

DATE03/14/2007

Columbia County Building Permit

PERMIT000025613

This Permit Expires One Year From the Date of Issue

APPLICANTDAN TRIMBLEPHONE386.754.5550

ADDRESS548SW BRANDY WAYLAKE CITYFL32024

OWNERRICHARD MANSMANPHONE

ADDRESS1025NW BLACKBERRY CIRCLELAKE CITYFL32055

CONTRACTORANTHONY TRIMBLEPHONE754.5550

LOCATION OF PROPERTYLAKE JEFFERY RD, TL ON NASH RD, TL ON BLACKBERRY CIRCLE, TL ON BLACKBERRY CIRCLE, 6TH LOT ON LEFT

TYPE DEVELOPMENTSCREEN ENCLOSUREESTIMATED COST OF CONSTRUCTION6000.00

HEATED FLOOR AREATOTAL AREAHEIGHTSTORIES

FOUNDATIONWALLSROOF PITCHFLOOR

LAND USE & ZONINGA-3MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT30.00REAR25.00SIDE25.00

NO. EX.D.U.1FLOOD ZONEDEVELOPMENT PERMIT NO.

PARCEL ID17-3S-16-02168-114SUBDIVISIONBLACKBERRY FARMS

LOT14BLOCKPHASEUNITTOTAL ACRES4.40

5568

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

X-07-115CFSJTH

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew Resident

COMMENTS: NOC ON FILE.

Check # or Cash2161

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary PowerFoundationMonolithic

Under slab rough-in plumbingSlabSheathing/Nailing

FramingRough-in plumbing above slab and below wood floor

Electrical rough-inHeat & Air DuctPeri. beam (Lintel)

Permanent powerC.O. FinalCulvert

M/H tie downs, blocking, electricity and plumbingPool

ReconnectionPump poleUtility Pole

M/H PoleTravel TrailerRe-roof

BUILDING PERMIT FEE \$30.00CERTIFICATION FEE \$0.00SURCHARGE FEE \$0.00

MISC. FEES \$0.00ZONING CERT. FEE \$50.00FIRE FEE \$0.00WASTE FEE \$

FLOOD DEVELOPMENT FEE \$FLOOD ZONE FEE \$CULVERT FEE \$TOTAL FEE80.00

INSPECTORS OFFICECLERKS 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.

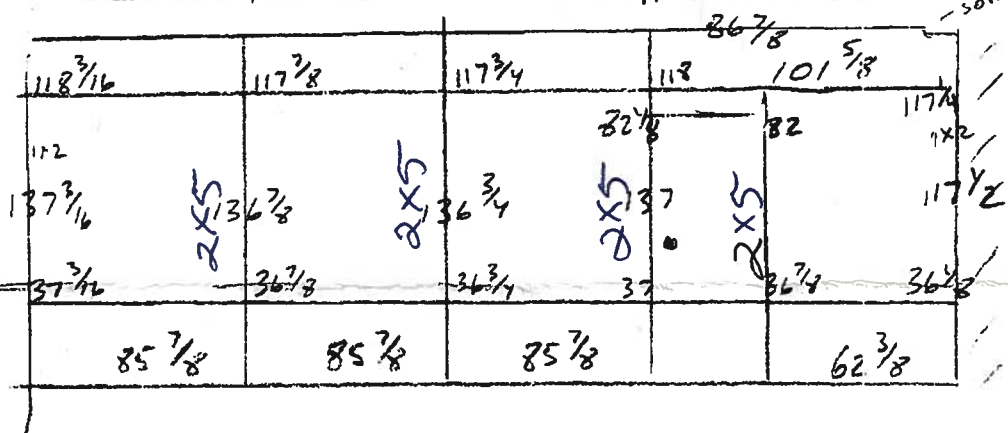
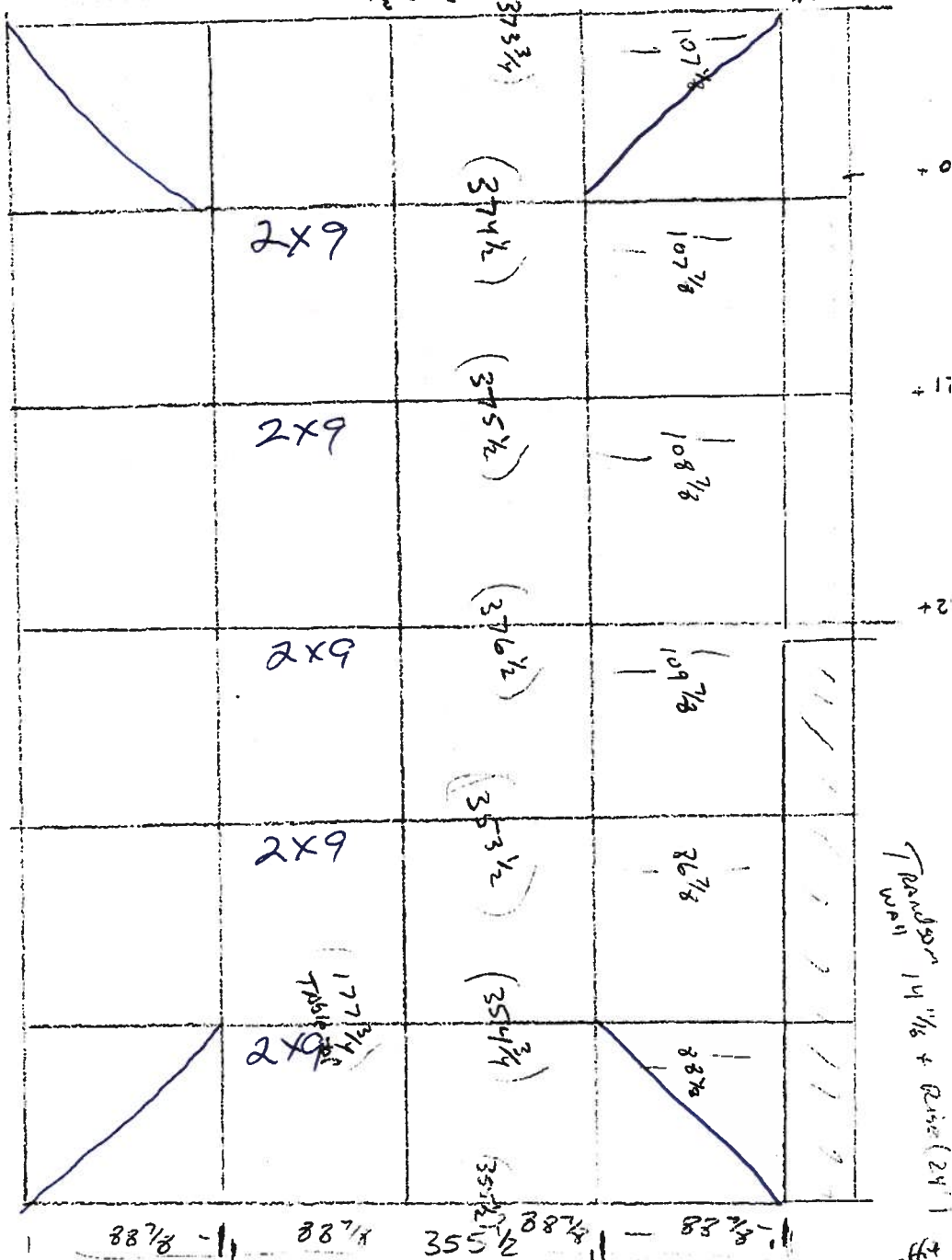
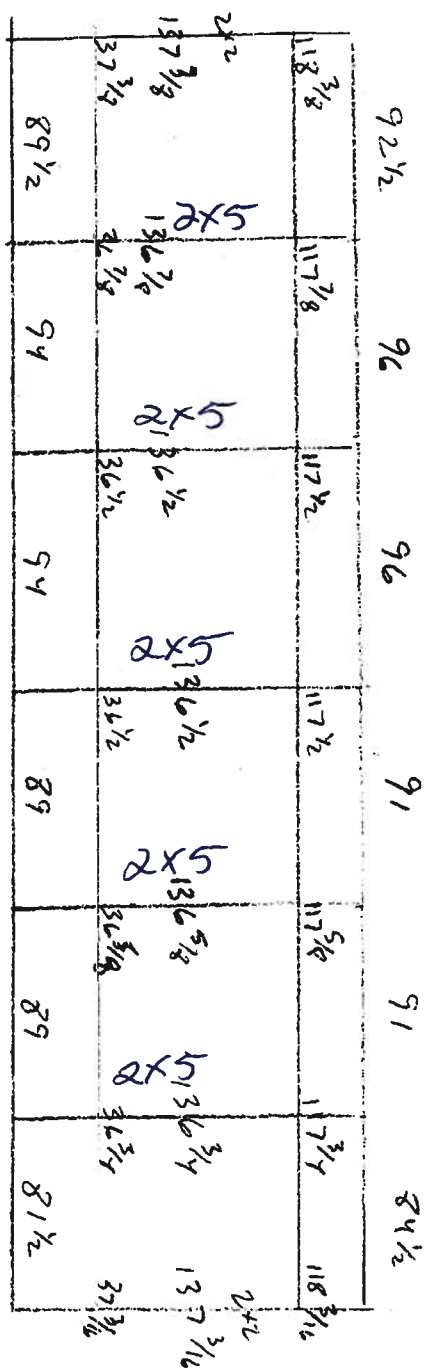
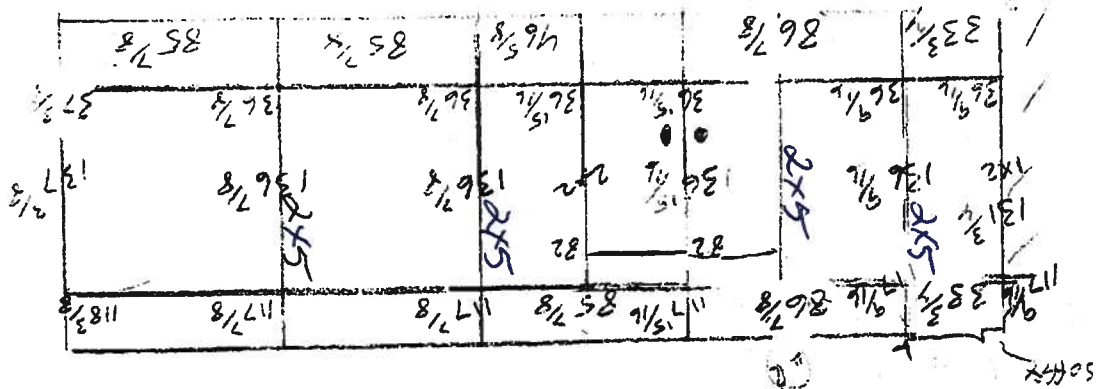
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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.

FILE COPY



Columbia County Building Permit Application

For Office Use Only Application # 0703 27 Date Received 3/12 By JW Permit # 25613
 Application Approved by - Zoning Official afs Date 3/13/07 Plans Examiner DKJTH Date 3-12-07
 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 Anthony Trimble Fax 755 4063
 Address 1025 NW Blackberry Cir Lake City FL 32055 Phone 754-5550
 Owners Name Richard MANS MAN Phone _____
 911 Address 1025 NW Blackberry Cir Lake City FL 32055
 Contractors Name Lakeside Aluminum Inc 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 _____
 Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 17-35-16-02148-114 HX Estimated Cost of Construction 6000.00
 Subdivision Name BlackBerry Farms Lot 14 Block _____ Unit _____ Phase _____
 Driving Directions Brown RD to Nash RD Right go to BlackBerry Farms Left go to first left house on left 1025

Type of Construction Screen Enclosure Number of Existing Dwellings on Property 1
 Total Acreage 4.4 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 75' Side 80' Side 60' Rear 150'
 Total Building Height 16' Number of Stories 1 Heated Floor Area _____ Roof Pitch _____

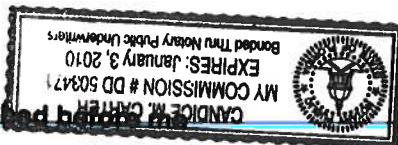
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

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] #2161
 Owner Builder or Authorized Person by Notarized Letter

STATE OF FLORIDA
 COUNTY OF COLUMBIA



Witnessed to (or affirmed) and subscribed before me this 12 day of March 2007.
 Personally known _____ or Produced Identification ☒

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

Candice M Carter
 Notary Signature

Notice of Commencement

State Of Florida

County of Columbia

1. Description of Property Residential Lot 14
2. Parcel ID# 17 35 16 02168 114 Hx
3. General Description of Improvement: Screen Enclosure Black Berry farms
4. Owner Name and Address: Richard Mansman
1025 NW Blackberry Circle Lake City, FL 32055
5. Interest in Property: Owner
6. Fee Simple Titleholder(if other than owner): None
7. Contractor Name: Lakeside Aluminum 548 SW Brandy Way
Lake City FL 32024
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

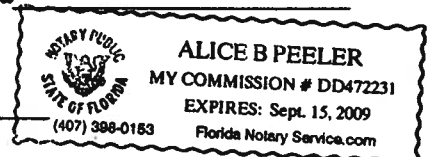
12. Expiration Notice: Notice of Commencement (expires 1 year from the date of recording)
 13. Prepared by: Peeler Pools, Inc. for Lakeside Aluminum M525-755-63-401-0
 14. Return to: Peeler Pools, Inc 9878 S. US Hwy 441 Lake City, FL 32025
- Owner Name (Print) Richard Mansmann Owner Name Signature R. Mansman

Sworn to and subscribed before me this 6th day of November, 2006

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

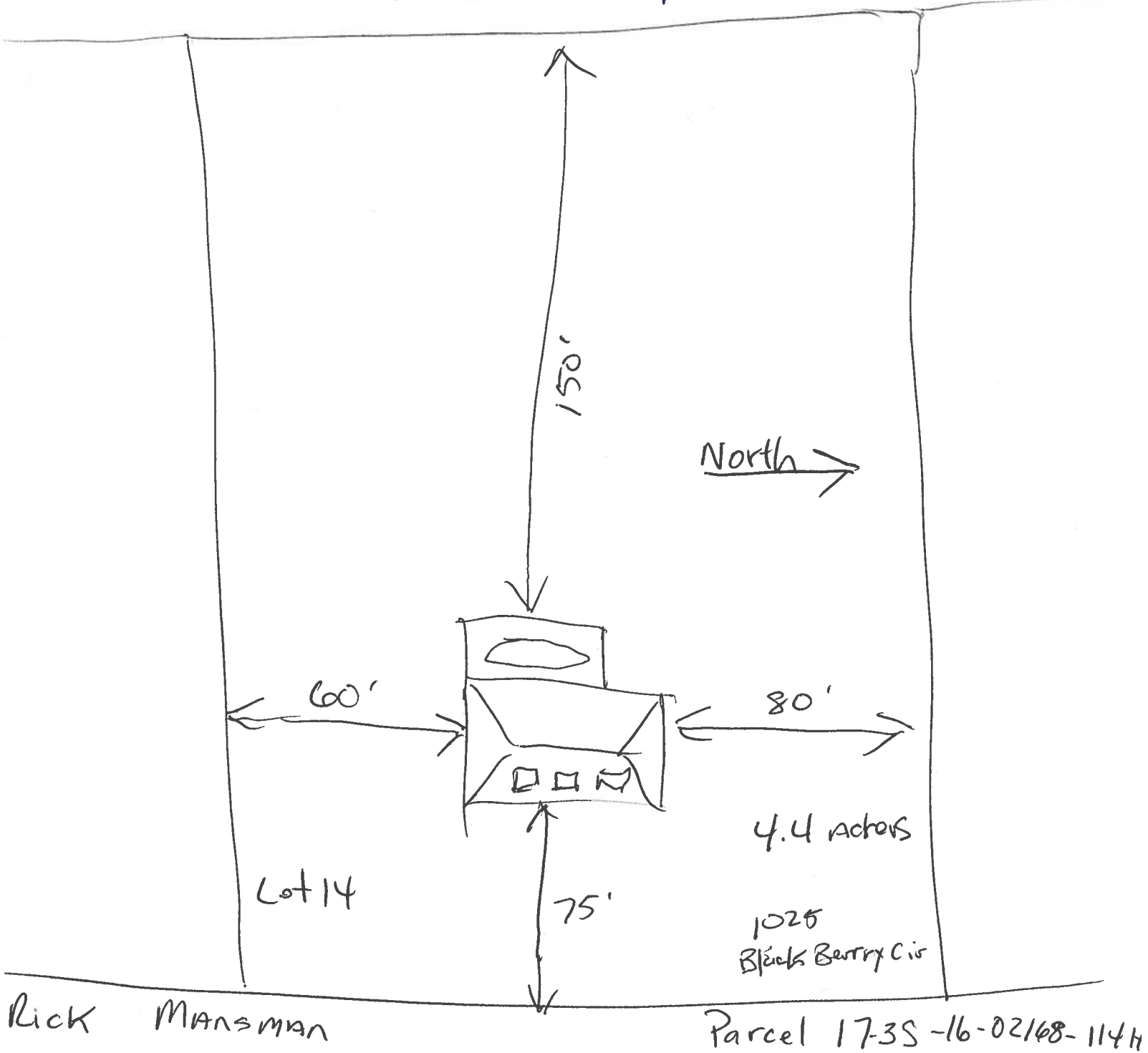
Notary's Name Alice B. Peeler Notary Public State Of Florida

Commission Expiry and Number Alice B Peeler



Brown RD to R. Nash RD Left on Black Berry farms RD

Site Map



Black Berry Cir

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"

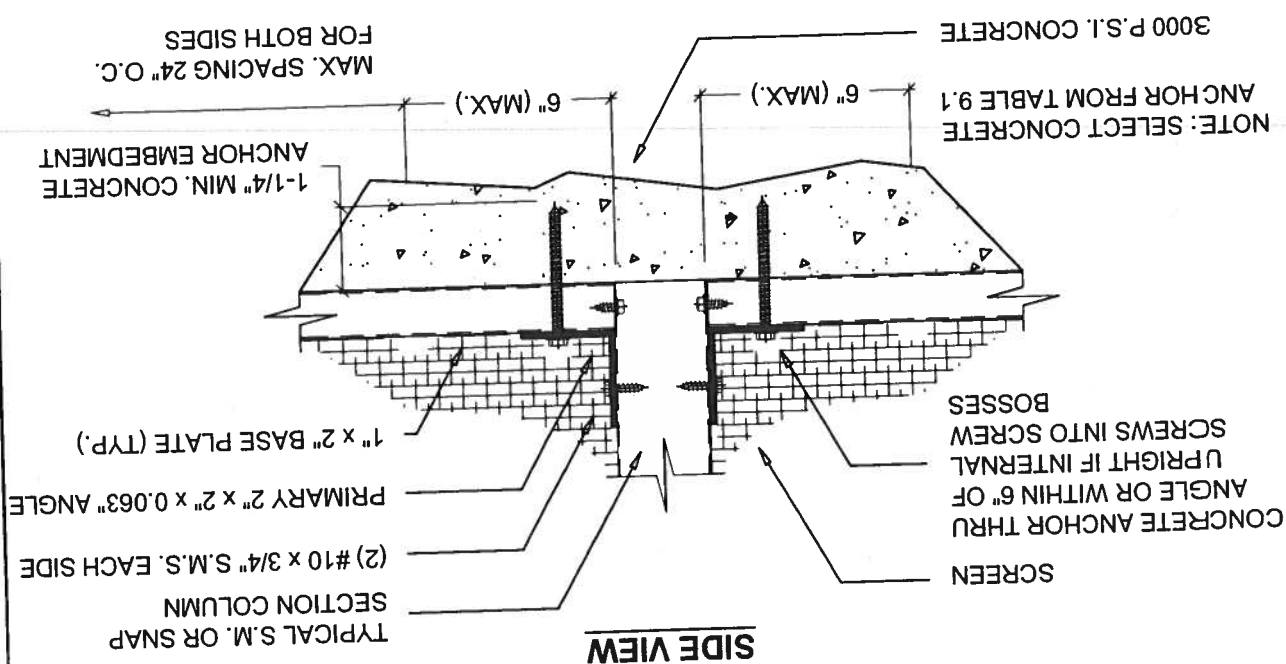
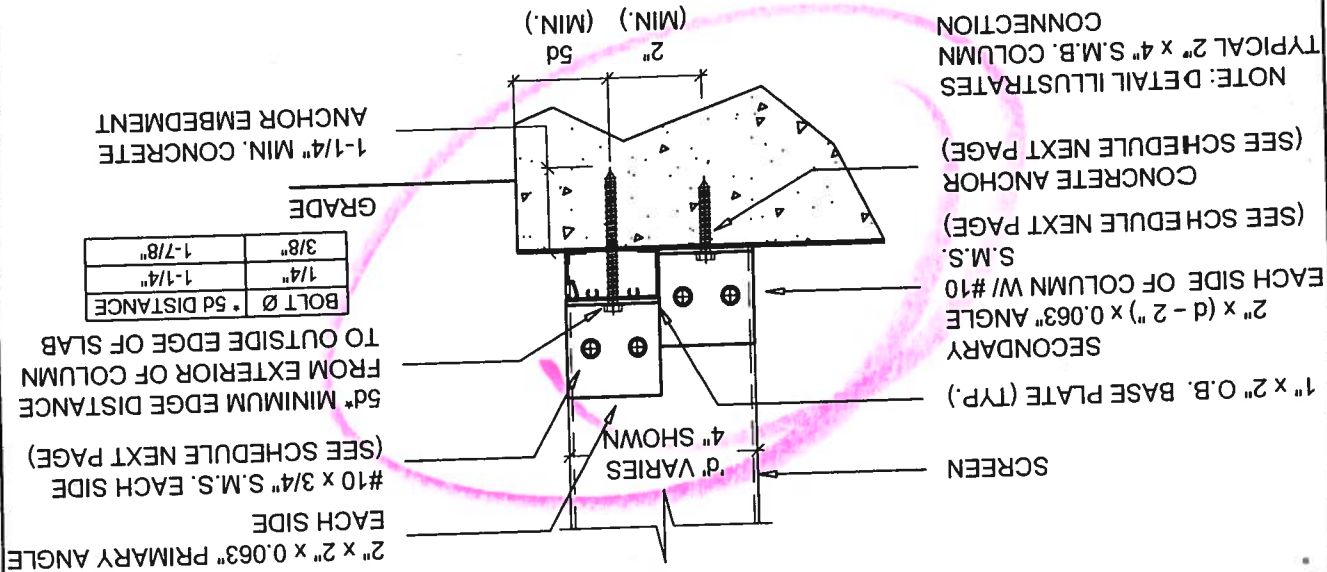
Lawrence E. Bennett, P.E. FL # 16644

CIVIL ENGINEER - DEVELOPMENT CONSULTANT

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

TELEPHONE: (386) 767-4774

FAX: (386) 767-6556



FRONT VIEW
2" x 4" OR LARGER SELF MATING OR SNAP SECTION POST TO DECK DETAILS
 SCALE: 3" = 1'-0"

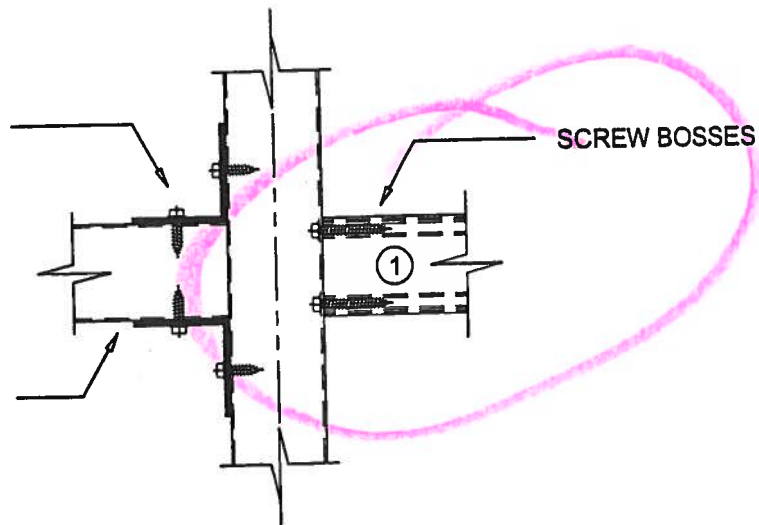
NOTE: FOR SIDE WALLS OF 2" x 4" OR SMALLER ONLY ONE ANGLE IS REQUIRED.

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SECTION 1**SCREENED ENCLOSURES**

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

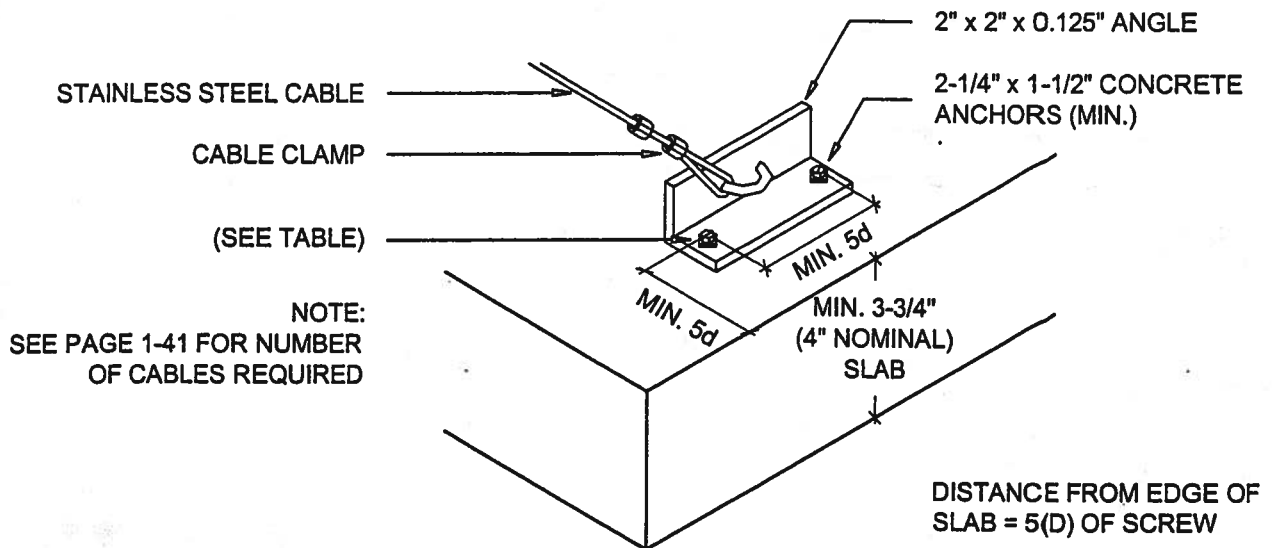
IF GIRT IS ON BOTH SIDES OF THE POST THEN STRAP SHALL BE 6" LONG AND CENTERED ON THE POST AND HAVE A TOTAL (12) #10 x 3/4" S.M.S.

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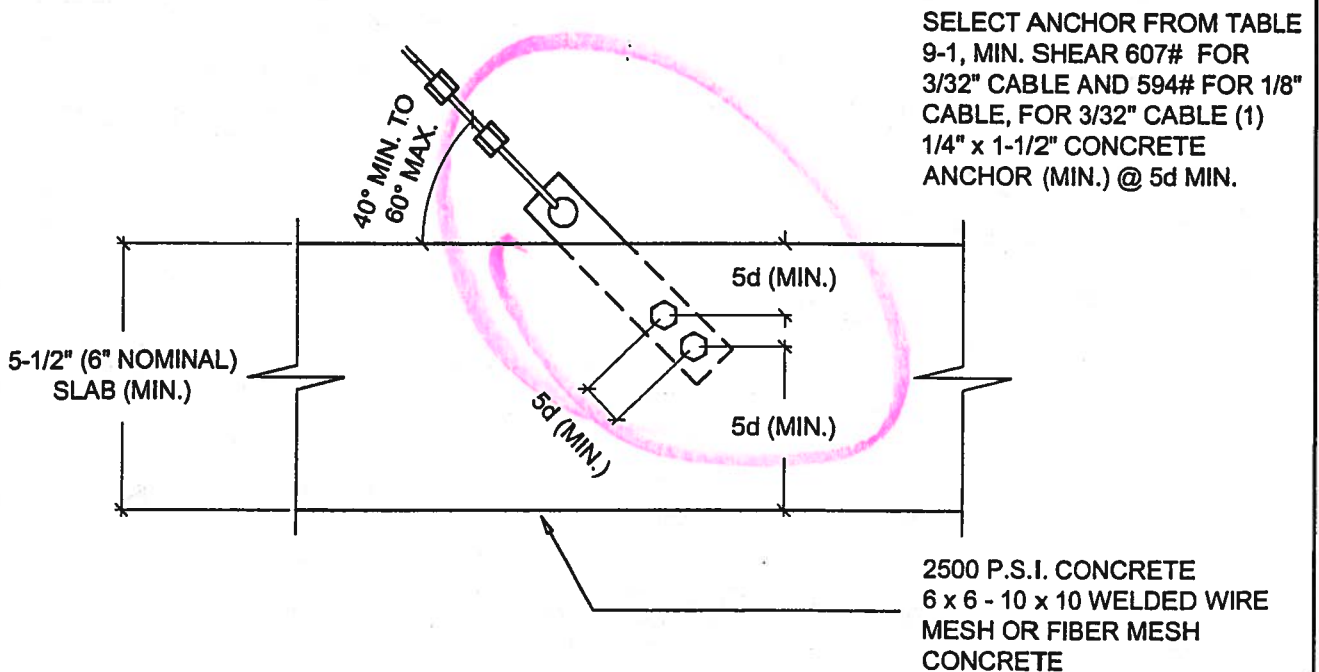
SCREENED ENCLOSURES

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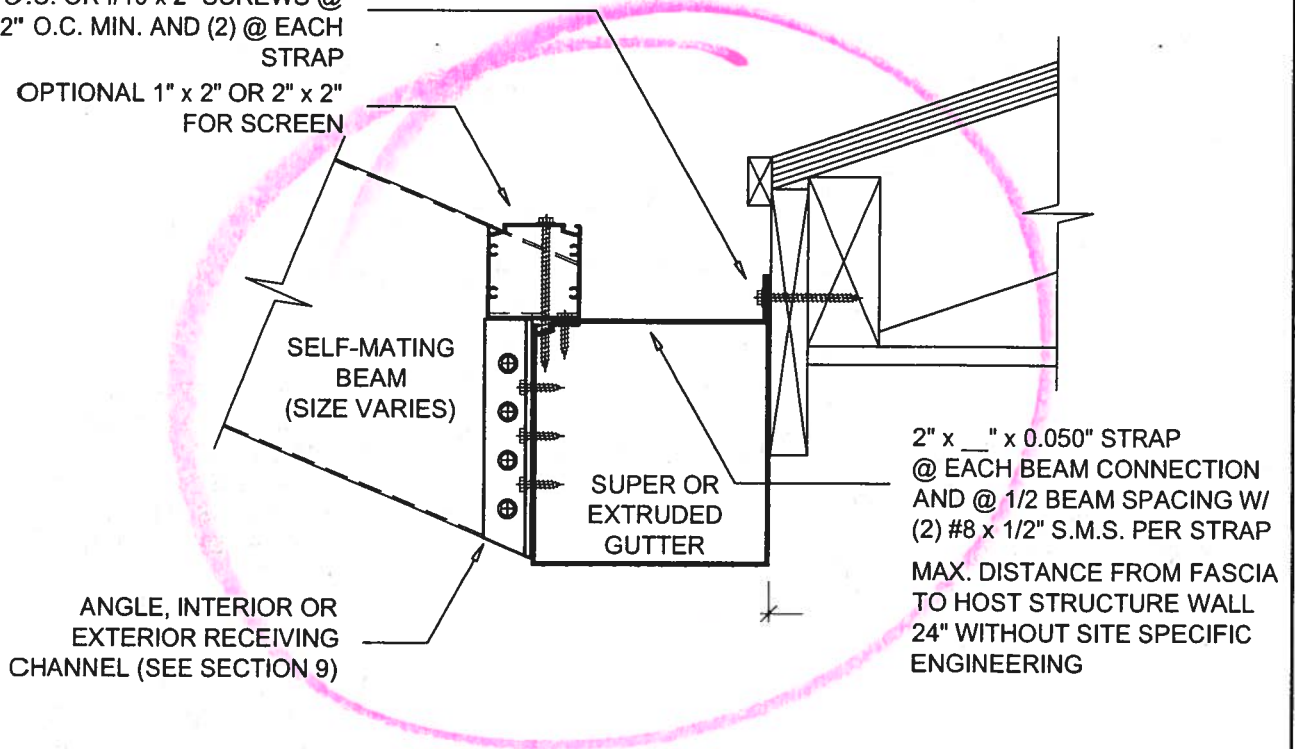
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1/4" x 2" LAG SCREWS @ 24"
O.C. OR #10 x 2" SCREWS @
12" O.C. MIN. AND (2) @ EACH
STRAP
OPTIONAL 1" x 2" OR 2" x 2"
FOR SCREEN



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

SCALE: 3" = 1'-0"

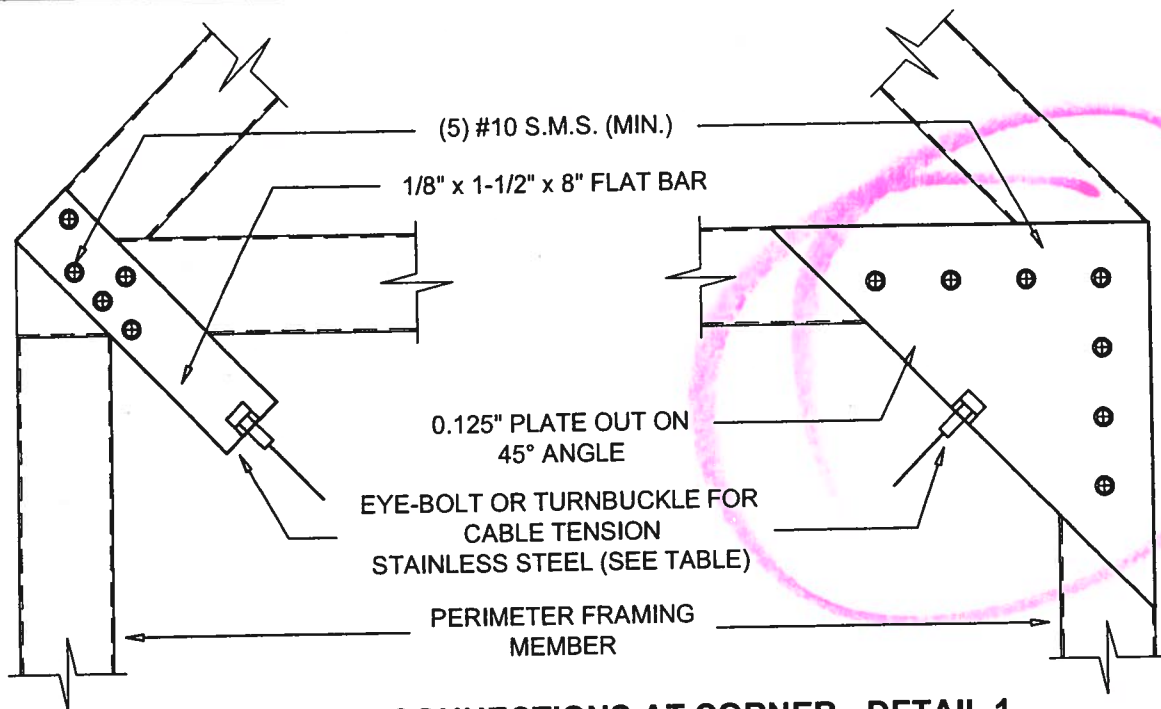
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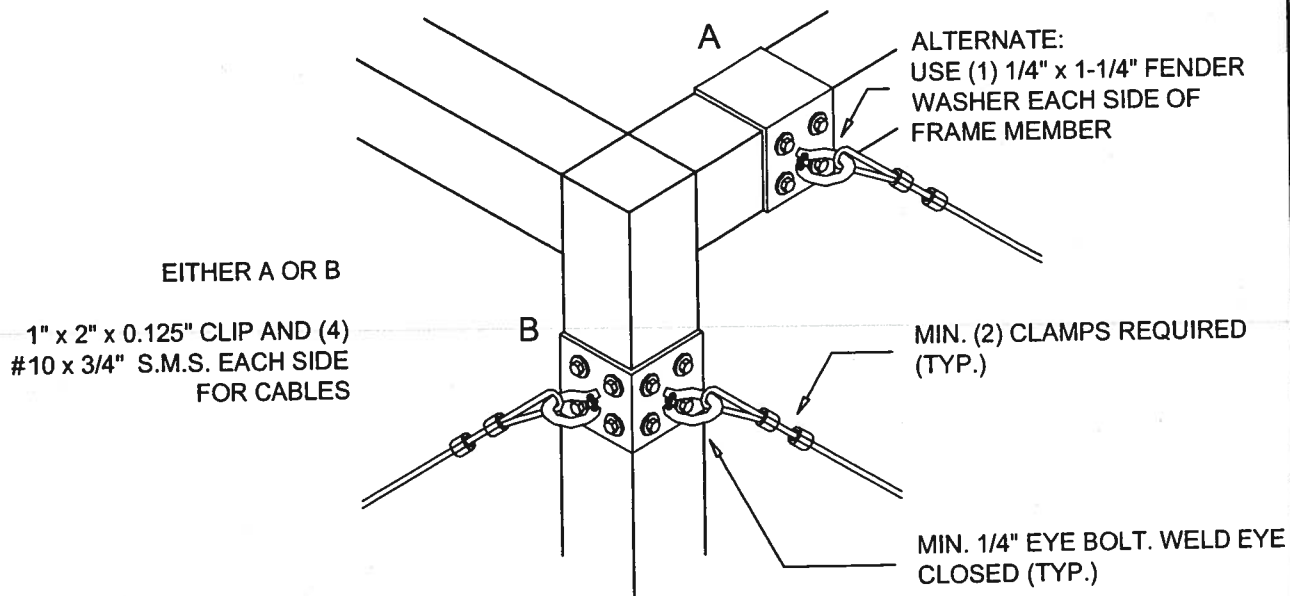
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TYPICAL CABLE CONNECTIONS AT CORNER - DETAIL 1

SCALE: 3" = 1'-0"



ALTERNATE TOP CORNER OF CABLE CONNECTION - DETAIL 1A

SCALE: 3" = 1'-0"

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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

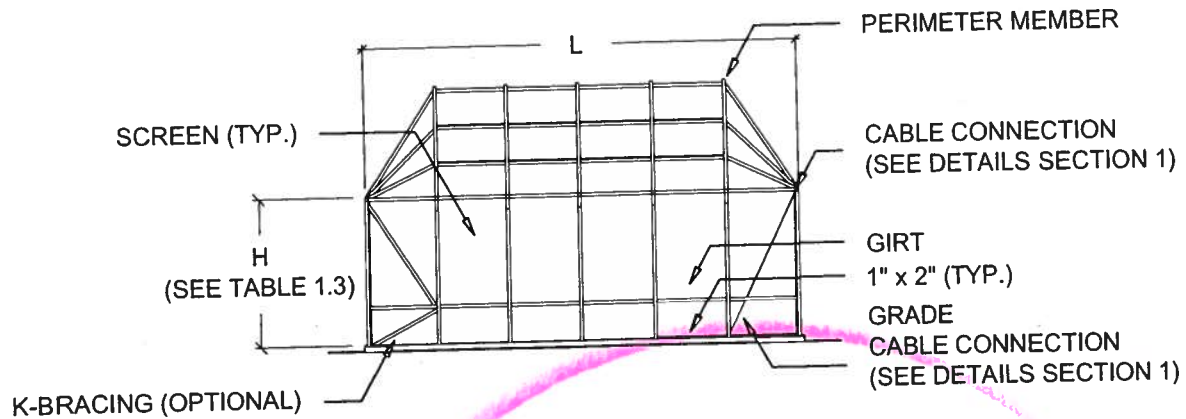
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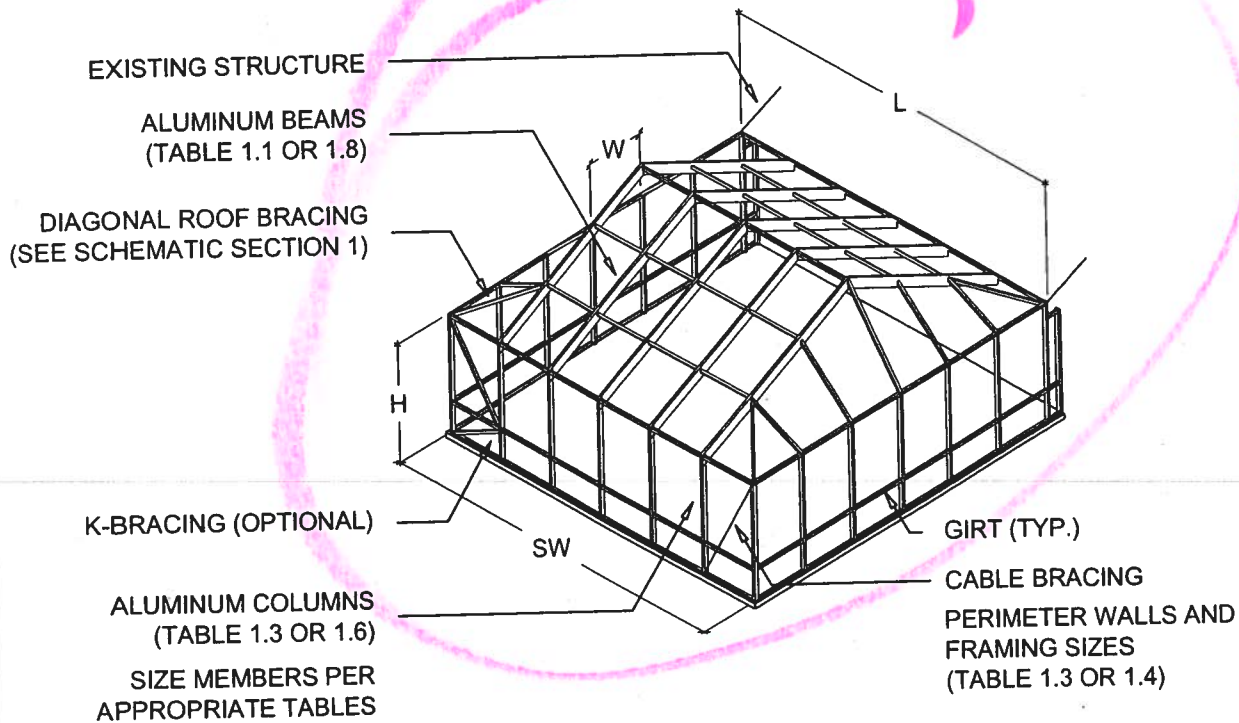
SECTION 1

SCREENED ENCLOSURES



TYPICAL MODIFIED HIP ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL MODIFIED HIP ROOF - ISOMETRIC

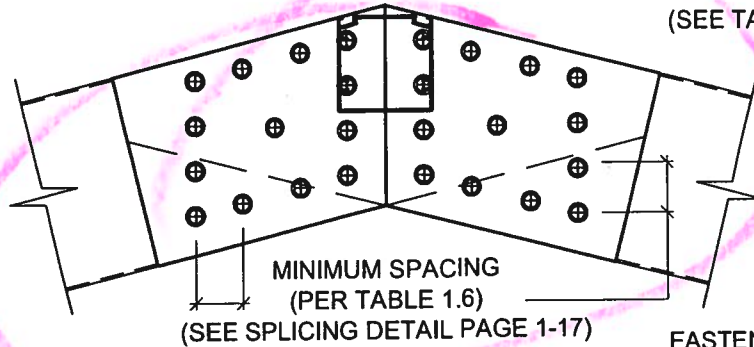
SCALE: N.T.S.

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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)

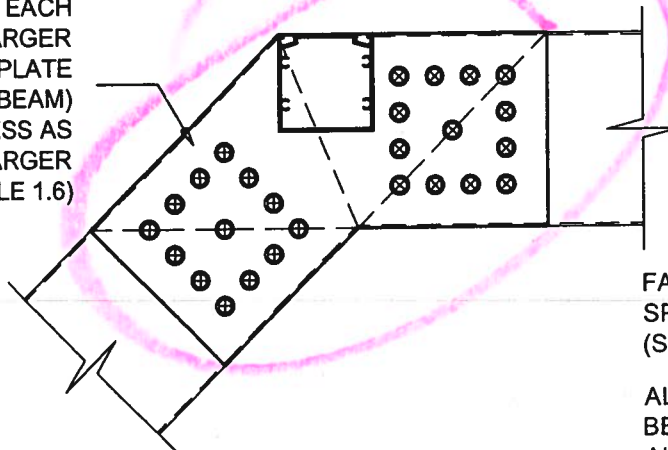


FASTENER SIZE, NUMBER AND
SPACING PER PAGE 1-19
(SEE TABLE 1.6)

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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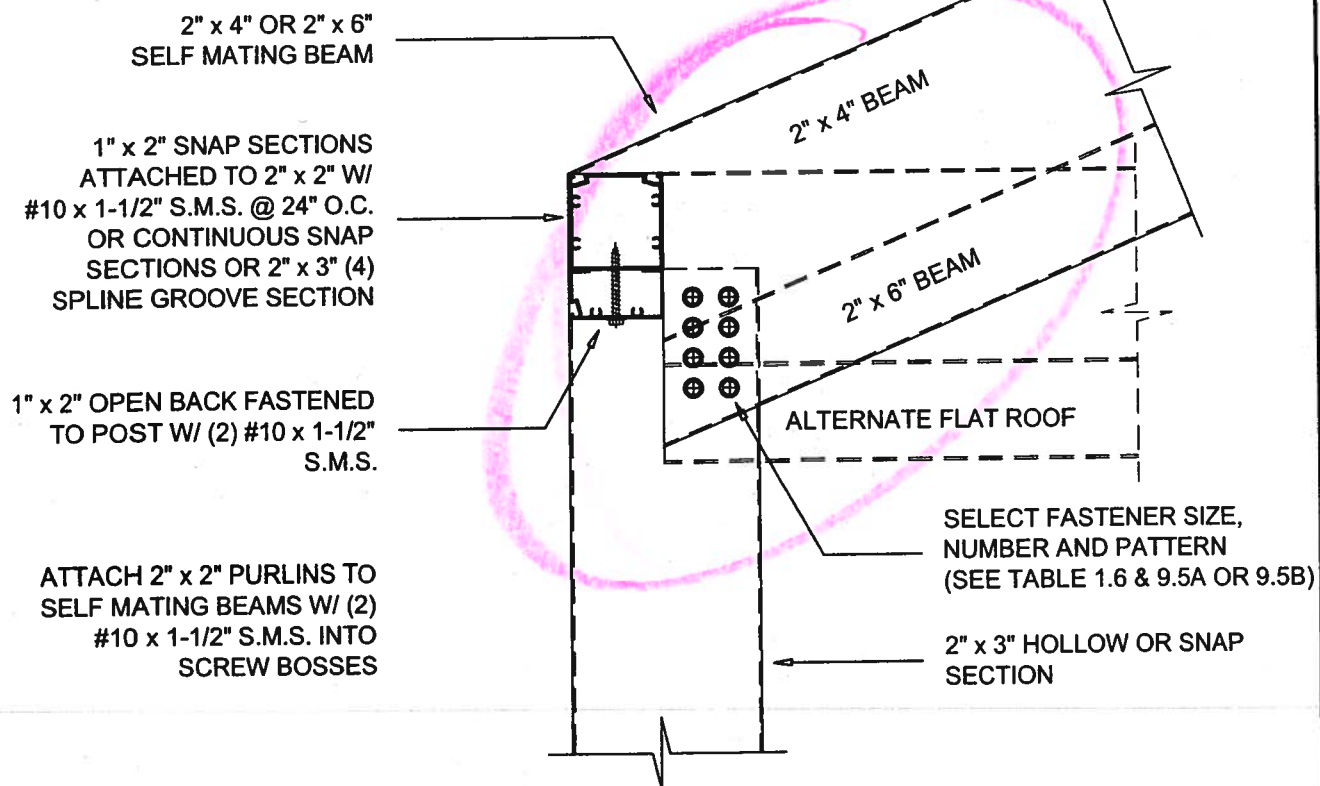
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SECTION 1

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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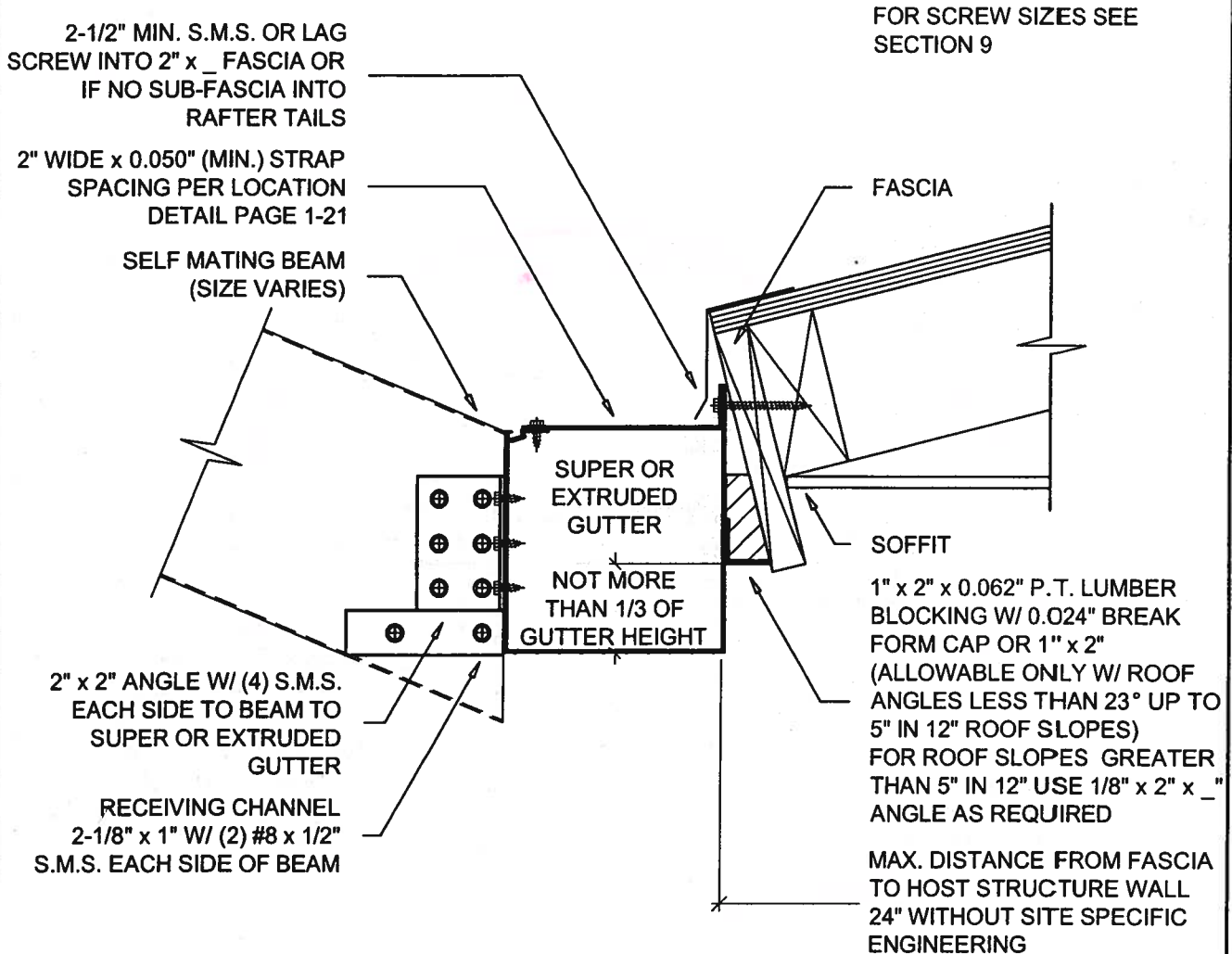
1-8

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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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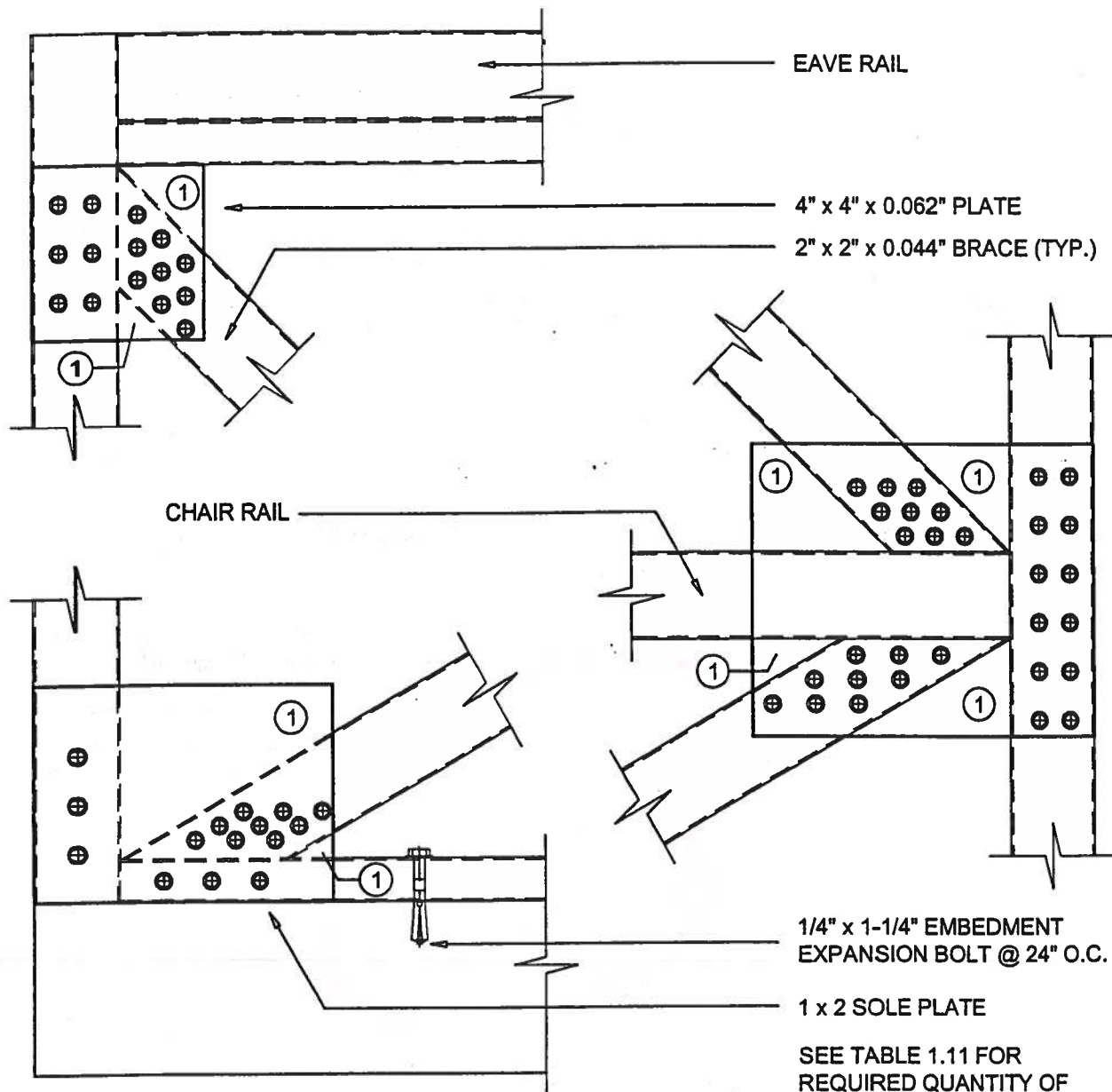
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SECTION 1

SCREENED ENCLOSURES



1/4" x 1-1/4" EMBEDMENT
EXPANSION BOLT @ 24" O.C.

1 x 2 SOLE PLATE

SEE TABLE 1.11 FOR
REQUIRED QUANTITY OF
#10 x 3/4" S.M.S.

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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