

DATE 10/06/2010

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000028915

APPLICANT NADEAN MCINTOSH PHONE 754-8678
ADDRESS 289 NW CORNITH DR LAKE CITY FL 32055
OWNER SUNIL & PRAVINA PATEL PHONE 752-8991
ADDRESS 518 SW WINDSOR DRIVE LAKE CITY FL 32024
CONTRACTOR MICHAEL DELAHOZ PHONE 754-8678
LOCATION OF PROPERTY 90W, TL ON WINDSOR DR, AROUND CURVE, 3RD HOUSE ON RIGHT

TYPE DEVELOPMENT POOL ENCLOSURE ESTIMATED COST OF CONSTRUCTION 25000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT 26.00 STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING PRRD MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE NA DEVELOPMENT PERMIT NO.

PARCEL ID 31-3S-16-02411-110 SUBDIVISION HILLS OF WINDSOR
LOT 10 BLOCK PHASE UNIT 0 TOTAL ACRES 3.04

SCC056689
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING X10-369 BK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident
COMMENTS: NOC ON FILE

Check # or Cash 4002

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 125.00 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 125.00
INSPECTORS OFFICE L. V. CLERKS OFFICE CH

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 # 1009-56 Date Received 9/29/10 By GP Permit # 28915
 Zoning Official BZK Date 05.10.10 Flood Zone N/A Land Use A3 Zoning PRRD
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner T.C. Date 10-1-10
 Comments _____
☒ NOC ☒ 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 N/A accessory structure

Septic Permit No. X10-369 in box CK# 4002 Fax 386-755-1751

Name Authorized Person Signing Permit Robert Maden McIntosh Phone 386-754-8678

Address 289 NW Corinth Dr Lake City, FL 32055

Owners Name Patel, Sunil + Pravina Phone 752-8991

911 Address 518 SW Windsor Dr Lake City, FL

Contractors Name Michael A Delahoy Phone 386-754-8678

Address 927 Hickory St Altamonte Springs, FL 32701

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address _____

Mortgage Lenders Name & Address N/A

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

Property ID Number 31-35-16-02411-110 Estimated Cost of Construction 25,000⁰⁰

Subdivision Name Hills of Windsor Lot 10 Block _____ Unit _____ Phase _____

Driving Directions West 90, Left at Hill of Windsor gate #5422,

Left on SW Windsor Dr, House on right

Number of Existing Dwellings on Property 1

Construction of Pool Enclosure Total Acreage 3.040 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 26'

Actual Distance of Structure from Property Lines - Front 215' Side 186' Side 66' Rear 166'

Number of Stories 2 Heated Floor Area _____ Total Floor Area 6300 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.

Left message
10/5/10

NOTICE OF COMMENCEMENT

Inst. 201012015723 Date: 9/29/2010 Time: 10:50 AM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B:1202 P:449

Tax Parcel Identification Number 31-38-16-02411-110

County Clerk's Office Stamp or Seal

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): Lot 10 Hills of Windsor S/D
a) Street (job) Address: 518 SW Windsor Dr Lake City FL
2. General description of improvements: Pool Enclosure
3. Owner Information
a) Name and address: Patel, Sunil & Praving 518 SW Windsor Dr Lake City, FL
b) Name and address of fee simple titleholder (if other than owner) N/A
c) Interest in property OWNER
4. Contractor Information
a) Name and address: Mike DeHoz 289 NW Corinth Dr Lake City FL
b) Telephone No.: 386-754-8678 Fax No. (Opt.) 386-555-3205
5. Surety Information
a) Name and address: N/A
b) Amount of Bond:
c) Telephone No.: Fax No. (Opt.)
6. Lender
a) Name and address: N/A
b) Phone No.:
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served
a) Name and address:
b) Telephone No.: Fax No. (Opt.)
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes:
a) Name and address: Florida Pool Enclosures Inc 289 NW Corinth Dr Lake City FL
b) Telephone No.: Fax No. (Opt.) 386-555-3205
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOU R 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

SUNIL PATEL
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 29th day of Sept, 20 10, by

AS _____ (type of authority, e.g. officer, trustee, attorney

fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification ☐ Type _____

Notary Signature [Signature] Notary Stamp or Seal:



-AND-

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Signature of Natural Person Signing (in line #10 above.)

Columbia County Property Appraiser

DB Last Updated: 8/5/2010

2009 Tax Roll Year

Parcel: 31-3S-16-02411-110

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

<< Next Lower Parcel

Next Higher Parcel >>

Interactive GIS Map

Print

Owner & Property Info

<< Prev

Search Result: 44 of 49

Next >>

| | | | |
|--|---|--------------|-------|
| Owner's Name | PATEL SUNIL & PRAVINA | | |
| Mailing Address | 802 WHITE AVE LIVE OAK, FL 32064 | | |
| Site Address | 518 SW WINDSOR DR | | |
| Use Desc. (code) | SINGLE FAM (000100) | | |
| Tax District | 3 (County) | Neighborhood | 30316 |
| Land Area | 3.040 ACRES | Market Area | 01 |
| Description | NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. | | |
| LOT 10 HILLS OF WINDSOR S/D. WD 1027-841. WD 1083-2494 | | | |

**Property & Assessment Values**

| | | |
|------------------------------|---|--------------|
| 2009 Certified Values | | |
| Mkt Land Value | cnt: (0) | \$125,000.00 |
| Ag Land Value | cnt: (1) | \$0.00 |
| Building Value | cnt: (0) | \$0.00 |
| XFOB Value | cnt: (0) | \$0.00 |
| Total Appraised Value | | \$125,000.00 |
| Just Value | | \$125,000.00 |
| Class Value | | \$0.00 |
| Assessed Value | | \$125,000.00 |
| Exempt Value | | \$0.00 |
| Total Taxable Value | Cnty: \$125,000 Other: \$125,000 Schl: \$125,000 | |

2010 Working Values**NOTE:**

2010 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)
Sales History
[Show Similar Sales within 1/2 mile](#)

| Sale Date | OR Book/Page | OR Code | Vacant / Improved | Qualified Sale | Sale RCode | Sale Price |
|-----------|---------------------------|---------|-------------------|----------------|------------|--------------|
| 5/2/2006 | 1083/2494 | WD | V | Q | | \$175,000.00 |
| 9/15/2004 | 1027/841 | WD | V | Q | | \$65,000.00 |

Building Characteristics

| Bldg Item | Bldg Desc | Year Blt | Ext. Walls | Heated S.F. | Actual S.F. | Bldg Value |
|--|---------------------|----------|----------------|-------------|-------------|--------------|
| 1 | EXCEPT SFR (000900) | 2009 | CB STUCCO (17) | 5909 | 8054 | \$707,511.00 |
| Note: All S.F. calculations are based on exterior building dimensions. | | | | | | |

Extra Features & Out Buildings

| Code | Desc | Year Blt | Value | Units | Dims | Condition (% Good) |
|------|------------|----------|------------|-------------|-----------|--------------------|
| 0166 | CONC,PAVMT | 2009 | \$9,983.00 | 0003993.000 | 0 x 0 x 0 | (000.00) |

Land Breakdown

| Lnd Code | Desc | Units | Adjustments | Eff Rate | Lnd Value |
|----------|-----------|------------------------|---------------------|--------------|--------------|
| 000100 | SFR (MKT) | 1 LT - (0000003.040AC) | 1.00/1.00/1.00/1.00 | \$125,000.00 | \$125,000.00 |

Columbia County Property Appraiser

DB Last Updated: 8/5/2010

<< Prev

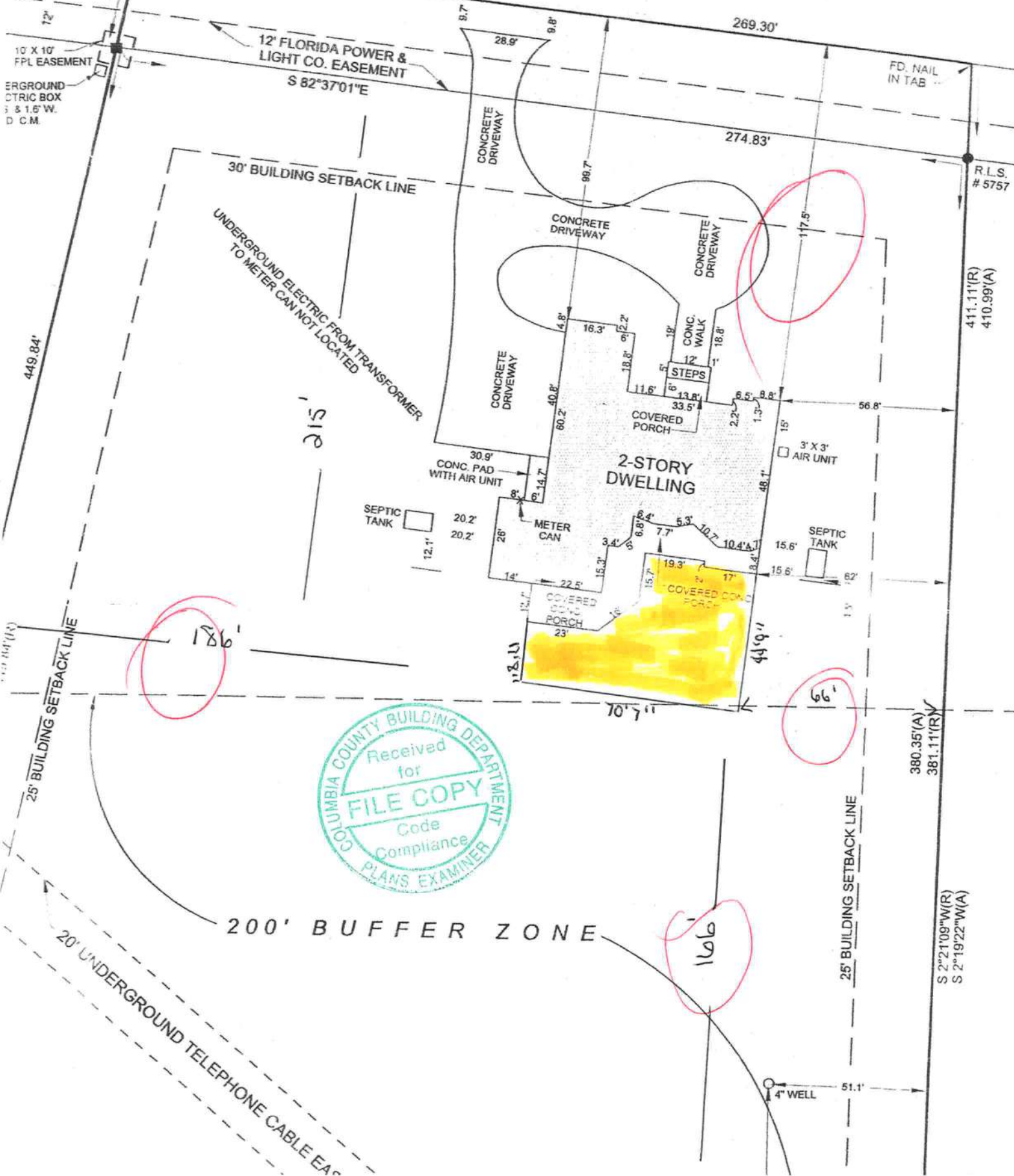
44 of 49

Next >>

DISCLAIMER

This information was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

SW WINDSOR COURT (20' PAVE)
(BASE BEARING)
S 82°37'01"E



Received for
FILE COPY
Code Compliance
PLANS EXAMINER
COLUMBIA COUNTY BUILDING DEPARTMENT

BOUNDARY SURVEY OF

LOT 10, HILLS OF WINDSOR, AS RECORDED IN PLAT BOOK 1, PAGE 1-3 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, SITUATED IN SECTIONS, 30 AND 31, TOWNSHIP 3 SOUTH, RANGE 16 EAST, OF SAID COUNTY.

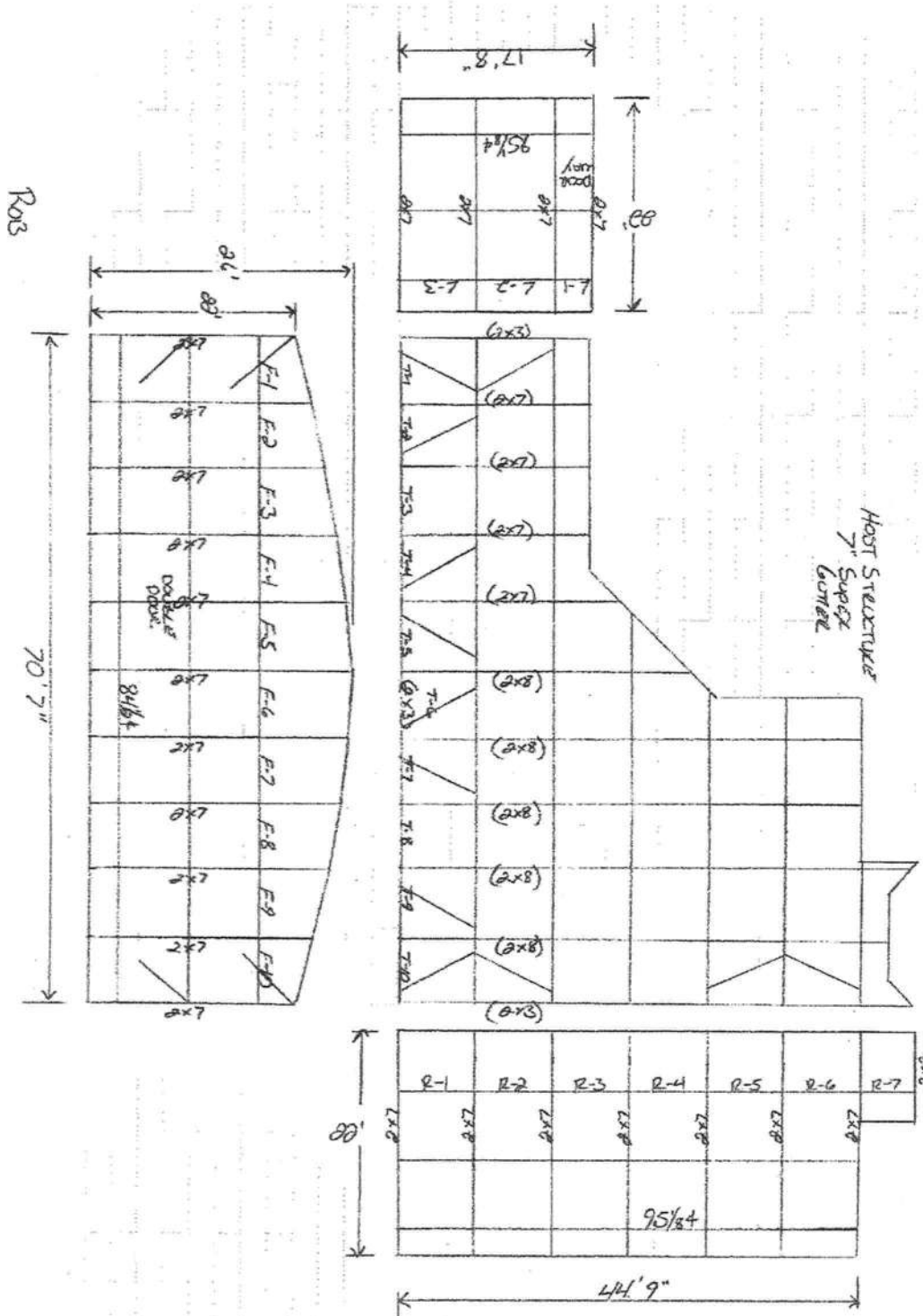


LEGEND & NOTES

- DENOTES 4" X 4" CONCRETE MONUMENT SET, L.B. # 7170
- DENOTES 4" X 4" CONCRETE MONUMENT FOUND R.L.S. # 6685.
- DENOTES 5/8" REBAR W / CAP SET, L.B. # 7170.
- DENOTES IRON PIPE OR REBAR FOUND.
- ∅ DENOTES POWER POLE
- X---X---X DENOTES EXISTING FENCE.

Patel
 Job # 10865
 Lot # 10 HILLS OF WINDSOR
 5/8 S.W. WINDSOR DR.
 LAKE CITY FL. 32084

Do Kim
 Eng.



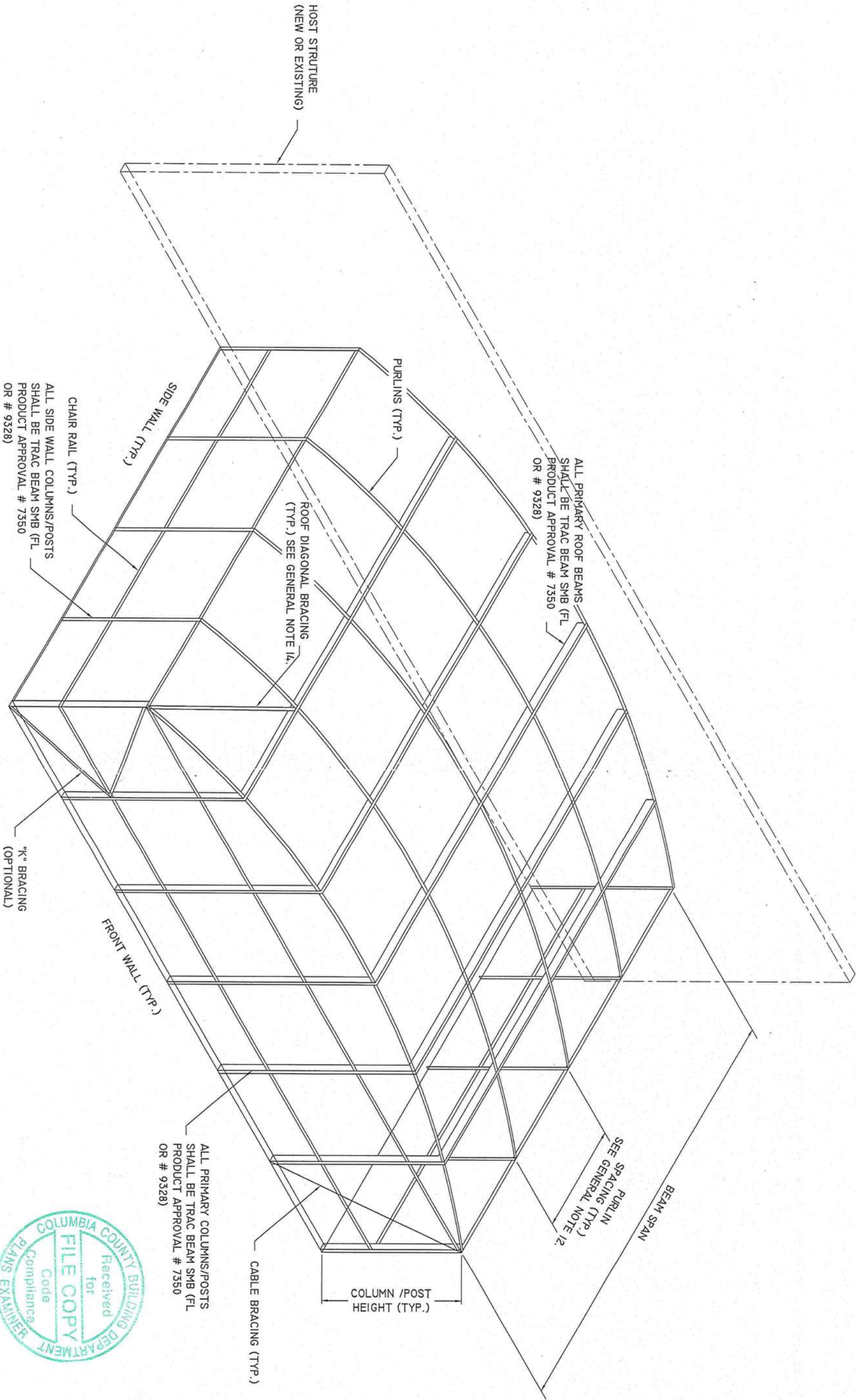
| Rev/Date | Description |
|-------------|-------------|
| 605 2008 | ISSUED |
| | |
| | |
| | |
| | |

CLIENT: Florida Pool Enclosures, INC
DESCRIPTION:
Screen Enclosure Details

| | |
|-------------|----------|
| DRAWN BY: | DVK |
| CHECKED BY: | DVK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/06 |

DO YEON KIM, P.E.
FLA. REG. NUMBER 49497
DO KIM & ASSOCIATES, LLC
CA#26887
3300 HENDERSON BLVD.,
SUITE 106
Tampa, FL 33684

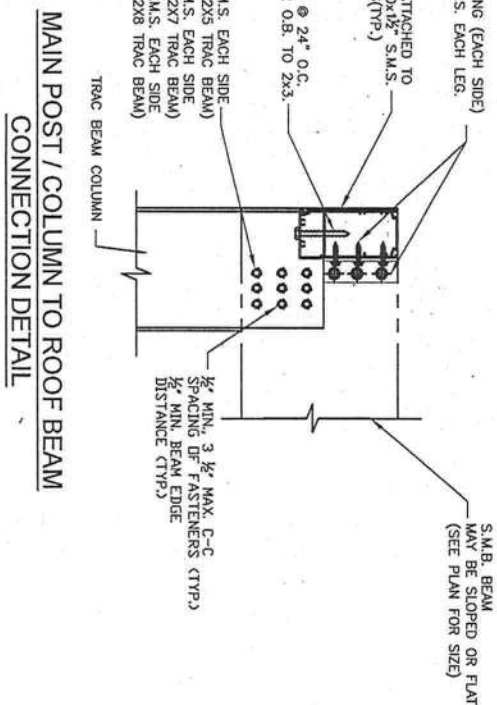
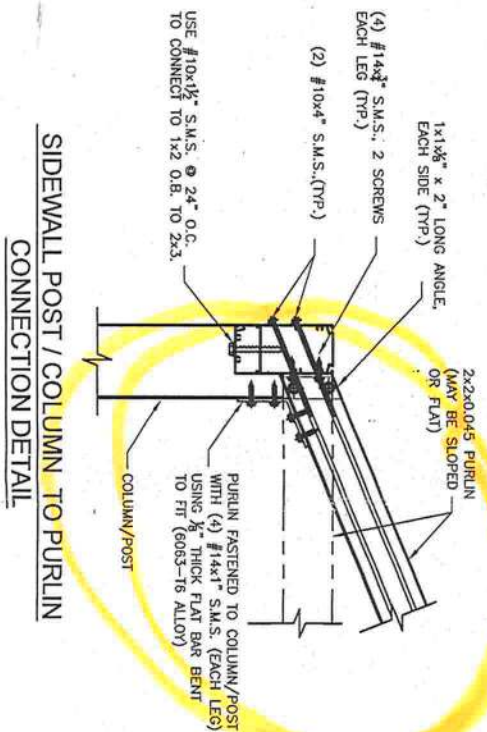
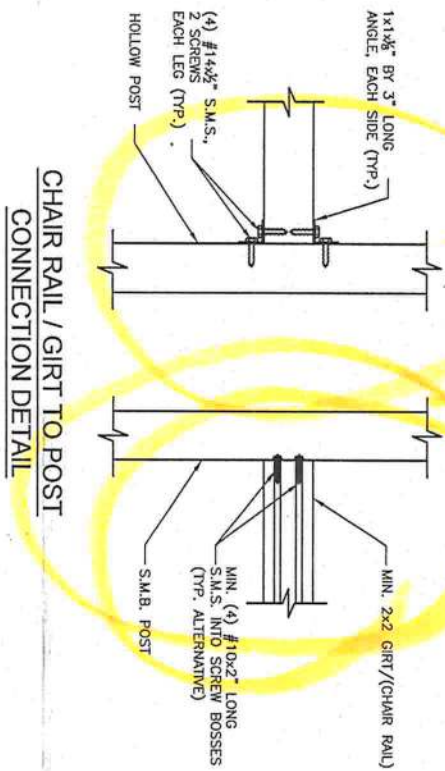
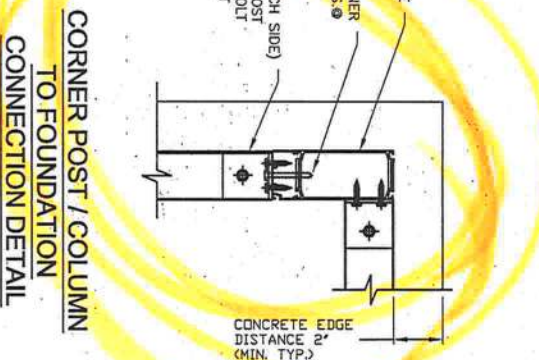
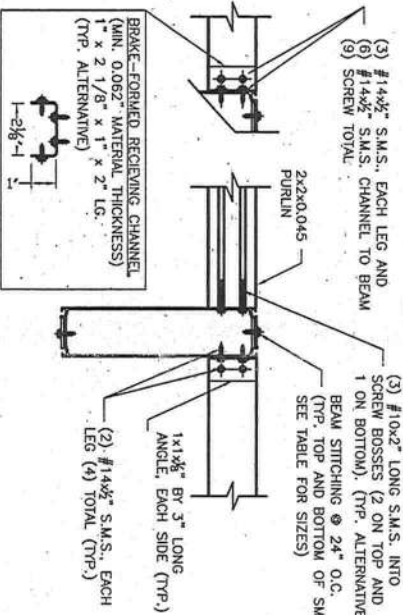
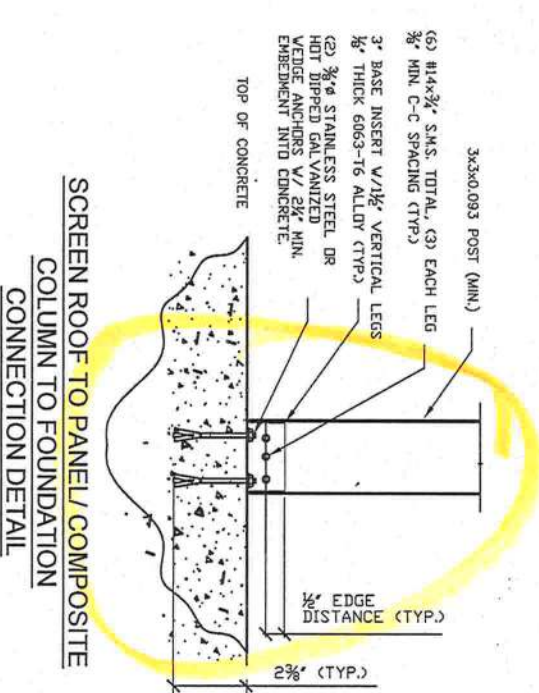
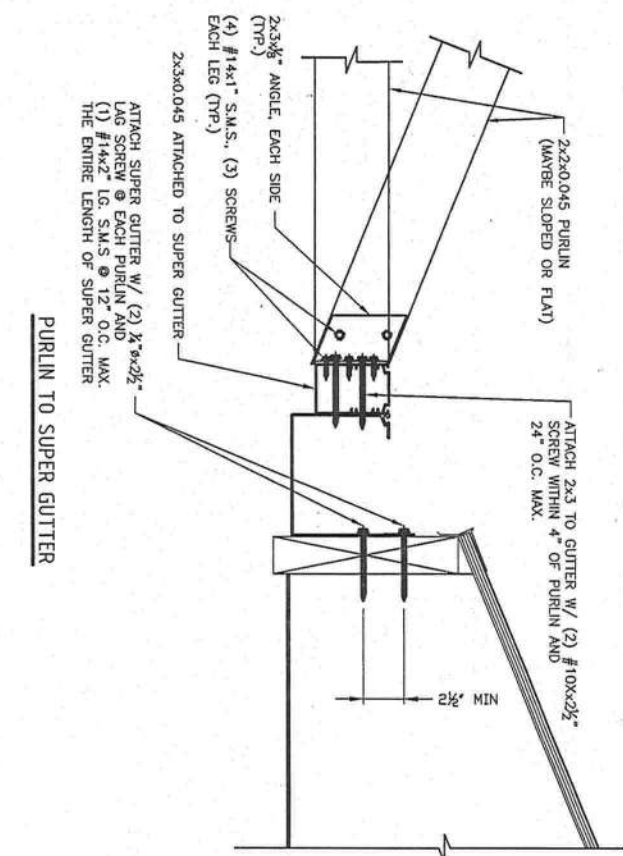
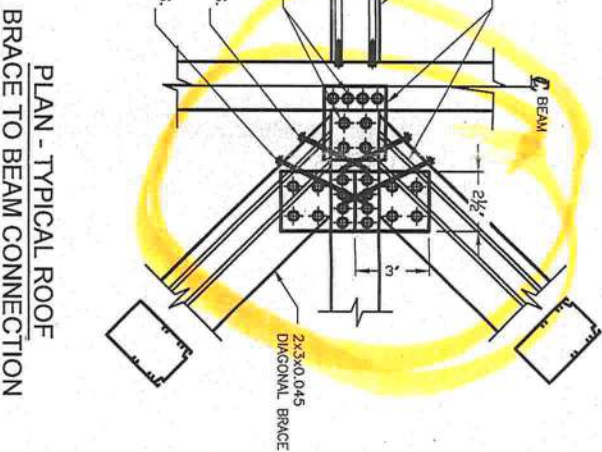
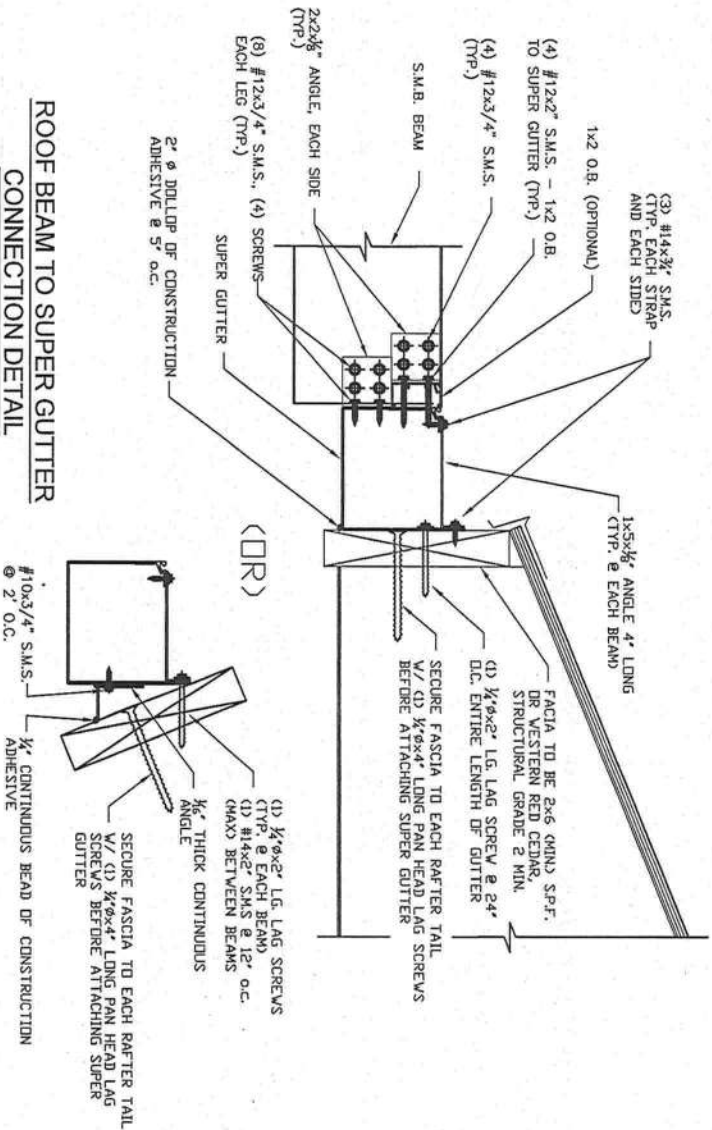
6.4.10



TYPICAL DOME ROOF

NOTE: Sketch is only a representation of a Dome Style Enclosure.
Contractor shall provide detailed layout drawings.





DO KIM
& ASSOCIATES, LLC
CONSULTING
STRUCTURAL
ENGINEERS

3300 Henderson Blvd., Suite 106
Tampa, FL 33609
Tel: (813) 874-5900
Fax: (813) 874-5959

| Rev/Date | Description |
|-------------|-------------|
| 605 2008 | ISSUED |
| | |
| | |
| | |
| | |

CLIENT: Florida Pool Enclosures, INC
DESCRIPTION:
Screen Enclosure Details

DRAWN BY: DYK
CHECKED BY: DYK
SCALE: AS SHOWN
DATE: 9/06/06

DO YEON KIM, P.E.
FLA. REG. NUMBER 49497
DO KIM & ASSOCIATES, LLC
c/o # 26887
3300 HENDERSON BLVD.,
SUITE 106
Tampa, FL 33684
6-4-10

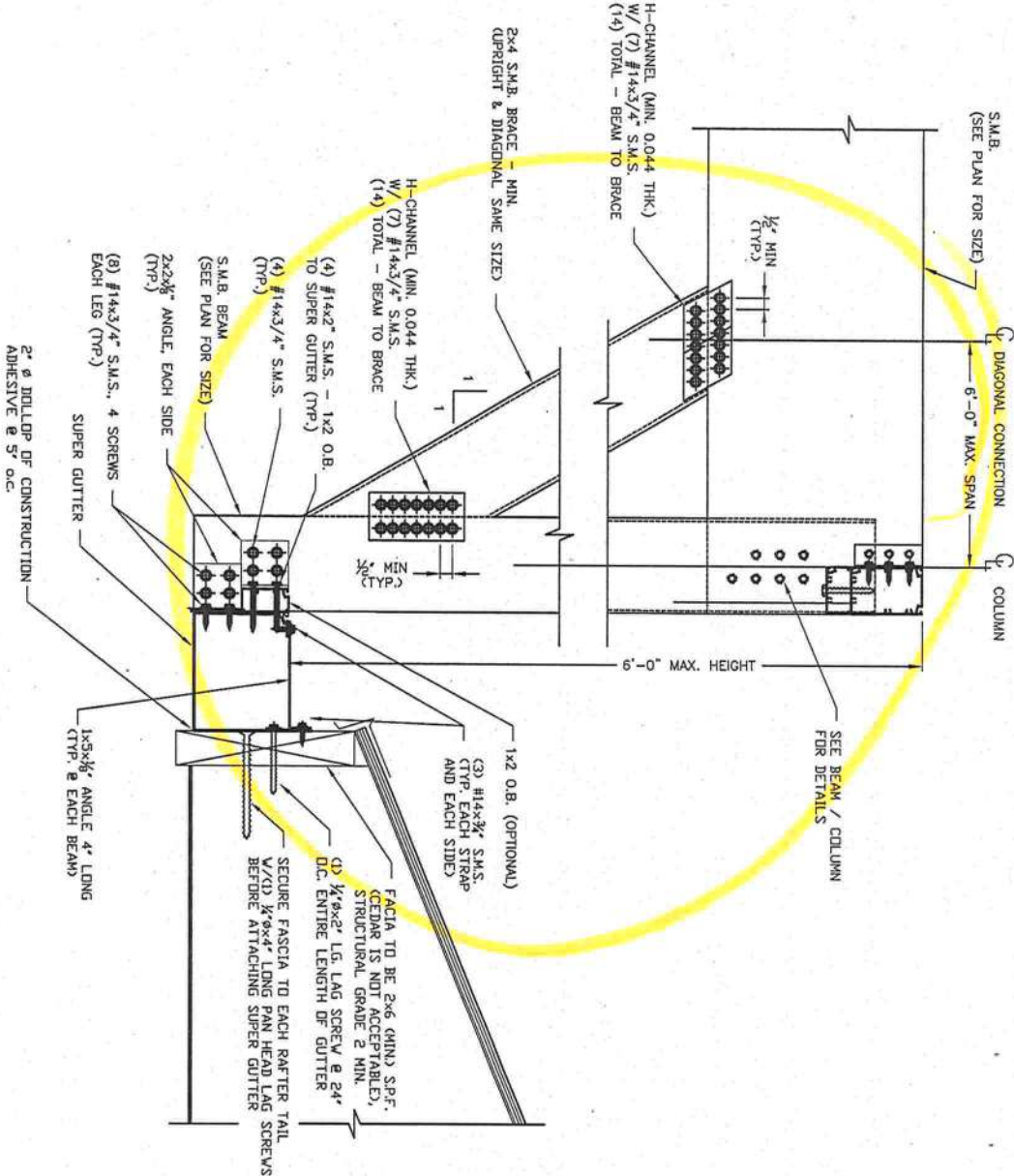
General Notes and Specifications:

- Contractor shall field verify all dimensions before construction and shall notify engineer of discrepancies for immediate consideration. The licensed contractor shall be the delegated designer as allowed by FL Statutes for design and construction of these structures covered in these sheets. DKA is solely responsible for the design of the details as shown on these drawings and the contractor shall be in responsible charge to design the structure as allowed by FL Statutes.
- Concrete shall be minimum 28 day compressive strength of $f'c=2500$ psi, and be in accordance with the requirements of ACI 318. Reinforcing steel shall have a min. yield strength of 40,000 psi (grade 40) and be provided with cover in accordance with ACI 318.
- All dimensions are provided by contractor, DO Kim & Associates, LLC have made interpretations where necessary.
- The following structures are designed to be attached to block and wood frame structures of adequate structural capacity. The contractor shall verify that the host structure is in good condition and of sufficient strength to hold the proposed addition. If there is a question about the host structure, the owner (at his own expense) shall hire an architect or engineer to verify host structure capacity.

- Screen density shall be a maximum of 18 x 14 x 0.013" mesh.
- Connections using screw bosses shall have minimum (4) #10x2" per connection unless shown otherwise.
- Screen mesh panels are not required to be secured to rigid diagonal bracing members. Screen mesh is incidental to the structural integrity of the overall structure.
- Unless otherwise shown, screws shall have minimum edge distance and center-to-center distances as shown in this table.

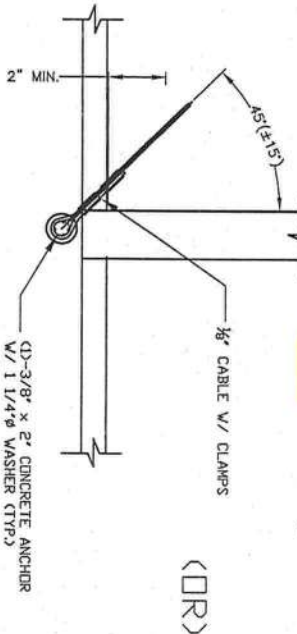
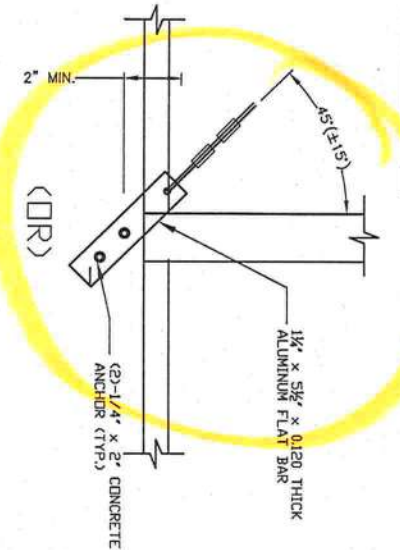
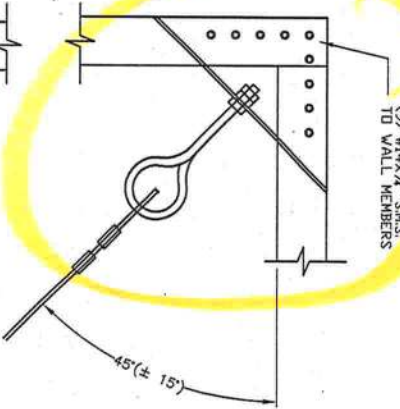
| C-1022 Low Carbon Steel SMS & Self-Drilling (TEK) Screws (Industry Standard Screws) | | | |
|---|-----------------------------|-----------------------|-----------------------------------|
| Screw | Nominal Screw Diameter (in) | Minimum Edge Distance | Minimum Center to Center Distance |
| #10 | 0.188 | $5/16"$ | $3/2"$ |
| #12 | 0.219 | $7/16"$ | $3/4"$ |
| #14 (1/4") | 0.250 | $1/2"$ | $5/8"$ |

- Structure has been designed to meet the 2007 FBC w/ 2009 Supplement. Project is sited with basic wind speed up to 120 mph (3-sec gust). $I=0.77$ for screen enclosures. Exposure C. Pressures are based on wind tunnel testing with main wind force resisting system coefficient, GCP , of ± 0.25 for screen roof and 0.7-1.25 for walls.
- All concrete anchors shall be Simpson Strong-Tie Wedge All Anchors or Titan Screws or approved equal.
- Composite panel or riser panel metal shall be of aluminum alloy 3105-H15 or 3105-H25.
- Maximum spacing of Purlins shall be less than 8'-0" o.c. Maximum spacing of Chair Rails (Girts) shall be less than 9'-0" o.c.
- Construction adhesive shall meet ASTM C-557. MIN shear strength @ 7 days = 425 P.S.I.
- Diagonal bracing shall be installed on 50% of roof screen panels that have at least one side adjacent to an exterior screen wall.
- When knee braces are utilized at uprights and beams, beam spans shown in tables are from the interior side of the knee brace supporting the beam.
- Lateral cable bracing shall be provided at each screened wall parallel to host structure, unless it is directly attached to host structure. One set of cable braces shall be provided on the front screen wall for each 500 sf of screened wall area that the wind load is being applied to the side wall orthogonal to the front wall.
- Structures that exceed 4.5 feet of beam span or heights exceeding 25 feet or are located in Exposure C shall require site specific evaluation by the engineer of record. Roof beams that are 2x8 Trac Beam having spans greater than 35 feet shall use 2x7 Trac or 2x8 Trac uprights. 2x2 and 1x2 aluminum components shall have nominal wall thickness of 0.044". Structural super gutter shall be min. 0.065" for spans 25' or less and 0.096" wall thickness for spans greater than 30'.
- All Aluminum members shall be 6005-T5 Alloy or stronger unless otherwise noted. Trac Beams shall be 6005-T5 Alloy.



NON-CABLE ROOF TRANSOM (RISER) WALL CONNECTION DETAIL

2" x ROLLUP OF CONSTRUCTION ADHESIVE @ 5' o.c.



CABLE BRACE DETAIL

MAXIMUM SPANS FOR CARRIER BEAMS (SUPPORTING SCREEN ROOF ONLY)

| BEAM | TRIBUTARY WIDTH | | | | |
|----------|-----------------|-------|-------|-------|-------|
| | 10' | 15' | 20' | 25' | 30' |
| 2X5 TRAC | 23.5' | 19.8' | 17.0' | 15.0' | 13.5' |
| 2X7 TRAC | 25.7' | 22.3' | 20.1' | 18.1' | 16.6' |
| 2X8 TRAC | 40.0' | 34.3' | 29.6' | 28.2' | 26.8' |

Design wind speed up to 120 mph. Exposure B. Reduce spans by 8% for Exposure C.

| Beam Stitching Screw for all Legacy S.M.B.'s (NOT FOR TRAC BEAMS) | |
|---|---------------------------------|
| Beam Size | Beam Stitching Screw @ 24" o.c. |
| 2" x 4" x 0.046 x 0.100 | #8 x 1/2" |
| 2" x 5" x 0.050 x 0.116 | #8 x 1/2" |
| 2" x 6" x 0.050 x 0.120 | #10 x 3/4" |
| 2" x 7" x 0.055 x 0.120 | #10 x 3/4" |
| 2" x 8" x 0.072 x 0.224 | #12 x 3/4" |
| 2" x 9" x 0.072 x 0.224 | #12 x 3/4" |
| 2" x 9" x 0.082 x 0.306 | #14 x 3/4" |
| 2" x 10" x 0.092 x 0.389 | #14 x 3/4" |

DO KIM & ASSOCIATES, LLC
CONSULTING STRUCTURAL ENGINEERS

3300 Henderson Blvd., Suite 106
Tampa, FL 33609
Tel: (813) 874-5900
Fax: (813) 874-5959

Rev./Date Description

6/05 ISSUED

2008

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|---|--|
| △ | |
| △ | |
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CLIENT: Florida Pool Enclosures, INC
DESCRIPTION:
Screen Enclosure Details

| | |
|-------------|----------|
| DRAWN BY: | DYK |
| CHECKED BY: | DYK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/06 |

DO YEON KIM, P.E.
FLA REG. NUMBER 49497
DO KIM & ASSOCIATES, LLC
3300 HENDERSON BLVD.,
SUITE 106
Tampa, FL 33684

Drawing No. - 060905
SHEET 30 F 7

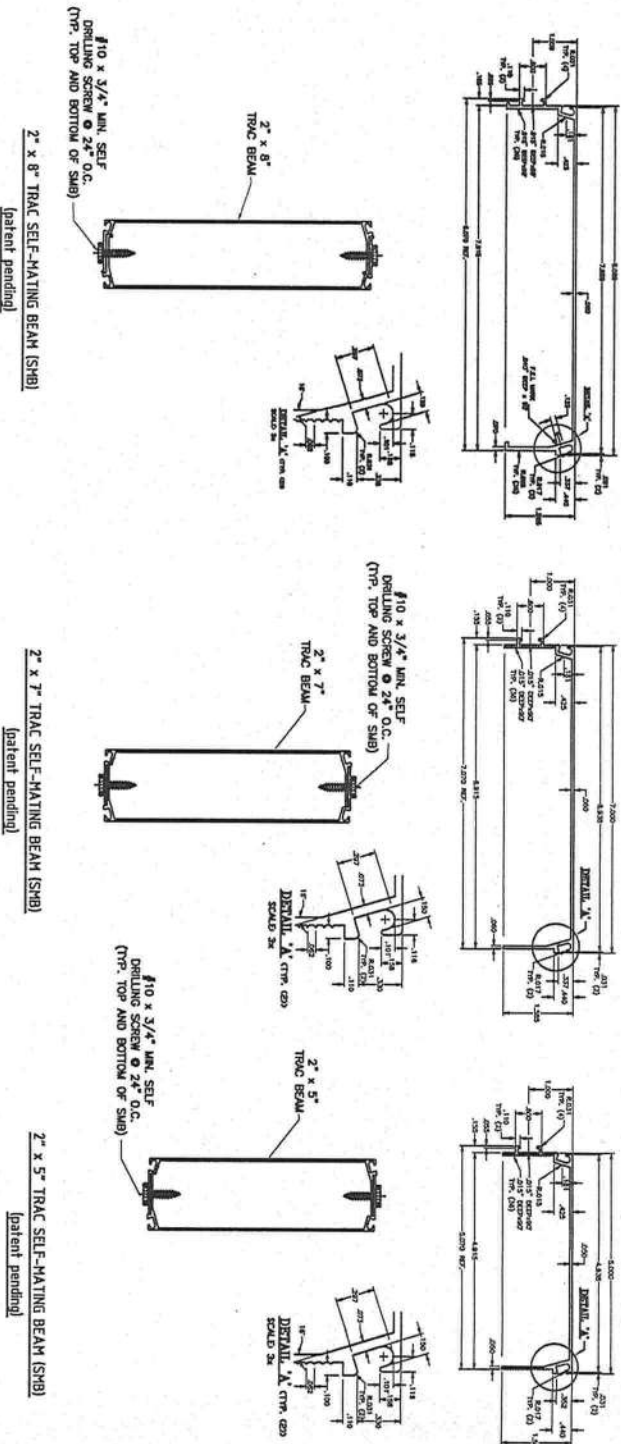
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|-------------|----------|
| DRAWN BY: | DYK |
| CHECKED BY: | DYK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/06 |

6.4.12.9

SHEET 4 OF 7

Pool Enclosure Collective, LLC
Trac Beam (FL State Product Approval #7350 & #9328)



- Trac Beam Notes:
1. Refer to Florida Product Approval #FL7350 & #FL9328 for project specific requirements to be used by design professional.
 2. Drawings are illustrative purposes only.
 3. Spans are based on ten feet wall height. For wall heights exceeding ten feet, allowable column spans shall be reduce 7% for each five feet increment. Then reduce spans by 10% for Exposure C.
 4. Allowable point loads and deflections are converted to allowable uniform loads
 5. Allowable spans tables are based on 2007 FBC w/ 2009 Supplement.
 6. Wind loads are based on Chapter 20 and Table 2004.4.
 7. Maximum allowable deflections limits of L/60 shall be considered by design professional. L/80 in HVHZ.

| 2x8 TRAC SPAN (COLUMN HEIGHT) | | | | | |
|-------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 32.5' | 30.0' | 28.9' | 27.7' | 26.3' |
| 6' D.C. | 29.5' | 28.7' | 27.6' | 26.3' | 25.0' |
| 7' D.C. | 28.7' | 27.8' | 26.7' | 24.9' | 23.5' |
| 8' D.C. | 27.8' | 26.5' | 25.2' | 23.4' | 21.8' |

| 2x8 TRAC BEAM CLEAR SPAN (FLAT ROOF) | | | | | |
|--------------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 40.0' | 40.0' | 40.0' | 40.0' | 36.0' |
| 6' D.C. | 40.0' | 40.0' | 40.0' | 37.0' | 35.0' |
| 7' D.C. | 40.0' | 40.0' | 38.0' | 35.5' | 34.0' |
| 8' D.C. | 40.0' | 38.0' | 36.0' | 34.2' | 32.0' |

Three Basic 2 @ 3'

| 2x8 TRAC BEAM SPAN (MANSARD ROOF) | | | | | |
|-----------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 52.0' | 52.0' | 52.0' | 52.0' | 47.0' |
| 6' D.C. | 52.0' | 52.0' | 52.0' | 50.0' | 46.0' |
| 7' D.C. | 52.0' | 52.0' | 52.0' | 47.5' | 44.8' |
| 8' D.C. | 52.0' | 50.0' | 47.0' | 45.0' | 42.8' |

| 2x5 TRAC BEAM (ROOF BEAM SPAN) | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 25' | 25' | 25' | 24.12' | 23.27' |
| 6' D.C. | 25' | 25' | 25' | 23.06' | 22.12' |
| 7' D.C. | 25' | 25' | 23.51' | 22.16' | 21.33' |
| 8' D.C. | 25' | 25' | 22.94' | 21.36' | 20.35' |

| 2x5 TRAC BEAM (COLUMN HEIGHT) | | | | | |
|-------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 20.31' | 19.00' | 17.01' | 15.00' | 13.33' |
| 6' D.C. | 18.57' | 17.00' | 14.57' | 13.07' | 12.28' |
| 7' D.C. | 16.89' | 15.00' | 13.00' | 12.15' | 11.24' |
| 8' D.C. | 15.11' | 13.52' | 12.28' | 11.13' | 10.12' |

| 2x7 TRAC BEAM (ROOF BEAM SPAN) | | | | | |
|--------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 37.82' | 37.62' | 34.63' | 31.23' | 28.00' |
| 6' D.C. | 35.18' | 35.01' | 31.23' | 27.37' | 23.61' |
| 7' D.C. | 32.65' | 32.43' | 28.00' | 23.48' | 23.05' |
| 8' D.C. | 30.00' | 29.82' | 24.76' | 23.21' | 22.61' |

| 2x7 TRAC BEAM (COLUMN HEIGHT) | | | | | |
|-------------------------------|---------|---------|---------|---------|---------|
| BEAM TO BEAM SPACING (ft) | 110 mph | 120 mph | 130 mph | 140 mph | 150 mph |
| 5' D.C. | 23.04' | 22.42' | 21.48' | 20.53' | 19.59' |
| 6' D.C. | 22.22' | 21.47' | 20.34' | 19.21' | 18.08' |
| 7' D.C. | 21.41' | 20.53' | 19.20' | 17.80' | 16.68' |
| 8' D.C. | 20.55' | 19.59' | 18.08' | 16.58' | 15.08' |

DO KIM
& ASSOCIATES, LLC

CONSULTING
STRUCTURAL
ENGINEERS

3300 Henderson Blvd., Suite 106
Tampa, FL 33609
Tel: (813) 874-5900
Fax: (813) 874-5959

| Rev/Date | Description |
|--------------|-------------|
| 6/05 2008 | ISSUED |

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CLIENT: Florida Pool Enclosures, INC

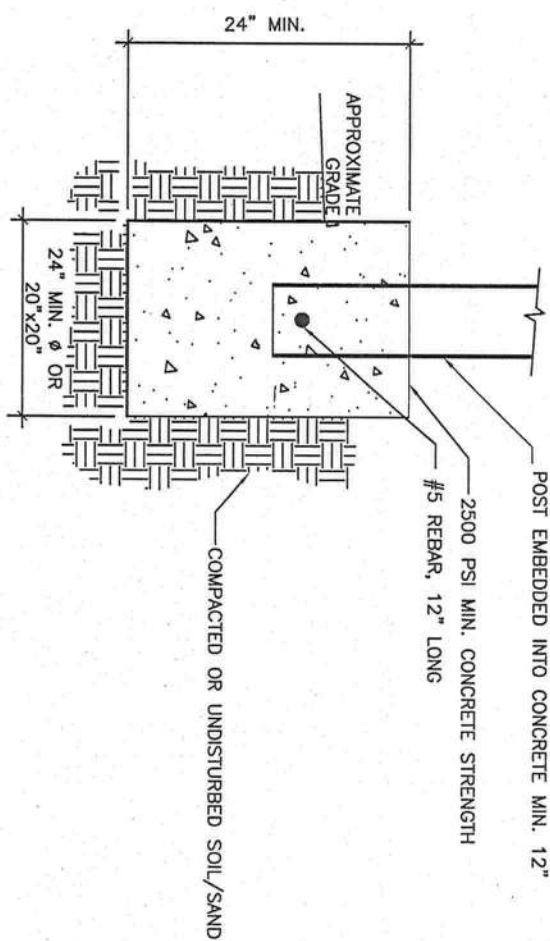
DESCRIPTION:
Screen Enclosure Details

| | |
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| DRAWN BY: | DKK |
| CHECKED BY: | DKK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/08 |

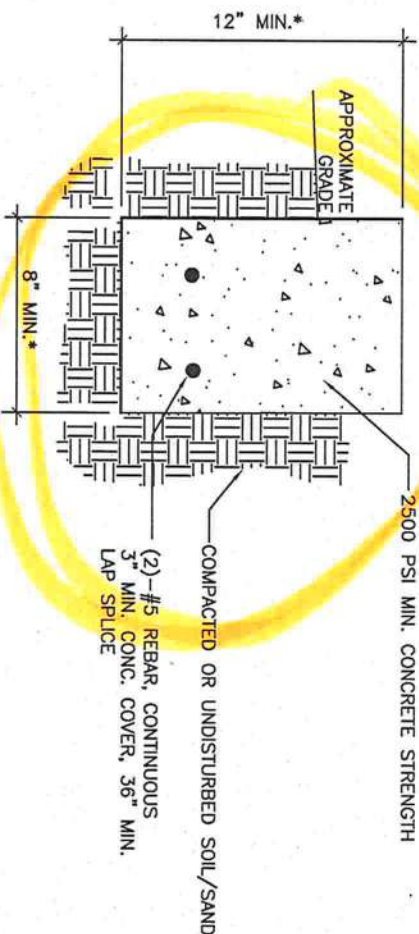
DO YEON KIM, P.E.
FLA. REG. NUMBER 49497

DO KIM & ASSOCIATES, LLC
CA# 26887
3300 HENDERSON BLVD.,
SUITE 106
Tampa, FL 33694

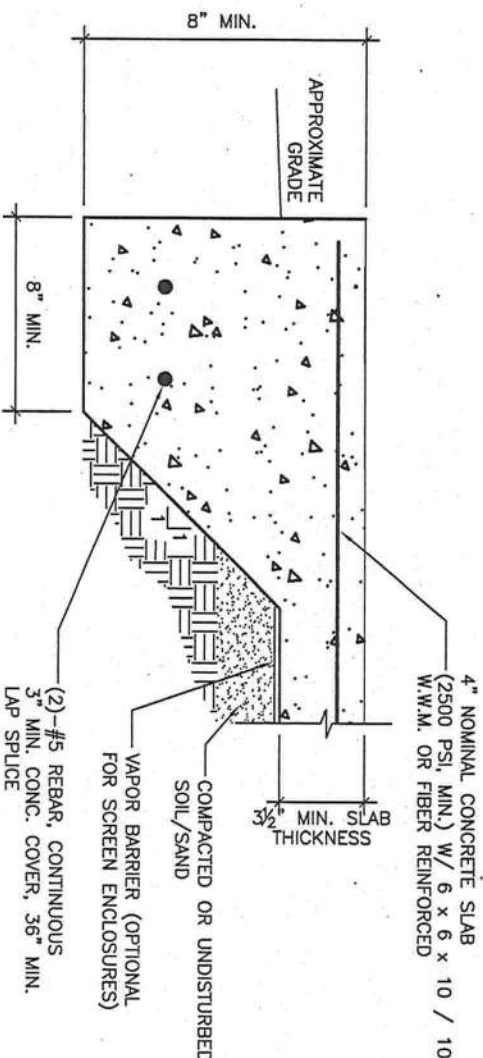
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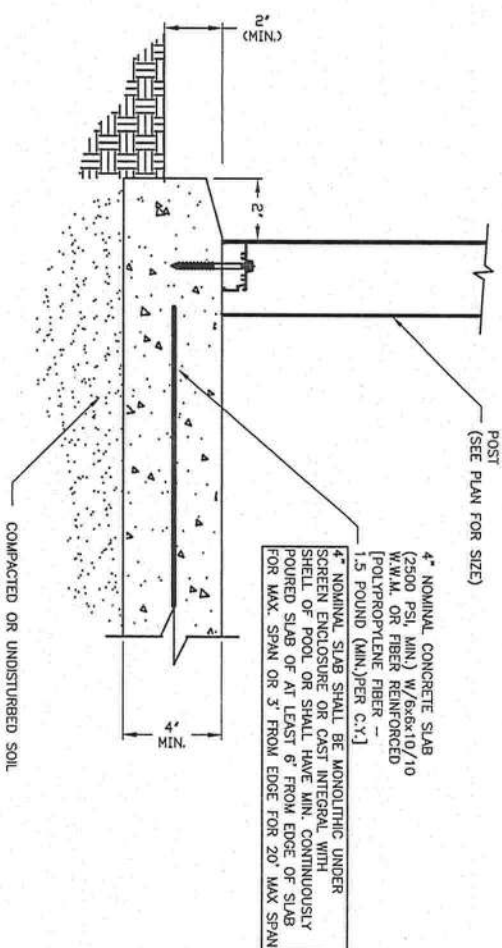
STANDARD TYP. ISOLATED FOOTER



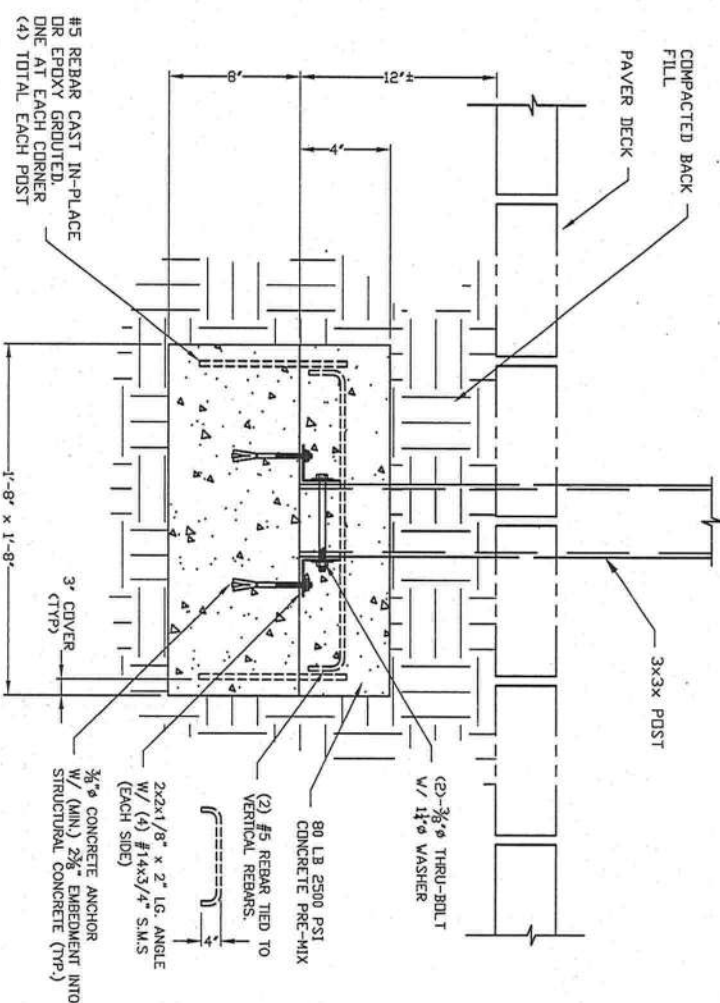
STANDARD TYP. CONTINUOUS PERIMETER FOOTING



STANDARD TYP. TURNDOWN SLAB FOOTING



POST / CONCRETE SLAB DETAIL



POST FOR CARRIER BEAM TO
BURIED FOOTING
CONNECTION DETAIL

DO KIM
& ASSOCIATES, LLC
CONSULTING
STRUCTURAL
ENGINEERS

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Fax: (813) 874-5959

| Rev./Date | Description |
|-------------|-------------|
| 605 2008 | ISSUED |
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CLIENT: Florida Pool Enclosures, INC
DESCRIPTION:
Screen Enclosure Details

| | |
|-------------|----------|
| DRAWN BY: | DYK |
| CHECKED BY: | DYK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/06 |

DO YEON KIM, P.E.
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TAMPA, FL 33684
6.4.10

Drawing No. - 060905

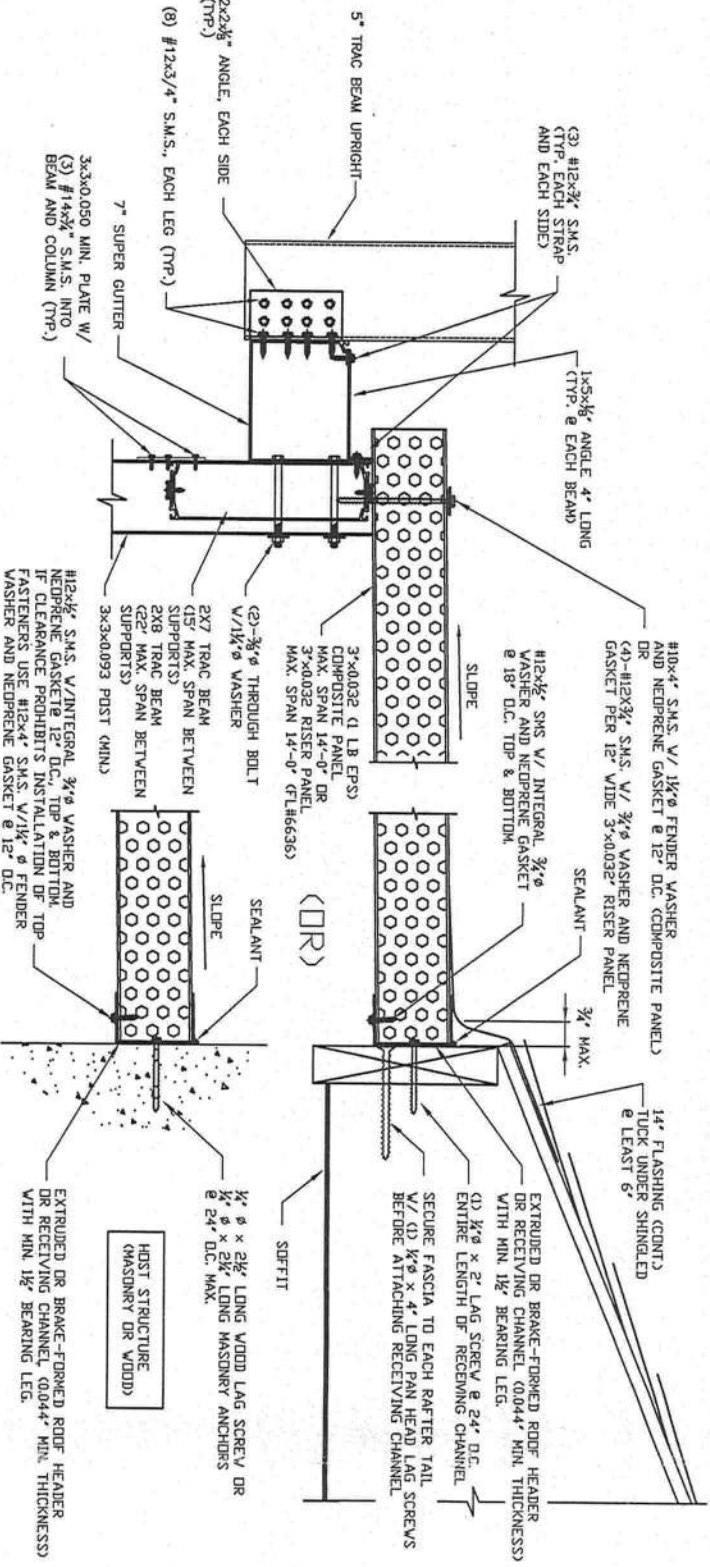
SHEET 6 OF 7

| Rev/Date | Description |
|----------|-------------|
| 605 | ISSUED |
| 2008 | |
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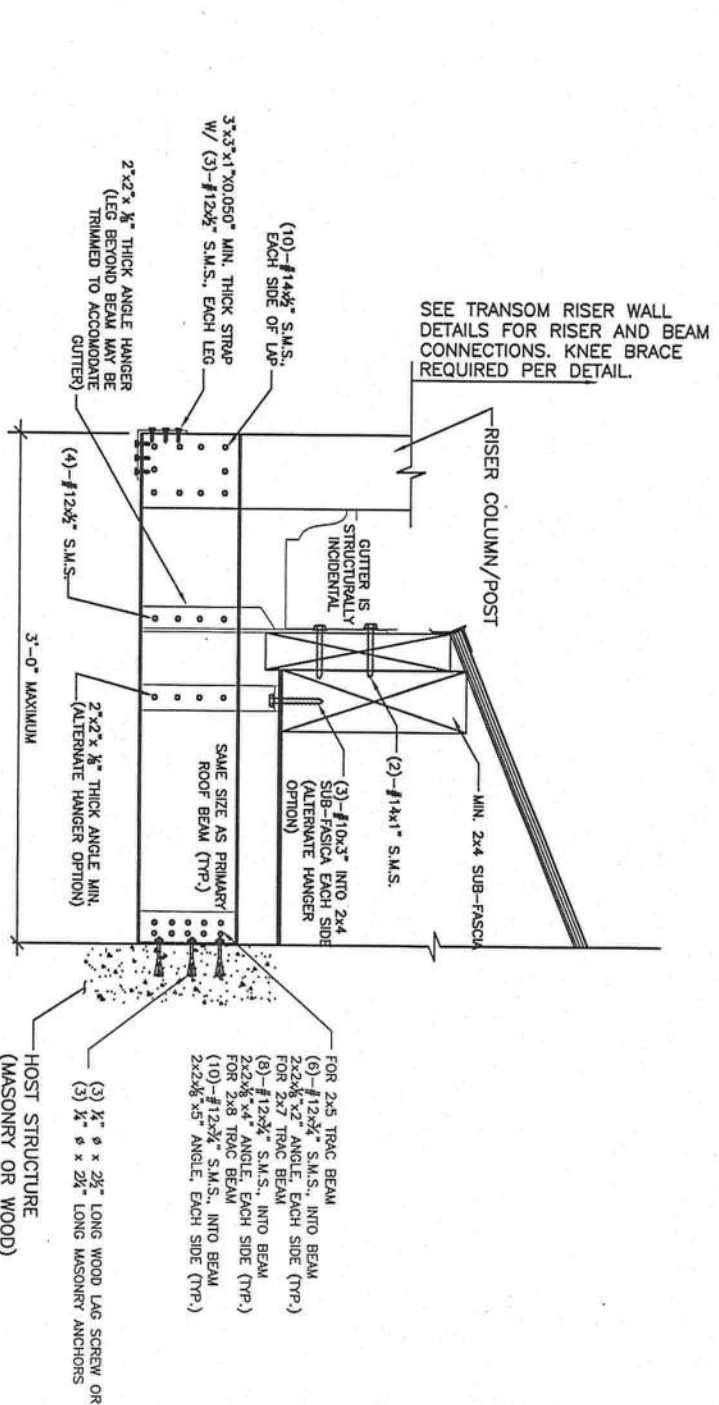
CLIENT: Florida Pool Enclosures, INC
DESCRIPTION:
Screen Enclosure Details

| | |
|-------------|----------|
| DRAWN BY: | DYK |
| CHECKED BY: | DYK |
| SCALE: | AS SHOWN |
| DATE: | 9/05/06 |

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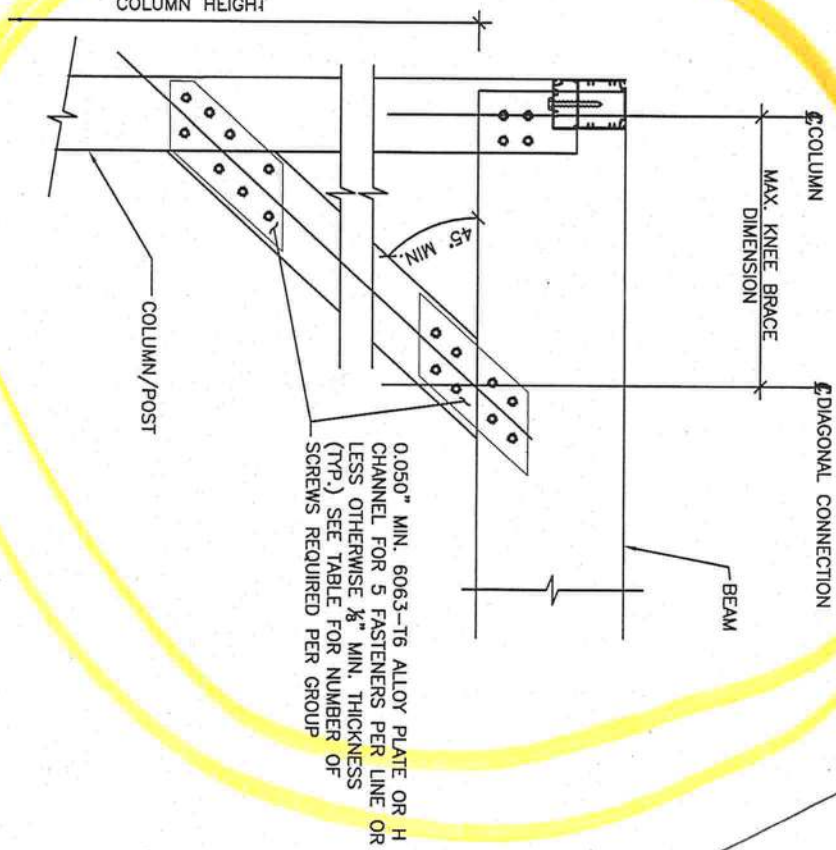
SCREEN ROOF TO
PANEL OR COMPOSITE ROOF
CONNECTION DETAIL



CANTILEVER TRANSOM (RISER) TO HOST WALL

TYP. FRONT WALL KNEE BRACE CONNECTION DETAIL

| KNEE BRACE SECTION | MAX. LENGTH | #10x2\"/> |
|--------------------|-------------|-----------|
| 2\"/> | 36 INCHES | 3 |
| 2\"/> | 44 INCHES | 4 |
| 2\"/> | 50 INCHES | 5 |
| 2\"/> | 62 INCHES | 6 |



6-110