Uniform Mitigation Verification Inspection Form

Maintain a copy of this form with the insurance policy

Inspection Date: 1-17-12		
Owner Information		
Owner Name: Laguna Pointe Condominium Owners Association		Contact Person: Sam Sparks
Address: 4060 Indigo Drive		Home Phone: N/A
City: Pensacola	Zip: 32507	Work Phone: 850-725-6250
County: Escambia		Cell Phone: 850-293-5343
Insurance Company:		Policy #:
Year of Home: 2003	# of Stories: 3 Elevated Living Floor over Grade Level Garage	Email: sam.sparks@lagunapointe.org

I, Daniel B. Smith, PE **(print name of the individual who actually performed the inspection), personally conducted the inspection of the residence identified on this form and in my professional opinion, all the data I reported is true and correct.**

1. Building Code: What building code was used to design and build the structure?

- ☐ A. 1994 South Florida Building Code (building permit application date of 9/1/1994 or later in Miami-Dade and Broward Counties (also known as the High Velocity Hurricane Zone (HVHZ)).
- ☐ B. Building code prior to the 1994 South Florida Building Code (building permit application date of 8/31/1994 or earlier in Miami-Dade and Broward Counties (HVHZ).
- ☒ C. 2001 Florida Building Code (building permit application date of 3/1/2002 or later outside the HVHZ).
- ☐ D. Building code prior to the 2001 Florida Building Code (building permit application date of 2/28/2002 or earlier outside the HVHZ).
- ☐ E. Unknown or undetermined.

2. Predominant Roof Covering:

Permit Application Date: _____ or Date of Installation: 2003 (original roofing)

- ☒ A. At a minimum meets the 2001 Florida Building Code or the 1994 South Florida Building Code and has a Miami-Dade NOA or FBC 2001 Product Approval listing demonstrating compliance with ASTM D 3161 (enhanced for 110MPH) OR ASTM D 7158 (F, G or H), OR FBC TAS 100-95 and TAS 107-95**,** OR FMRC 4470 and/or 4471 (for metal roofs).
- ☐ B. Does not meet the above minimum requirements.
- ☐ C. Unknown or undetermined.

NOTE: At least one photo documenting the existence of each visible and accessible construction or mitigation attribute marked in Sections 3 through 9 must accompany this form.

3. Roof Deck Attachment: What is the **weakest** form of roof deck attachment?

- ☐ A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the field. **-OR-** Batten decking supporting wood shakes or wood shingles.**-OR-** Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift resistance of 55 psf.
- ☒ B. Plywood/OSB roof sheathing with a minimum thickness of 7/16" attached to the roof truss/rafter (spaced a maximum of 24" o.c.) by 8d common nails spaced 6" along the edge and 12" in the field**.-OR-** Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift resistance of 103 psf.
- ☐ C. Plywood/OSB roof sheathing with a minimum thickness of 7/16" attached to the roof truss/rafter (spaced a maximum of 24" o.c.) by 8d common nails spaced 6" along the edge and 6" in the field. **-OR-** Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board. **-OR-** Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift resistance of 182 psf.
- ☐ D. Reinforced Concrete Roof Deck. Note: Framing inaccessible for photography. See attached plans from construction drawings showing roof structure.

Inspectors Initials DBS **Property Address** 4050 & 4060 Indigo Drive, Pensacola, FL 32507

***This verification form is valid up to five (5) years provided no material changes have been made to the structure.**

☐ E. Other: _____

☐ F. Unknown or unidentified.

☒ G. No attic access.

4. Roof to Wall Attachment: What is the **weakest** roof to wall connection?

☐ A. Toe Nails — Rafter/truss anchored to top plate of wall using nails driven at an angle through the rafter/truss and attached to the top plate of the wall.

☒ B. Clips — Metal attachments on every rafter/truss that are nailed to one side (or both sides in the case of a diamond type clip) of the rafter/truss and attached to the top plate of the wall frame or embedded in the bond beam.

☒ C. Single Wraps — Metal Straps must be secured to every rafter/truss with a minimum of 3 nails, wrapping over and securing to the opposite side of the rafter/truss with a minimum of 1 nail. The Strap must be attached to the top plate of the wall frame or embedded in the bond beam in at least one place.

☐ D. Double Wraps — Both Metal Straps must be secured to every rafter/truss with a minimum of 3 nails, wrapping over and securing to the opposite side of the rafter/truss with a minimum of 1 nail. Each Strap must be attached to the top plate of the wall frame or embedded in the bond beam in at least one place.

☐ E. Structural — Anchor bolts structurally connected or reinforced concrete roof.

☐ F. Other: _____

☐ G. Unknown or Unidentified

☐ H. No attic access Note: Connections not available for photography

5. Roof Geometry: What is the roof shape(s)? (Porches or carports that are attached only to the fascia or wall of the host structure and not structurally connected to the main roof system are not considered in the roof geometry determination.)

☒ A. Hip Roof — Hip roof with no other roof shapes greater than 10% of the total building perimeter.

☐ B. Non-Hip Roof — Any other roof shape or combination of roof shapes including hip, gable, gambrel, mansard and other roof shapes not including flat roofs.

☐ C. Flat Roof — Flat roof shape greater than 100 square feet or 10% of the entire roof, whichever is greater.

6. Gable End Bracing: For roof structures that contain gables, please check the **weakest** that apply:

☐ A. Gable End(s) are braced at a minimum in accordance with the 2001 Florida Building Code.

☐ B. Does not meet the above minimum requirements.

☒ C. Not applicable, unknown or unidentified.

7. Wall Construction Type: Check all wall construction types for exterior walls of the structure and percentages for each:

☐ A. Wood Frame _____%

☐ B. Un-Reinforced Masonry _____%

☒ C. Reinforced Masonry 15 %

☐ D. Poured Concrete _____%

☒ E. Other: Galv. Metal Studwall 85 %

8. Secondary Water Resistance (SWR): (standard underlayments or hot mopped felts are not SWR)

☐ A. SWR — Self adhering polymer modified bitumen roofing underlayment applied directly to the sheathing or foam adhesive SWR barrier (not foamed on insulation) applied as a secondary means to protect the dwelling from water intrusion.

☒ B. No SWR

☐ C. Unknown or undetermined.

9. Opening Protection: What is the **weakest** form of wind borne debris protection installed on the structure? (Exterior openings include, but are not limited to: windows, doors, garage doors, skylights, etc. Product approval may be required for opening protection devices without proper rating identification.) Note: One elevation of the building (common walkway side) does not have impact resistant glazing on the windows there. All other windows, doors and sliding glass doors are large missile impact resistant.

☒ A. **All Exterior Openings (Glazed and Unglazed)** All exterior openings are fully protected at a minimum with impact resistant coverings, impact resistant doors and/or impact resistant window units that are listed as wind borne debris protection devices in the product approval system of the State of Florida or Miami-Dade County and meet the requirements of one of

the following for "Cyclic Pressure and Large Missile Impact". For the HVHZ, systems must have either a Miami-Dade NOA or FBC Approval marked *"For Use in the HVHZ"*.

- ☐ Miami-Dade County Notice of Acceptance (NOA) 201, 202 **and** 203. (Large Missile - 9 lb.)
- ☐ Florida Building Code Testing Application Standard (TAS) 201, 202 **and** 203. (Large Missile – 9 lb.)
- ☐ American Society for Testing and Materials (ASTM) E 1886 **and** ASTM E 1996. (Large Missile – 9 lb.)
- ☐ Southern Standards Technical Document (SSTD) 12. (Large Missile – 9 lb.)
- ☐ For Skylights Only: ASTM E 1886/E 1996. (Large Missile - 4.5 lb.)
- ☐ For Garage Doors Only: ANSI/DASMA 115. (Large Missile – 9 lb.)

☐ B. **All exterior openings** are fully protected at a minimum with impact resistant coverings, impact resistant doors and/or impact resistant window units that are listed as windborne debris protection devices in the product approval system of the State of Florida or Miami-Dade County and meet the requirements of one of the following for "Cyclic Pressure and Large Missile Impact":

- ☐ ASTM E 1886 and ASTM E 1996. (Large Missile – 4.5 lb.)
- ☐ SSTD 12. (Large Missile – 4 lb. to 8 lb.)
- ☐ For Skylights Only: ASTM E 1886/E 1996. (Large Missile - 2 to 4.5 lb.)

☐ C. **All exterior openings** are fully protected at a minimum with impact resistant coverings, impact resistant doors and/or impact resistant window units that are listed as windborne debris protection devices in the product approval system of the State of Florida or Miami-Dade County and meet the requirements of one of the following for "Cyclic Pressure and Small Missile Impact":

- ☐ Miami-Dade County NOA 201, 202 **and** 203. (Small Missile – 2grams)
- ☐ Florida Building Code TAS 201, 202 **and** 203. (Small Missile – 2 grams)
- ☐ ASTM E 1886 **and** ASTM E 1996. (Small Missile – 2 grams)
- ☐ SSTD 12. (Small Missile – 2 grams)

☐ D. **All exterior openings** are fully protected with windborne debris protection devices that cannot be indentified as Miami-Dade or Florida Building Code (FBC) product approved. This does not include plywood/OSB or plywood alternatives (see Answer "H").

All Glazed Exterior Openings

☐ E. **All glazed exterior openings** are fully protected at a minimum with impact resistant coverings and/or impact resistant window units that meet the requirements of one of the standards listed in Answer "A" of this question. (Large Missile – 9 lb.)

☐ F. **All glazed exterior openings** are fully protected at a minimum with impact resistant coverings and/or impact resistant window units that meet the requirements of one of the standards listed in Answer "B" of this question. (Large Missile – 2 lb. - 8 lb.)

☐ G. **All glazed exterior openings** are fully protected at a minimum with impact resistant coverings and/or impact resistant window units that meet the requirements of one of the standards listed in Answer "C" of this question. (Small Missile – 2 grams)

☐ H. **All glazed exterior openings** are covered with plywood/OSB meeting the requirements of Section 1609 and Table 1609.1.4 of the 2004 FBC (with 2006 supplements).

☐ I. **All glazed exterior openings** are fully protected with wind-borne debris protection devices that cannot be identified as Miami-Dade or FBC product approved. This does not include plywood/OSB or other plywood alternatives that do not meet Answer H (see Answer "K").

None or Some Glazed Openings

☒ J. At least one glazed exterior opening does not have wind-borne debris protection.

☐ K. No glazed exterior openings have wind-borne debris protection. This includes plywood/OSB or plywood alternative systems that do not meet Answer "H".

☐ L. Unknown or undetermined.

MITIGATION INSPECTIONS MUST BE CERTIFIED BY A QUALIFIED INSPECTOR. **Section 627.711(2), Florida Statutes, provides a listing of individuals who may sign this form.**		
Qualified Inspector Name: Daniel B. Smith, PE	License Type: Professional Engineer	License # or MSFH certificate #: #35633
Inspection Company: Cornerstone Facilities Engineering		Phone: 850-438-3449

Qualified Inspector – I hold an active license or certificate as a: (check one)

- ☐ Hurricane mitigation inspector certified by the My Safe Florida Home Program.
- ☐ Building code inspector certified under Section 468.607, Florida Statutes.
- ☐ General, building or residential contractor licensed under Section 489.111, Florida Statutes.
- ☐ Professional architect licensed under Section 481.213, Florida Statutes.
- ☒ Professional engineer licensed under Section 471.015, Florida Statutes.
- ☐ Other individual or entity recognized by the insurer as possessing the necessary qualifications to properly complete this form pursuant to Section 627.711(2)(f), Florida Statutes.

Individuals signing this form must have their license or certificate in an "Active" status at time of the inspection.

I, Daniel B. Smith **(print name) am a qualified inspector and I personally performed the inspection ~~or had my employee (_____ (print name)) perform the inspection and I agree to be responsible for his/her work.~~**

Qualified Inspector Signature: DBS **Date:** 1-26-12

An individual or entity who knowingly provides or utters a false or fraudulent mitigation verification form with the intent to obtain or receive a discount on an insurance premium to which the individual or entity is not entitled commits a misdemeanor of the first degree (Section 627.711(3), Florida Statutes). The Qualified Inspector who certifies this form is strictly liable for all acts, statements, concealment of facts, omissions, and documentation provided by his or her employee who actually performed the inspection.

Homeowner to complete: I certify that the named Qualified Inspector or his or her employee did perform an inspection of the residence identified on this form and that proof of identification was provided to me or my Authorized Representative.

Signature: _____ **Date:** _____

An individual or entity who knowingly provides or utters a false or fraudulent mitigation verification form with the intent to obtain or receive a discount on an insurance premium to which the individual or entity is not entitled commits a misdemeanor of the first degree. (Section 627.711(3), Florida Statutes)

The definitions on this form are for inspection purposes only and cannot be used to certify any product or construction feature as offering protection from hurricanes.

Inspectors Initials DBS **Property Address** 4050 & 4060 Indigo Drive, Pensacola, FL 32507

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PHOTOGRAPHS

Photograph showing hip roof

Galvanized metal stud-wall at exterior wall construction.

All the windows and sliding glass doors on the end elevations and the waterside elevation were replaced in 2011-12 with large missile resistant glazed products.

Cornerstone Facilities Engineering, Inc. **Date:** 1-26-12

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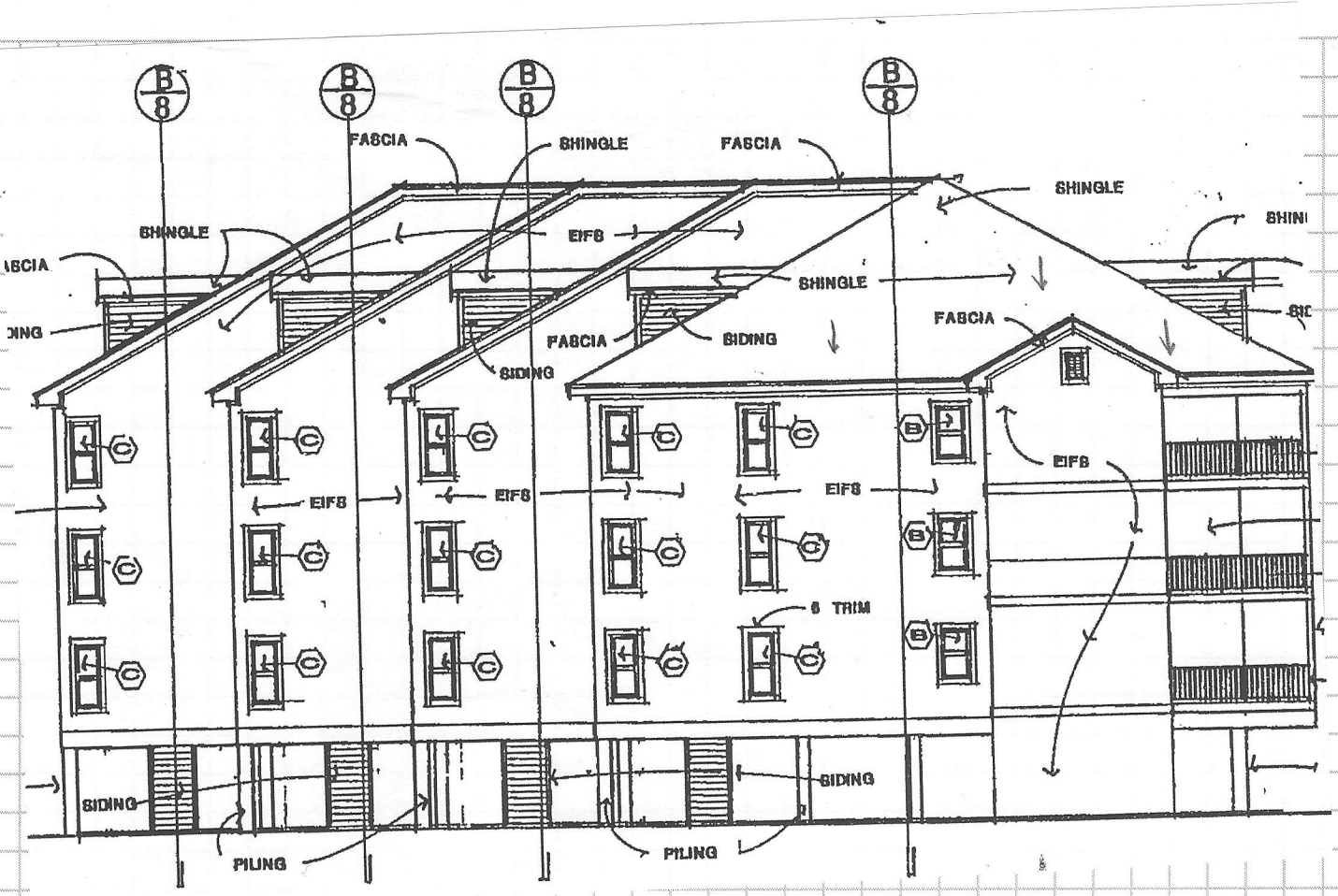
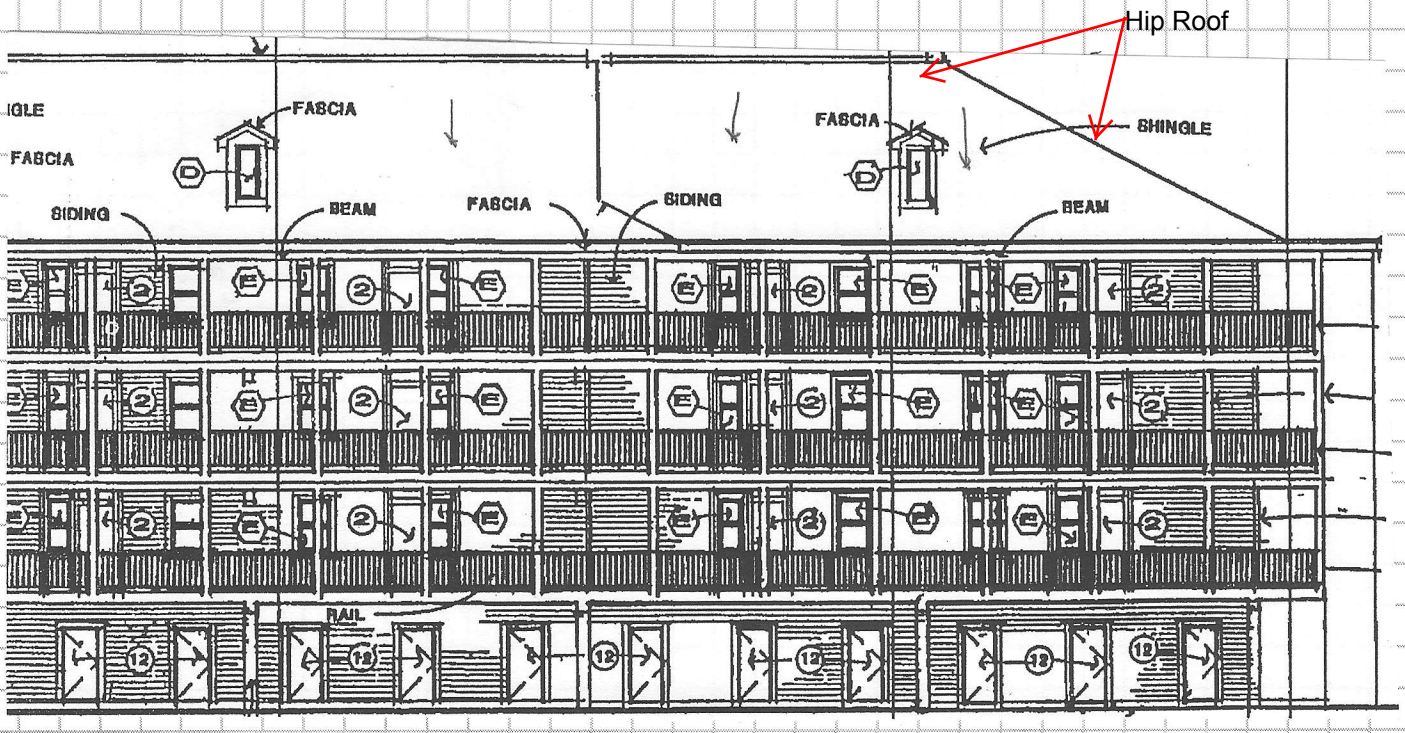


END ELEVATION



SIDE (PARKING LOT) ELEVATION

QBS

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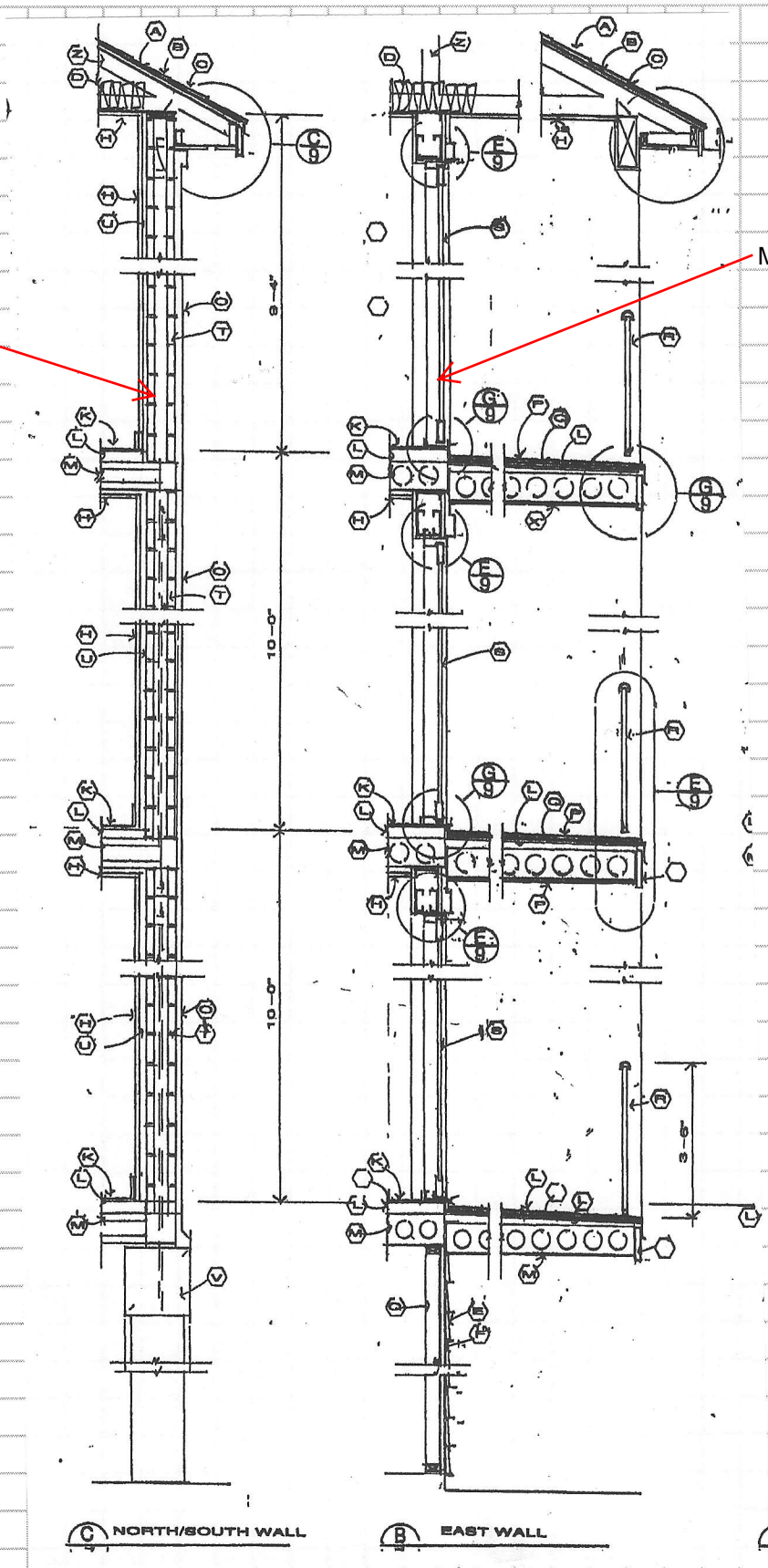

EXTERIOR WALL CROSS SECTIONS

QBS

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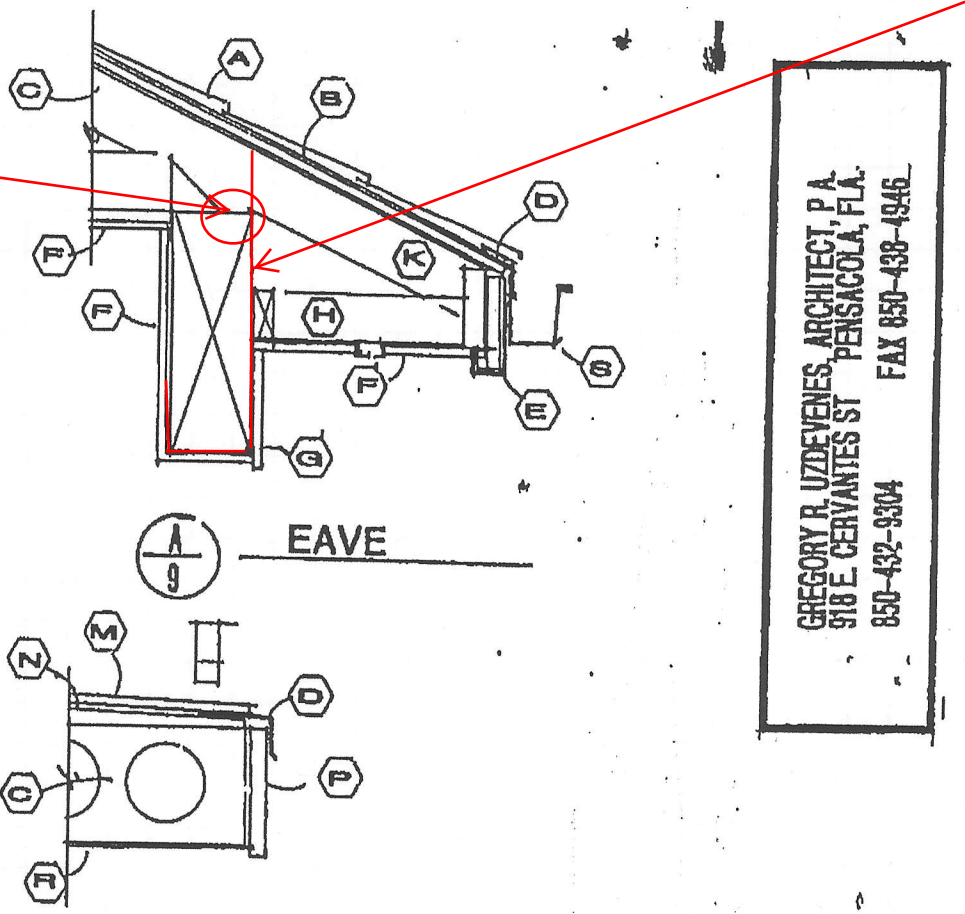

Simpson
H1 Hurricane
Tie Here

Simspon
MTS30
Strap Here

Roof Truss Hurricane Ties

QBS