

DATE 08/13/2009

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000028006

APPLICANT CRAIG TIMBERLKE PHONE 352.472.6850
ADDRESS 25370 NW 8 PLACE NEWBERRY FL 32669
OWNER ANTHONY J. TROTT,(CEMJET,LLC.) PHONE _____
ADDRESS 193 NW WHITTON CT. LAKE CITY FL 32025
CONTRACTOR CARL HELMS PHONE 352.472.6850
LOCATION OF PROPERTY 90-W TO BROWN RD,TR TO HIGH POINTE FARMS,TL AND IT'S THE
2ND PLACE ON R.
TYPE DEVELOPMENT POOL ENCLOSURE ESTIMATED COST OF CONSTRUCTION 6524.00
HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT _____ STORIES _____
FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____
LAND USE & ZONING PRRD MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 20-3S-16-02202-125 SUBDIVISION HIGH POINTE
LOT 25 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 2.01

_____ SCC056710 _____
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X-09-225 BLK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE.

Check # or Cash 1862

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

BUILDING PERMIT FEE \$ 35.00 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 35.00
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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0907-53 Date Received 7/30 By JW Permit # 28006
 Zoning Official BLK Date 07.08.07 Flood Zone X Land Use A-3 Zoning RRD
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner HO Date 8-6-09
 Comments _____

☒ NOCL-EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL Accession Use N/A

Septic Permit No. X-09-225 - in BOX, Fax 352-472 6 855

Name Authorized Person Signing Permit Craig Timberlake Phone 352-472-6850

Address 25370 NW 8th Newberry FL 32669

Owners Name Cemjat LLC - ANTHONY J. TROTT Phone _____

911 Address 193 NW Whitten Ct L.C. 32025

Contractors Name Timberlake Aluminum Construction Inc. Can Help Phone 352-472-6850
25370

Address 25370 NW 8th place, Newberry, FL 32669

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address First Federal

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 20-3516-02202-125 Estimated Cost of Construction 6,524.00

Subdivision Name High Point Farms Lot 25 Block 20 Unit _____ Phase _____

Driving Directions 90 West to BROWN ROAD T/R to High Point Farms T/L
2nd PLACE on R.

Number of Existing Dwellings on Property 1

Construction of Pool Enclosure over Existing Pool Total Acreage 2.01 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front 250' Side 60' Side 60' Rear 75'

Number of Stories 1 Heated Floor Area _____ Total 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.

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment. even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Owners Signature

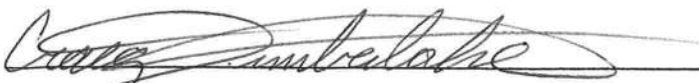
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.



Contractor's Signature (Permitee)

Contractor's License Number SCC056710
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12 day of Aug 2009.
Personally known _____ or Produced Identification _____



State of Florida Notary Signature (For the Contractor)

SEAL:

Columbia County Building Permit Application

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Owners Signature

Owners Signature keep as the Original. J. Hobbs

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Contractor's Signature (Permitee)

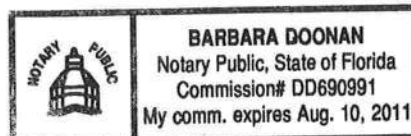
Contractor's License Number CPC 257195
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 21st day of JULY 2008.

Personally known ☒ or Produced Identification _____

State of Florida Notary Signature (For the Contractor)

SEAL:



11:50:31 AM 8/7/2009

Licensee Details**Licensee Information**

Name: **HELMS, CARL RICHARD** (Primary Name)
TIMBERLAKE ALUMINUM CONSTRUCTION INC (DBA Name)

Main Address: ***Private Address* *Private Address***
Private Address
Private Address
Private Address

License Mailing:

LicenseLocation: **2265 N SKEETER TERRACE**
HERNANDO FL 34442

County: **CITRUS**

License Information

License Type: **Certified Specialty Contractor**

Rank: **Cert Specialty**

License Number: **SCC056710**

Status: **Current,Active**

Licensure Date: **07/17/1996**

Expires: **08/31/2010**

Special Qualifications **Qualification Effective**

Qualified Business **02/20/2004**

License Required

Specialty Structure

[View Related License Information](#)[View License Complaint](#)[| Terms of Use](#) [| Privacy Statement](#)

Inst: 200912012773 Date: 7/30/2009 Time: 4:18 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1178 P: 476

NOTICE OF COMMENCEMENT

STATE OF FLORIDA COUNTY OF Columbia **CITY OF** Lake City

THE UNDERSIGNED hereby gives notice that improvement(s) 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.

DESCRIPTION OF PROPERTY:

LOT 25 BLOCK 20 SECTION 35 TOWNSHIP 35 RANGE 16
TAX PARCEL # 02202425
SUBDIVISION: HIGH RENT FARMS
PLATBOOK: _____ MAP PAGE# _____
STREET ADDRESS: 193 N.W. Whitten Court Lake City FL 32025

GENERAL DESCRIPTION OF IMPROVEMENT:

TO CONSTRUCT: Screen Enclosure

OWNER INFORMATION:

OWNER(S) NAME: Corniaf Dr. Trutt
ADDRESS: 193 N.W. Whitten Ct. PHONE 755 2848
CITY: Lake City STATE FL ZIP 32025
INTEREST IN THE PROPERTY: Owner
FEE SIMPLE TITLEHOLDER NAME: N/A
FEE SIMPLE TITLEHOLDER ADDRESS: (IF OTHER THAN OWNER)
N/A

CONTRACTOR NAME: Timberlake Aluminum
Address: 25370 N.W. 34th Pl Newberry FL 32669
BONDING COMPANY: N/A ADDRESS: N/A PHONE NUMBER N/A
CITY: N/A STATE N/A ZIP CODE: N/A
LENDER NAME: None
ADDRESS: n/a PHONE N/A
CITY: N/A STATE N/A Zip: N/A

Prepared by: Peeler Pools, Inc. (Raymond Peeler)
Return to: Peeler Pools, Inc. 9878 S. US Hwy 441 Lake City, FL 32025

Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a) 7., Florida Statutes.

NAME: None ADDRESS: N/A
In addition to himself, Owner designates: Raymond Peeler of Peeler Pools, Inc.
9878 S US Hwy 441 Lake City, FL 32025

to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.

Expiration date is 1 year from date of recording unless a different date is specified.

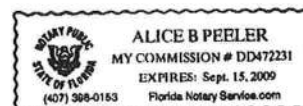
SIGNATURE OF OWNER

SWORN to and subscribed before me this 6th day of Oct year of 2008

Notary Public _____ My commission expires 9-15-2009

Owner's Signature: [Signature]
Notary Signature: Alice B. Peeler

***WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.



THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 08-70

Property Appraiser's
Parcel Identification No.
20-38-XXXXXXXXXX

Recording Fee \$ 18.50
Documentary Stamp \$ 454.30
Consideration \$ 24,865.00

Inst: 200812014737 Date: 8/7/2008 Time: 12:00 PM
Doc Stamp-Deed: 454.30
CC: P. DeWitt Cason, Columbia County Page 1 of 2 B: 1156 P: 277

WARRANTY DEED

THIS INDENTURE, made this 10th day of August 2008, BETWEEN CEMJAT, LLC, a Florida limited liability company, whose post office address is Post Office Box 2691, Lake City, Florida 32056, of the County of Columbia, State of Florida, grantor*, and J. ANTHONY TROTT, whose post office address is Post Office Box 2691, Lake City, Florida 32056, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 25, HIGH POINTE, a subdivision according to the plat thereof as recorded in PRRD Book 1, Pages 28-31 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

CEMJAT, LLC


(First Witness)

Terry McDavid
Printed Name

By:  (SEAL)
J. Anthony Trott, MGRM


(Second Witness)

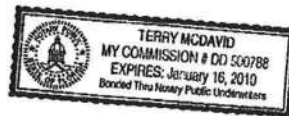
Lisa C. Ogburn
Printed Name

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 10th
day of August 2008, by J. Anthony Trott, as Managing Member of
CEMJAT, LLC, a Florida limited liability company, who is personally
known to me and who did not take an oath.

My Commission Expires:


Notary Public



Columbia County Property Appraiser

DB Last Updated: 7/22/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 20-3S-16-02202-125

Owner & Property Info

Search Result: 1 of 1

Owner's Name	TROTT J ANTHONY		
Site Address			
Mailing Address	P O BOX 2691 LAKE CITY, FL 32056		
Use Desc. (code)	VACANT (000000)		
Neighborhood	020316.00	Tax District	3
UD Codes	MKTA01	Market Area	01
Total Land Area	2.010 ACRES		
Description	LOT 25 HIGH POINTE S/D WD 1128-449, WD 1129-1721, CWD 1142-2747, CWD 1143-437, WD 1156-277		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$50,250.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$50,250.00

Just Value	\$50,250.00
Class Value	\$0.00
Assessed Value	\$50,250.00
Exemptions	\$0.00
Total Taxable Value	County: \$50,250.00 City: \$50,250.00 Other: \$50,250.00 School: \$50,250.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
8/6/2008	1156/277	WD	V	Q		\$64,900.00
8/23/2007	1129/1721	WD	V	U	09	\$79,900.00
8/8/2007	1128/449	WD	V	U	09	\$79,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

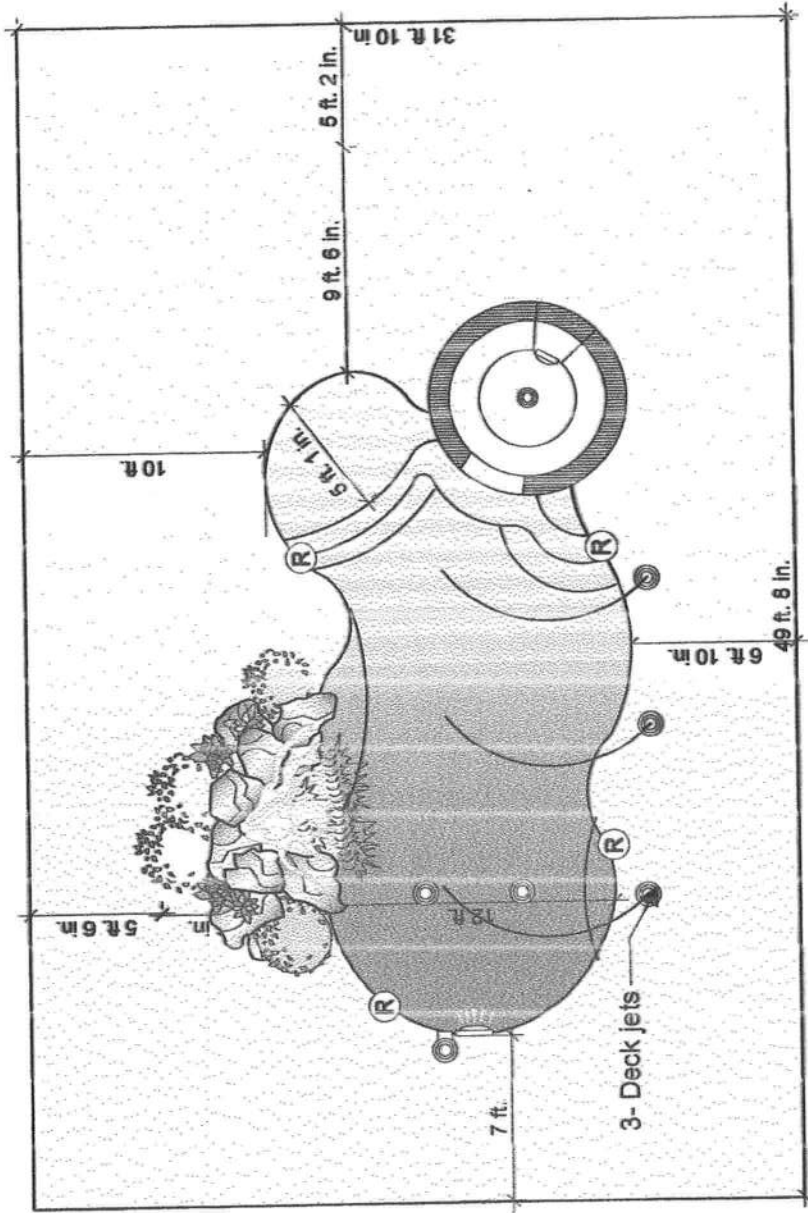
Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000002.010 AC	1.00/1.00/1.00/1.00	\$25,000.00	\$50,250.00

Columbia County Property Appraiser

DB Last Updated: 7/22/2009



**I-75 to Lake City-
West on 90---
R Brown Rd---
L High Point
Farms
2nd place on R**



2/2/20

Peeler Pools 9878 S U.S.Hwy 441 Lake City FL 32025	Phone: 386-755-2848 Fax: 386-755-5577	Designed by: Raymond Peeler 9/4/2008	Dr. Trott Designed for:	193 NW Whitten Ct Lake City FL 32055
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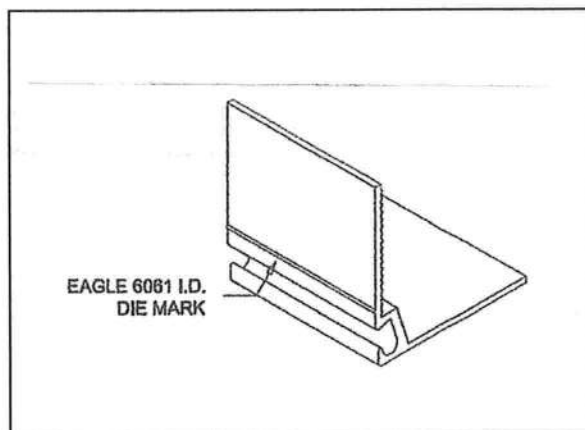
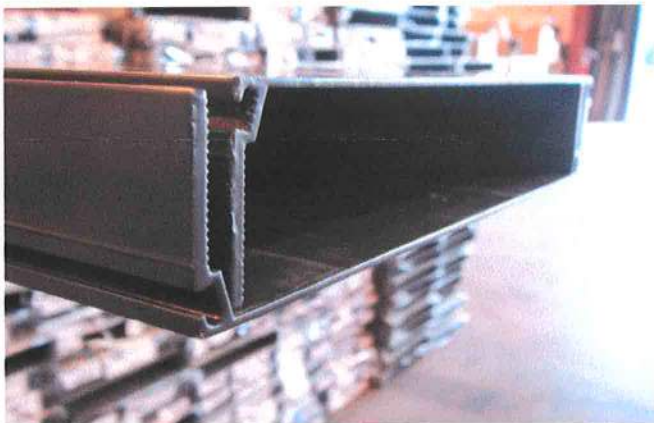
SCALE: 1/8" = 1'



EAGLE METAL DISTRIBUTORS, INC.

❖ THE FREEDOM OF CHOICE ❖

EAGLE 6061™ ALLOY CERTIFICATION



Company Name: TIMBERLAKE ALUMINUM CONST. INC
09

Date: 27-07-

Eagle Invoice # 32680

Job Name TROTT

Address: 193 NW WILLOW CT.
LAKE CITY FL 32025

This is to certify that the above company has purchased 6061 aluminum alloy material from our company for the construction of screen enclosures. The above pictures illustrate our 'raised' external identification mark (EAGLE 6061™) and its location next to the spline groove, to signify our 6061 alloy extrusions. **Certification not valid unless die mark is verified.** Eagle Metal Distributors certifies this based on specifications and validation provided by our extrusion suppliers, which states 6061 alloy was ordered and produced on all such designated profiles. Certification not valid without seal and signature from Eagle Metal Distributors, Inc. It is ultimately the purchaser's/contractors responsibility to ensure the proper alloy is used in conjunction with the engineering selected for construction.

This certification should be displayed on site for final inspection.

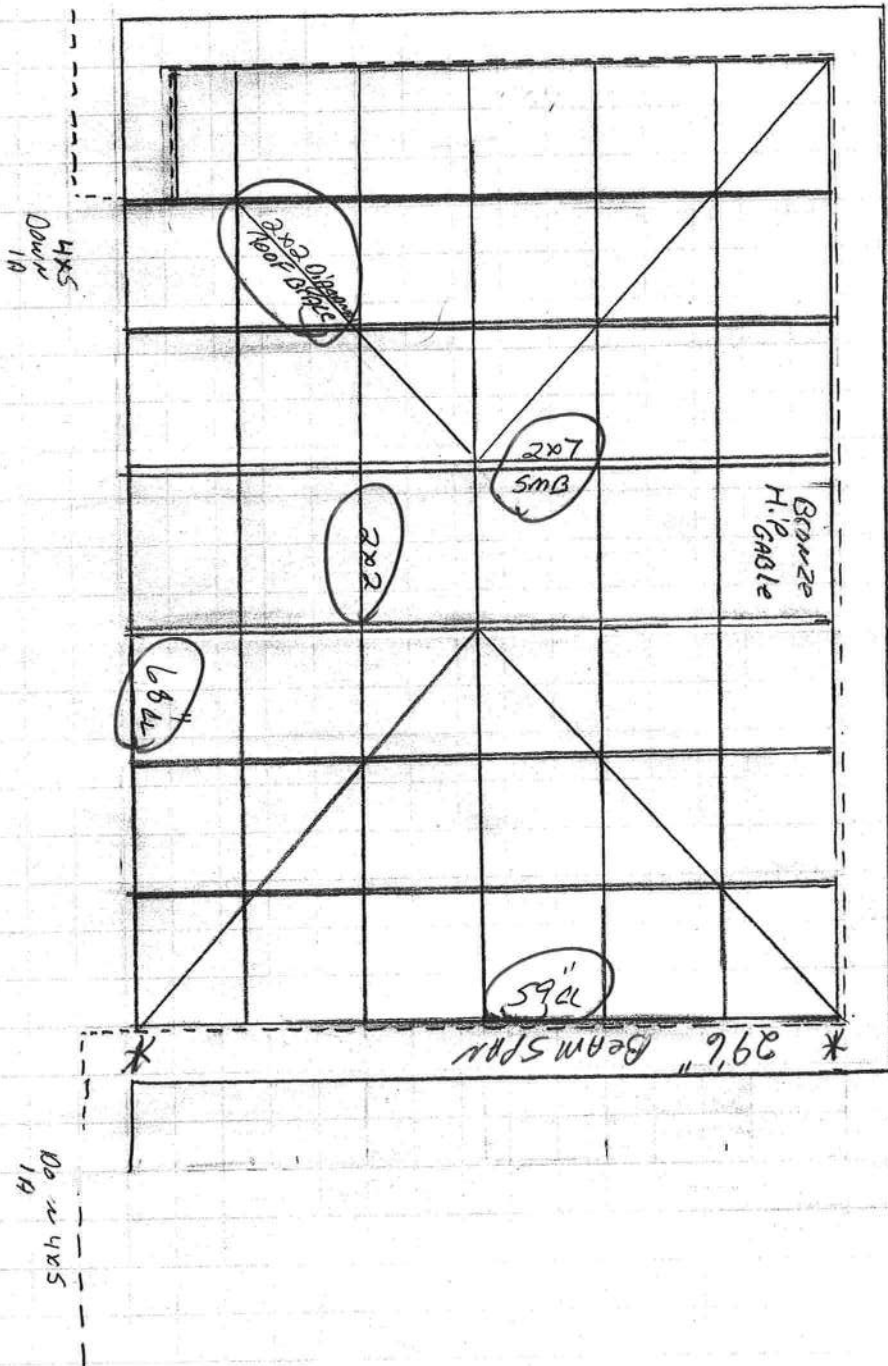
Inspector can look for identification mark on all extrusion components as specified above to validate the use of 6061 engineering.

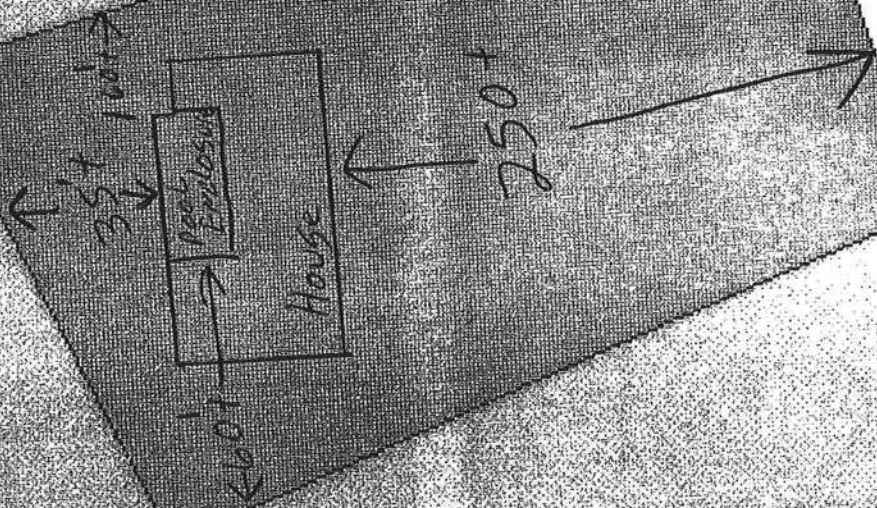
Signature:
Eagle Rep.

Seal:

TIMBERLAKE ALUMINUM
CONSTRUCTION, INC.
25370 NW 8th Place
NEWBERRY, FL 32669

Tot # Peeler # 243
193 NW Whitlow CT
Lake City FL





Design Check List for Pool Enclosures

I. Design Statement: (EAGLE ALUMINUM 6061 T-6 FRAME MEMBERS)

These plans have been designed in accordance with the Aluminum Structures Design Manual by Lawrence E. Bennett and are in compliance with the 2004 Florida Building Code Edition with 2006 Supplements, Chapter 20, ASHRAE and The 2005 Aluminum Design Manual Part I-A, 8 II-A; Exposure B; or "C" or "D". Importance Factor 0.87 for 100 MPH and 0.77 for 110 MPH and higher. Negative I.P.C. 0.00; MPH Wind Zone for 3 second gust Basic Wind Pressure; Design pressures are PSF for roofs & PSF for walls. (see page 1 for wind loads and design pressures) A 300 PLF point load is also considered for screen roof members.

Notes: Wind velocity zones and exposure category is determined by local code. Design pressures and conversion multipliers are on page 1.

II. Host Structure Adequacy Statement:

I have inspected and verify that the host structure is in good repair and attachments made to the structure will be solid.

Contractor / Authorized Rep* Name (please print) _____ Phone: _____
Contractor / Authorized Rep* Signature _____ Date: _____

Job Name & Address _____

Note: If the total of beam span & upright height exceeds 50' or upright height exceeds 16', site specific engineering is required.

- III. Building Permit Application Package contains the following:
- A. Project name & address on plans
 - B. Site plan or survey with enclosure location
 - C. Contractor's / Designer's name, address, phone number, & signature on plans
 - D. Site exposure form completed
 - E. Enclosure layout drawing @ 1/8" or 1/10" scale with the following:

- 1. Plan view with host structure, enclosure length, projection from host structure, and all dimensions
- 2. Front and side elevation views with all dimensions & heights

Note:

- 3. All masonry wall drawings shall include mansard panel at the top of the wall.
- 4. Beam location (show in plan & elevation view) & size

Roof frame member allowable span conversions from 120 MPH wind zone.

B Exposure to MPH wind zone and / or "C" or "D" Exposure for load width of _____

Note: Conversion factors do not apply to members subject to point load (P). Look up span in appropriate 120 MPH span table and apply the following formula:

Span _____ Required Converted Span / Height _____
(b or d) x _____ (b or d) x _____ (b or d) = _____
Wind Zone Multiplier _____ Exposure Multiplier _____
(see page 1) (see page 1)

- 4. Upright location (show in plan & elevation view) & size (Table 1.3 E & 1.6 E)
- 5. Chair rail & girt size, length, & spacing (Table 1.4 E)
- 6. Eave rail size, length, spacing and stitching of (Table 1.2 E)

* Must have attended Engineer's Continuing Education Class within the past two years.

Wall frame member allowable span conversions from 120 MPH wind zone, "B" Exposure to MPH wind zone and / or "C" or "D" Exposure for load width of _____

Look up span in appropriate 120 MPH span table and apply the following formula:

Span / Height _____ Required Converted Span / Height _____
@ 120 MPH _____
or _____ MPH _____
(b or d) x _____ (b or d) x _____ (b or d) = _____
Wind Zone Multiplier _____ Exposure Multiplier _____
(see page 1) (see page 1)

- 7. Enclosure roof diagonal bracing in plan view (Table 1.7 E)
- 8. Knee braces length, location, & size
- 9. Wall cables or K-bracing sizes shown in wall views

IV. Highlight details from the Aluminum Structures Design Manual:

- A. Beam & purlin tables with size, thickness, spacing, & spans / lengths (Tables 1.1 E & 1.2 E or 1.9.1 E & 1.9.2 E)
- B. Upright & girt tables with size, thickness, spacing, & spans / lengths (Tables 1.3 E & 1.4 E)
- C. Table 1.6 with beam & upright combination
- D. Connection details to be used such as:
 - 1. Beam to upright
 - 2. Beam to wall
 - 3. Beam to beam
 - 4. Chair rail, purlins, & knee braces
 - 5. Extruded gutter connections
 - 6. Angle to deck and / or sole plate

- 7. Anchors go through pavers into concrete
- 8. Minimum footing and / or knee wall details
- 9. Cable or K-brace details Section 1

Wall area calculations for cables:

W = wall width, H = wall height, R = rise

W1 = width @ top of mansard, W2 = width @ top of wall

E. Select footing from examples in manual.

Example 1: Flat Roof

Front wall @ eave: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²
Largest side wall: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²
Total area / (233 ft.² / cable for 3/32") = _____ cable pairs

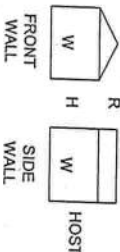
or
Total area / (445 ft.² / cable for 1/8") = _____ cable pairs

Side wall cable calculation: _____ ft.² @ 100% = _____ ft.²

Side wall area / (233 ft.² / cable for 3/32") = _____ cable(s)

or
Side wall area / (445 ft.² / cable for 1/8") = _____ cable(s)

Example 2: Gable Roof



Front wall @ eave: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²

Front gable rise: _____ ft. x 1/2(_____ ft.) = _____ ft.² @ 100% = _____ ft.²

Largest side wall: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

Largest side gable rise: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

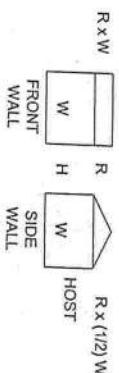
Total area / (233 ft.² / cable for 3/32") = _____ cable pairs

or
Total area / (445 ft.² / cable for 1/8") = _____ cable pairs

Side wall cable calculation: _____ ft.² + _____ ft.² = _____ ft.² @ 100% = _____ ft.²

Side wall area / (233 ft.² / cable for 3/32") = _____ cable(s)

or
Side wall area / (445 ft.² / cable for 1/8") = _____ cable(s)



Example 3: Transverse Gable Roof

Front wall @ eave: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²

Front gable rise: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²

Largest side wall: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

Largest side gable rise: _____ ft. x 1/2(_____ ft.) = _____ ft.² @ 50% = _____ ft.²

Total area / (233 ft.² / cable for 3/32") = _____ cable pairs

or
Total area / (445 ft.² / cable for 1/8") = _____ cable pairs

Side wall cable calculation: _____ ft.² + _____ ft.² = _____ ft.² @ 100% = _____ ft.²

Side wall area / (233 ft.² / cable for 3/32") = _____ cable(s)

or
Side wall area / (445 ft.² / cable for 1/8") = _____ cable(s)

Example 4: Mansard Roof

Front wall @ eave: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²

Front mansard rise: _____ ft. x 1/2(_____ ft. + _____ ft.) = _____ ft.² @ 100% = _____ ft.²

Largest side wall: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

Largest side mansard rise: _____ ft. x 1/2(_____ ft. + _____ ft.) = _____ ft.² @ 50% = _____ ft.²

Total area / (233 ft.² / cable for 3/32") = _____ cable pairs

or
Total area / (445 ft.² / cable for 1/8") = _____ cable pairs

Side wall cable calculation: _____ ft.² + _____ ft.² = _____ ft.² @ 100% = _____ ft.²

Side wall area / (233 ft.² / cable for 3/32") = _____ cable(s)

or
Side wall area / (445 ft.² / cable for 1/8") = _____ cable(s)

Example 5: Dome Roof

Front dome wall @ eave: _____ ft. x _____ ft. = _____ ft.² @ 100% = _____ ft.²

Front dome rise: _____ ft. x 1/2(_____ ft.) = _____ ft.² @ 100% = _____ ft.²

Largest side wall: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

Largest side dome rise: _____ ft. x _____ ft. = _____ ft.² @ 50% = _____ ft.²

Total area / (233 ft.² / cable for 3/32") = _____ cable pairs

or
Total area / (445 ft.² / cable for 1/8") = _____ cable pairs

Side wall cable calculation: _____ ft.² + _____ ft.² = _____ ft.² @ 100% = _____ ft.²

Side wall area / (233 ft.² / cable for 3/32") = _____ cable(s)

or
Side wall area / (445 ft.² / cable for 1/8") = _____ cable(s)

EAGLE 6061 ALLOY IDENTIFIER™ INSTRUCTIONS
FOR PERMIT PURPOSES

To: Plans Examiners and Inspectors,

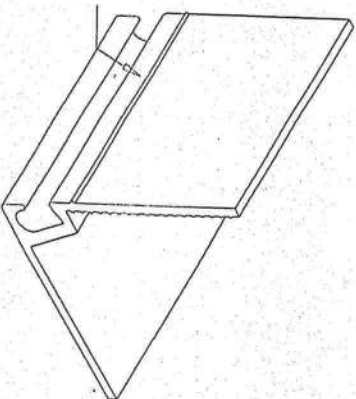
These identification instructions are provided to contractors for permit purposes. The pictures below illustrate our unique "raised" external identification mark (Eagle 6061™) and its location next to the spine groove, to signify our 6061 alloy extrusions. It is ultimately the purchaser's / contractor's responsibility to ensure that the proper alloy is used in conjunction with the engineering selected for construction. We are providing this identification mark to simplify identification when using our 6061 Alloy products.

A separate signed and sealed certification letter from Eagle Metals will be provided once the metal is purchased. This should be displayed on site for review at final inspection.

The inspector should look for the identification mark as specified below to validate the use of 6061 engineering.

EAGLE 6061 I.D.

DIE MARK



Lawrence E. Bennett, P.E. FL # 16644
CIVIL & STRUCTURAL ENGINEERING
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Email: lebpe@bellsouth.net

ALUMINUM STRUCTURES DESIGN MANUAL
SCREEN ENCLOSURES
INSPECTION GUIDE / DESIGN CHECK LIST
2004 FBC W/ 2006 SUPPLEMENTS
2006 EDITION

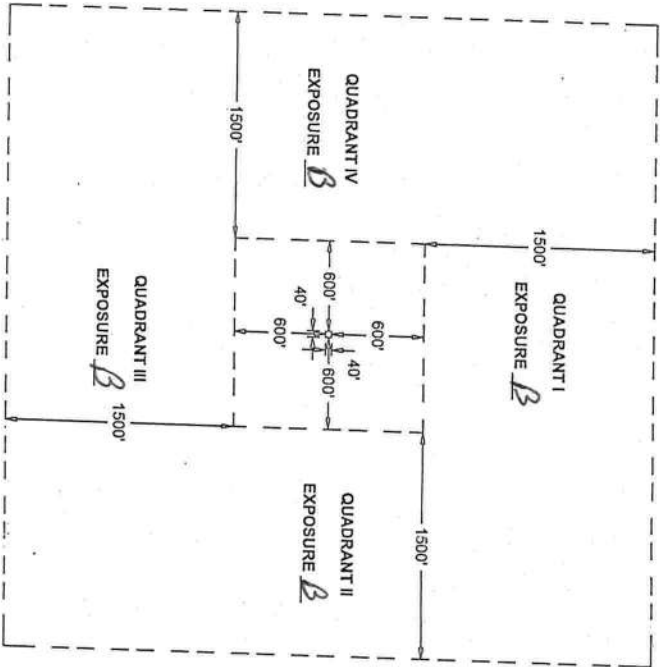


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Inspection Guide For Pool Enclosures

1. Check the building permit for the following: a. Permit card & address b. Approved drawings and addendums as required c. Plot plan or survey d. Notice of commencement	Yes _____ _____ _____ _____	No _____ _____ _____ _____
2. Check the approved site specific drawings or shop drawings against the "AS BUILT" structure for: a. Structures length, projection, plan & height as shown on the plans b. Beam size, span, spacing & stitching screws c. Purlin size, span & spacing d. Upright size, height, spacing & stitching screws e. Chair rail size, length & spacing f. Eye rail size, length, spacing & stitching of 1" x 2" to 2" x 2" g. Enclosure roof diagonal bracing is installed snug h. Wall cables or "K" bracing are installed snug i. Knee braces are properly installed	Yes _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	No _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
3. Check load bearing uprights for the following: a. Angle bracket size & thickness b. Correct number, size & spacing of fasteners to upright c. Correct number, size & spacing of fasteners of angle to deck and sole plate d. Upright is anchored to deck through brick pavers then anchors shall go through pavers into concrete	Yes _____ _____ _____ _____	No _____ _____ _____ _____
4. Check the load bearing beam to upright for: a. Upright to beam connection and / or splices have correct number & spacing of screws b. Overlap beam to upright or gusset plate c. If angle brackets are used in framing check for correct thickness and size & number of fasteners	Yes _____ _____ _____	No _____ _____ _____
5. Check load bearing beam to host structure and / or gutter for: a. Receiver bracket, angle or receiving channel size & thickness b. Size, number & spacing of anchors of beam to receiver c. Size, number & spacing of anchors of receiver to host structure of gutter d. Correct anchoring of gutters to host structure	Yes _____ _____ _____ _____	No _____ _____ _____ _____
6. Check the wall cables: a. Location & number b. Top bracket size and fasteners c. Eye bolts are welded d. Bottom strap to concrete connection	Yes _____ _____ _____ _____	No _____ _____ _____ _____
7. Check wall "K" bracing (if required): a. Location & size b. Angle, gusset or clip size & number c. Number & size of fasteners	Yes _____ _____ _____	No _____ _____ _____
8. Check electrical ground: a. Properly completed b. Angle, gusset or clip size & number c. Number & size of fasteners	Yes _____ _____ _____	No _____ _____ _____
9. Check the doors on pool enclosures: a. Door handle @ 54" from the deck	Yes _____	No _____

SITE EXPOSURE EVALUATION FORM



SITE
SCALE: 1" = 1200'

USING THE FOLLOWING CRITERIA, EVALUATE EACH QUADRANT AND MARK IT AS 'B', 'C', OR 'D'
EXPOSURE: 'C' OR 'D' EXPOSURE IN ANY QUADRANT MAKE THE SITE THAT EXPOSURE.
EXPOSURE C: 1. OPEN TERRAIN FOR MORE THAN 1,500 FEET IN ANY QUADRANT.

2. ANY 'C' EXPOSURE FOR GREATER THAN 600 FEET IN ANY QUADRANT.
3. NO SHORT TERM CHANGES IN 'B', 2 YEARS BEFORE SITE EVALUATION AND BUILD OUT WITHIN 3 YEARS, SITE WILL BE 'B'.
4. FLAT, OPEN COUNTRY, GRASSLANDS, PONDS AND OCEAN OR SHORELINES IN ANY QUADRANT FOR GREATER THAN 1,500 FEET.
EXPOSURE D: FLAT, UNOBTSTRUCTED AREAS THAT ARE 1,500 FT. INLAND FROM THE SHORE LINE AND ARE EXPOSED TO WIND FLOWING OVER WATER FOR A DISTANCE OF AT LEAST 1 MILE.

SITE IS EXPOSURE: B EVALUATED BY: Laig Timberlake DATE: 7-27-09

SIGNATURE: Laig Timberlake LICENSE #: SR056710

EAGLE 6061 ALLOY IDENTIFIER™ INSTRUCTIONS
FOR PERMIT PURPOSES

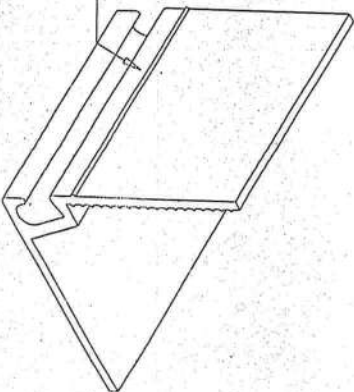
To: Plans Examiners and Inspectors,

These identification instructions are provided to contractors for permit purposes. The pictures below illustrate our unique "raised" external identification mark (Eagle 6061™) and its location next to the spine groove, to signify our 6061 alloy extrusions. It is ultimately the purchaser's / contractor's responsibility to ensure that the proper alloy is used in conjunction with the engineering selected for construction. We are providing this identification mark to simplify identification when using our 6061 Alloy products.

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EAGLE 6061 I.D.
DIE MARK



10-31-2007

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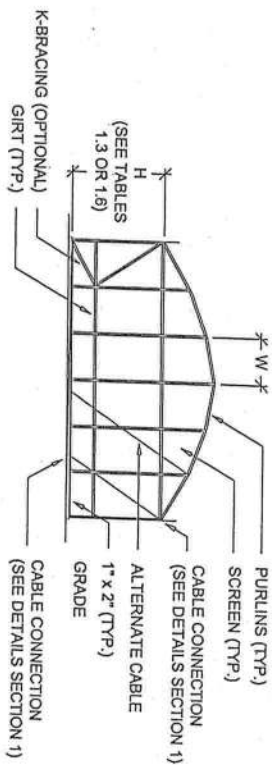
SEAL

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Email: lebpe@bellsouth.net

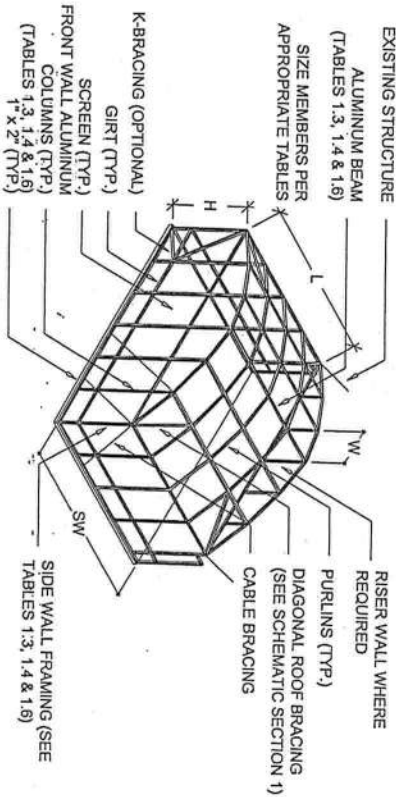
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SCREEN ENCLOSURES
INSPECTION GUIDE / DESIGN CHECK LIST
2004 FBC W/ 2006 SUPPLEMENTS
2006 EDITION



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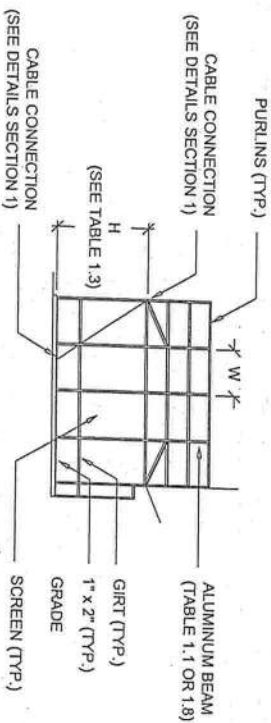


TYPICAL DOME ROOF - FRONT WALL ELEVATION
SCALE: N.T.S.

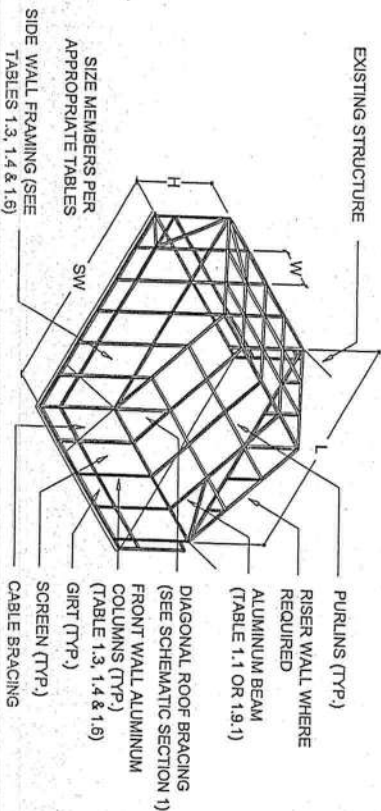


TYPICAL DOME ROOF - ISOMETRIC
SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES.

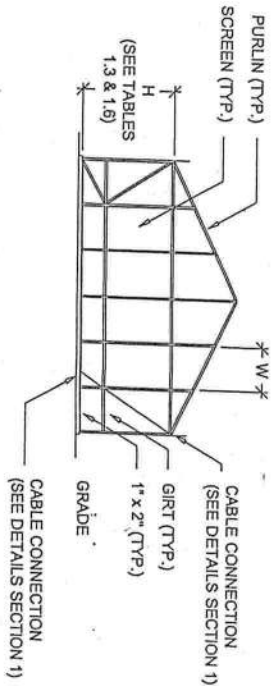


TYPICAL GABLE ROOF - FRONT WALL ELEVATION
SCALE: N.T.S.

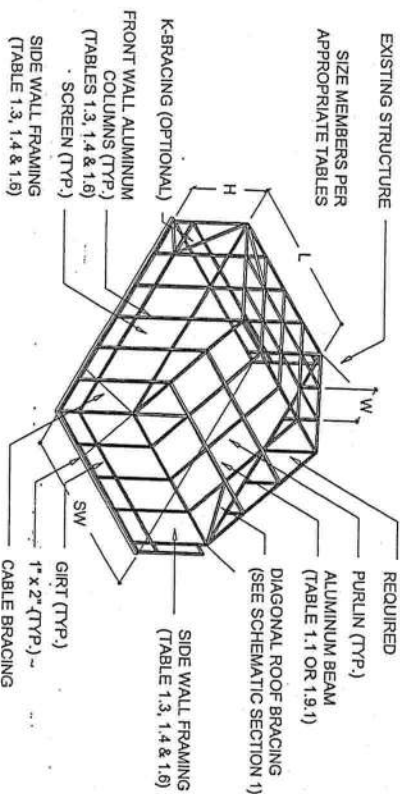


TYPICAL GABLE ROOF - ISOMETRIC
SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES

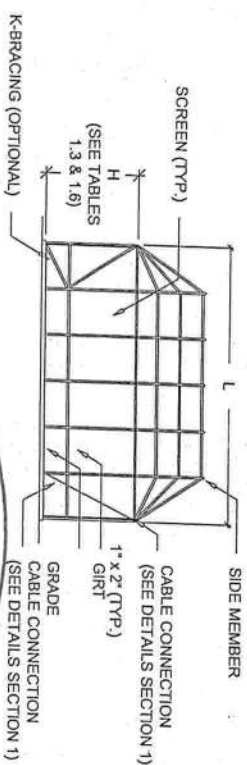


TYPICAL TRANSVERSE GABLE ROOF - FRONT WALL ELEVATION
SCALE: N.T.S.

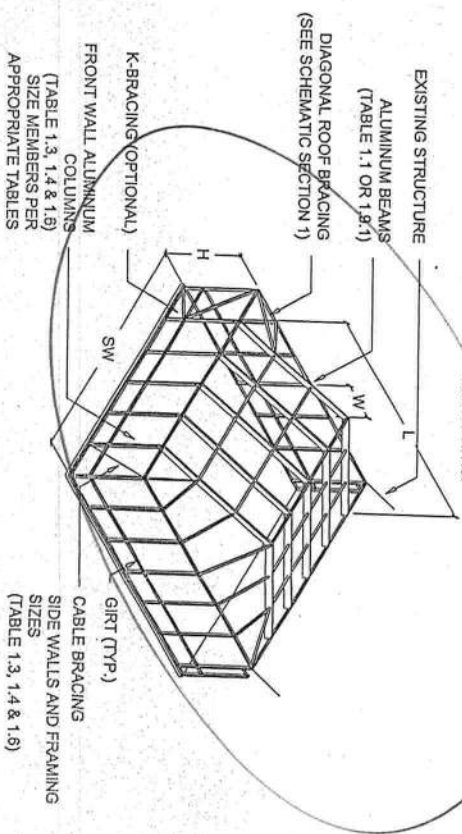


TYPICAL TRANSVERSE STACKED GABLE ROOF - ISOMETRIC
SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES

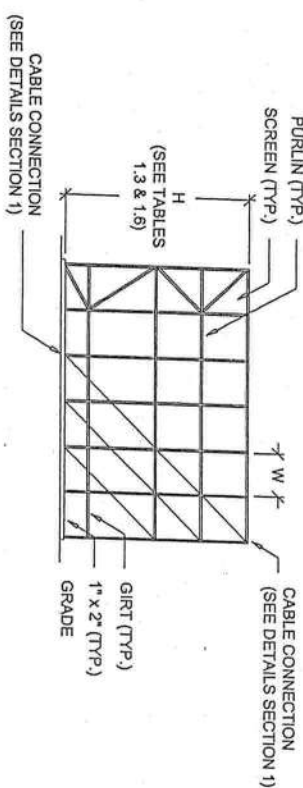


TYPICAL MODIFIED HIP ROOF - FRONT WALL ELEVATION
SCALE: N.T.S.

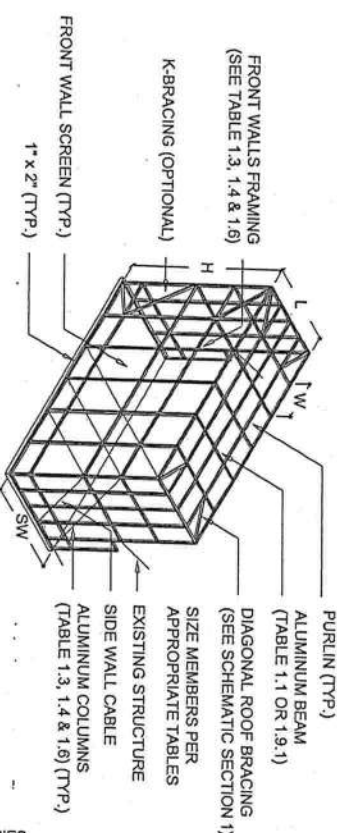


TYPICAL MODIFIED HIP ROOF - ISOMETRIC
SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES



TYPICAL TWO STORY POOL ENCLOSURE - FRONT WALL ELEVATION
(ALL ROOF TYPES)
SCALE: N.T.S.



TYPICAL TWO STORY POOL ENCLOSURE - ISOMETRIC
(ALL ROOF TYPES)
SCALE: N.T.S.

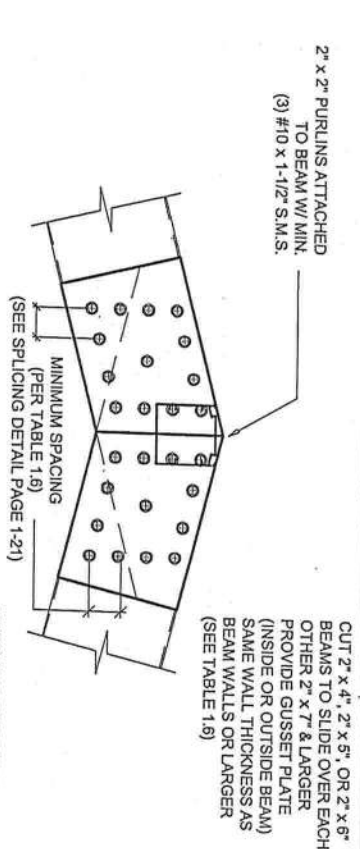
CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES

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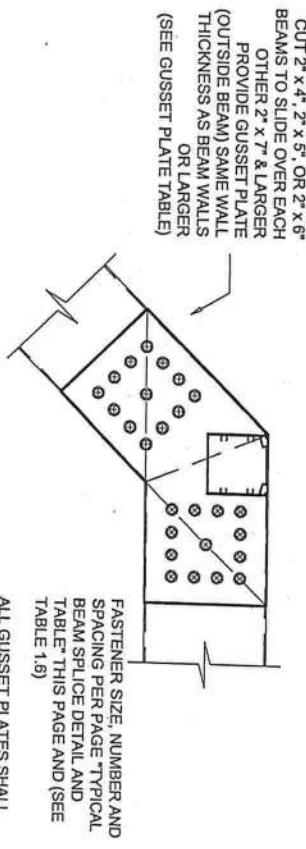
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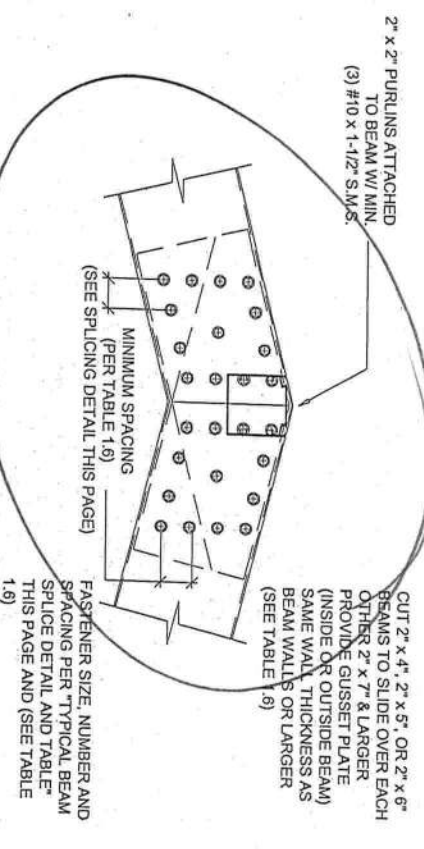
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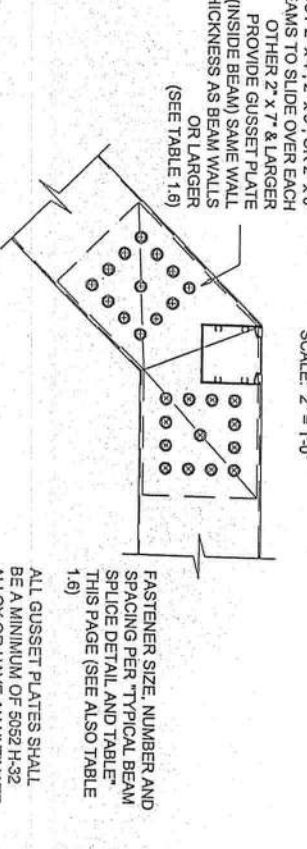
TYPICAL SIDE PLATE CONNECTION DETAIL
SCALE: 2" = 1'-0"



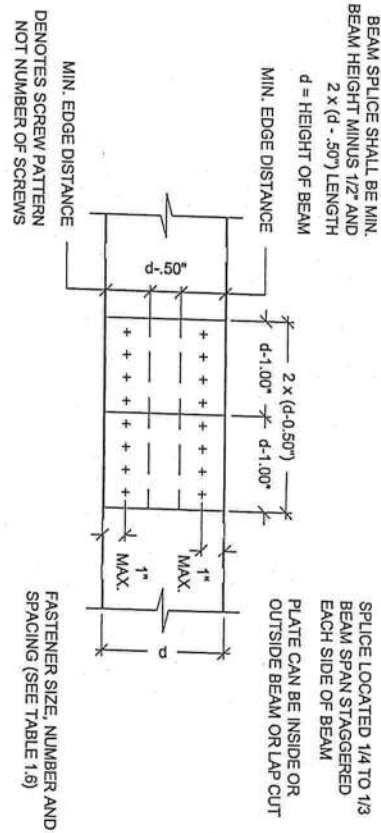
TYPICAL SIDE PLATE CONNECTION DETAIL - MANSARD ROOF
SCALE: 2" = 1'-0"



ALTERNATE SIDE PLATE CONNECTION DETAIL GUSSET PLATE MOUNTED INTERNALLY
SCALE: 2" = 1'-0"

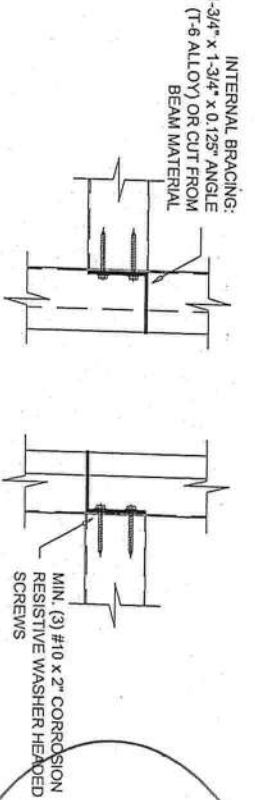


ALTERNATE SIDE PLATE CONNECTION DETAIL - MANSARD ROOF GUSSET PLATE MOUNTED INTERNALLY
SCALE: 2" = 1'-0"

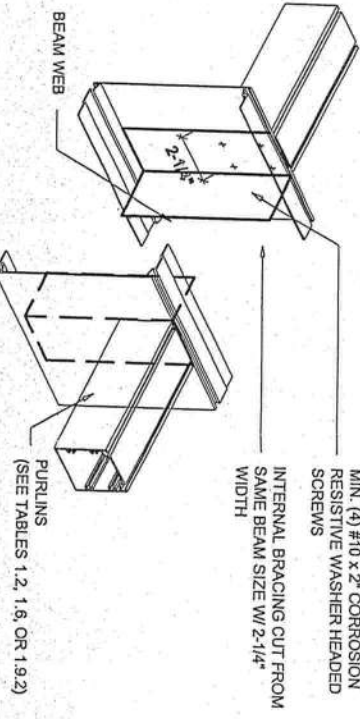


Minimum Distance and Spacing of Screws*		Gusset Plate	
Screw Size (in.)	Edge to Center (in.)	Beam Size	Thickness (in.)
#8	0.16	2x4 (in.)	1/16 - 0.063
#10	0.19	2x6 (in.)	1/8 - 0.125
#12	0.21	2x8 (in.)	1/8 - 0.125
#14	0.23	2x10 (in.)	1/8 - 0.125
#16	0.25	2x12 (in.)	1/8 - 0.125
#18	0.27	2x14 (in.)	1/8 - 0.125
#20	0.29	2x16 (in.)	1/8 - 0.125
#22	0.31	2x18 (in.)	1/8 - 0.125
#24	0.33	2x20 (in.)	1/8 - 0.125

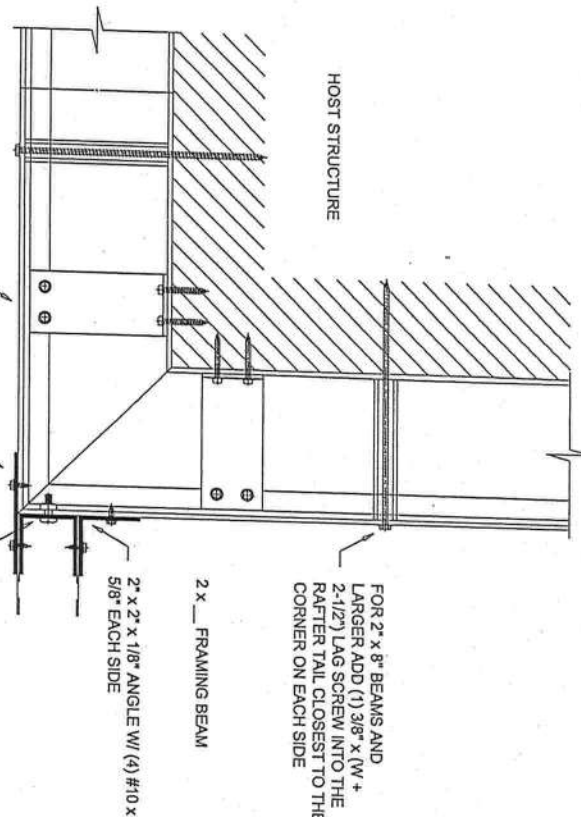
TYPICAL BEAM SPLICE DETAIL
SCALE: 2" = 1'-0"



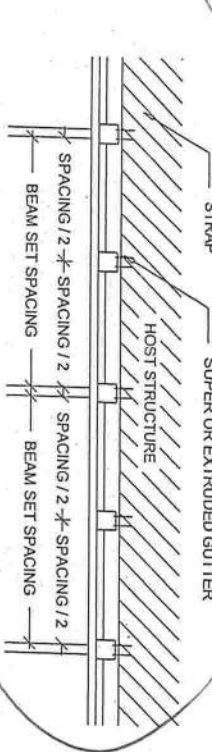
PLAN VIEW
SCALE: 2" = 1'-0"



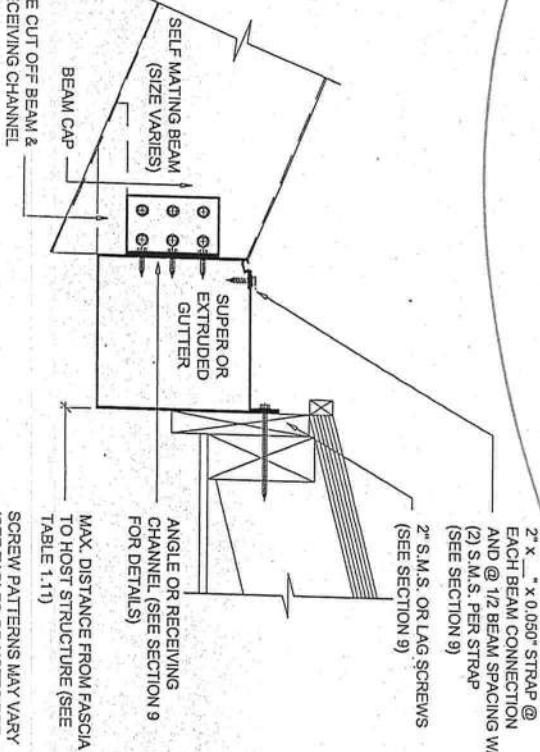
ISOMETRIC VIEW
SCALE: N.T.S.



OUTER MITER DETAIL FOR SUPER OR EXTRUDED GUTTER TO CARRIER BEAM
SCALE: 2" = 1'-0"



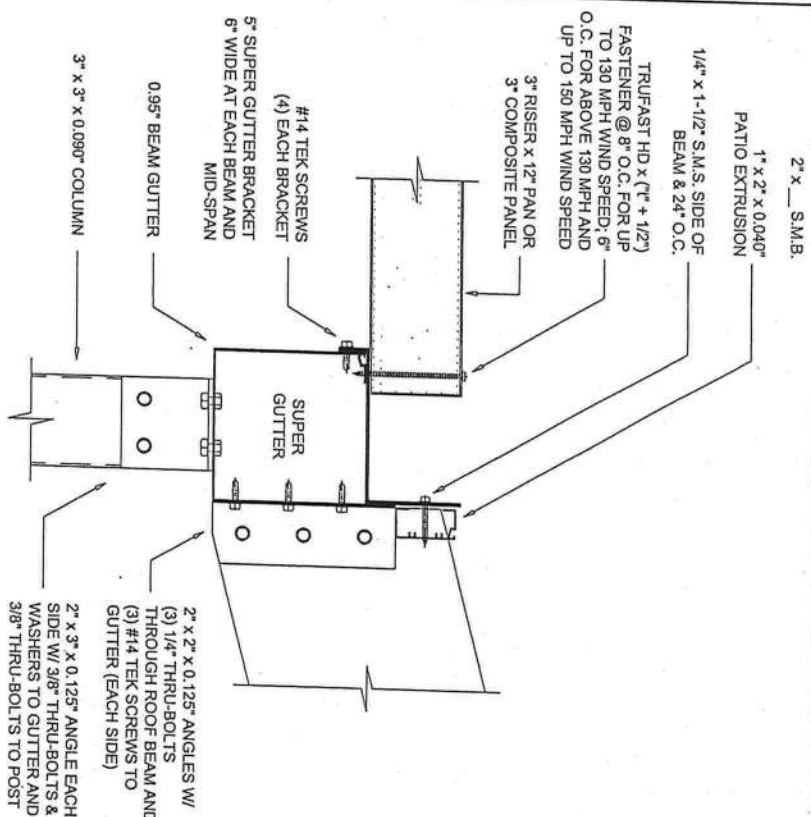
STRAP LOCATION FOR SUPER OR EXTRUDED GUTTER REINFORCEMENT
SCALE: 1/4" = 1'-0"



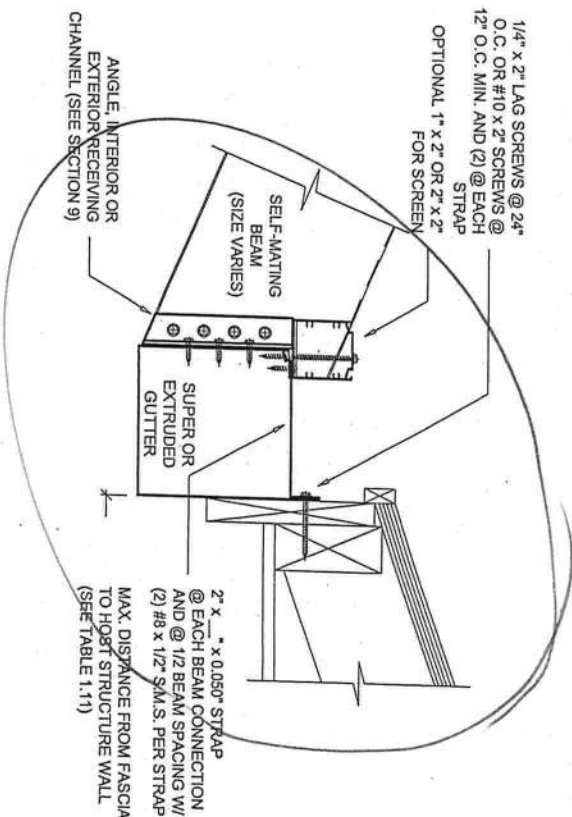
SELF MATING BEAM CONNECTION TO SUPER OR EXTRUDED GUTTER
SCALE: 2" = 1'-0"

LATERAL BEAM BRACING DETAILS (FOR SPANS GREATER THAN 40'-0")
NOTES:
1. REQUIRED FOR SPANS GREATER THAN 40' AND ALL DOME OR TRANSVERSE GABLE ENCLOSURES.
2. ALL 2x4 AND LARGER PURLINS SHALL HAVE AN INTERNAL OR EXTERNAL CLIP OR SCREW BOSS TO FASTEN THE BOTTOM OF THE PURLIN TO THE BEAM OR SCREW BOSS.

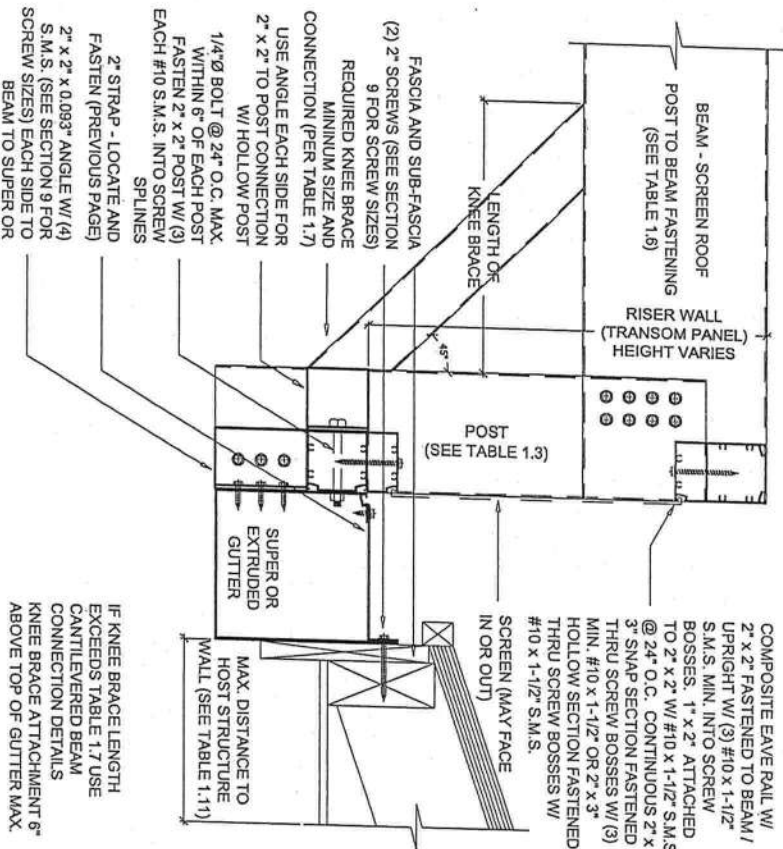
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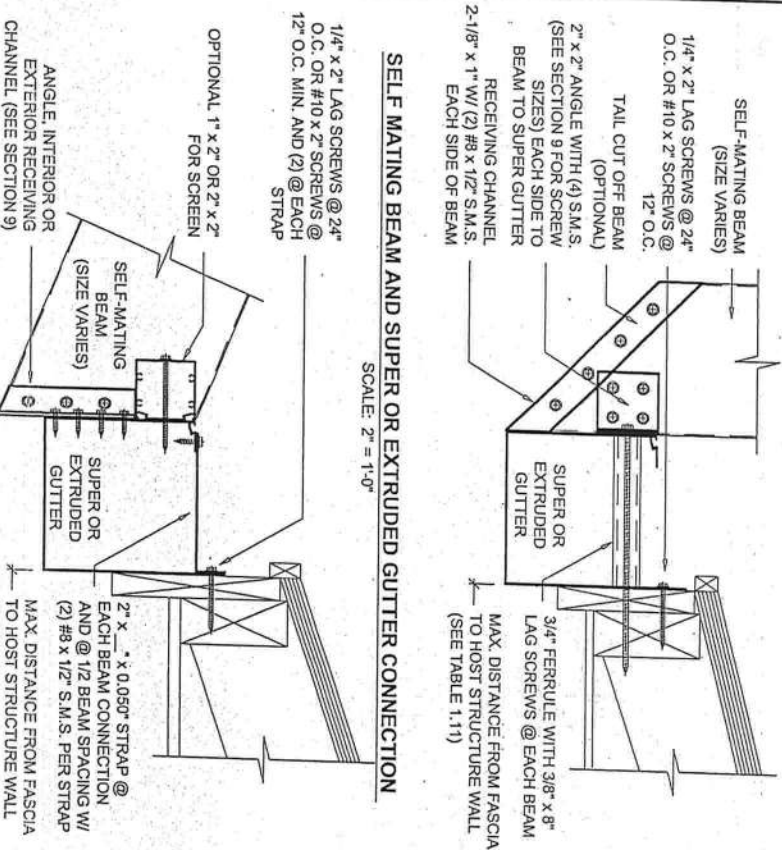
ALTERNATE SELF-MATING BEAM CONNECTION TO SUPER GUTTER
SCALE: 2" = 1'-0"



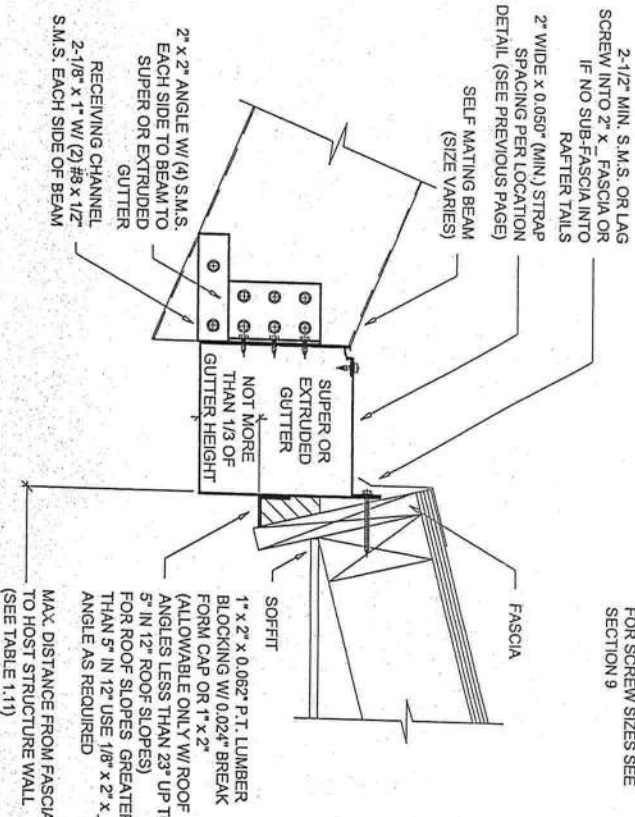
TYPICAL SELF-MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION
SCALE: 2" = 1'-0"



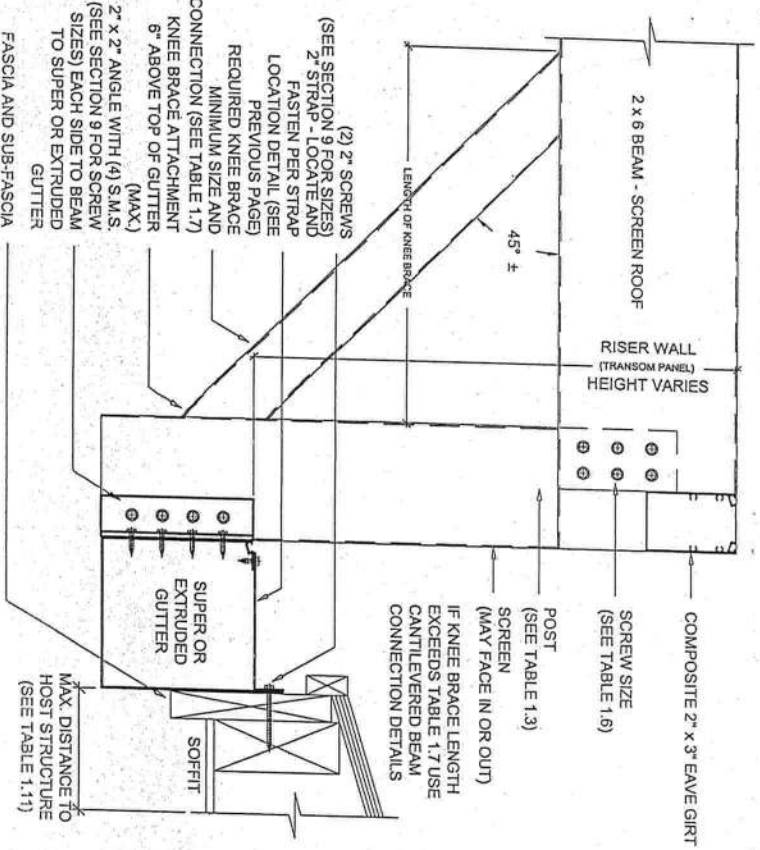
SUPER OR EXTRUDED GUTTER RISER (OR TRANSOM) WALL AT FASCIA - DETAIL 1
SCALE: 2" = 1'-0"



ALTERNATE SELF-MATING BEAM CONNECTION TO SUPER GUTTER
SCALE: 2" = 1'-0"

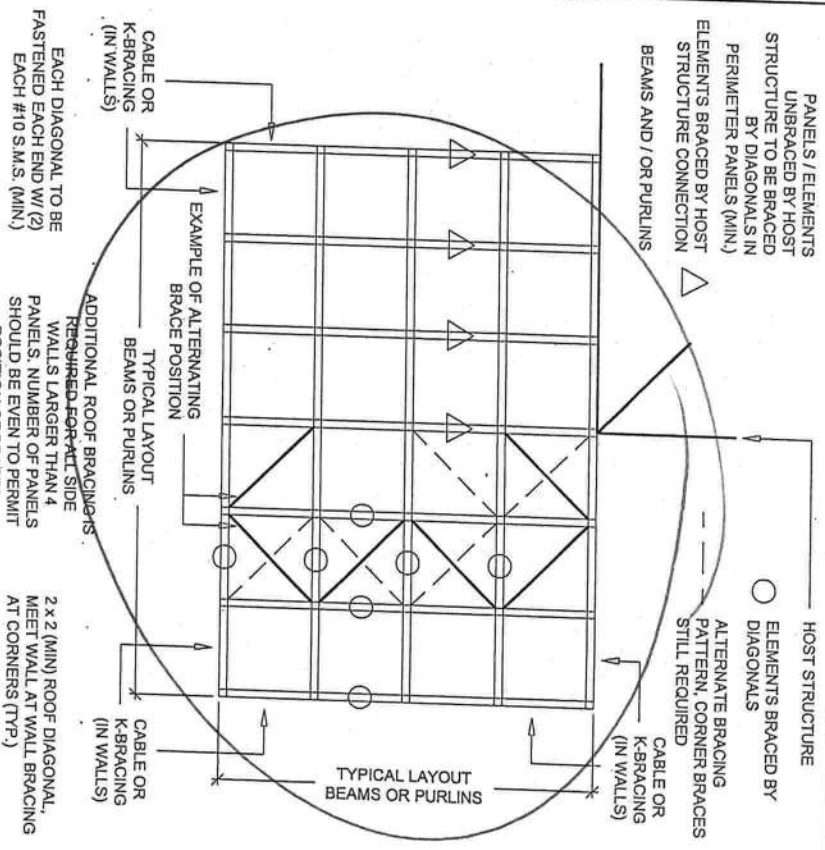


TYPICAL SELF-MATING BEAM AND SUPER OR EXTRUDED GUTTER CONNECTION
SCALE: 2" = 1'-0"



SUPER OR EXTRUDED GUTTER RISER (OR TRANSOM) WALL AT FASCIA - DETAIL 2
SCALE: 2" = 1'-0"

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CABLE BRACING

General Notes and Specifications:

1) The following shall apply to the installation of cables as additional bracing to DIAGONAL bracing for pool enclosures:

a) FRONT WALL CABLES - 7 x 19 STAINLESS STEEL

CABLE DIAMETER	TOTAL ALLOWABLE WALL AREA *
3/32"	233 Sq. Ft. / PAIR OF CABLES
1/8"	445 Sq. Ft. / PAIR OF CABLES

* TOTAL WALL AREA = 100% OF FRONT WALL + 50% OF ONE SIDE WALL

EXAMPLE: FRONT WALL AREA @ 100% (8' x 32') = 256 Sq. Ft.
SIDE WALL AREA @ 50% (8' x 20') = 80 Sq. Ft.
TOTAL WALL AREA = 336 Sq. Ft.

233 Sq. Ft. x 2 sets = 466 Sq. Ft. > 336 Sq. Ft., thus two sets of 3/32" cables is required.

b) SIDE WALL CABLES - 7 x 19 STAINLESS STEEL

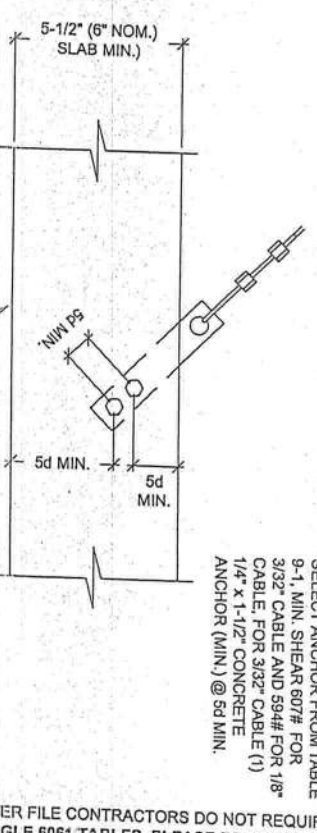
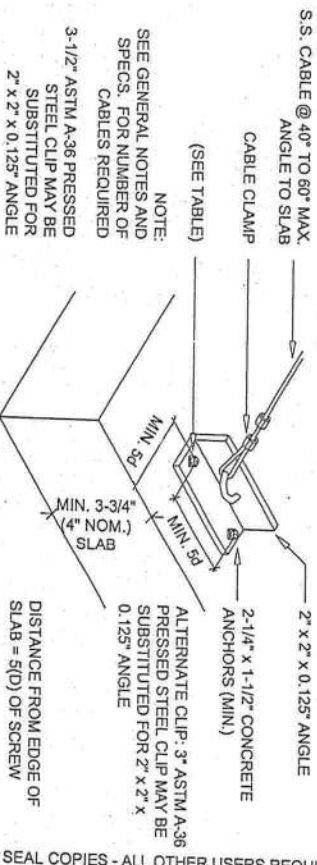
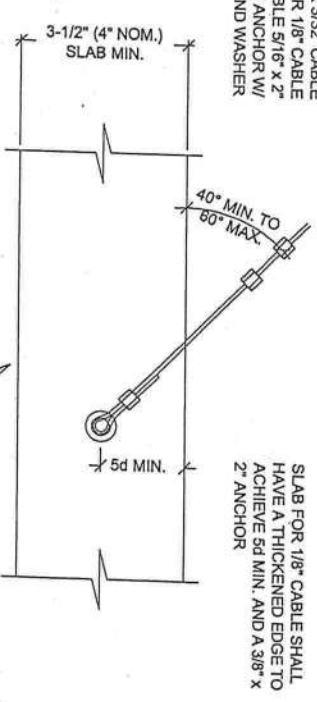
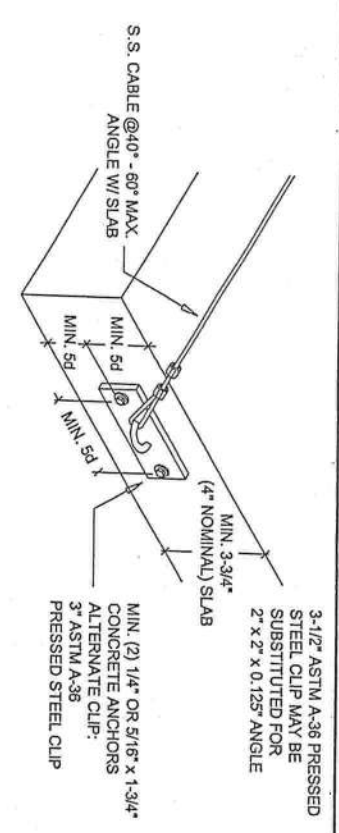
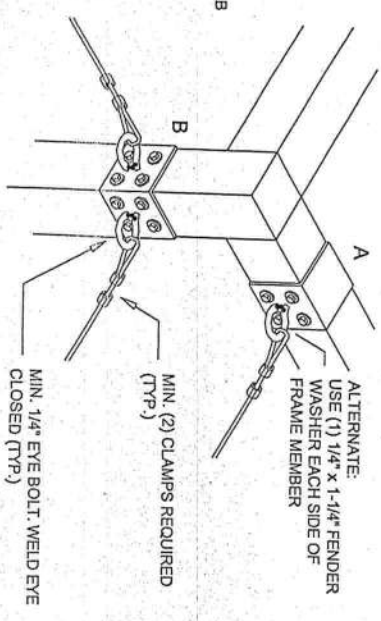
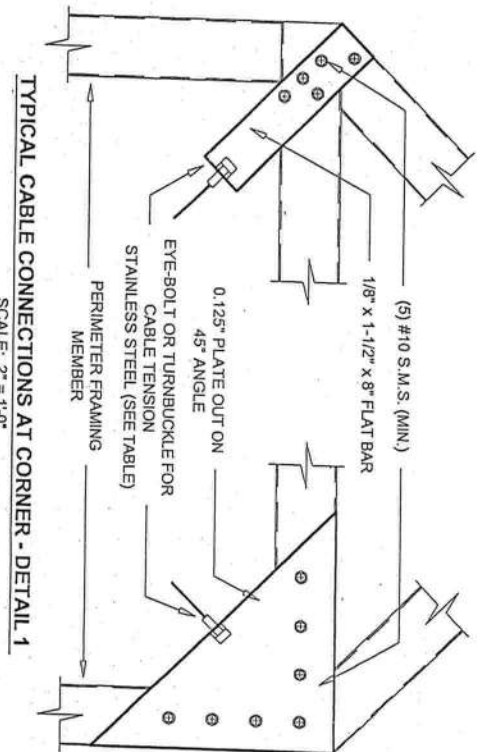
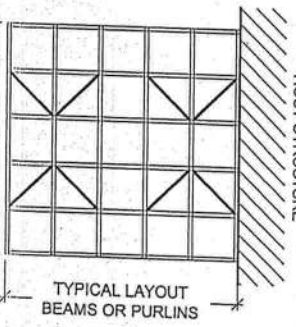
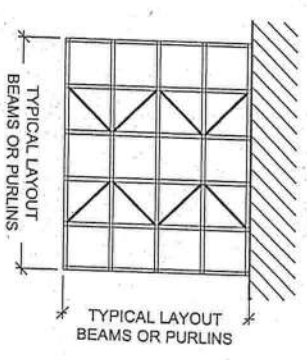
CABLE DIAMETER	SIDE WALL CABLE **
3/32"	ONE PER 233 Sq. Ft. OF WALL
1/8"	ONE PER 445 Sq. Ft. OF WALL

** SIDE WALL CABLES ARE NOT REQUIRED FOR SIDE WALLS LESS THAN 233 Sq. Ft.

c) To calculate the required pair of cables for free standing pool enclosures use 100% of each wall area & 50% of the area of one adjacent wall.

NOTES:

- Where wall height is such that a girt is required between the top or eave rail and the chair rail, (i.e. a mid-rise girt), then the front wall shall have two cable pairs and they shall be attached to the top rail and the mid-rise rail. If more than one additional front wall cable pair is required between the top or eave rail and the chair rail, then there shall be an additional front wall cable pair at that girt also.
- Side walls do not require cables until the side wall area is greater than 233 Sq. Ft. The side wall cable may be attached at the mid-rise girt or the top rail.
- Standard rounding of rules apply, i.e. if the number of cables calculated is less than 2.5 pairs use two cables, if the number of cables calculated is 2.5 pairs or greater use 3 pairs of cables.
- Additional roof bracing is required for all side walls larger than 4 panels. Number of panels shall be even and position shall be alternating.



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