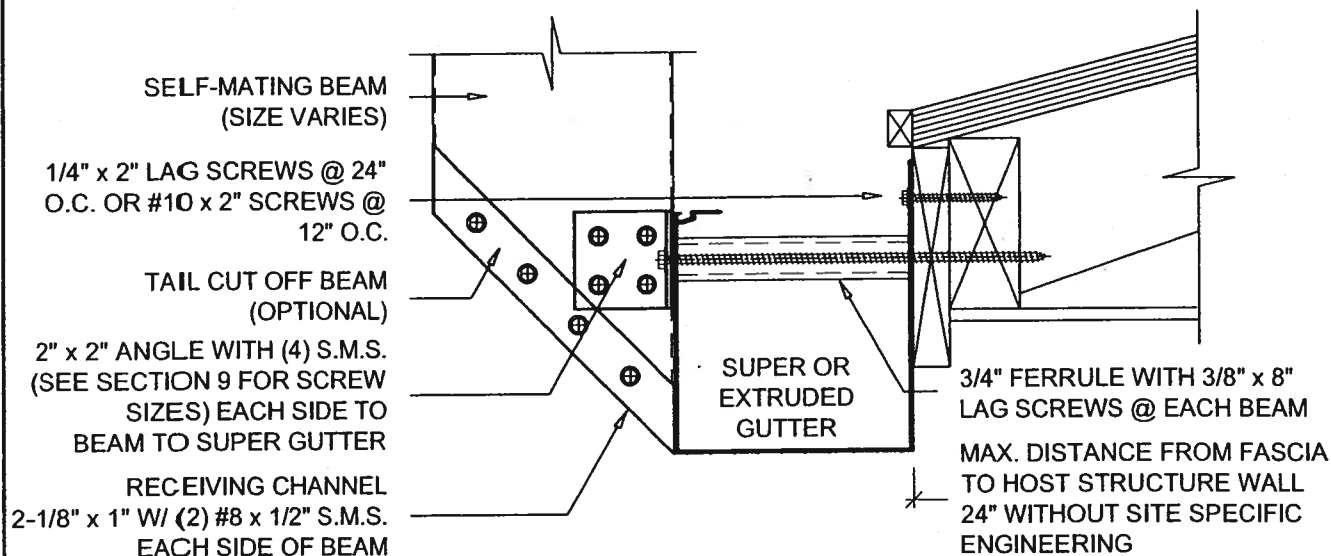
**1-24**

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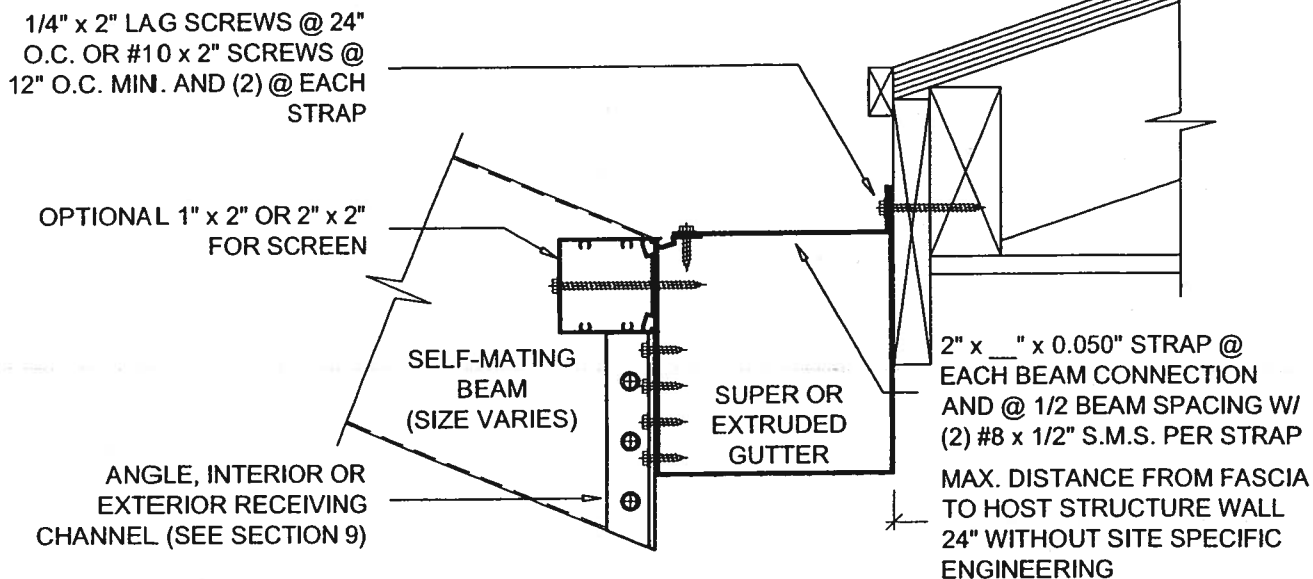
## SECTION 1

## 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"

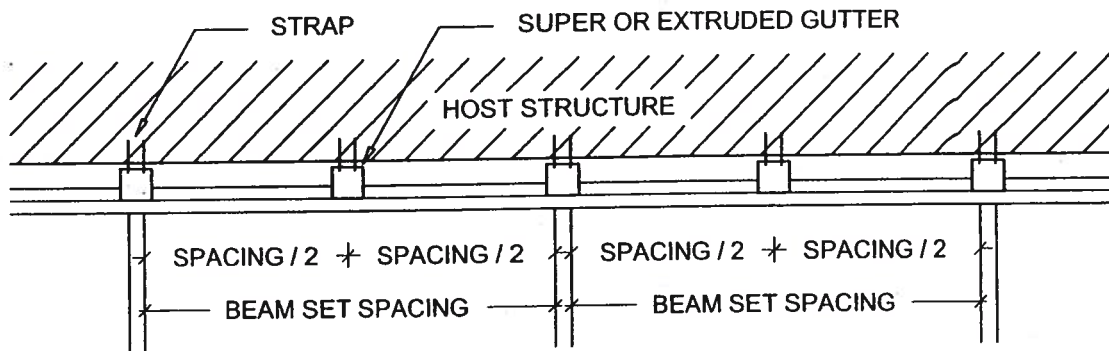
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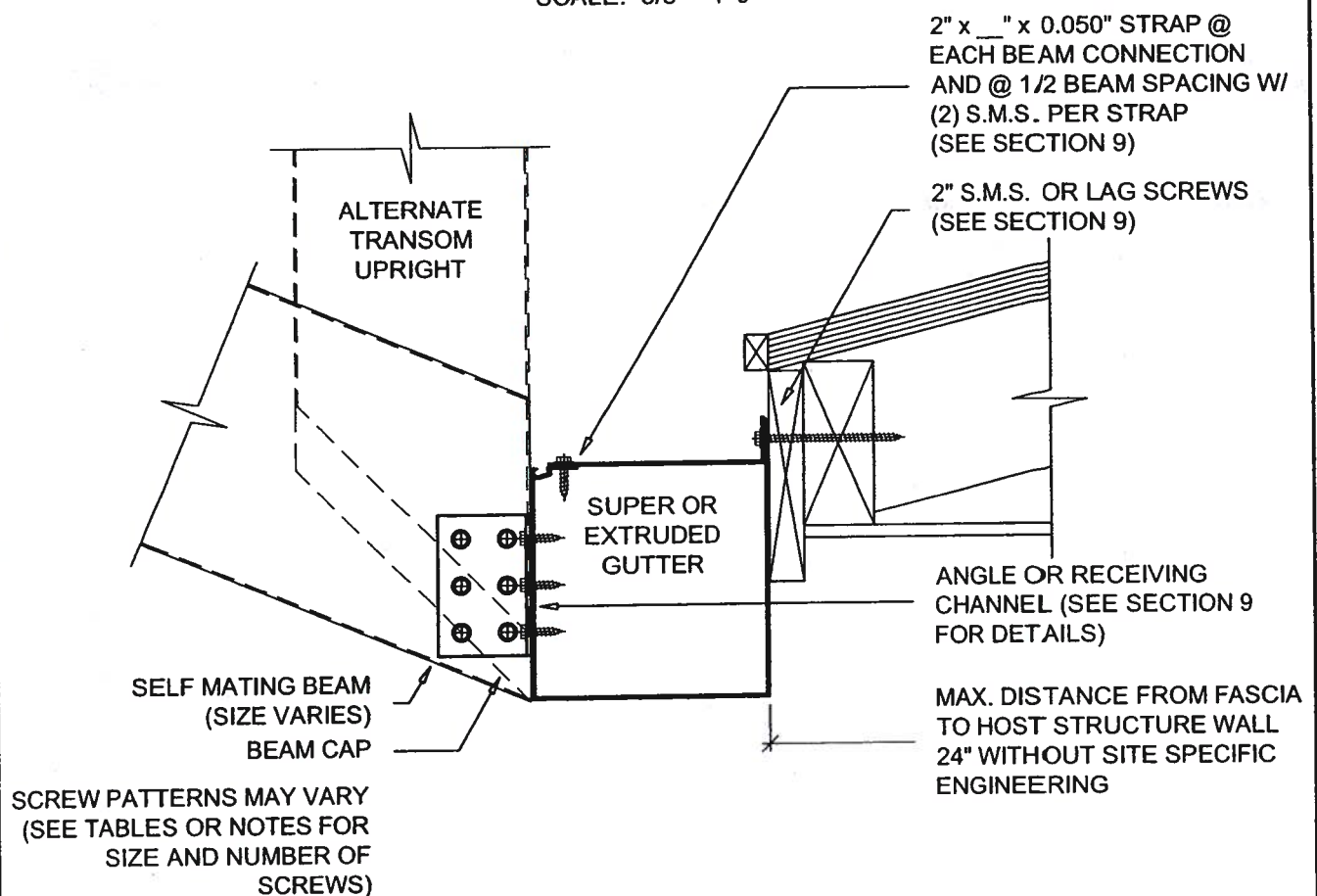
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**STRAP LOCATION FOR SUPER OR EXTRUDED GUTTER REINFORCEMENT**

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



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

SCALE: 3" = 1'-0"

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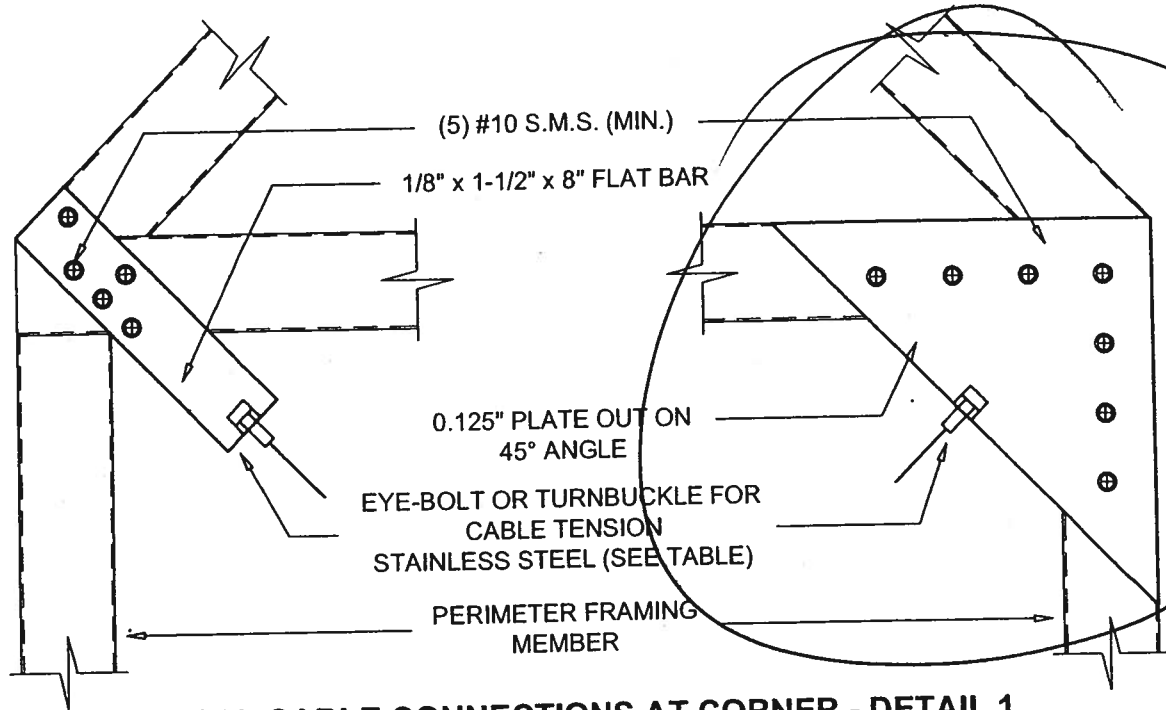
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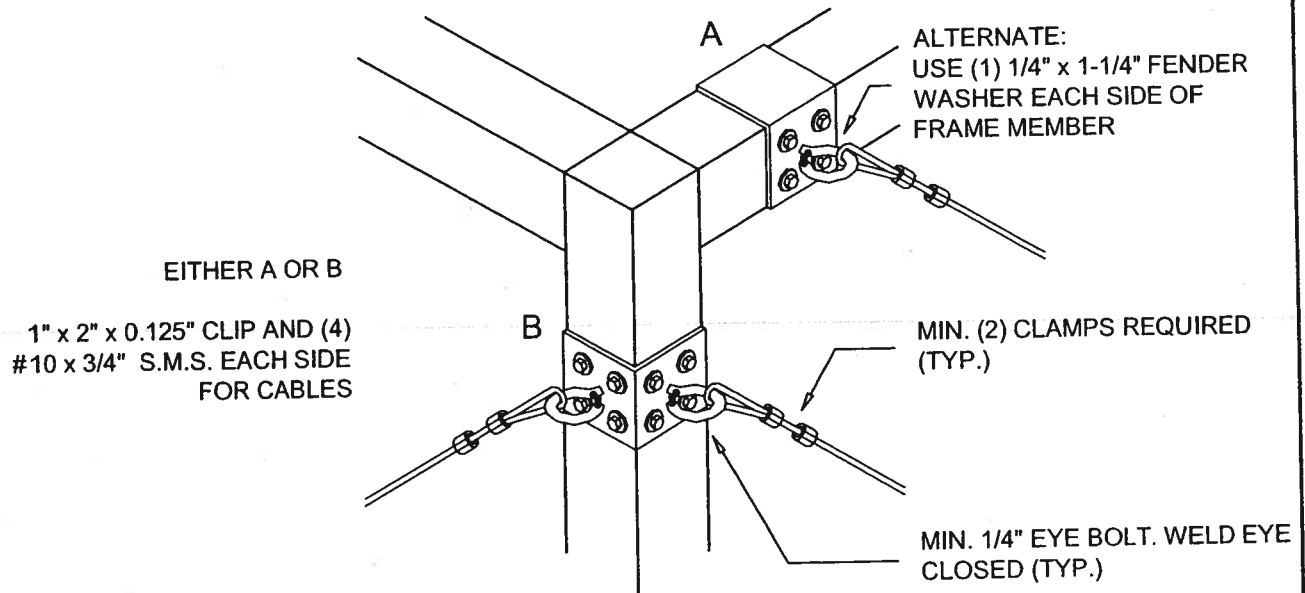
# SCREENED ENCLOSURES

## 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"

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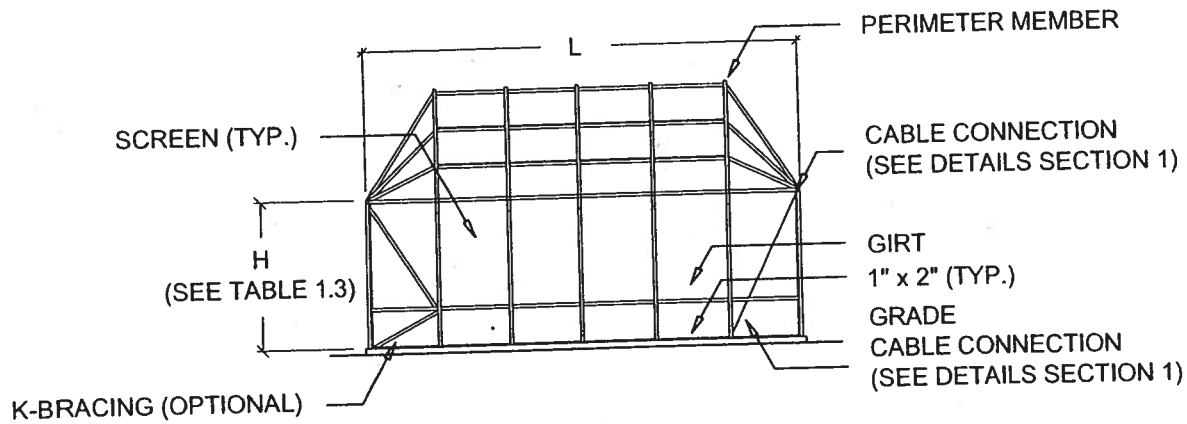
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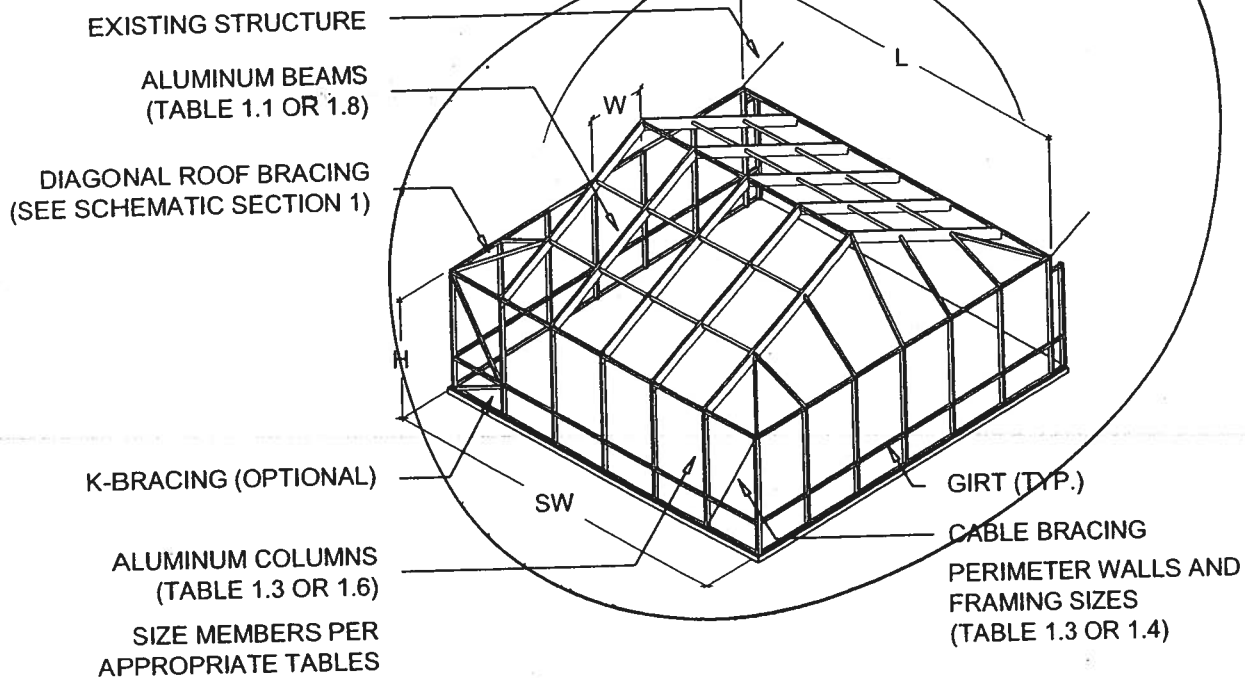
# SECTION 1

## SCREENED ENCLOSURES



### TYPICAL MODIFIED HIP ROOF - ELEVATION

SCALE: N.T.S.



### TYPICAL MODIFIED HIP ROOF - ISOMETRIC

SCALE: N.T.S.

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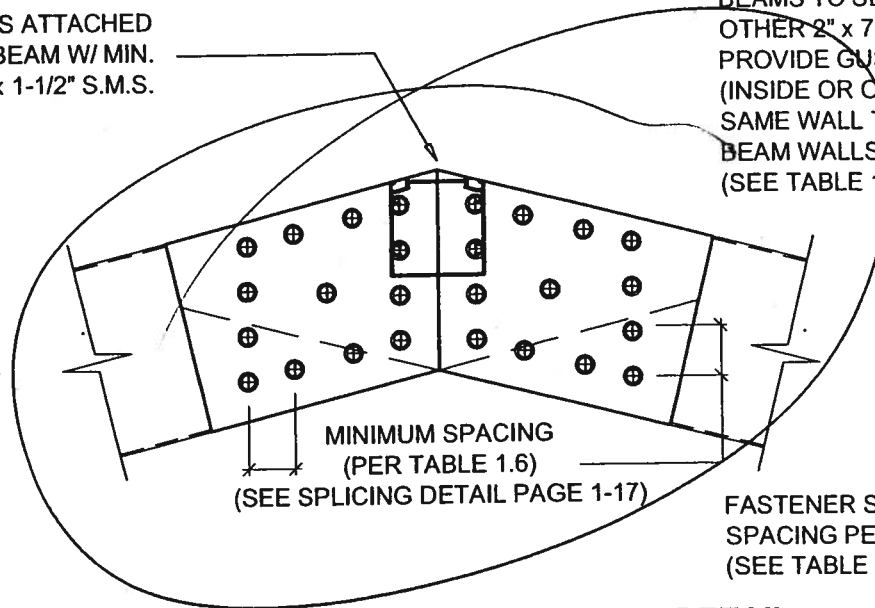
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2" x 2" PURLINS ATTACHED  
TO BEAM W/ MIN.  
(3) #10 x 1-1/2" S.M.S.

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)



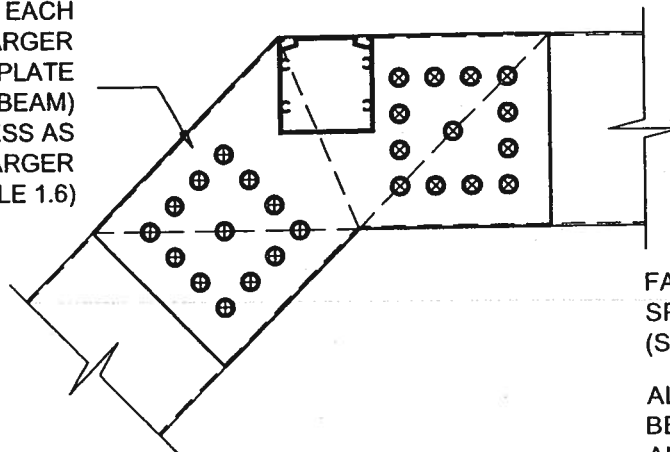
MINIMUM SPACING  
(PER TABLE 1.6)  
(SEE SPLICING DETAIL PAGE 1-17)

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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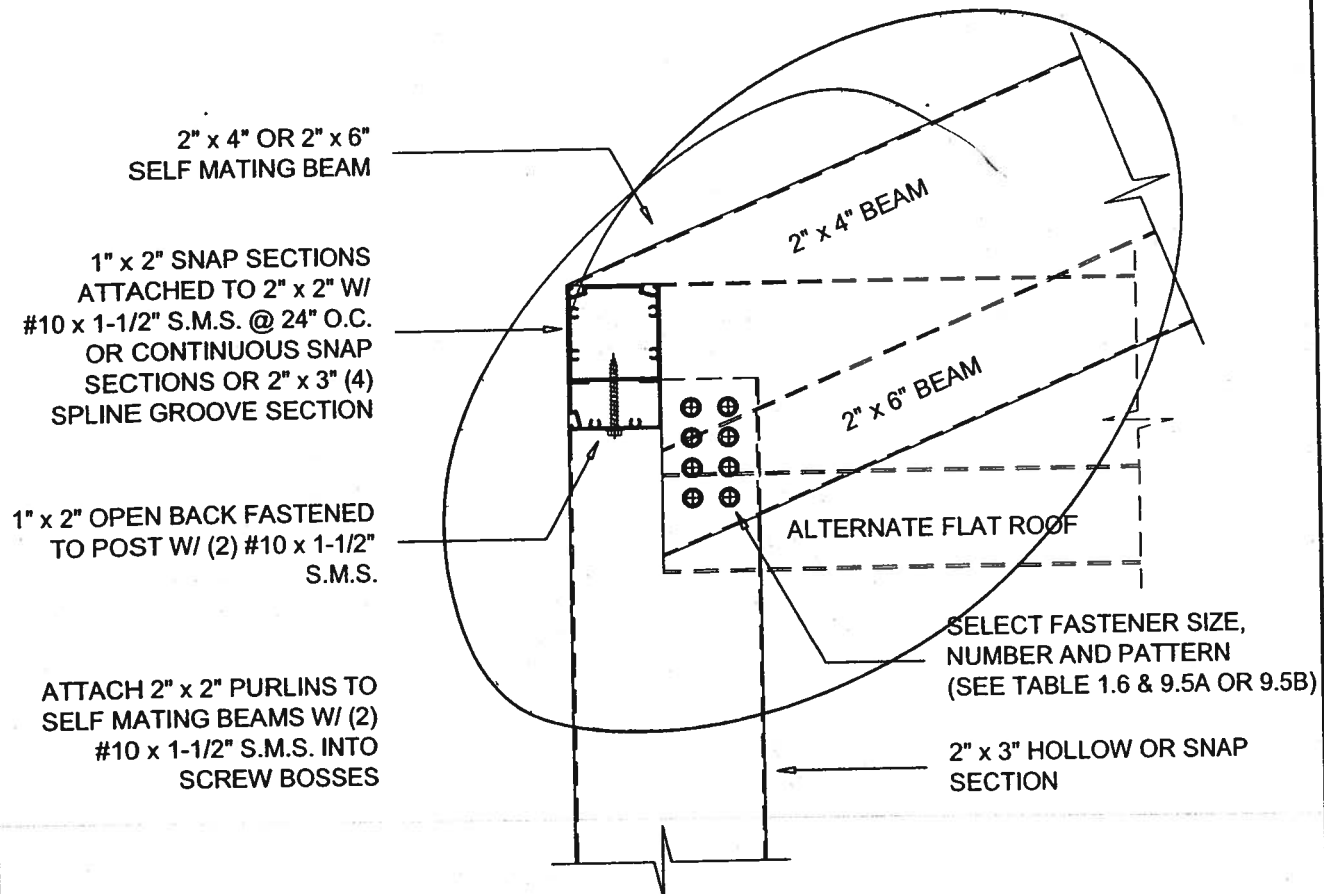
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# SECTION 1

## 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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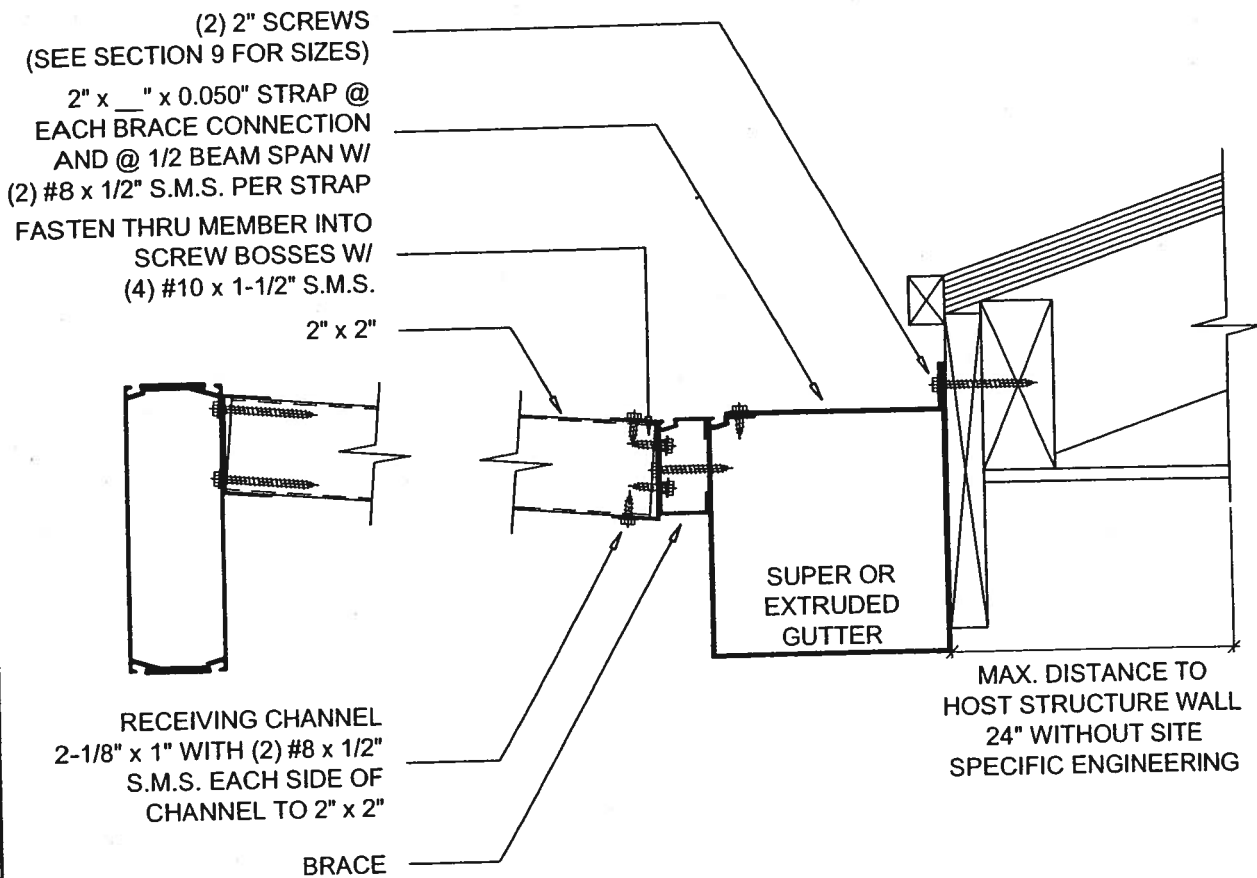
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PAGE

**1-8**

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**NON-STRUCTURAL BRACE CONNECTION TO SUPER OR EXTRUDED GUTTER**

SCALE: 3" = 1'-0"

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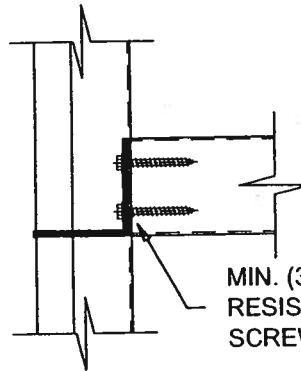
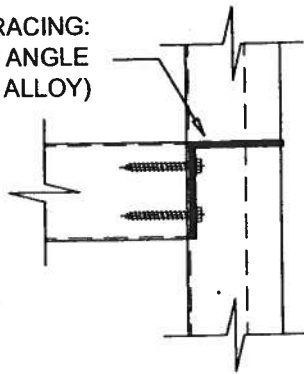
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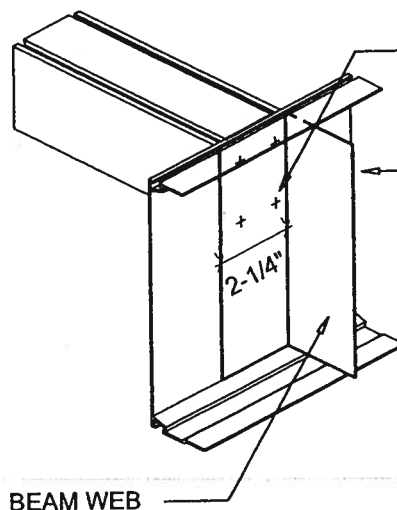
INTERNAL BRACING:  
1-3/4" x 1-3/4" x 0.125" ANGLE  
(T-6 ALLOY)



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

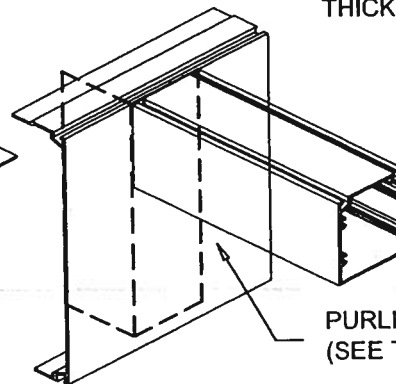
**PLAN VIEW**

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



PURLINS  
(SEE TABLE 1.2 OR 1.9)

**ISOMETRIC VIEW**

SCALE: N.T.S.

**LATERAL BEAM BRACING DETAILS (FOR SPANS GREATER THAN 40'-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

# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

## OCCUPANCY

### COLUMBIA COUNTY, FLORIDA

#### Department of Building and Zoning Inspection

*This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.*

Parcel Number 03-4S-17-07486-106

Building permit No. 000024729

Use Classification POOL ENCLOSURE

Fire: 0.00

Permit Holder LAKE SIDE ALUMINUM

Waste:           

Owner of Building DONALD & DIANE WINKLEMAN

Total: 0.00

Location: 237 SE LINDALE GLEN

Date: 07/19/2006



*Paul J. [Signature]*  
Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)