DATE MARCH 12, 2007 Columbia County Building Peri	nit PERMIT
This Permit Expires One Year From the Date of Iss	sue 0000 25609
ANUR MALLIMEN	4 284-25 44
ADDRESS 4127 US HIGHWAY 17 SOUTH, GREEN COVE SPRINGS, FL 32 OWNER SCOTT & NEWA COLLING PHONE	043
SCOIL & MENA CONDING	
ADDRESS 406 NW OLD MILL DRIVE, LAKE CITY, FL 32055 CONTRACTOR AAA RE-SCREENS ENCLOSURES PHONE 904	284-2544
CONTRACTOR AAA RE-SCREENS ENCLOSURES PHONE 904 LOCATION OF PROPERTY LAKE JEFFREY RD, TR ON OLD MILL DRIVE, 1ST L	
LOCATION OF PROPERTY LAKE SEFFRET RD, IX ON OUR HIM DATAB, 151 2	<u> </u>
TYPE DEVELOPMENT SCREEN ENCLOSURES ESTIMATED COST OF CONST	RUCTION 25,050.00
HEATED FLOOR AREA TOTAL AREA	HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH	FLOOR
LAND USE & ZONING RSF-2 MAX. HE	CIGHT
Minimum Set Back Requirments: STREET-FRONT 25 REAR1	5 SIDE
NO. EX.D.U. FLOOD ZONE N/A DEVELOPMENT PERMIT	NO
PARCEL ID 26-3S-16-02305-001 SUBDIVISION	
LOT BLOCK PHASE UNIT TOTAL A	CRES
GDG1051070	W. WAns
Culvert Permit No. Culvert Waiver Contractor's License Number	rcant/Owner/Contractor
EXISTING X07-093 BK JE	
Driveway Connection Septic Tank Number LU & Zoning checked by Approve	d for Issuance New Resident
COMMENTS:	
	eck # or Cash 6895
FOR BUILDING & ZONING DEPARTMENT OF	(footer/Slab)
Temporary Fower	date app by
date/app. by	54 · · · · · ·
Under slab rough-in plumbing date/app. by Slab date/app. by	Sheathing/Nailing date/app. by
Framing Rough-in plumbing above slab and below wood floor	or
date/app. by	date/app. by
	beam (Lintel) date/app. by
date/app. by date/app. by	ulvert
Permanent power C.O. Final date/app. by	date/app. by
M/H tie downs, blocking, electricity and plumbing	Pool
Reconnection Pump pole Utility Pole	date/app. by
date/app. by date/app. by	date/app. by
M/H Pole Travel Trailer date/app. by date/app. by	Re-roof date/app. by
dato app. 5)	
BUILDING PERMIT FEE \$ 125.25 CERTIFICATION FEE \$ S	URCHARGE FEE \$
MISC. FEES \$ ZONING CERT. FEE \$ 50 FIRE FEE \$	WASTE FEE S
FLOOD ZONE DEVELOPMENT FEE \$ CULYERT FEE \$ TO	OTAL FEE 175.25
INSPECTORS OFFICE Ale 18 CLERKS OFFICE	CH
THE OF THE PERSON OF THE PERSON OF THE PERSON OF A PRINCIPAL AND PERSON OF THE PERSON	ICTIONS APPLICABLE TO THIS

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.

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

	4/2006	Colu This	Permit Exp					P] 00	0024864
APPLICANT	TOM BU					PHONE	352-332-7665		
ADDRESS	3601	NW 97TH BI	LVD		GAINES	VILLE		FL	32606
OWNER	SCOTT &	NENA COLLI	NS			PHONE	961-9051		
ADDRESS	406	NW OLD MI	LL DRIVE		LAKE C	ITY		FL	32055
CONTRACTO	OR DO	UGLASS SMIT	Н			PHONE	352-332-7665		
LOCATION C	OF PROPER		KE JEFFREY F		OLD MILL DR	LIVE, PAVEM	IENT ENDS,		
TYPE DEVEI	OPMENT	SWIMMIN			ESTIMATED	COST OF CO	NSTRUCTION	500	55.00
			.01002			0001 01 00			·
HEATED FLO	JOK AREA			TOTAL A	AREA		HEIGHT _		STORIES
FOUNDATIO	N		WALLS		ROOF PITC	Н	FI	LOOR _	
LAND USE &	ZONING	RSF-2				MAX	. HEIGHT	35	-
Minimum Set	Back Requi	rments: ST	REET-FRONT	25	.00	REAR	15.00	SIDE	10.00
NO. EX.D.U.	1	_ FLOOD Z	ONE <u>NA</u>		DEVELO	PMENT PERI	MIT NO.		
PARCEL ID	26-3S-16-	-02305-001		SUBDIVI	SION				
LOT	BLOCK	PH	ASE .00	UNIT	0	TOTA	AL ACRES		
Culvert Permit	No.	Culvert Waiver)44114 r's License 1	 Number		Applicant/Owner	/Contract	or
Culvert Permit	No.	Culvert Waiver			Number		Applicant/Owner	/Contract	or N
			Contractor	r's License l	Number	J			
EXISTING	nection	X06-0265 Septic Tank N	Contractor	r's License l		J	H		N
EXISTING Driveway Com	nection	X06-0265 Septic Tank N	Contractor	r's License l		J	H roved for Issuand	ce N	N
EXISTING Driveway Cons	nection	X06-0265 Septic Tank N FILE	Contractor	r's License I CS LU & Z	oning checked l	<u>J</u> l by App	H roved for Issuance Check # or C	ce N	New Resident
EXISTING Driveway Cont COMMENTS:	NOC ON	X06-0265 Septic Tank N FILE	Contractor	r's License I CS LU & Z	oning checked l	<u>J</u> l by App	H roved for Issuance Check # or C	ash 3	New Resident
EXISTING Driveway Cons	NOC ON	X06-0265 Septic Tank N FILE	Contractor	r's License I CS LU & Z	oning checked l	by App ARTMENT	H roved for Issuance Check # or C	ash 33	N rew Resident
EXISTING Driveway Cont COMMENTS: Temporary Pov	NOC ON	X06-0265 Septic Tank N FILE FO date/app. by	Contractor	r's License I CS LU & Z G & ZOI ndation	NING DEPA	by App ARTMENT	Check # or C ONLY Monolithic	dash 35	N rew Resident
EXISTING Driveway Cont COMMENTS:	NOC ON	X06-0265 Septic Tank N FILE FO date/app. by	Contractor umber R BUILDIN Four	r's License I CS LU & Z	NING DEPA	by App ARTMENT	H roved for Issuand Check # or C	dash 35	N rew Resident 5329 (footer/Slab) te/app. by
EXISTING Driveway Cont COMMENTS: Temporary Por Under slab rou	NOC ON	X06-0265 Septic Tank N FILE FO date/app. by	Contractor umber R BUILDIN Four	r's License l CS LU & Z G & ZOI ndation Sla	NING DEPA date/app. b date/	by App ARTMENT by app. by	Check # or C ONLY Monolithic Sheathing	dash 35	N rew Resident
EXISTING Driveway Cont COMMENTS: Temporary Pov	NOC ON	X06-0265 Septic Tank N FILE FO date/app. by	Contractor umber R BUILDIN Four	r's License l CS LU & Z G & ZOI ndation Sla	NING DEPA	by App ARTMENT by app. by	Check # or C ONLY Monolithic Sheathing	dash 3:	N rew Resident 5329 (footer/Slab) te/app. by date/app. by
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EXISTING Driveway Conf COMMENTS: Temporary Pov Under slab rou Framing	NOC ON Wer gh-in plumb	X06-0265 Septic Tank N FILE FO date/app. by	R BUILDIN Four	G & ZOI ndation Sla -in plumbin	NING DEPA date/app. b date/	by App ARTMENT by app. by d below wood	Check # or C ONLY Monolithic Sheathing	dash 3:	N rew Resident 5329 (footer/Slab) te/app. by date/app. by
EXISTING Driveway Conf COMMENTS: Temporary Pov Under slab rou Framing	werdate/ap	FILE FO date/app. by bing pp. by date/app. by	R BUILDIN Four	G & ZOI ndation Sla -in plumbin	oning checked l	by App ARTMENT by app. by d below wood	Check # or C ONLY Monolithic Sheathing	dash 33	N rew Resident 5329 (footer/Slab) te/app. by date/app. by date/app. by
EXISTING Driveway Control COMMENTS: Temporary Por Under slab rou Framing Electrical roug Permanent pow	werdate/apgh-in	FO date/app. by date/app. by date/app. by date/app. by	Contractor umber R BUILDIN Four date/app. by Rough-	G & ZOI ndation Sla -in plumbin	oning checked l	by App ARTMENT by app. by d below wood	Check # or C ONLY Monolithic Sheathing I floor Peri. beam (Linte	dash 33	N rew Resident 5329 (footer/Slab) te/app. by date/app. by
EXISTING Driveway Control COMMENTS: Temporary Por Under slab rou Framing Electrical roug Permanent pow	werdate/apgh-in	FILE FO date/app. by bing pp. by date/app. by	Contractor umber R BUILDIN Four date/app. by Rough-	G & ZOI ndation Sla -in plumbin & Air Duct	date/app. by	by App ARTMENT by app. by d below wood	Check # or C ONLY Monolithic Sheathing I floor Peri. beam (Linte	dash 33 Adam Ada	N rew Resident 5329 (footer/Slab) te/app. by date/app. by date/app. by
EXISTING Driveway Com COMMENTS: Temporary Pov Under slab rou Framing Electrical roug Permanent pow	werdate/apgh-in	FO date/app. by date/app. by date/app. by date/app. by	Contractor umber R BUILDIN Four date/app. by Rough- Heat & C.O. umbing	G & ZOI ndation Sla -in plumbin & Air Duct	date/app date/app date/app	by App ARTMENT by app. by d below wood	Check # or C ONLY Monolithic Sheathing I floor Peri. beam (Linte Culvert Pool	dash 33 Adam Ada	N rew Resident 5329 (footer/Slab) te/app. by date/app. by date/app. by
EXISTING Driveway Conn COMMENTS: Temporary Pov Under slab rou Framing Electrical roug Permanent pow M/H tie downs, Reconnection	mection NOC ON wer gh-in plumb date/ap gh-in /er da blocking, e	FO date/app. by date/app. by date/app. by date/app. by	Contractor umber R BUILDIN Four date/app. by Rough Heat & C.O. umbing Pum	G & ZOI ndation Sla -in plumbin & Air Duct Final date np pole	date/app. by	by App ARTMENT by app. by d below wood p. by	Check # or C ONLY Monolithic Sheathing I floor Peri. beam (Linte Culvert Pool de date/app. b	date/s	N rew Resident 5329 (footer/Slab) te/app. by date/app. by date/app. by
EXISTING Driveway Const COMMENTS: Temporary Pow Under slab rou Framing Electrical roug Permanent pow M/H tie downs, Reconnection M/H Pole	mection NOC ON wer gh-in plumb date/ap gh-in /er da blocking, e	FO date/app. by ing date/app. by date/app. by dete/app. by	Contractor umber R BUILDIN Four date/app. by Rough- Heat & C.O. umbing	G & ZOI ndation Sla -in plumbin & Air Duct Final date np pole	date/app. by date/app. by date/app. by	by App ARTMENT by Tapp. by d below wood p. by	Check # or C ONLY Monolithic Sheathing I floor Peri. beam (Linte Culvert Pool Pool	date/s	N rew Resident 5329 (footer/Slab) te/app. by date/app. by date/app. by date/app. by

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__ FLOOD ZONE FEE \$ __

FLOOD DEVELOPMENT FEE \$ _

INSPECTORS OFFICE

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CLERKS OFFICE

_____ CULVERT FEE \$ ______ TOTAL FEE 255.00

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	y Building Permit PERMIT
This Permit Expires One APPLICANT BRYAN ZECHER	Year From the Date of Issue 000020545 PHONE 752-8653
ADDRESS 0 P.O. BOX 815	LAKE CITY FL 32056
OWNER SCOTT & NENA COLLINS	PHONE 1E 32030
ADDRESS 406 NW OLD MILL DRIVE	LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER	PHONE
	COUNTY CLUB LAKES, PAVEMENT ENDS,
1ST LOT ON RIGHT	COONT CLOB LAKES, TAVENENT ENDS,
	ESTIMATED COST OF CONSTRUCTION 244300.00
HEATED FLOOR AREA 4886.00 TOTAL A	
FOUNDATION CONC WALLS BLOCK	ROOF PITCH 8/12 FLOOR SLAB
LAND USE & ZONING RSF-2	MAX. HEIGHT 32
Minimum Set Back Requirments: STREET-FRONT 25.	00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE Z-A	DEVELOPMENT PERMIT NO.
PARCEL ID 26-3S-16-02305-001 SUBDIVIS	SION
LOT BLOCK PHASE .00 UNIT	
BLOCK FRASE STORY	0 TOTAL ACRES 4.20
CBC054575	
Culvert Permit No. Culvert Waiver Contractor's License N	Number Applicant/Owner/Contractor
<u>PERMIT</u> <u>06-0384-N</u> <u>HD</u>	Y
Driveway Connection Septic Tank Number LU & Zo	oning checked by Approved for Issuance New Resident
COMMENTS: 2 FT ABOVE DIRT ROAD,CK #1982, NOC ON FIL	JE
APPLIED FOR WAIVER 02/22/2006.	
	Check # or Cash .00
FOR BUILDING & ZON	IING DEPARTMENT ONLY (footer/Slab)
Temporary Power 11/03/2003 RJ Foundation 05/	707/2003 HD Monolithic
date/app. by	date/app. by
Under slab rough-in plumbing 06/00/0000 HD Slab	
Framing date/app. by	date/app. by date/app. by
date/app. by	g above slab and below wood floor $\frac{10/13/2004}{\text{date/app. by}}$ RK
Electrical rough-in 10/13/2004 RK Heat & Air Duct	
date/app. by	date/app. by date/app. by
Permanent power $05/05/2006$ HD C.O. Final $07/28$ date/app. by	
M/H tie downs, blocking, electricity and plumbing	date/app. by date/app. by
	App. by date/app. by
Reconnection Pump pole date/app. by	Utility Pole
M/H Pole Travel Trailer	ate/app. by date/app. by Re-roof
date/app. by	date/app. by date/app. by
BUILDING PERMIT FEE \$ 1225.00 CERTIFICATION 1	FEE \$40.17
	10.17
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 25.	00 FIRE FEE \$ 11.84 WASTE FEE \$ 24.50
FLOOD DEVELOPMENT FEE \$ 0.00 FLOOD ZONE FEE \$ 0	00 CHIVERTEES TOTAL DEED 1266 69

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elc# 6895

Columbia County Building Permit Application

Revised 9-23-04

	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
For Office Use Only Application # 0 70 2-63 A Date	Received 2/22/07By LH Permit # 25609
Application Approved by - Zoning Official Date	e28,03.07 Plans Examiner OK JTH Date 2-26-07
Flood Zone Development Permit Zonii	ng RSF-2 Land Use Plan Map Category RES. Low Devi
Comments	
100 MEE	ded - lekler of Auth.
Applicants Name AAA Ro-Screens + Enc	
Jor Address 406 NW Old Mill Tr	(051/25/1/2010 (904) 284-2544
Owners Name Scott + Nena Collins	The City 1-6 52055
911 Address 406 NW DID Mill 1	Latte City F1 32055
Contractors Name AAA Ro-Screens & Sac	
Address 4127 US Hwy 17 South/	(2500 Carlos Et 3200)
Fee Simple Owner Name & Address 59M as	2 (12 C) (12 C) (12 C) (12 C
Bonding Co. Name & Address	OWNE
Architect/Engineer Name & Address	45
Mortgage Lenders Name & Address	
Circle the correct power company - FL Power & Light - Cla	IV Flec - Suwannee Valley Flee - Breamain Francis
Property ID Number 30-35-001	Fstimated Cost of Construction 1 5 5 5 50
Subdivision Name Old 1/1://	×26
Driving Directions from 1-75 Go exst	Lot Block Unit Phase
on Will take Jaffon BO Take	
The state of the s	2 Right on NW DIMIN
Type of Construction Alminus Franced Rod Exclosion	Name to the same t
Total Acreage 4/19 Lot size Developed to 01/1	number of Existing Dwellings on Property
Total Acreage 409 Lot Size Do you need a - <u>Culv</u> Actual Distance of Structure from Property Lines - Front	Veri Permit or Culvert Waiver or Have an Existing Drive
Total Building Height Number of Stories	leated Floor Area Roof Pitch
Application is hereby made to obtain a permit to do work and in installation has commenced prior to the issuance of a permit an all laws regulating construction in this jurisdiction.	nstallations as indicated. I certify that no work or and that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing info	rmation is possessed and all and to the
and regulating construction	i and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE TWICE FOR IMPROVEMENTS TO YOUR PROPERTY IF YOU BE	OF COMMENCMENT MAY RESULT IN YOU PAYING
TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INT LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE (ENIL TO CIETAIN CINIA NOMA ACMOUNT TO CONTRACT TO THE
	or commencement.
Owner Builder or Agent (Including Contractor)	wy
	Contractor Signature Contractors License Number_CRC1251370
STATE OF FLORIDA COUNTY OF COLUMBIA	Competency Card NumberNOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me	ACIANI SIAWIF/SEAL
this 22 day of Jehran 2007	March Harder Susannah Dilli
Personally known or Produced Identification	Notary Signature Susannah Dibble Commission # DD354614
/ \	Expires: APRIL 16, 2007
	Atlantic Bending Co., Inc.

Design Check List for Pool Enclosures (page 1 of 2)

4	Docion	Cintomont
· I .	Design	Statement

These plans have been designed in accordance with the Aluminum Structures Design Manual by Lawrence E. Bennett and are in compliance with the Florida Building Code, 2001 Edition, Chapter 20; Exposure 'B'___ or 'C' <u>K</u>; Open Building; Importance Factor 0.77; Negative I.P.C. 0.00; 150 MPH Roof Load & 120 MPH ort D MPH Wall Load, 3 second gust velocity load; Design pressures are 10 PSF for roofs & 14 PSF or 14 PSF for walls.

Notes: Wind velocity zones and exposure category is determined by local code. Minimum design load of 10 PSF for all roof loads prevents any conversion of roof loads. Design pressures and conversion multipliers are on page 1-ii.

2. Host Structure Adequacy Statement:

I certify that I have inspected the host structure and it is in good repair and attachments made to the

structure will be solid.	_
Contractor Hame (please print) Phone (904) 284-2544	
Contractor Name (please print) Date: 2/21/07 Contractor Signature	
Note: If the total of beam span & upright height exceeds 55' or upright height exceeds 20', site specific engineering is required.	
3. Building Permit Application Package contains the following: Yes N	lo
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	ů.
D. Notice of consumer rights attached and initialed by consumer	_
E. Enclosure layout drawing @ 1/8" or 1/10" scale with the following:	
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: All mansard wall drawings shall include mansard panel at the top of the	
wall	_
(i.e. 2" x 8" x 0.072" x 0.224")	
4. Upright location (show in plan & elevation view) & size	_
(i.e. 2" x 8" x 0.072" x 0.224")	_
Upright & wall member allowable height / span conversions from 120 MPH wind zone, 'B' Exposure to 120 MPH wind zone and/or 'C' Exposure for load width :	-
Look up span on 120 MPH table and apply the following formula:	
Span / Height ——— Required Converted @ 120 MPH Span	d
(b or d) x (b or d) x (b or d) =	
Wind Zone Multiplier * Exposure Multiplier *	
* Appropriate multiplier from page 1-ii.	
5. Chair rail & girt size, length, & spacing (i.e. 2" x 2" x 0.044" x 7'-0" @ 6'-0" O.C.)	
6. Eave rail size, length, spacing and stitching of (i.e. 1" x 2" to 2" x 2" x 7'-0" @ 6'-10" O.C.)	_
7. Enclosure roof diagonal bracing in plan view	_
8. Knee braces length, location, & size	
FILE COPY × 3" × 0.045" for 2" × 8" × 0.072" × 0.224" SMB)	



Design Check List for Pool Enclosures (page 3 of 3)

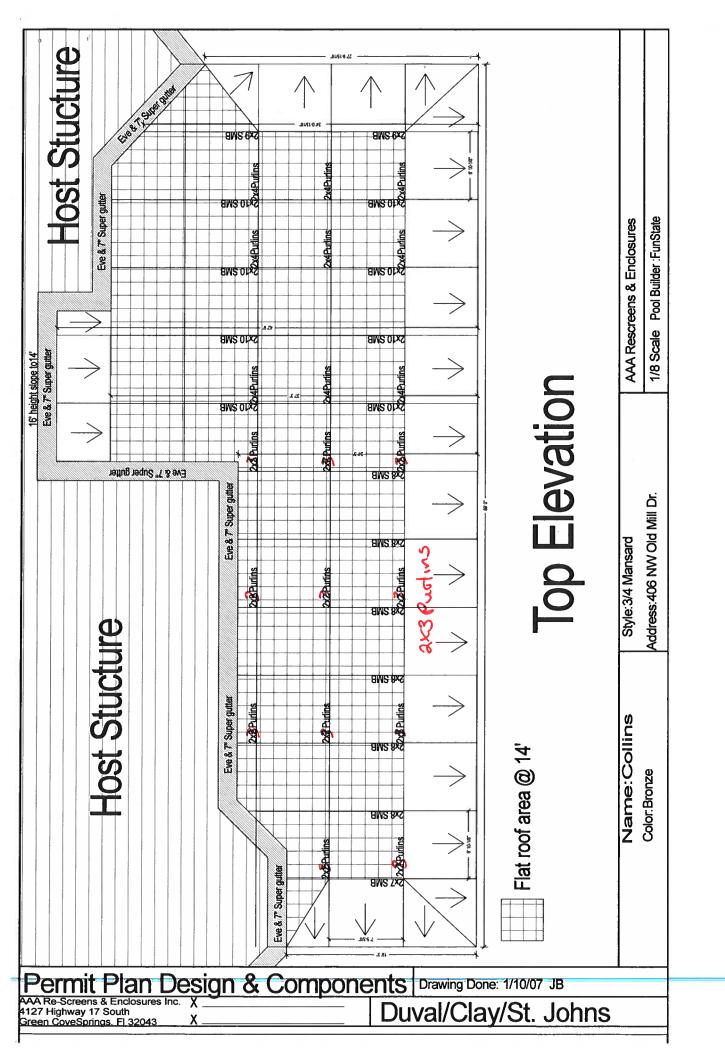
Example 3: Mansard Roof

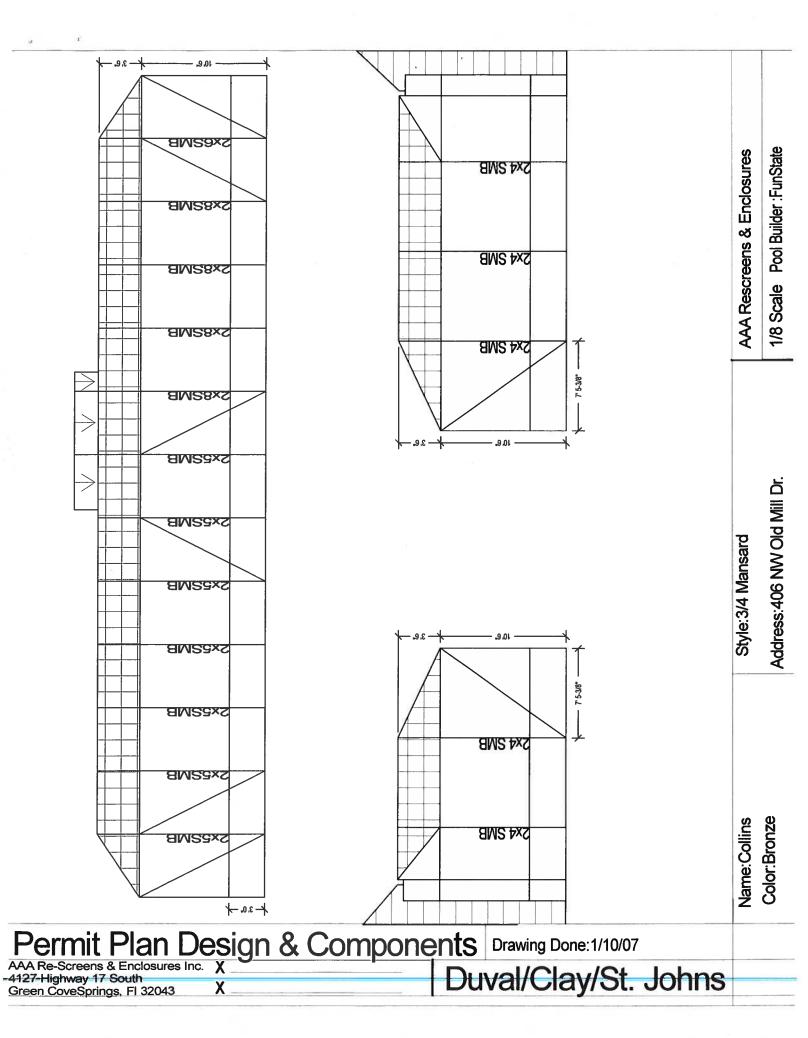
Front wall @ eave:
$$\frac{89}{W}$$
 ft. x $\frac{10}{H}$ ft. = $\frac{690}{H}$ ft. 2 @ 100 % = $\frac{890}{H}$ ft. 2 $\frac{100}{H}$ ft. x $\frac{1}{2}$ ft. x $\frac{1}{2}$ ft. x $\frac{1}{2}$ ft. x $\frac{1}{2}$ ft. + $\frac{99}{W}$ ft. + $\frac{99}{W}$ ft. + $\frac{99}{W}$ ft. 2 @ 100 % = $\frac{397}{H}$ ft. 2 $\frac{399}{H}$ ft. x $\frac{10}{W}$ = $\frac{970}{H}$ ft. 2 $\frac{9}{W}$ ft. x $\frac{10}{W}$ = $\frac{970}{H}$ ft. x $\frac{1}{2}$ ft. $\frac{9}{W}$ ft. x $\frac{1}{2}$ ft. x $\frac{1}{2}$ ft. $\frac{9}{W}$ ft. x $\frac{1}{2}$ ft. x

Example 4: Dome Roof

Front dome wall @ eave:ft. xft. =ft. @ 100 % =	ft.²
Front dome rise*:ft. x 1/2(ft.) =ft.² @ 100 % =	ft.²
Largest side wall: H =ft.² @ 50 % =	ft.²
Largest side dome riseft. xft. =ft.² @ 50 % =	ft.²
Total area / (2/33 ft.² / cable for 3/32") =cable pairs	ft.²
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)	CONTRACTOR OF THE STATE OF THE
Side wall area / (445 ft.² / cable for 1/8") =cable(s)	

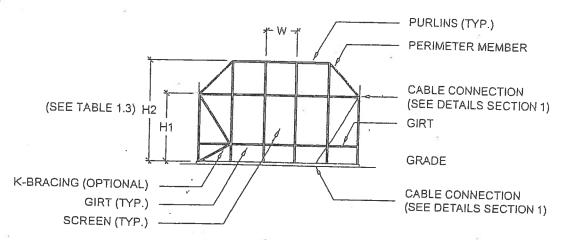
Notes:





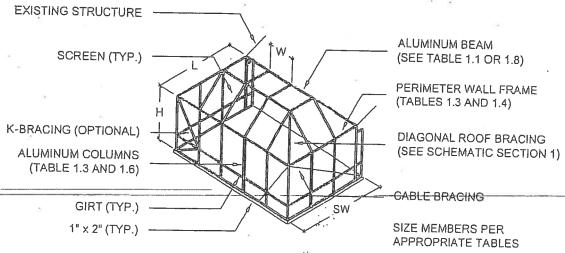
SECTION 1

SCREENED ENCLOSURES



NOTE: USE H2 FOR CABLE AREA CALCULATION TYPICAL MANSARD ROOF - ELEVATION

SCALE: N.T.S.



TYPICAL MANSARD ROOF - ISOMETRIC

SCALE: N.T.S.

CONNECTION DETAILS AND NOTES ARE FOUND IN THE SUBSEQUENT PAGES.

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

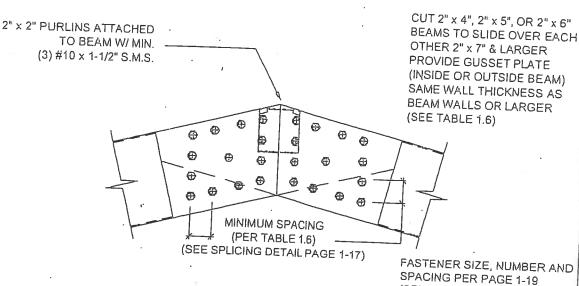
CIVIL ENGINEER - DEVELOPMENT CONSULTANT P.O. BOX 214368, SOUTH DAYTONA, FL 32121 TELEPHONE: (386) 767-4774 FAX: (386) 767-6556

PAGE

© COPYRIGHT 2004

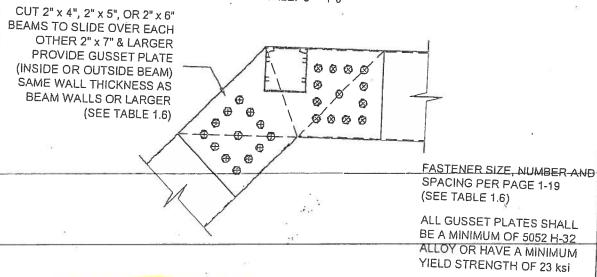
1-2

SECTION 1



TYPICAL SIDE PLATE CONNECTION DETAIL

SCALE: 3" = 1'-0"



TYPICAL SIDE PLATE CONNECTION DETAIL - MANSARD ROOF

"SCALE: 3" = 1'-0"

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

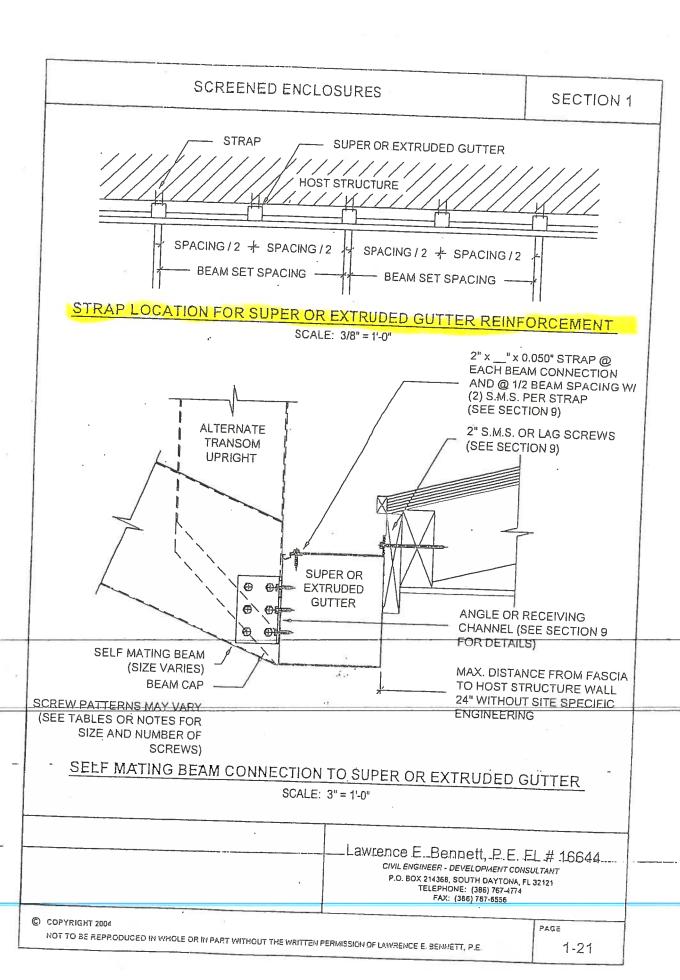
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P.O. BOX 214368, SOUTH DAYTONA, FL 32121
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FAX: (386) 767-6556

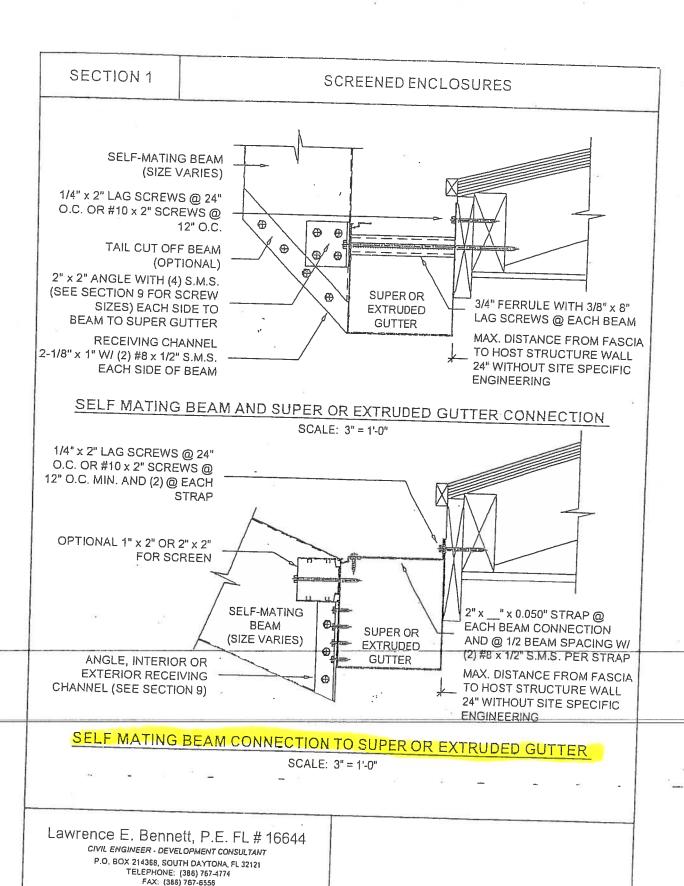
(SEE TABLE 1.6)

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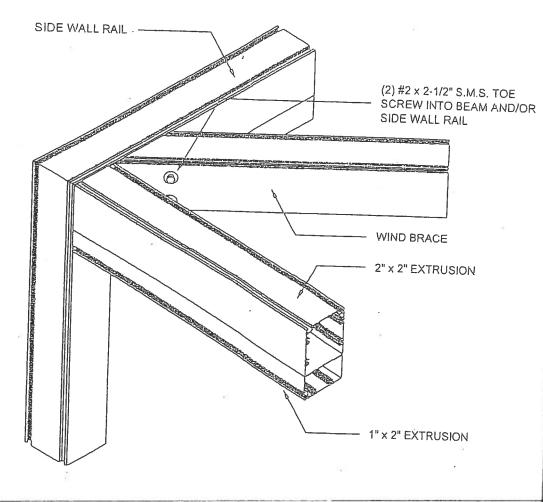
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SECTION 1

SCREENED ENCLOSURES



WIND BRACE CONNECTION DETAIL SCALE: 3" = 1'-0"

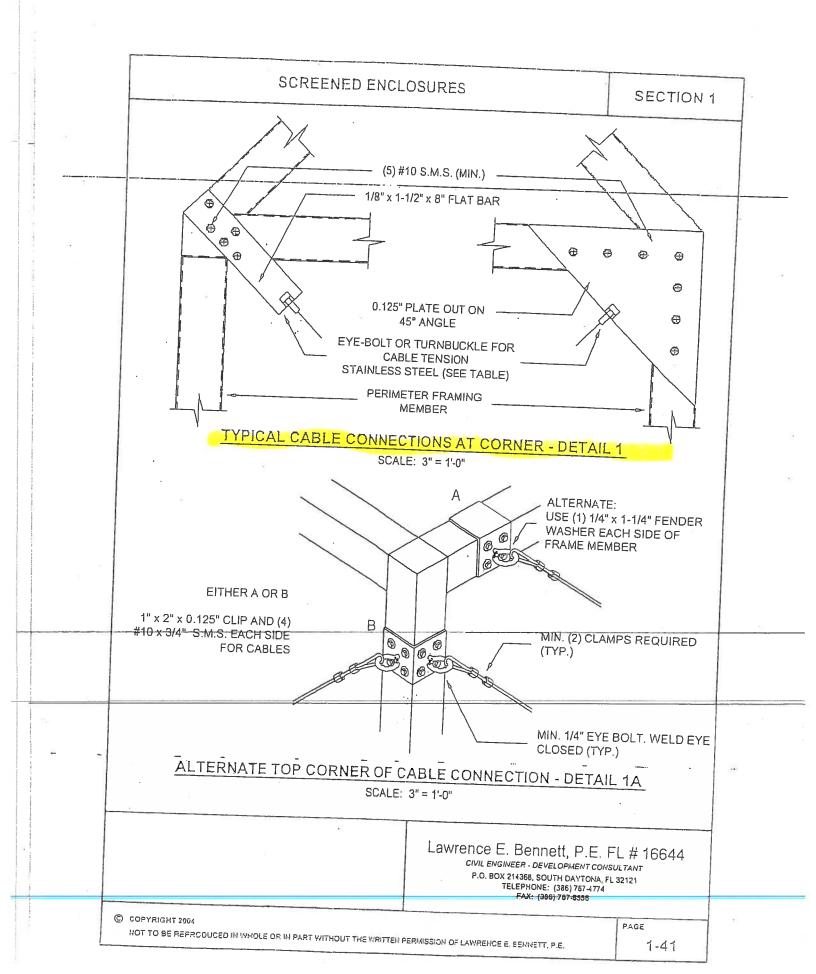
1. Wind bracing shall be provided at each side wall panel when enclosure projects more than (4) panels from host structure.

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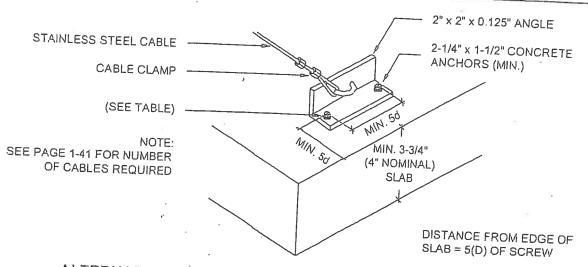
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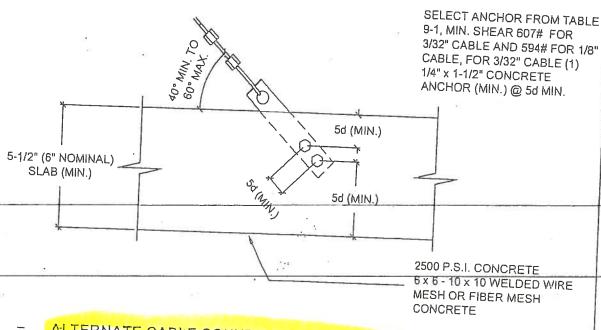
1-36



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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PAGE

SCREENED ENCLOSURES SECTION 1 PURLINS ANCHORED WI CLIPS OR #10 SCREWS THROUGH PURLINS INTO SCREW BOSSES ⊕ ⊕ 0 0 0 1 ⊕ ⊕ GIRTS ANCHORED W/ CLIPS OR THROUGH #10 SCREWS INTO SCREW BOSSES FRONT AND SIDE BOTTOM RAILS ATTACHED TO CONCRETE W/ 1/4" x 2-1/4" CONCRETE / MASONRY ANCHORS @ 6" FROM EACH 1" x 2" OR 1" x 3" POST AND 24" O.C. MAX. AND WALLS MIN. 1" FROM EDGE OF CONCRETE

PURLIN & CHAIR RAIL DETAIL

SCALE: 3" = 1'-0"

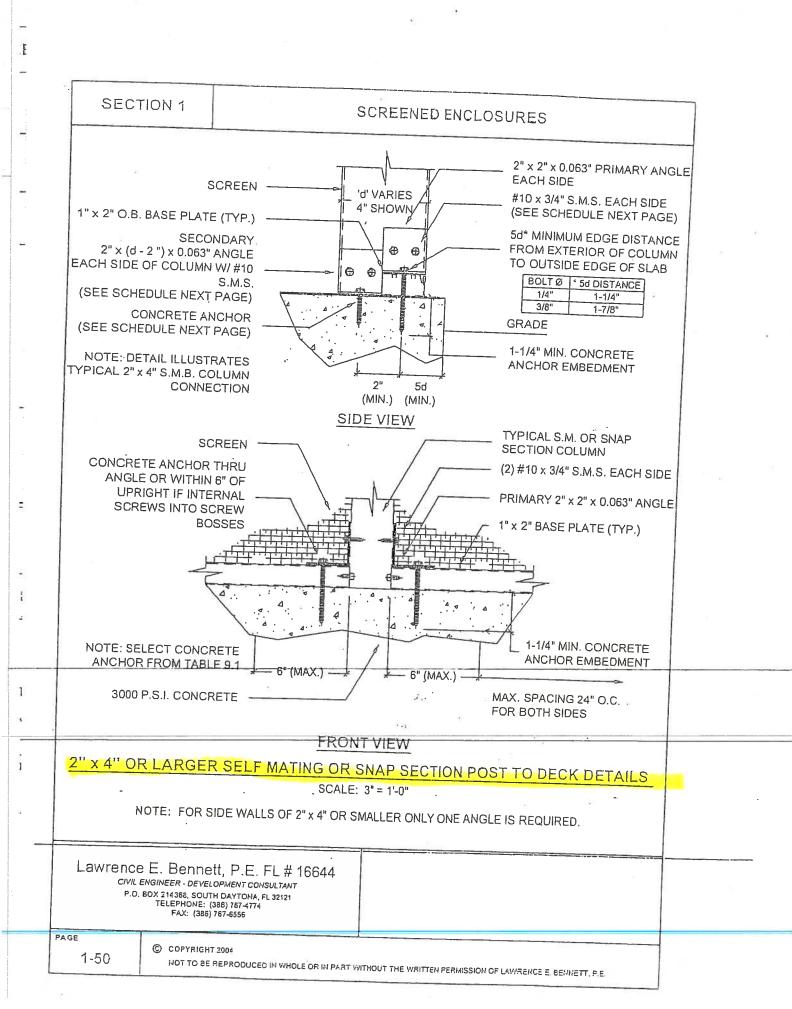
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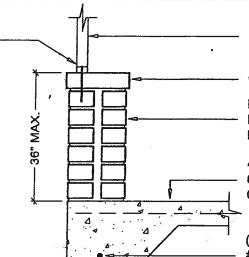
PAGE



SECTION 1

1/4" x 6" RAWL TAPPER THROUGH 1" x 2" AND ROWLOCK INTO FIRST COURSE OF BRICKS

ALTERNATE CONNECTION OF SCREENED ENCLOSURE FOR BRICK OR OTHER NON-STRUCTURAL KNEE WALL 1" WIDE x 0.063" THICK STRAP @ EACH POST FROM POST TO FOOTING W/ (2) #10 x 3/4" S.M.S. STRAP TO POST AND (1) 1/4" x 1-3/4" CONCRETE ANCHOR TO SLAB OR FOOTING



ALUMINUM FRAME SCREEN WALL

CAP BRICK

BRICK KNEEWALL TYPE 'S' MORTAR REQUIRED FOR LOAD BEARING BRICK WALL

4" (NOMINAL) PATIO CONCRETE SLAB (SEE NOTES CONCERNING FIBER MESH)

(3) #3Ø BARS OR (1) #5Ø BAR W/ 2-1/2" COVER (TYP.)

BRICK KNEEWALL AND FOUNDATION FOR SCREEN WALLS

SCALE: 3/4" = 1'-0" (1) #5 BAR CONT. #3 BAR CONT. OR #3 BAR CONT. OR #5 BAR CONT. 3-1/2" (TYP. 2'-0" MIN. ALL SLABS) **BEFORE SLOPE** TYPE I TYPE II TYPE III FLAT SLOPE / NO FOOTING MODERATE SLOPE FOOTING STEEP SLOPE FOOTING 0-2" / 12" 2" / 12" - 1'-10" > 1'-10"

Notes for all foundation types:

- 1. No footing required except when addressing erosion until the slab width in the direction of the primary exceeds 32 ft., then a Type II footing is required under the load bearing wall only unless the side wall exceeds 16 ft. in height or the enclosure is in a "C" exposure catagory in which case a Type II footing is required for all walls.
- The foundations shown are based on a minimum soil bearing pressure of 1,500 PSF. Bearing capacity of soil shall be verified, using a pocket penetrometer, field soil test, or by a soil testing lab, to be above 1,500 PSF prior to placing the slab.
- 3. The slab / foundation shall be cleared of debris and roots and compacted prior to placement of concrete.
- 4. Monolithic slabs and footings shall be minimum 2,500 psi concrete with 6 x 6 10 x 10 welded wire mesh or crack control fiber mesh: Fibermesh ® Mesh, InForce™ e3™ (Formerly Fibermesh MD) per maufacturer's specification may be used in lieu of wire mesh.
- 5. If local building codes require a minimum footing, use Type II footing or footing sections required by local code. Local code governs.

SLAB-FOOTING DETAILS

SCALE: 3/4" = 1'-0"

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PAGE

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	Ţrlbutary Load Width 'W' = Beam Spacing														
	3'-0"		4'-0'		5'-0"		6'-0"		7'-0"		8'-0"		9'-0	11	
			Al	low	able Spa	an 'I	L' / bend	Ing	'b' or de	flec	tion 'd'				
2" x 2" x 0.044"	9'-10"	b	8'-7"	Ь	7'-8"	ь	6'-11"	h	6'-6"	b	6'-1"	ь	5'-8"		
2" x 2" x 0.055"	10'-9"	p.	9'-4"	b	8'-4"	ь	7'-7"	b	7'-1"	- h	6'-7"	- b	5'-3"	_ <u>D</u>	
2" x 3" x 0.045"	13'-4"	Ь	11'-7"	b	10'-4"	ь	9'-5"	ь	8'-9"	b.	8'-2"	<u> </u>	7'-8"	_ <u>p</u>	
2" x 4" x 0.050"	14'-8"	ь	12'-8"	ь	11'-4"	h	10'-4"	뉴	9'-7"	Ь	8'-11"	-	8'-5"	D	

		_													
	Tributary Load Width 'W' = Beam Spacing														
Self Mating Sections	3'-0'	3'-0"				5'-0"		6'-0"			8'-0'		9'-0	11	
	Allowable Span 'L' / bending 'b' or deflection 'd'														
2" x 4" x 0.044 x 0.100"	19'-11"	b	17'-4"	Ь	15'-6"	ь	14'-2"	ь	13'-1"	ь	12'-3"	Ь	11'-6"		
2" x 5" x 0.050" x 0.100"	24'-9"	Ь	21'-5"	Ь	19'-2"	Ь	17'-6"	Ь	16'-2"	b	15'-2"	ъ	14'-3"	b	
2" x 6" x 0.050" x 0.120"	28'-7"	ь	24'-9"	Ь	22'-2"	b	20'-3"	ь	18'-9"	ь	17'-6"	ь	16'-6"	_ <u>-</u>	
2" x 7" x 0.055" x 0.120" 2" x 7" x 0.055" w/ insert	32'-3"	ь	27'-11"	ь	24'-11"	Ь	22'-9"	Ь	21'-1"	Ь	19'-9"	b	18'-7"	ь	
2" x 8" x 0.072" x 0.224"	42'-10"		37'-1"	ь	33'-2"	ь		Ь	28'-1"	Ь	26'-3"	Ь	24'-9"	ь	
2" x 9" x 0.072" x 0.224"	41'-7"	b	36'-1"	ь	32'-3"	b	29'-5"	Ь	27'-3"	Ь	25'-6"	Ь	24'-0"	Ь	
2" × 9" × 0.082" × 0.310"	49'-6"	ь	39'-1" 42'-11"	D	34'-11"	b	31'-11"	Ь	29'-6"	Ь	27'-8"	Ь	26'-1"	Ь	
2" × 10" × 0.092" × 0.369"	59'-6"	b	51'-7"	h	46'-1"	0	35'-0"	D	32'-5"	Ы	30'-4"	Ь	28'-7"	ь	
X 0.000	1 00-0		21-1		40-1	U	42'-1"	D	38'-11"	Ы	36'-5"	Ы	34'-4"	Ь	

	Tributary Load Width 'W' = Beam Spacing '														
Snap Sections	3'-0"		4'-0"	4'-0"		5'-0"		6'-0"		•	8'-0"		9'-0'	ı	
	Allowable Span 'L' / bending 'b' or deflection 'd'														
2" x 2" x 0.044"	11'-9"	Ъ	10'-2"	ь	9'-1"	Ь	8'-4"	b	7'-8"	h	7'-2"	h	6'-9"		
2" x 3" x 0.045"	15'-1"	b	13'-1"	b	11'-8"	Ь	10'-8"	b.	9'-10"	h	9'-3"	-	8'-8"		
2" x 4" x 0.045"	18'-5"	ь	15'-11"	Ь	14'-3"	ь	13'-0"	ь	12'-1"	h	11'-3"	- b	10'-8"	_ <u>D</u>	
2" x 6" x 0.062"	31'-3"	Ь	27'-1"	Ь	24'-2"	ь	22'-1"	ь	20'-5"	Ь	19'-2"	-	18'-0"	믄	
2" x 7" x 0.062"	34'-9"	ь	30'-1"	ь	26'-11"	Ь	24'-7"	ь	22'-9"	ᆔ	21'-3"	ь	20'-1"	b	

- 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 pullin 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"

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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.*

											17 m / St	4. 11.				
11.11		Tributary Load Width W' = Upright Spacing														
Hollow Sections	3'-0'	4'-0"		5'-0"		6'-0"		7'-0"		8'-0"		9'-0'	,,			
28 - 28 - 2 - 1 - 1			A	llow	able He	ight	'H' / ben	din	g 'b' or	defla	ection 'd	,	3 -0			
2" x 2" x 0.044"	8'-4"	þ	7'-3"	b	6'-6"	b	5'-11"	Ь	5'-6"	Ь	5'-1"		41.400			
2" x 2" x 0.055"	9'-1"	Ь	7'-11"	Ь	7'-1"	ь	6'-5"	h.	5'-11"	- 5	5'-7"	_D	4'-10"	Ь		
2" x 3" x 0.045"	11'-3"	Ь	9'-9"	Ь	8'-9"	ь	7'-11"	h	7'-5"	-	6'-11"	븬	5'-3"	_b		
2" x 4" x 0.050"	12'-5"	ь	10'-9"	b	9'-7"	h	8'-9"	h	R'-1"	븬			6'-6"	ь		
				_					0-1	0	7'-7"	ЬΙ	7'-2"	h.		

												_		
	Tributary Load Width 'W' = Upright Spacing													
Self Mating Sections	3'-0'	4'-0'	4'-0"		5'-0"		6'-0"		,	8'-0"		9'-0'		
70. 11. 2.2.11	Allowable Height 'H' / bending 'b' or deflection 'd'													
2" × 4" × 0.044 × 0.100"	16'-11"		14'-8"	b	13'-1"	Ь	11'-11"	Ь	11'-1"	b	10'-4"	<u> </u>	9'-9"	
2" × 5" × 0.050" × 0.100" 2" × 6" × 0.050" × 0.120"	20'-11"	ь	18'-1"	b	16'-2"	ь	14'-9"	b	13'-8"	ь	12'-10"	<u>ь</u>	12'-1"	믄
2"×7"× 0.055"× 0.120"	24'-2"	_Ь	20'-11"	Ь	18'-9"	Ь	17'-1"	Ь	15'-10"	Ь	14'-10"		13'-11"	- <u>-</u> -
2" x 7" x 0.055" w/ insert	27'-3"	ь	23'-7"	b	21'-1"	b	19'-3"	b	17'-10"	ь	16'-8"	Ь	15'-9"	-
2" × 8" × 0.072" × 0.224"	36'-3"	ь	31'-4"	Ь	28'-1"	Ь	25'-7"	b	23'-9"	Ь	22'-2"	ь	20'-11"	Б
2" × 9" × 0.072" × 0.224"	38'-2"	ь	30'-6"	D	27'-3"	ь		b	23'-0"	b	21'-6"	ь	20'-4"	ь
2" x 9" x 0.082" x 0.310"	41'-10"	ь	36'-3"	Ь	29'-6" 32'-5"	<u> </u>	26'-11"	Ы	24'-11"	Ь	23'-4"	Ь	22'-0"	ь
2" x 10" x 0.092" x 0.369"	50'-4"	Ы	43'-7"	p		뭐	29'-7"	Ь	27'-5"	ь	25'-8"	Ь	24'-2"	b
	1 00 4		43-7	U	38'-11"	미	35'-7"	Ы	32'-11"	Ы	30'-10"	Ы	29'-1"	Ы

		Tributary Load Width W'= Upright Spacing												
Snap Sections	3'-0	11	4'-0'	_	5'-0'		6'-0"		7'-0'		8'-0'	_	9'-0'	-
			A	llow	able He	ight	'H' / ben	ıdln	o 'b' or i	defl	ection 'd		1 3-0	
2" x 2" x 0.044"	9'-11"	ь	8'-7"	ь	7'-8"	b	7'-0"	Ь	6'-6"	<u> </u>		-	T	_
2" x 3" x 0.045"	12'-9"	b	11'-0"	h	9'-10"	- b	9'-0"	-		-0	6'-1"	_b	5'-9"	ь
2" x 4" x 0.045"	15'-7"		13'-6"	-	-			_0	B'-4"	ь	7'-10"	Ь	7'-4"	ь
2" x 6" x 0.062"		- D		D.	12'-1"	ь	11'-0"	ь	10'-2"	ь	9'-7"	Ь	8'-11"	Ъ
	26'-5"	b	22'-10"	ь	20'-5"	b	18'-8"	ь	17'-3"	ь	16'-2"	Ь	15'-3"	근
2" x 7" x 0.062"	29'-5"	Ь	25'-5"	ь	22'-9"	ь	20'-9"	7	19'-3"	-		-		
F 11		-						01	10-0	0	17'-11"	h.	16'-11"	- Ь

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.

- 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.
- 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 CATAGORY AND/OR WINDZONES OTHER THAN 120 MPH ARE REQUIRED, SEE EXAMPLE ON SPECIFICATION PAGE FOR TABLES AT THE BEGINNING OF THIS SECTION.

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Minimum Upright Sizes and Number of Screws for Connection of Roof Beams to Wall Uprights or Beam Splicing

Beam	Upright	Minimum Purlin, Girt		Notes	Minimu	ım Number of	Screws*	Beam Stitching
Size	Size	& Knee Brace Size**	Anchors		#8 x 1/3"	#10 x 1/3"	#12 x 1/3"	Screw @ 24" O.C
2" x 3"	2" x 3"	2" x 2" x 0.044"	2	Full Lap	6	4	4	301211 @ 24 O.C
2" x 4"	2" x 3"	2" x 2" x 0.044"	. 2	Full Lap	3	6	4	#8
2" x 4"	2" x 4"	2" x 2" x 0.044"	2	Full Lap	8 .	6		#10
2" x 5"	2" x 3"	2" x 2" x 0.044"	2	Full Lap	8	6	4	#8
2" x 6"	2" x 3"	2" x 2" x 0.044"	4	Full Lap	10	8	6	#10
2" x 6"	2" x 4"	2" x 2" x 0.044"	4	Partial Lap	10	8	6	#10
2" x 7"	2" x 4"	2" x 2" x 0.044"	4	Partial Lap	14	12	10	
2" x 8"	2" x 5"	2" x 3" x 0.044"	6	Partial Lap	16	14	12	#12
2" x 9"	2" x 6"	2" x 3" x 0.045"	6	Partial Lep	18	16	14	#14
2" x 9"**	2" x 7"	2" x 4" x 0.050"	8	Partial Lap	20	18	16	#14
2" x 10"	2" x 8"	2" x 4" x 0.050"		Partial Lap	20	18	16	#14 #14

Screw Size	Minimum Distance and	Gusset Plate Thickness		
	Edge To Center	Center To Center	Beam Size	
#8	5/16"	5/8"	2" x 7" x 0.055" x 0.120"	Thickness 1/16" = 0.063"
#10	3/8"	3/4"	2" x 8" x 0.072" x 0.224"	1/8" = 0.125"
#12	1/2"	1"	2" x 9" x 0.072" x 0.224"	1/8" = 0.125"
#14 or 1/4"	3/4"	1-1/2"	2" x 9" x 0.082" x 0306"	1/8" = 0.125"
5/16"	7/8"	1-3/4"	2" x 10" x 0.092" x 0.369"	1/4" = 0.25"
3/8"	1"	2"	7 0.005 X 0.005	174 - 0.25

Refers to each side of the connection of the beam and upright and each side of splice connection.

** 0.082" wall thickness, 0.310" flange thickness

1. Connection of 2" \times 6" to 2" \times 3" shall use a full lap cut or 1/16" gusset plate.

2. All gusset plates shall be a minimum of 5052 H-32 Alloy or have a minimum yield strength of 23 ksi.

3. For beam splice connections the number of screws shown is the total for each splice with 1/2 the screws on each side of the cut.

4. The number of screws is based on the maximum allowable moment of the beam.

5. The number of deck anchors is based on RAWL R Tapper allowable load data for 2,500 psi concrete and / or equal anchors may be used. The number shown is the total use 1/2 per side.

6. Hollow splice connections can be made provided the connection is approved by the engineer.

7. If a larger then minimum upright is used the number of screws is the same for each splice with 1/2 the screws on each side of the

 All beam to upright connections for 2" x 7" beams or larger shall have an internal or external gussel plates. Gusset plates are required for mansard or gable splice connections.

9. For gusset plate connections 2" x 9" beams or larger use 3/4" long screws.

10. The side wall upright shall have a minimum beam size as shown above, ie., a 2" x 4" upright shall have a 2" x 3" beam.

11. Connect beam to upright w/ H-bar, gusset plate, or angle clips for each splice with 1/2 the screws on each side of the cut.

12. For girt size use upright size (i.e. 2" x 6"). Read the 2" x 6" beam row for min. girt of 2" x 2" x 0.044".

Table 1.7

Minimum Size Screen Enclosure Knee Braces and Anchoring Required Aluminum 6063 T-6

	Brace Length	Extrusion	: Anchoring System
L	0' - 2'-0"	2" x 2" x 0.044"	2" H-Channel With (3) #10 x 1/2" EACH SIDE
1	To 3'-0"	2" x 3" x 0.045"	2" H-Channel With (3) #10 x 1/2" EACH SIDE
	To 4'-6"	2" x 4".x 0.044" x 0.12"	2" H-Channel With (4) 3/4" long screws (size to be determined by beam size, see table 9.6)

(See Table 1.6 For Number And Size Of Screws)

Note:

1. For required knee braces greater than 4'-6" contact engineer for specifications and details.

Cantilever beam detail shown on page 1-32 shall be used for host structure attachment when knee brace length exceeds 4'-6".

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AAA Re-Screens & Enclosures, Inc. 4127 U.S. Highway 17 South Green Cove Springs, FL 32043 904-284-2544 Office 904-284-2542 Fax enclosua@bellsouth.net CBC1251370

March 1, 2007

Columbia County Building Department 135 NE Hernando Ave. Lake City, FL 32055

To Whom It May Concern:

I, Wesley P. Matthews, as general contractor and president of AAA Re-Screens & Enclosures, Inc. hereby authorize the following persons to deliver, sign for, pick up, or similarly complete any processes involved in issuing a building permit under my license number:

Susannah Dibble, phone no. 904-422-4891 Dwight Mack Matthews, phone no. 904-994-2771 Kathryn Matthews, phone no. 904-962-3037 Jason Bishop, phone no. 904-859-6027 Daniel Callahan, phone no. 904-662-4672 Sidney Matthews, phone no. 904-422-4417

Sincerely,

Wesley P. Matthews

Contactor/President: AAA Re-Screens & Enclosures, Inc.

The foregoing was acknowledged before me this flay of March, 2007 by Wesley Matthews He is known personally to me.

Notary Public Sus /

Susannah Dibble
Commission # DD354614
Expires: APRIL 16, 2007
Bonded Thru
Atlantic Bonding Co., Inc.

Permit 25609

NOTICE OF COMMENCEMENT

To whom it may concern:

The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with section 713.13 of the Florida Statutes, the following information is stated in this NOTICE OF COMMENCEMENT.

Owners Scott + Jens Co Address 406 NW OL Owner's interest in site of the improvement	Mill Dr Lake City FL 32055
ree Simple I file holder (if other than owr	ner /
Name	For all
Address	Jane-
Contractor AAA Ro-Screens	+ Enclosures Jac.
Address 4/27 U.S. Huy /	7 South Bagen Cove Son ga FL 32043
Surety (if any)	
Address Amount of bond \$	
Name and address of	
Name	ng a loan for the construction of the improvements:
Address	· · · · · · · · · · · · · · · · · · ·
	id at a land
whom notices or other documents may	ida, other than himself, designated by owner upon
Name	be served.
Address_ ///	
In addition to himself, owner designate	s the following person to receive a copy of the
A LIGGIC ES PLOATRED III SECTION	713.06 [2] [b], Florida Statutes. [Fill in at Owner's
Thursday and the second of the	p-J [2]; 1 to had otacutes, [1-111 III at Ownler's
Name	
Address	
THIS SPACE FOR RECORDER'S USE ONLY	Swith C. Collins
	Owner
	2770
	Swom to and subscribed before me this 32
	day of fasher 2007
	1/2 //01
2	Kathing Mais
e	Notary Public
	Commission 9 to 539/91 Commission 8 to 539/91
	AND IS AN ADMINISTRATION TO THE PARTY OF THE
	- Abiar to mas - short guide

12,764. F1000 E T. Mar. RAMO LS YOU MON FD SOUTHWES! COR OF SEFFERY PHASE 1" 304.39. 12/21/1998 12/21/1998 EAST LINE OF FLOOD
120070 0175 B. NO. M. 80 FENCE ENDS FL000 160 + 140' ± 0 <20NE/ "(See Detail) Boat House CONC MON F 383.26 78 ۈپ 1704 (See House Detail) ARC=200.58.7.W
R=230.08.58.7.W
CH=54.06.17.W -Š N 68.40'17"E (PLAI BOOK 5 CERTIFED TO FENCE 1.6' S. ""St Federal Sou" Terry Man С, C. & Neno D. Colin PAGES 39 & 39-A) 2.82 F LET SEST BOX \mathcal{R} CONC. MON. FOUND PLS 3628 1.8 N BAILEY, BISHOP & LANE \prec (TO SEC. L:NE) 761.73 O 406 NW OLD MILL Rd. I \triangleright S 0 PRIVATE RESIDENCE Ç LAKE JEFFERY PHASE 1" S 68.35'46"W 60' ROA 378.47 3NO2 00013 369.14 NW LINE POADWAY 4.09 ROADWAY TWO IF COME BROWN A THE STATE OF THE STATE O ; ; FENCE COR. 0 CONC