

DATE 03/14/2007

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000025614

APPLICANT DAN TRIMBLE PHONE 387.754.5550

ADDRESS 548 SW BRANDY WAY LAKE CITY FL 32024

OWNER WILLIAM & TOBYN LEE PHONE 386.754.5191

ADDRESS 2019 SE CR 18 LAKE CITY FL 32024

CONTRACTOR ANTHONY TRIMBLE PHONE 386.754.5550

LOCATION OF PROPERTY 441-S TO C-18,TL APPROX. 2 MILES TO GILES MARTIN ROAD  
AND IT'S JUST PAST THERE ON NORTH SIDE C-18.(SEE # ON POST.)

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 A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 2 FLOOD ZONE DEVELOPMENT PERMIT NO.

PARCEL ID 24-6S-17-09767-009 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 10.00

5568

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

EXISTING X-07-088 CFS JTH N

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE.

Check # or Cash 2161

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic

Under slab rough-in plumbing Slab Sheathing/Nailing

Framing Rough-in plumbing above slab and below wood floor

Electrical rough-in Heat & Air Duct Peri. beam (Lintel)

Permanent power C.O. Final Culvert

M/H tie downs, blocking, electricity and plumbing Pool

Reconnection Pump pole Utility Pole

M/H Pole Travel Trailer Re-roof

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 \$ CULVERT FEE \$ TOTAL FEE 90.00

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

**For Office Use Only** Application # 0702-58 Date Received 3/21 By JW Permit # 25614  
 Application Approved by - Zoning Official Che Date 2/22/07 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone N/A Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments \_\_\_\_\_

☐ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☒ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Dan Trimble Fax 755 4063  
 Address 548 SW Brandy Way Lakecity FL 32024 Phone 754-5550

Owners Name William & Tobyn Lee Phone \_\_\_\_\_  
 911 Address 2019 SE County RD 18 Mikesville 32024

Contractors Name Lakeside Aluminum Finc Phone 754-5550  
 Address 548 SW Brandy Way Lakecity 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 Energy

Property ID Number 24-65-17-09167-009 14X Estimated Cost of Construction 8000.00  
 Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions 441 to mikesville Left on CR18 Go to Curve just Before Curve Green mail box on left turn left to house.

Type of Construction Screen Pool Enclosure Number of Existing Dwellings on Property 2  
 Total Acreage 10 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 200 Side 200 Side 800 Rear 300  
 Total Building Height 12' Number of Stories 1 Heated Floor Area \_\_\_\_\_ Roof Pitch \_\_\_\_\_

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

Owner Builder or Authorized Person by Notarized Letter \_\_\_\_\_

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Witnessed to (or affirmed) and subscribed before me \_\_\_\_\_

On this 21st day of February 2007  
 Personally known \_\_\_\_\_ or Produced Identification X

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

Contractor Signature \_\_\_\_\_  
 Contractors License Number 5568  
 Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL

ALISA S. EPPERSON  
 Notary Public - State of Florida  
 My Commission Expires Aug 29, 2009  
 Commission # DD466928  
 Bonded By National Notary Assn.

Notary Signature \_\_\_\_\_  
 (Revised Sept. 2006)

## NOTICE OF COMMENCEMENT

STATE OF FLORIDA  
COUNTY OF ~~SUMMITT~~

Inst:2007004140 Date:02/21/2007 Time:10:27

S.7 DC,P.Dewitt Cason,Columbia County B:1111 P:917

Columbia

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: Sec 24 Township 6 south Range 17 East  
Columbia County
2. General Description of Improvement: Pool Screen Enclosure
3. Owner Information:
  - a. Name and Address: William & Tobyn Lee  
2019 S.W. County RD 18 32024
  - b. Interest In Property:
  - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor (name and address): Lakeside Aluminum Inc  
548 SW Brandy Way Lake City FL 32024
5. Surety:
  - a. Name and Address:
  - b. Amount of Bond:
6. Lender (name and address):
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7):
8. In addition to himself, owner designates:
9. to receive a copy of the Lessor's Notice as provided in Florida Statutes 713.13(1)(b).
10. Expiration date of Notice of Commencement: (the expiration date is 1 year from the date of recording unless a different date is specified):

Tobyn Lee  
Type Owner Name: Tobyn Lee

William Lee  
Type Owner Name: William Lee

Sworn to and subscribed before me this 6<sup>th</sup> day of Feb., 20 07.

Personally Known                     Produced ID                     Did/Did Not Take an Oath                     

Amy P. Baker  
Type Notary's Name: Amy P. Baker

Notary Public, State of Florida

Commission Expiry & Number: DD 516833

AMY P. BAKER  
Notary Public, State of Florida  
Commission# DD516833  
My comm. expires Feb. 09, 2010

TOTAL P.01



@ CAM112M01	S	CamaUSA Appraisal System	Columbia County
2/21/2007 11:49		Legal Description Maintenance	60360 Land 001
Year T Property		Sel	AG 000
2007 R 24-6S-17-09767-009			180835 Bldg 001
2019 CR 18 SE LAKE CITY			33036 Xfea 005
HX LEE WILLIAM C & TOBYN TP			274231 TOTAL B*

1	COMM NE COR OF NW1/4 OF NW1/4,,	RUN S 2002.56 FT FOR POB,, CONT	2
3	S 637.69 FT TO N R/W CR-18,,	W'LY ALONG R/W 92.26 FT, W	4
5	616.43 FT, N 602.14 FT, E	707.86 FT TO POB. (AKA LOT 9	6
7	MEANS UNR).. ORB 891-995,,	912-1356,,	8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 5/05/2004 WANDA

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

10 ACRES



Green Mail Box

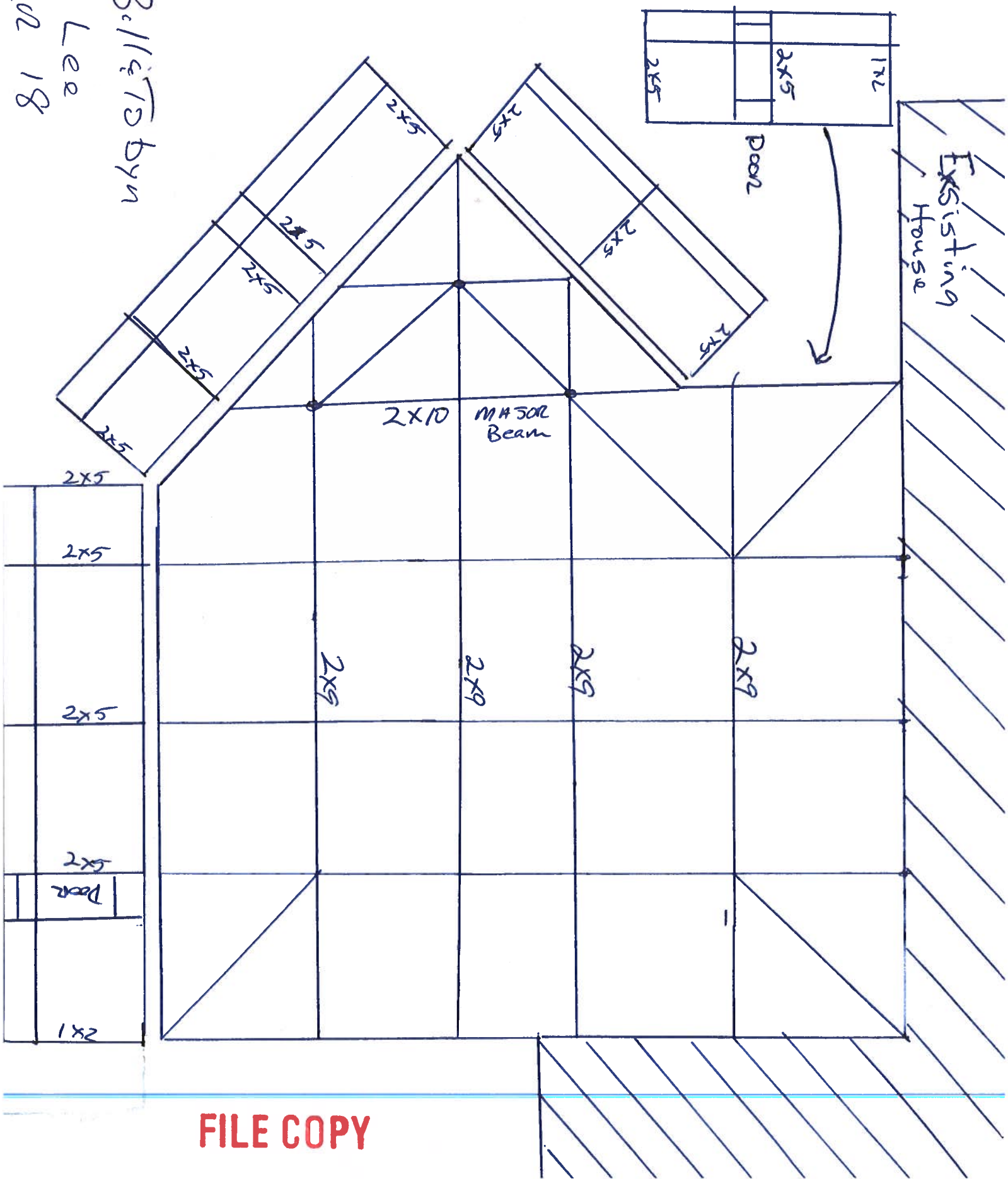
~~State~~ CR 18

Parcel 24-65-17-09767-009 HX

B. J. & Tobyn Lee

To - I 75 →

Boilertobyn  
Lee  
CO2 18



FILE COPY

## 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

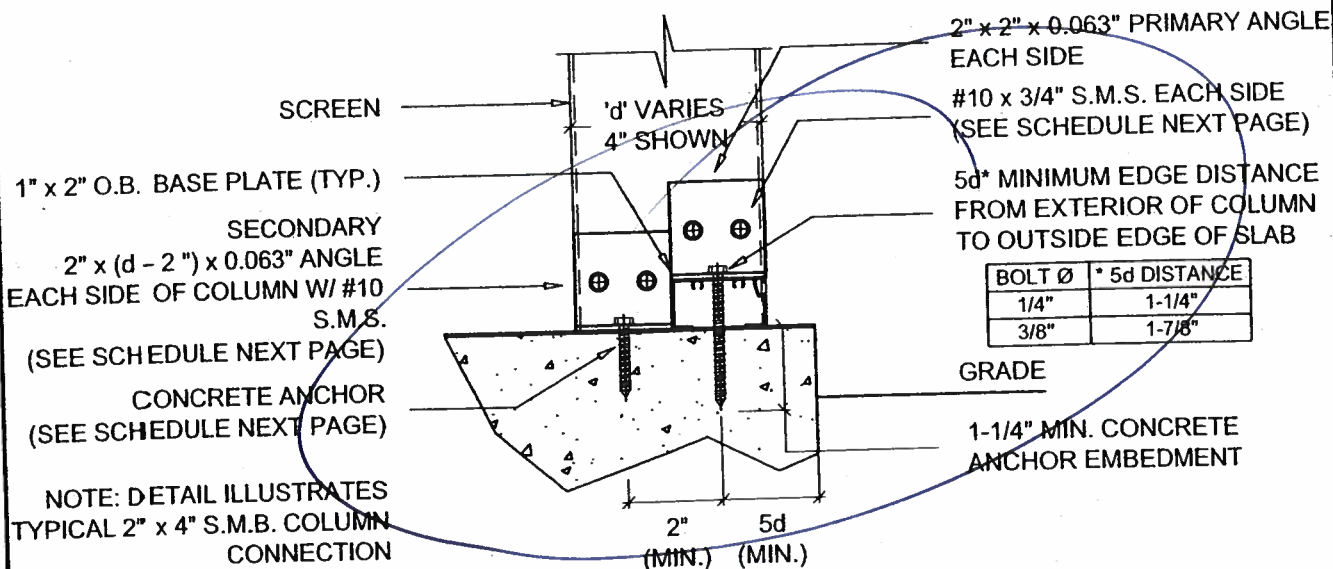
TELEPHONE: (386) 767-4774

FAX: (386) 767-6556

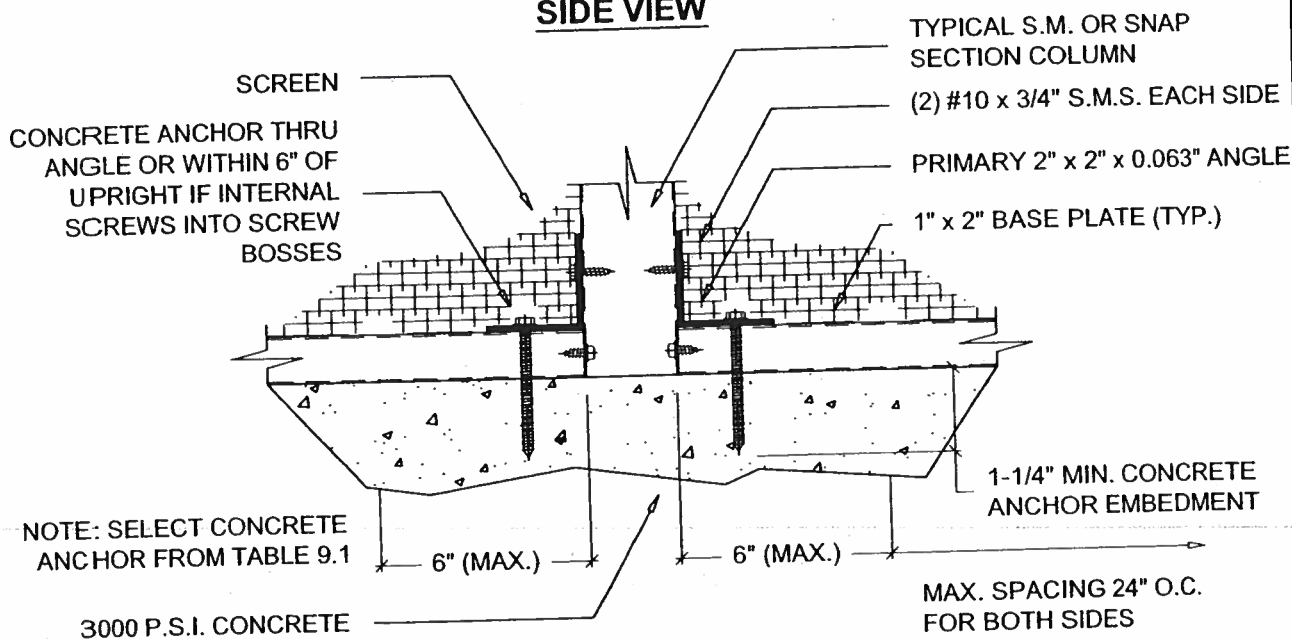
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# SECTION 1

## 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

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TELEPHONE: (386) 767-4774  
FAX: (386) 767-6556

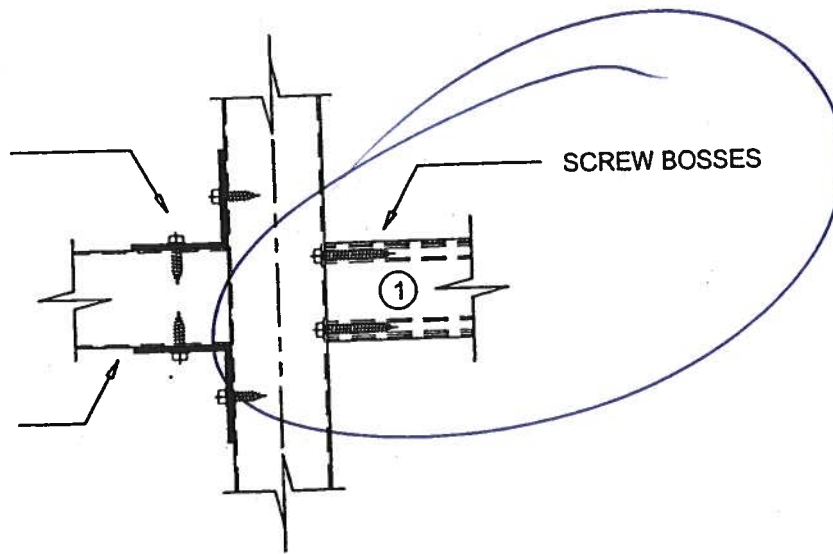


# SECTION 1

## SCREENED ENCLOSURES

CHAIR RAIL ATTACHED TO  
POST W/ INTERNAL OR  
EXTERNAL 'L' CLIP OR 'U'  
CHANNEL 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"

- 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

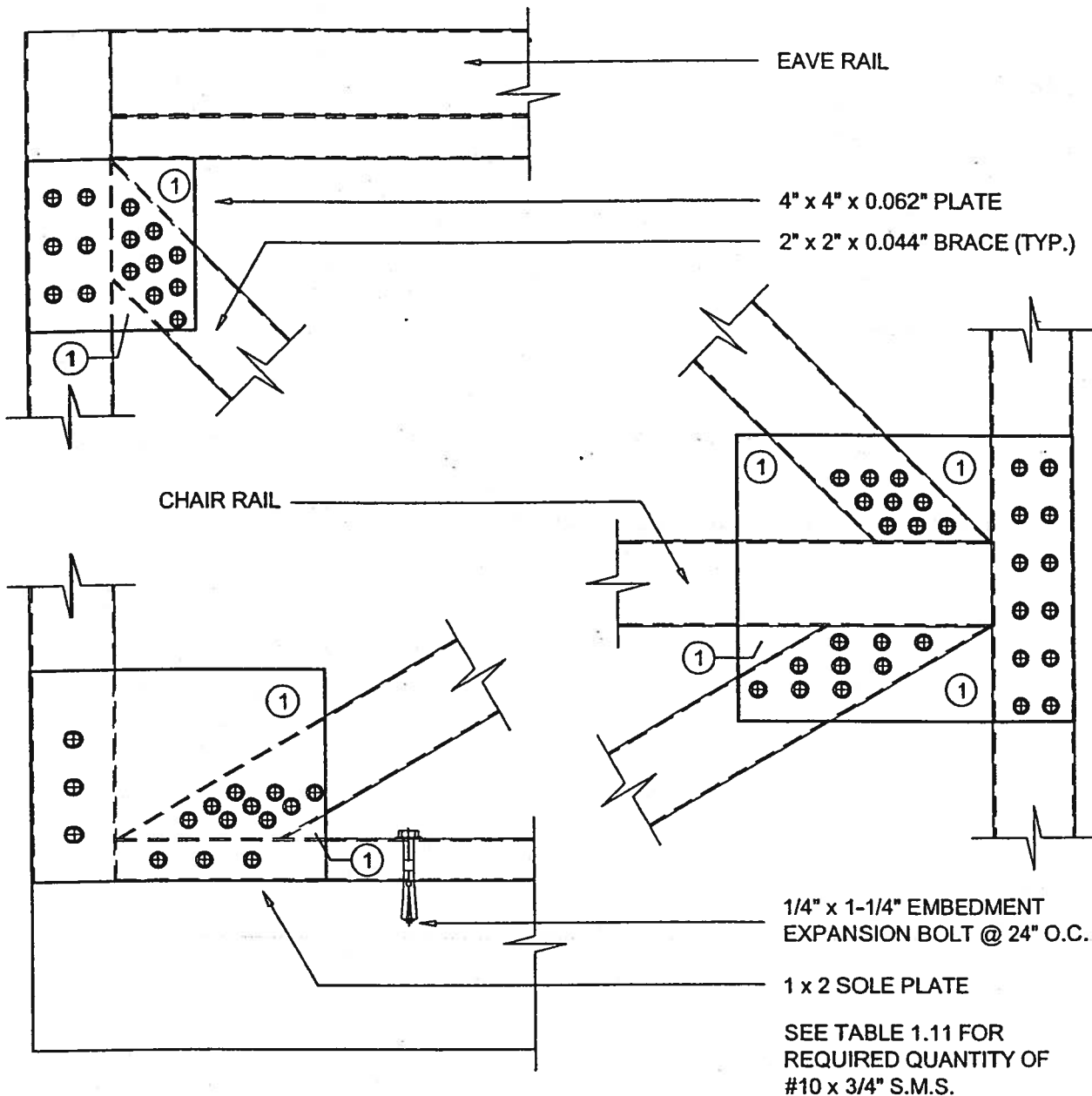
IF GIRT IS ON BOTH SIDES OF THE POST THEN STRAP SHALL BE 6" LONG AND CENTERED ON THE POST AND HAVE A TOTAL (12) #10 x 3/4" S.M.S.

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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"

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

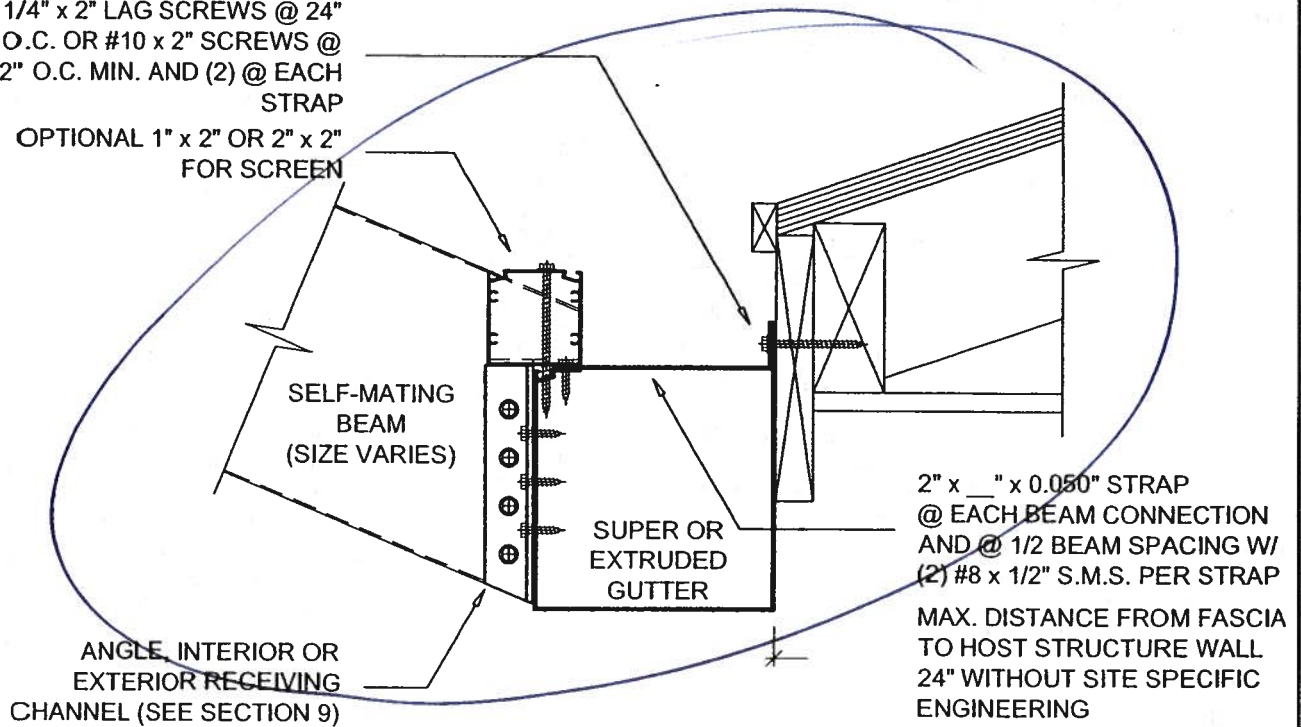
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TELEPHONE: (386) 767-4774

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**

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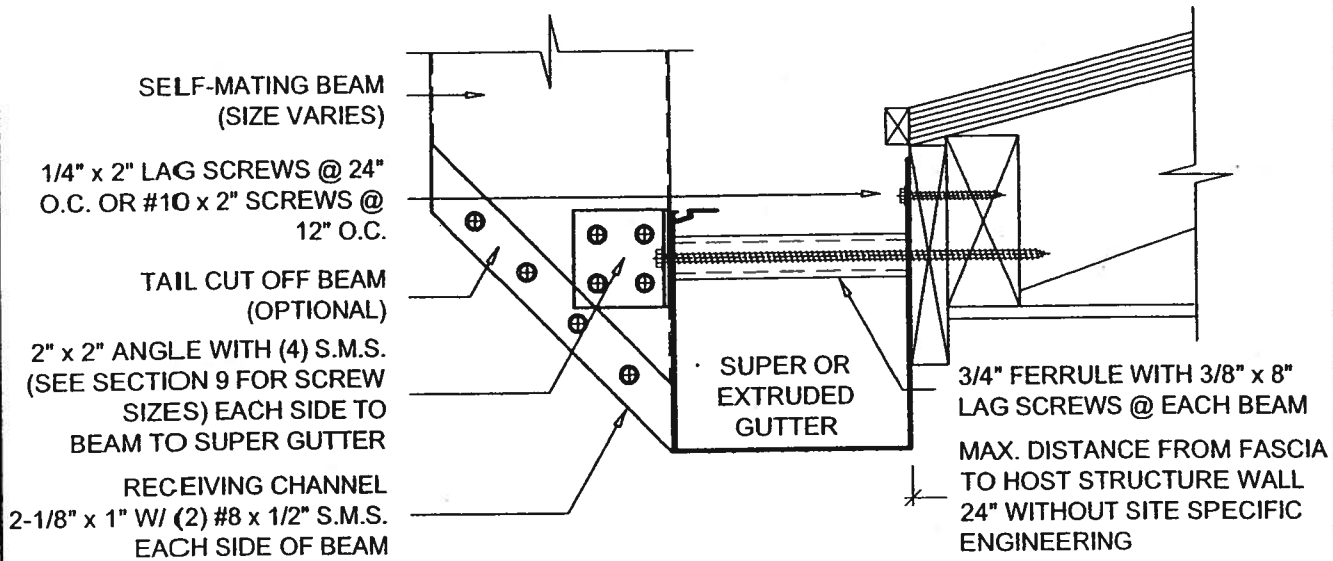
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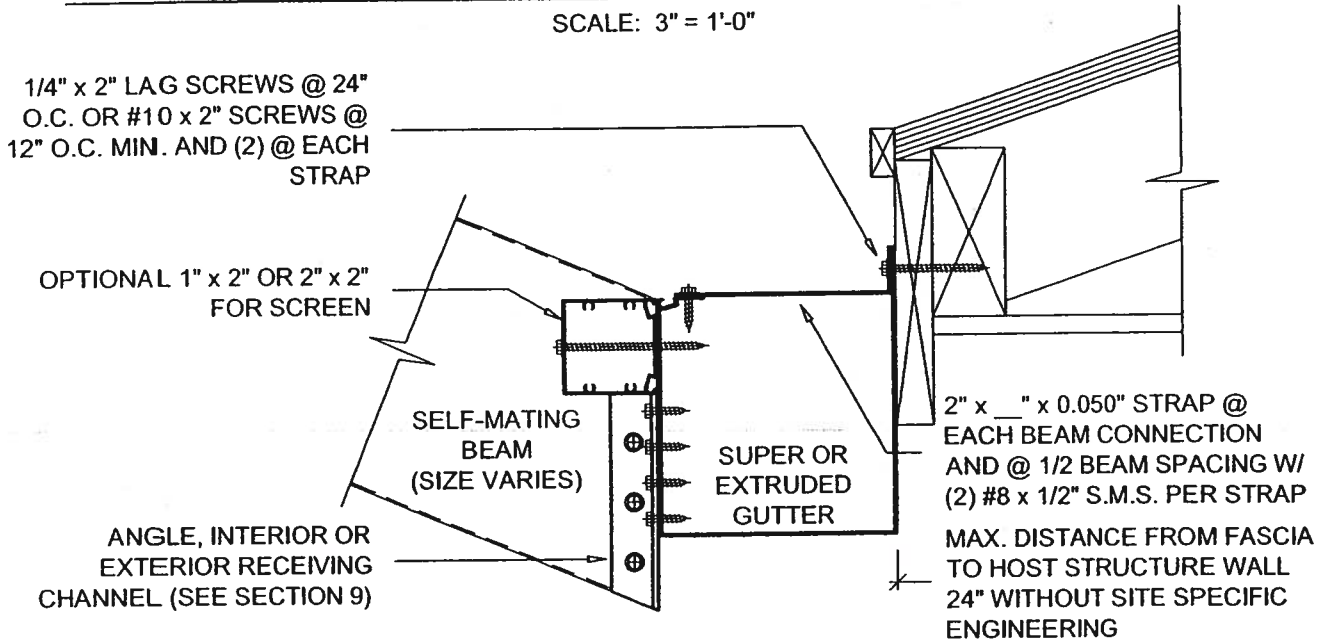
# SECTION 1

# 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"

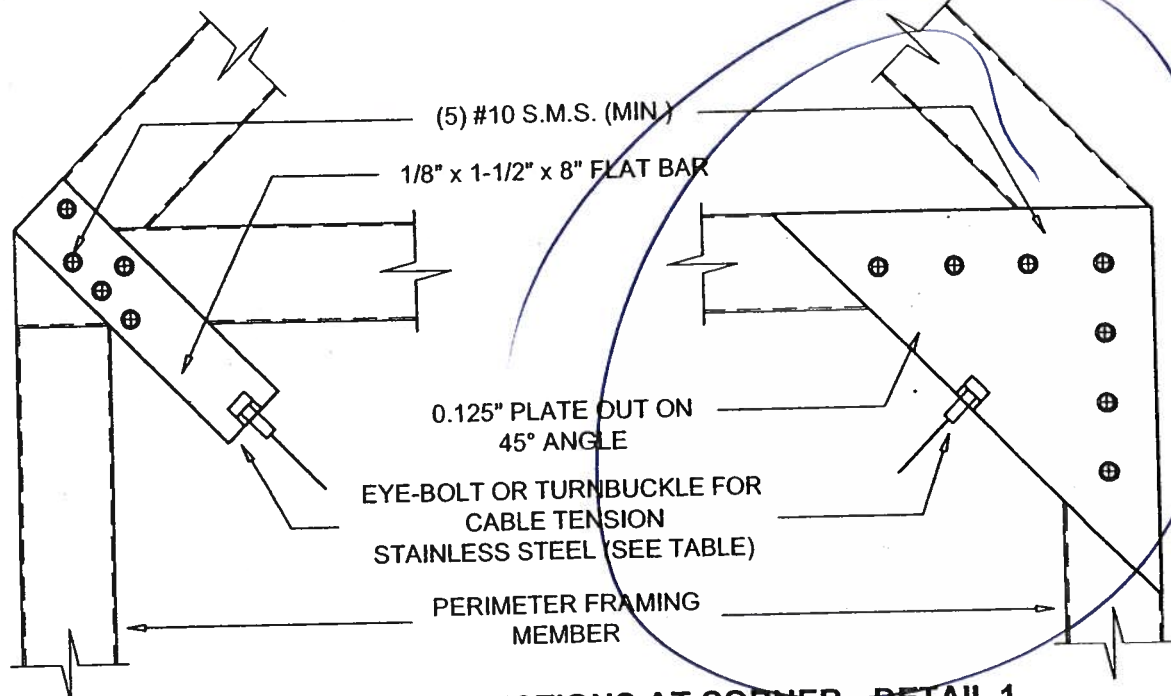
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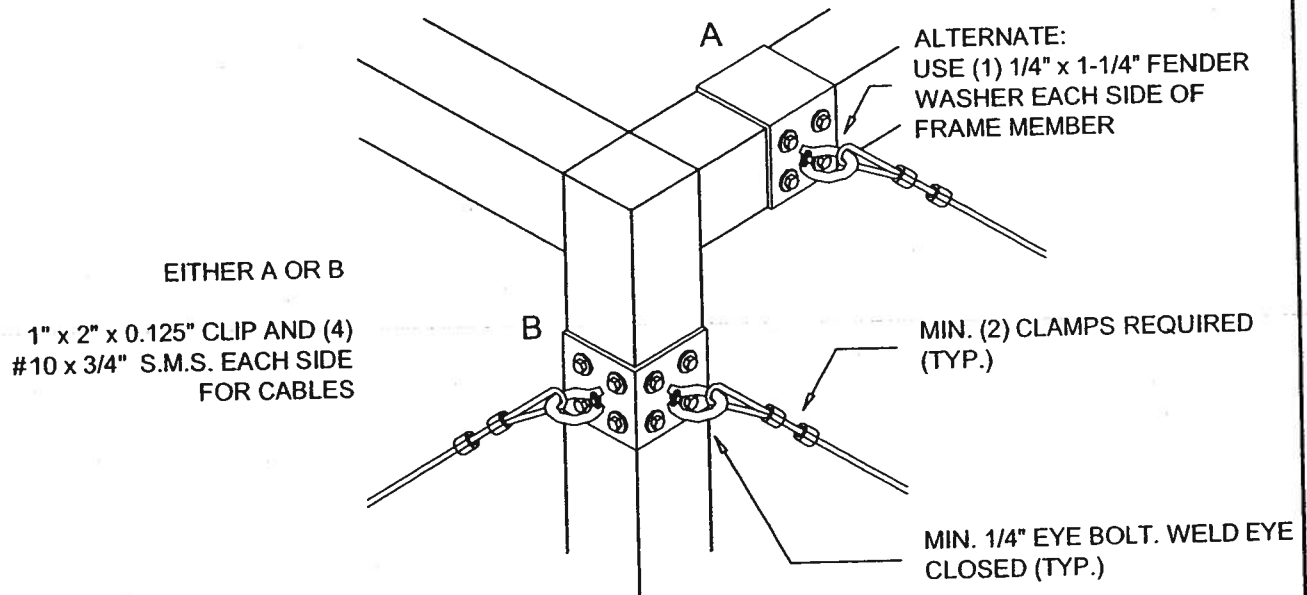
# SCREENED ENCLOSURES

## 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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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.**

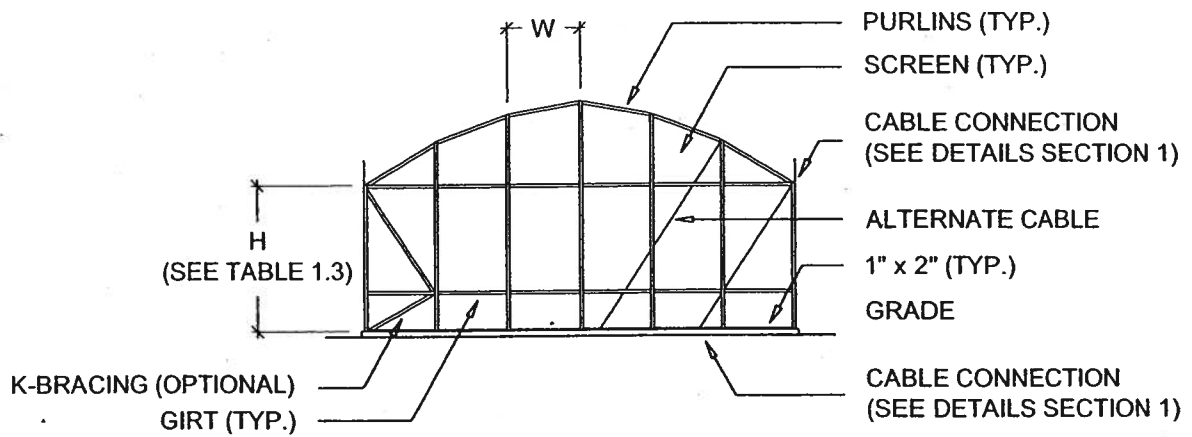
**Lawrence E. Bennett, P.E. FL # 16644**

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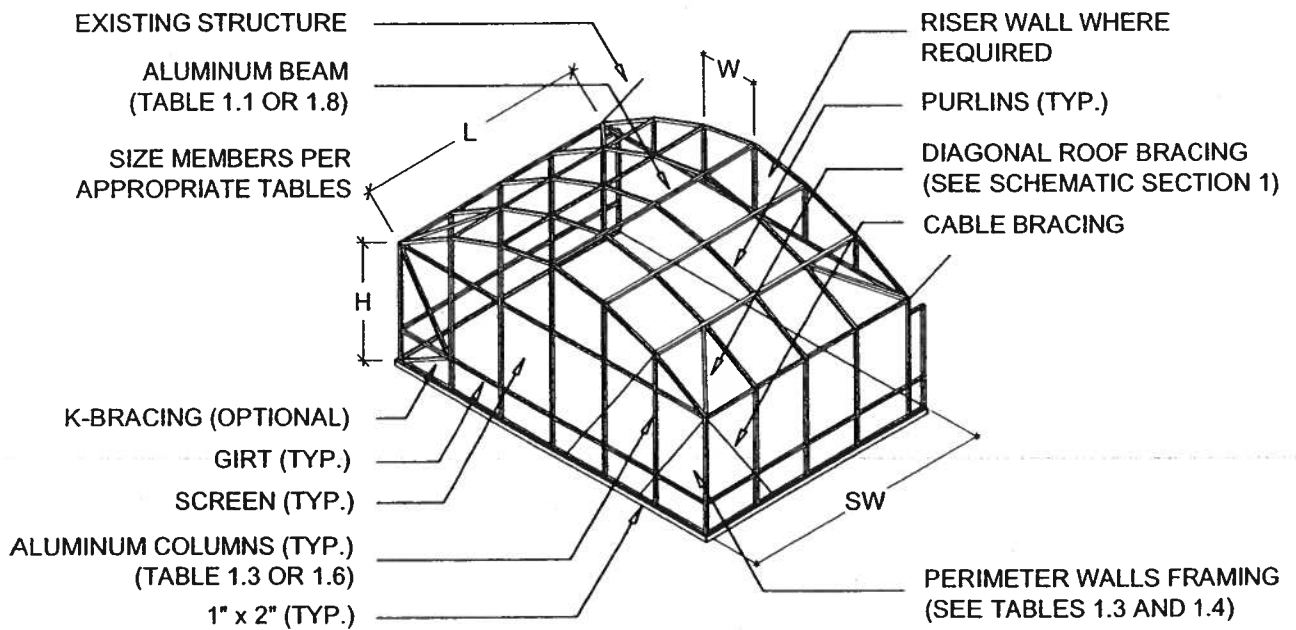
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**TYPICAL DOME ROOF - ELEVATION**

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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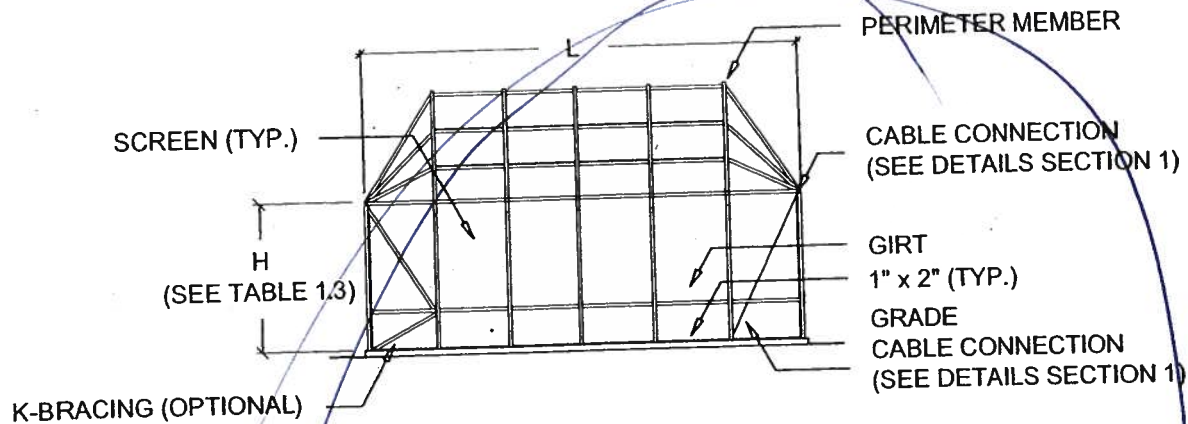
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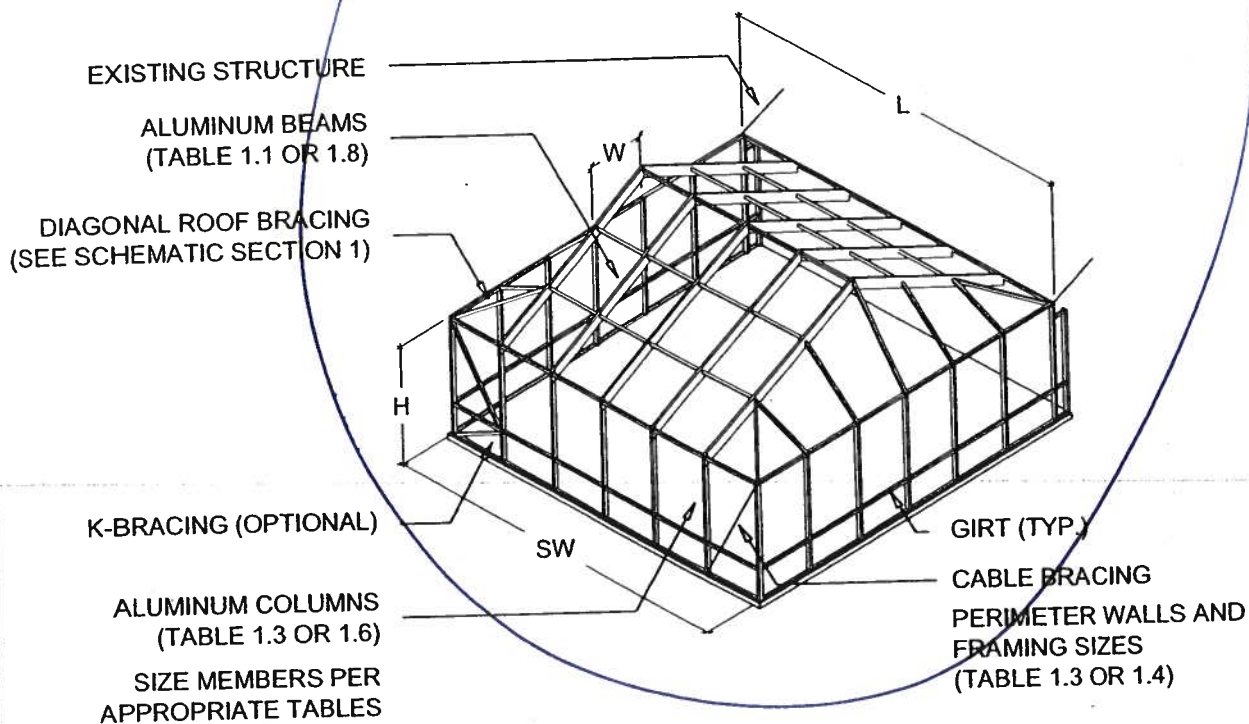
# SECTION 1

## SCREENED ENCLOSURES



**TYPICAL MODIFIED HIP ROOF - ELEVATION**

SCALE: N.T.S.



**TYPICAL MODIFIED HIP ROOF - ISOMETRIC**

SCALE: N.T.S.

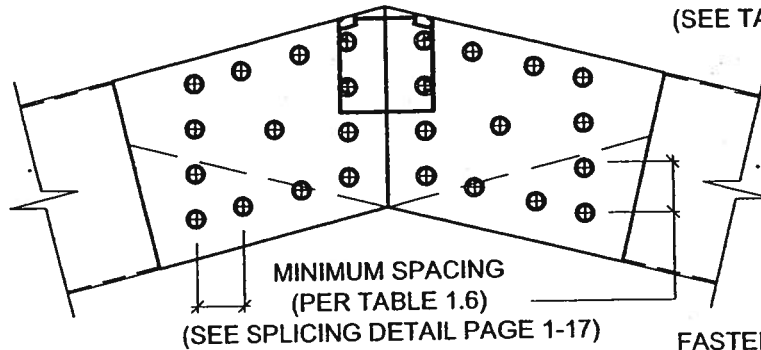
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2" x 2" PURLINS ATTACHED  
TO BEAM W/ MIN.  
(3) #10 x 1-1/2" S.M.S.

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)

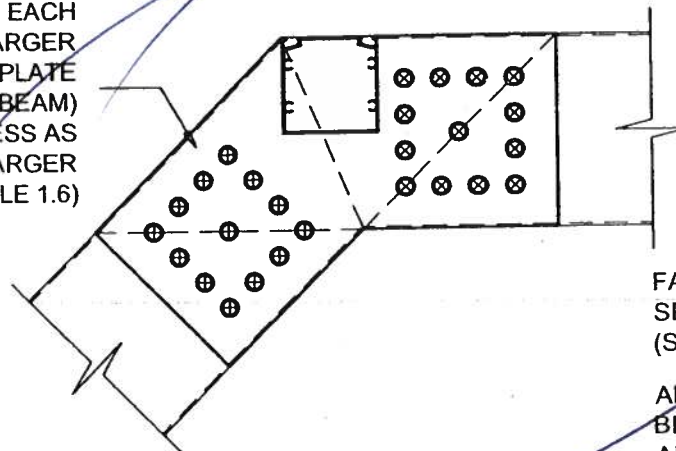


FASTENER SIZE, NUMBER AND  
SPACING PER PAGE 1-19  
(SEE TABLE 1.6)

**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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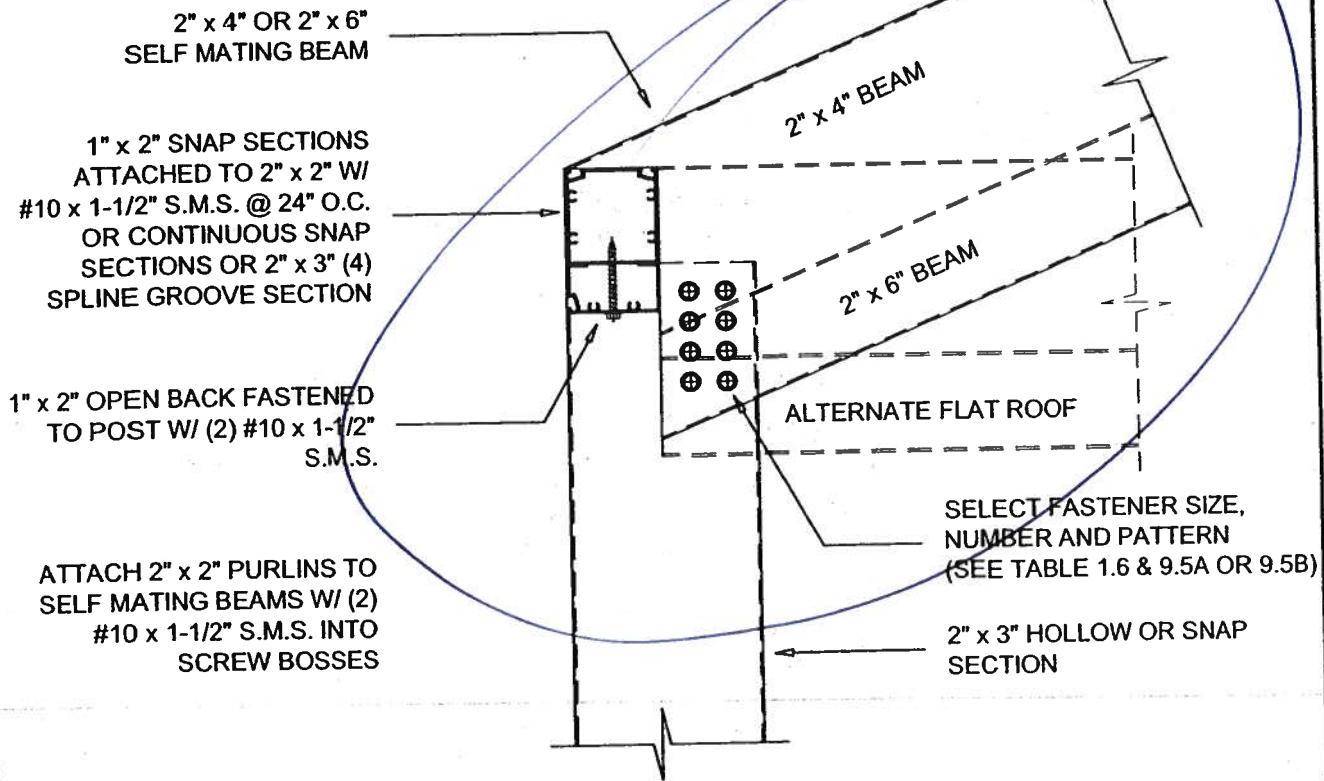
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# SECTION 1

## SCREENED ENCLOSURES

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

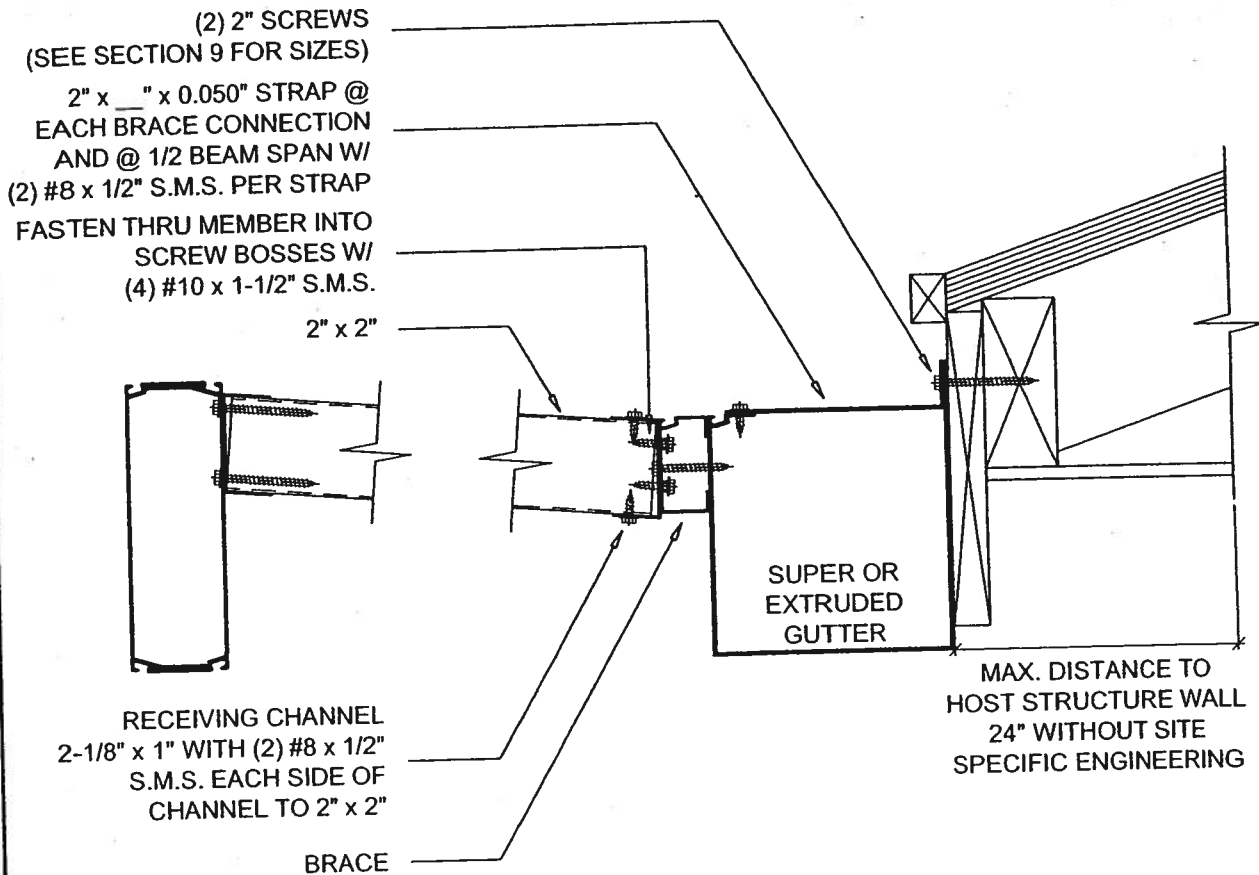


### SLOPING BEAM TO UPRIGHT CONNECTION DETAIL (PARTIAL LAP)

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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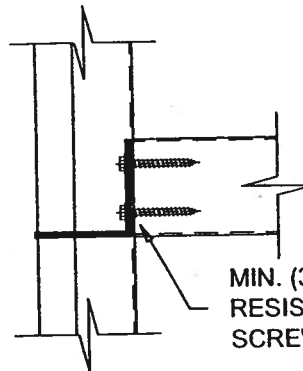
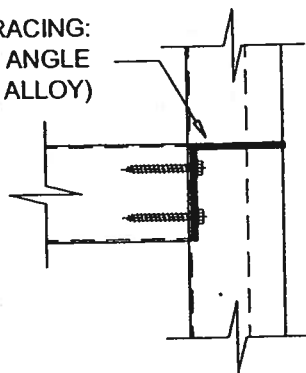
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# SCREENED ENCLOSURES

## SECTION 1

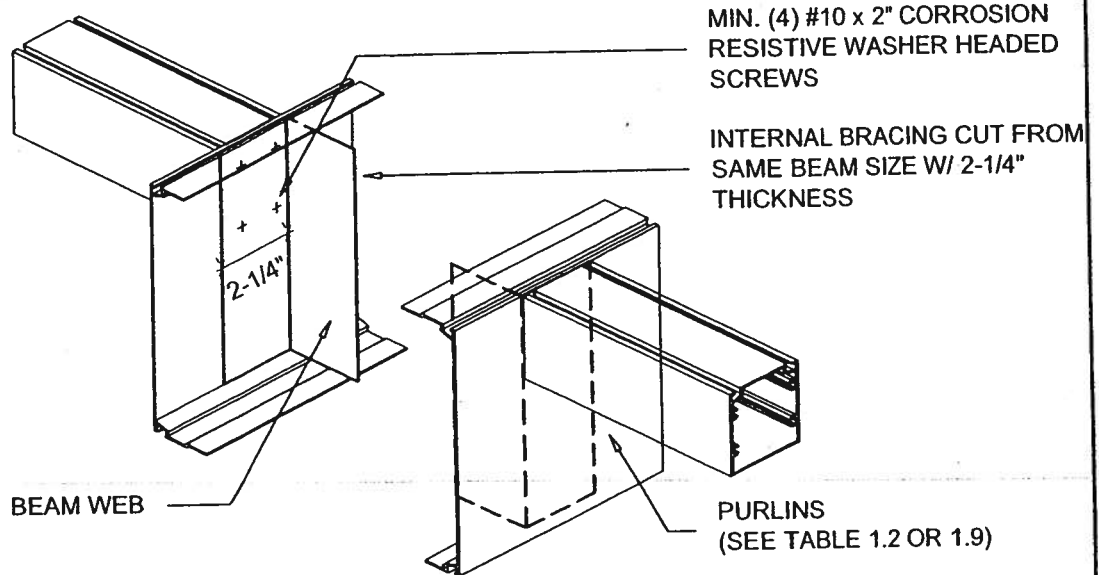
INTERNAL BRACING:  
1-3/4" x 1-3/4" x 0.125" ANGLE  
(T-6 ALLOY)



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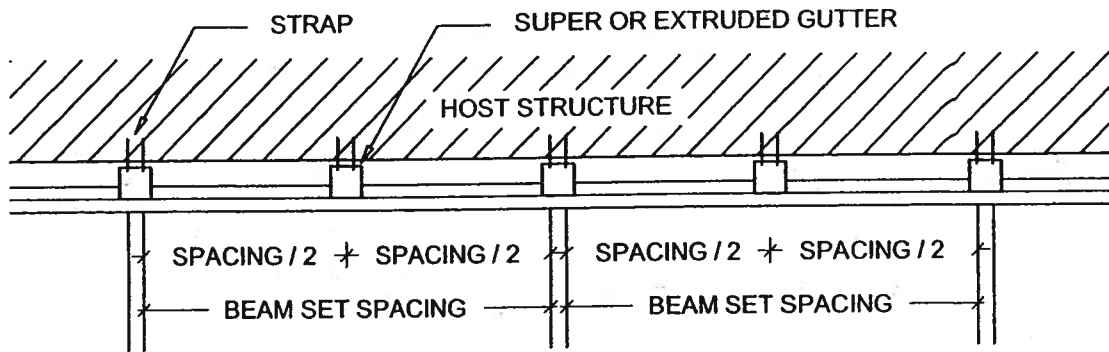
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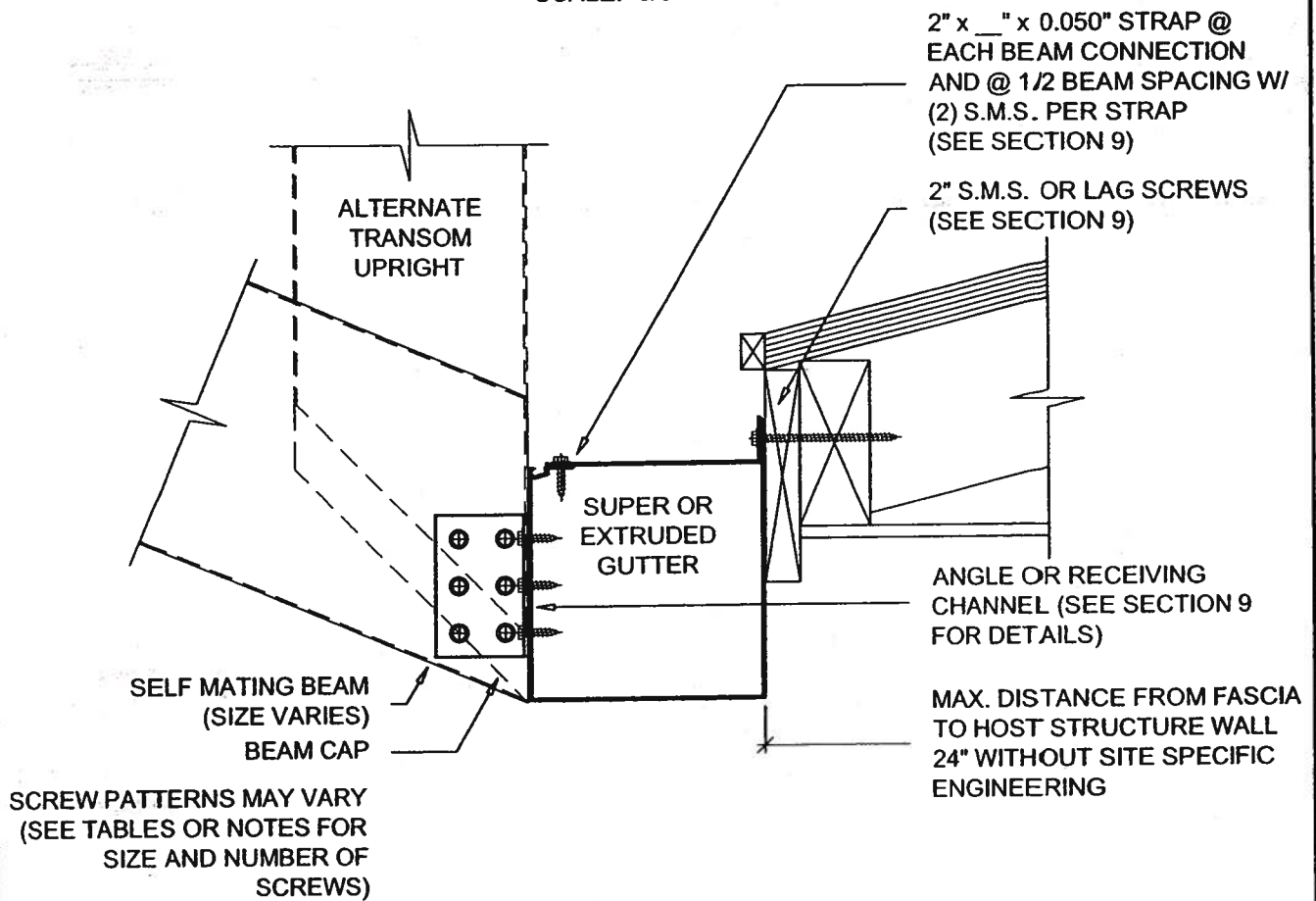
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**STRAP LOCATION FOR SUPER OR EXTRUDED GUTTER REINFORCEMENT**

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



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

SCALE: 3" = 1'-0"

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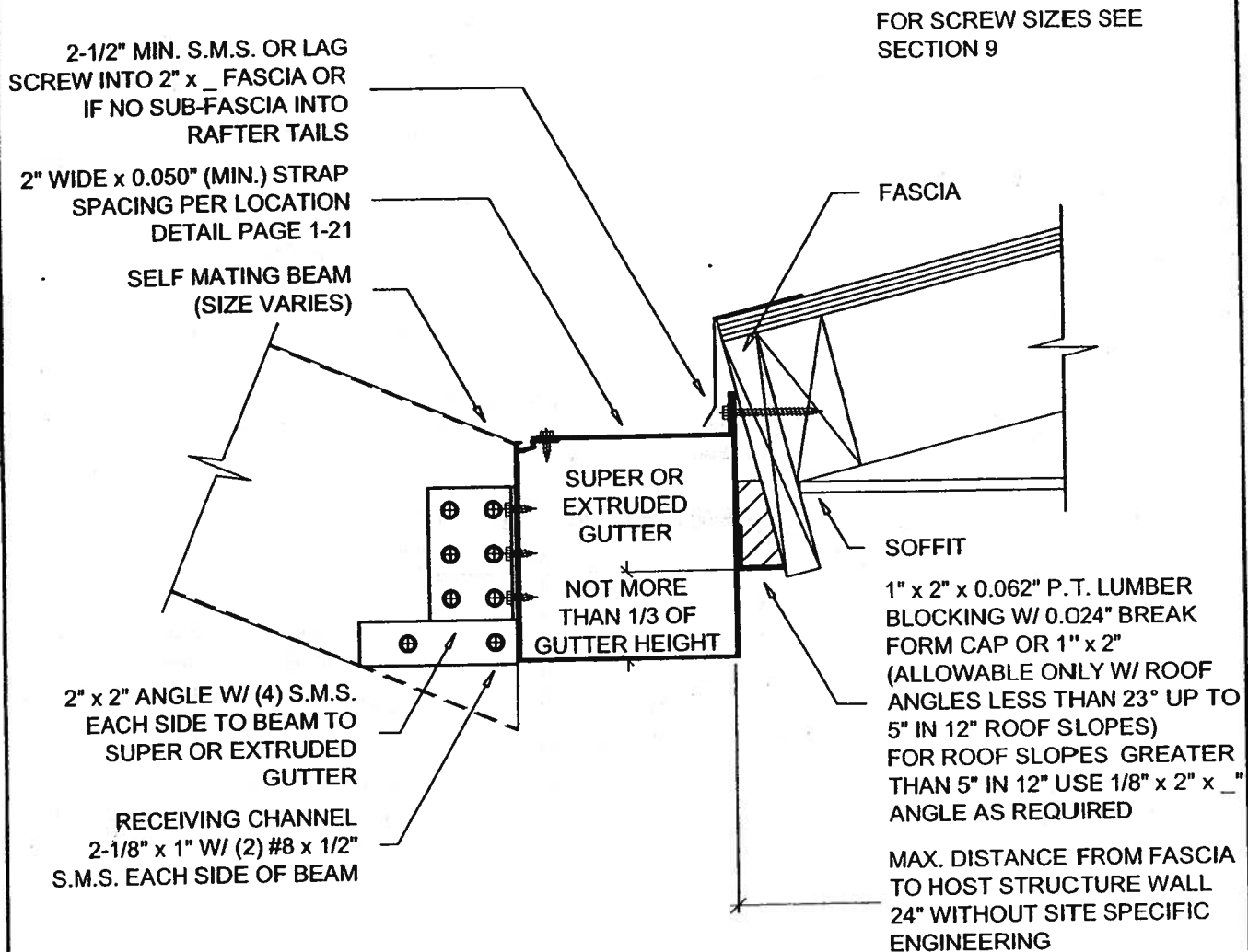
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# SECTION 1

# SCREENED ENCLOSURES



## TYPICAL SELF MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION

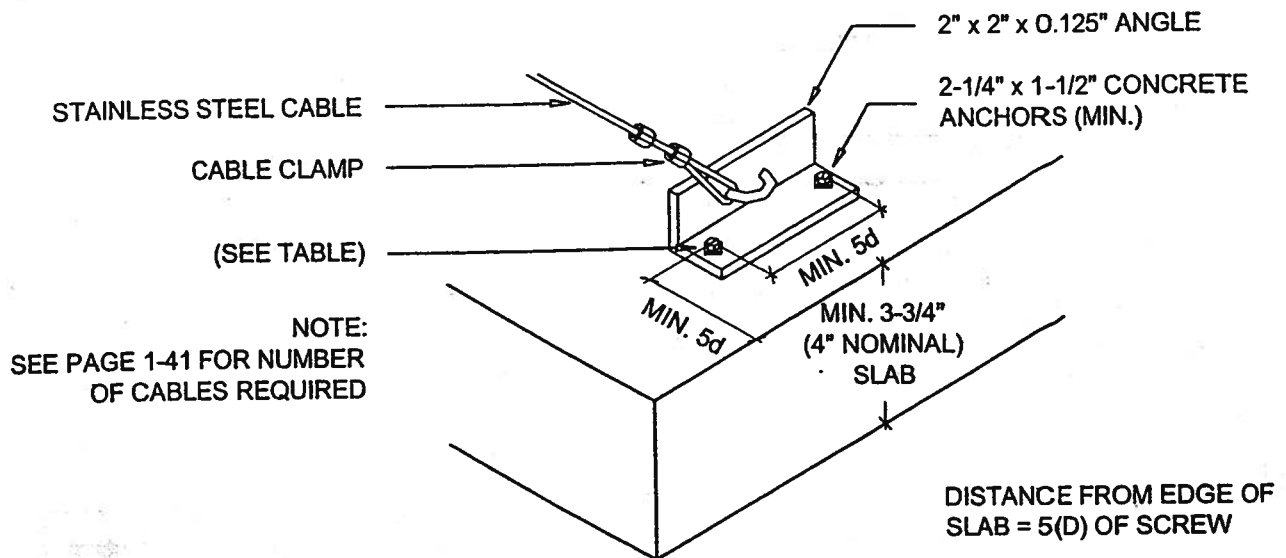
SCALE: 3" = 1'-0"

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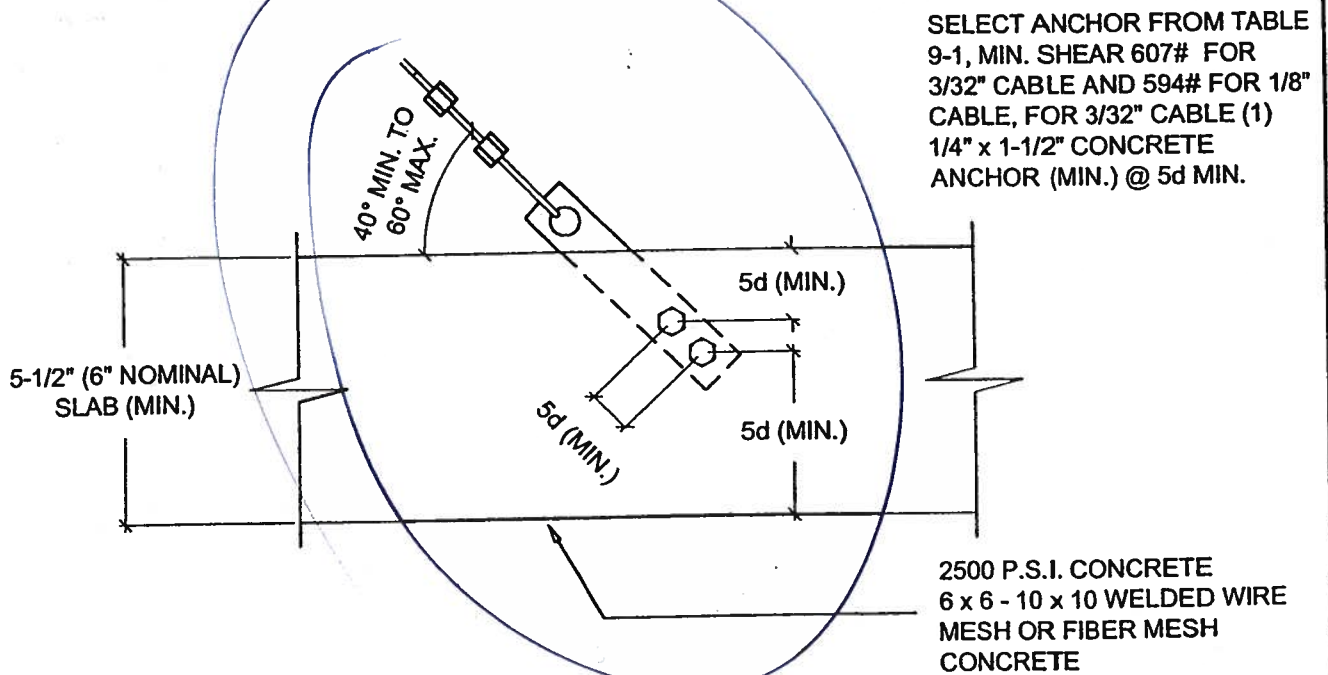
# SCREENED ENCLOSURES

## 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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