



Prepared by:

ATKINS ENGINEERS

**147 SEVILLA AVENUE CORAL GABLES, FL 33134
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FEBRUARY 16, 2007

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1. Introduction

1. Introduction

The purpose of this report is to verify significant defects and /or deficiencies with respect to architectural, fire protection, structural, mechanical, and electrical systems of the building.

These observations and resulting opinions are based upon current construction methods and standards that are considered normal and customary as of the time of this inspection. The staff of Atkins Engineers has conducted on site observations and on the date indicated within this report. The observations that were made were visual in nature and non-destructive. No demolition unless specifically noted as such was conducted. The exterior of the building was easily observable unless otherwise noted. Access to the interior common areas was provided along with limited access to individual units within the condominium.

This report is believed to be the status of the building as of the dates of the on-site observations. After that date, there will be additional items found to exist. This office may then be contacted and possibly retained to provide additional observations and reporting services.

Atkins Engineers has used its best judgment in making the provided observations and reporting the items presented herein, but Atkins Engineers does not guarantee that all past, present, or potential deficiencies or defective conditions have been found during its inspections or reported.

2. Inspection Procedures

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On site observations consisted of visual examinations of the main building structure, parking area, related accessory structures, roof, certain individual unit areas, and common areas. Representatives of Atkins Engineers performed these observations and Registered Professional Engineers reviewed all information obtained and presented. Outside consultants were contracted to provide services related to elevators and a roof moisture survey. Atkins Engineers was not contracted to and therefore did not perform environmental, asbestos, radon or accessibility reviews for this report.

2.1. Exterior projections and appendages

The exterior portion of the building was observed for structural and/or architectural appendages such as balconies, soffit, eyebrows and/or reveal bands that could exhibit signs of deterioration and/or deficiency in the finish adhesion or completeness. The exterior projections were reviewed for positive slope and/or drainage in order that storm water would not be impeded from draining freely from these surfaces. The projections and/or appendages were visually observed at random for conditions of deterioration such as exposed reinforcing or concrete spalling.

2.2. Structure

Structural elements such as beams, columns, slabs and walls were randomly observed. Other areas within the building such as stairwells and interiors were also included. Where exposed, structural elements were observed for signs of cracking, spalling, rust, discoloration stains, or misalignment.

2.3. Finishes

Finishes were visually reviewed for completeness in application, uniformity and condition. Finishes in the interior of the building, which were viewed at random, were judged to be the building standard and representative of all areas within the project. The type of finish and condition for the interior of the building was recorded.

2.4. Plumbing

The plumbing system was reviewed for general conformance with building standards and basic construction. The conditions of plumbing fixtures in individual sample units observed were noted. Such items as lift stations, type of pipe, and construction are reported. Gas distribution system, domestic water supply and fire protection system information is provided, if applicable.

2.5. Doors and Windows

Fire doors were checked in common area doors at random. Sliding glass doors and windows, if applicable, were checked for operation, whether or not glass was complete and if sealant was provided at the door periphery. In addition, the sliding glass door hardware and finish were noted. Moisture penetration of the exterior building envelope, if observed, is reported.

2.6. Common Areas

Common areas, which are comprised mainly of corridors and accessory use rooms, such as storage and mechanical/electrical spaces, were reviewed. These areas were visually reviewed for general conformance with construction standards. Finishes were visually reviewed for completeness and irregularities or non-complying instances that were observed are noted.

2.7. Exteriors

Street level exteriors, accessory use areas, parking and loading areas were observed. These areas are comprised, in part, of paving, drainage, service areas, accessory use areas, and dock areas. Street level exteriors were visually reviewed for completeness and for general conformance with construction standards. Paving was reviewed for surfacing, drainage and/or ponding conditions. A property line survey was not accomplished and all dimensions and areas reported are approximated. Service areas, stairs, and loading dock areas were reviewed for general conformance with construction standards. Landscaping and sidewalk areas were reviewed with conditions being reported.

2.8. Roof

The general field of the roof was visually reviewed for type of roof, area, and slope. Items reviewed include; whether or not previous maintenance has occurred on the project, the condition of the roof membrane, the condition of the flashing and miscellaneous items particular to the type of roof. In addition, a moisture survey was conducted by Roof Leak Detection Company Inc. and is provided under the Tab entitled "Moisture Survey".

2.9. Mechanical and Electrical

Random sampling of electrical and mechanical equipment was conducted. Present condition and general observation of equipment operation are noted. The equipment was not operationally tested.

2.10. Unit Owner Questionnaire

A unit owner questionnaire was distributed to the Owners. Units selected by our firm and/or by Management were reviewed and items that were considered as reoccurring as shown by reviewing the unit questionnaire were given particular attention.

2.11. Elevator Evaluation

Lerch, Bates and Associates Inc. was retained to perform an evaluation of the elevators for the building. Their evaluation including an estimate of probable cost is provided under the Tab entitled "Elevator Evaluation".

3. Building Information

3. Building Information**Building General Information:**

Project Name : Hamptons South
Address : 20201 East Country Club Drive
City : Aventura
State : Florida Zip: 33180
Category : Condominium
Date of Inspection : September - October 2006

Contact Information:

Contact : Jannette Borjas, Property Manager
Address : 20201 East Country Club Drive
City : Aventura
State : Florida Zip: 33180
Phone Office : 305-932-8882 ext. 222
Fax : 305-932-9760

Physical Information:

Number of Buildings	:	1
Total Area of Building	:	Approx. 897,000 sq ft
Area of Land	:	Approx. 191,054 sq ft (4.38 Acres)
Number of Floor Levels	:	28
Number of Units	:	250
Number of Parking Spaces	:	349

Codes/Standards Information:

We have researched the Building Department files at the Town of Surfside. Our review indicates the Building Permit Number was 04678 issued on 07/20/2004.

Given the above permit information the following codes and standards were used in the preparation of our report:

- South Florida Building Code, Dade County Edition 1996
- National Fire Protection Association (NFPA):
 - NFPA 101: Life Safety Code, Edition 2000
 - NFPA 70: National Electrical Code, Edition 1999
- American Concrete Institute (ACI), Edition 318-95
- ASME A17.1 Safety Code for Elevators
- ASTM American Society of Testing Materials

4. Architectural/Structural Observations

01-01 Parking Spaces**Observation**

The drawings specify 368 parking spaces including 8 handicap. 349 spaces have been provided.

Location

Parking Garage

Criteria

Architectural Drawings A.0, A.2 and A.3

Recommendation

Provide properly sized and designated parking spaces. Provide documentation from Authority Having Jurisdiction (AHJ) that there are an adequate number of spaces for the building.

**03-01 Concrete Member Cracks****Observation**

Concrete beams, columns, walls and slabs are cracked/spalling. See Appendix for further information.

Location

Parking Garage

Criteria

SFBC Section 2508.5

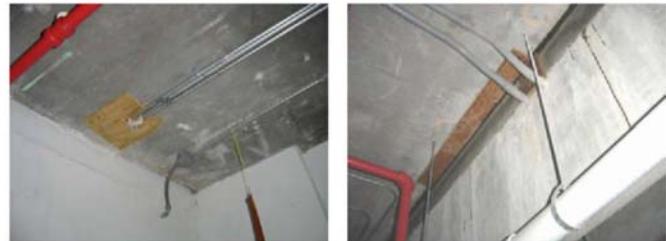
Recommendation

Further investigation is required to determine the cause and extent of the reported condition and any remediation required. See Appendix for further information.



03-02 Formwork*Observation*

There is formwork (plywood) remaining on the structure.

*Location*

Parking Garage

Criteria

SFBC Section 2507.2(c)

Recommendation

Remove formwork and finish the areas as required to match adjacent surfaces.

03-03 Parking Bumpers*Observation*

The parking bumpers are loose and/or broken.

*Location*

Front entry Valet and Parking Garage

Criteria

Architectural Drawing A.1

Recommendation

Repair or replace damaged concrete bumpers as required. Attach bumpers as shown on the drawings after removal of old dowels and epoxy.

03-04 Post-Tensioned Cable Cover*Observation*

There was a post-tensioned cable end exposed.

Location

West side front Balcony

Criteria

SFBC 2510.9

Recommendation

Further investigation is required to determine the cause and extent of the reported condition and any remediation required. As a minimum, fill pocket with non-metallic, non-shrink grout and finish to match existing.

**03-05 Railing Post Pockets***Observation*

The railing post pockets are not completely filled with grout.

*Location*

Tennis Court Area

Criteria

Architectural Drawing A.73

Recommendation

Fill the post pockets to the top with an anchoring cement approved for exterior use.

03-06 Slab on Grade Cracks**Observation**

The slab on grade has cracks.

**Location**

Parking Garage

Criteria

SFBC Section 2508.5

Recommendation

Detail cracks, clean and seal with flexible sealant.

03-07 Stair Riser Height Variations**Observation**

Variations within a flight exceed the 3/16 inch between risers and/or the 3/8 inch in the flight.

**Location**

Stair 1/2 and 9/10

Criteria

SFBC Section 3103.3d Table 31-B; NFPA 101 Section 5-2.2.2.4

Recommendation

Grind, saw cut or otherwise adjust the stairs to eliminate or reduce the riser height variation and meet Code requirements. All other Stair wells should be inspected for the same condition.

05-01 Corroded StudsObservation

Corroded metal studs and track were observed in areas of the Spa that are under repair.

Location

Spa

Criteria

SFBC 2807

Recommendation

Remove and replace corroded studs and track prior to installation of waterproofing and finishes.

**07-01 Expansion Joint**Observation

There was evidence of water intrusion through the expansion joint. In addition, there was cracked/spalling concrete and exposed reinforcing.

Location

Parking Garage near space G-13

Criteria

Industry Standards, Manufacturer Recommendations

Recommendation

Remove damaged expansion joint material, clean concrete surfaces, patch concrete as required with non-shrink grout, install new joint material, finish to match existing.



07-02 Garage Pipe Penetrations*Observation*

Pipe penetrations from the garage through the ceiling slab are not properly fire sealed.

Location

Parking Garage

Criteria

Architectural Drawing. A.65

Recommendation

Provide proper sealant according to architectural drawings.

**07-03 Planter Waterproofing***Observation*

The planter waterproofing is not as per the plans.

Location

Parking Garage

Criteria

Architectural Drawing A.72

Recommendation

Repair planter per Architectural and Landscape drawings.



07-04 Roof Tiles**Observation**

There are missing and/or broken roof tiles.

**Location**

Pro shop building at tennis court level

Criteria

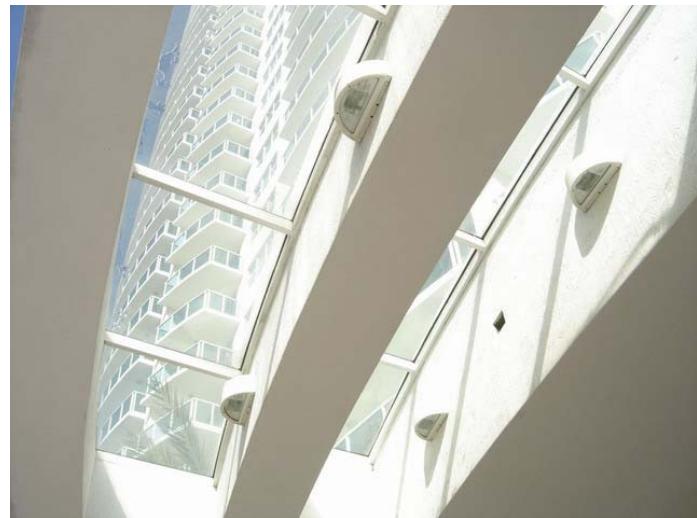
Industry Standards

Recommendation

Remove and replace damaged roof tile.

07-05 Skylight**Observation**

The skylights exhibit signs of water intrusion.

**Location**

Front Entry Canopy

Criteria

Industry Standards, Manufacturer Recommendations

Recommendation

Remove and replace damaged flashing and caulk in accordance with manufacturer requirements to preclude water intrusion.

08-01 Closet Door Jamb**Observation**

The closet door frame is wood instead of metal as shown on the drawings and the hardware missing.

**Location**

Club Room and Gym/Spa

Criteria

Architectural Drawing A.66

Recommendation

Provide required hardware and adjust swing for proper closure.

08-02 Door Adjustments**Observation**

Doors do not operate properly and require adjustments and/or alignment.

**Location**

Lobby to Pool, Receiving and Parking Garage

Criteria

Industry Standards

Recommendation

Adjust doors to insure proper operation, replace as required.

08-03 Door Finish**Observation**

Doors and/or frames are not finished properly and there is evidence of corrosion.

Location

Main Roof

Criteria

Architectural Drawing A.66

Recommendation

Repair doors and/or frames and provide finish to match existing.

**08-04 Door Hardware****Observation**

Doors have hardware that is not secure and/or is corroded.

Location

Main Roof and Service Area

Criteria

Industry Standards

Recommendation

Secure hardware to door and insure proper hardware operation, replace as required.



08-05 Door Signage Missing*Observation*

The doors were missing identification signs.

*Location*

Service Area and Parking Garage

Criteria

Industry Standards

Recommendation

Signage should be provided for all doors leading in and out of common areas.

08-06 Exterior Glass Door*Observation*

The glass door is broken.

*Location*

Pro Shop at Tennis Level

Criteria

Architectural drawing A.59

Recommendation

Replace in kind aluminum and glass door per plan and details.

08-07 Impact Glazing and Shutters*Observation*

RC Aluminum shop drawings specify glazing with shutters on the north elevation at the lobby and 3rd floor levels.

Location

Exterior Wall Openings

Criteria

RC Aluminum Shop Drawings Sheet 03

Recommendation

Provide Dade County Notice of Acceptance for installed windows. Provide shutters for the windows designated on the drawings to receive them.

**09-01 Acoustic Ceiling Tiles***Observation*

There were missing ceiling tiles.

*Location*

Property Manager Office

Criteria

Architectural Drawing A.67

Recommendation

Replace missing ceiling tiles.

09-02 Base MoldingObservation

The base molding is damaged, missing or improperly installed.

Location

Lobby Level, Offices

Criteria

Architectural Drawing A.67

Recommendation

Replace damaged and missing molding. Reinstall the base molding to remove all gaps and finish area to match surrounding.

09-03 Ceiling Finish DamageObservation

The ceiling finish is damaged and there is evidence of water intrusion.

Location

Main Lobby, Gym, Club Room

Criteria

Architectural Drawing A.67

Recommendation

Further investigation is required to determine the source and extent of the water intrusion and any remediation required. As a minimum, remove and replace damaged materials and finish to match existing.

09-04 Exterior Wall Finish**Observation**

There are exterior walls that have not been properly finished.

Location

Receiving Areas

Criteria

Architectural Drawing A.68

Recommendation

Provide a uniform finish that matches existing.

**09-05 Exterior Wall Patching****Observation**

There are areas of the wall that are under repair.

Location

Entry and Exit Ramp at Parking Garage

Criteria

Architectural Drawing A.72

Recommendation

Apply bonding agent as required, stucco and finish to match existing.



09-06 Gazebo Construction**Observation**

There are missing and broken roof tiles. In addition, the roof slope does not appear to be 7:12 and no arches were constructed.

Location

Gazebo by wadding pool

Criteria

Architectural Drawing A.59

Recommendation

Remove and replace all damaged roof tile. Provide slope and arches per architectural drawing.

**09-07 Interior Wall Finishes Incomplete****Observation**

Wall finishes are incomplete or uneven, and surfaces require refinishing.

Location

Lobby Level Corridors

Criteria

Architectural Drawing A.67

**Recommendation**

Repair damaged areas, finish wall to match existing.

09-08 Parking StripingObservation

Parking space striping has deteriorated and should be repainted.

Location

Front entry Valet and Parking Garage

Criteria

Architectural Drawing A.2

Recommendation

Repaint parking stripes.

**09-09 Stucco Cracks**Observation

Cracks and/or spalling were observed on the exterior walls.

Location

Main Roof, Pool Deck Ceiling

Criteria

SFBC 3504.1

Recommendation

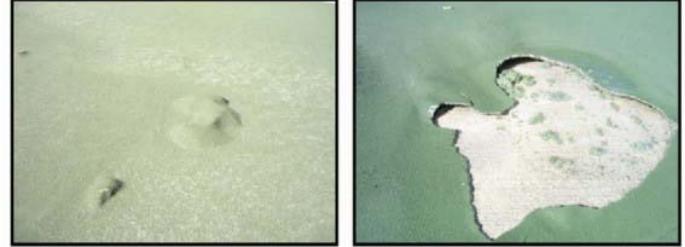
Remove delaminated stucco, inspect wall for cracks and repair as required. Apply bonding agent as required, re-apply stucco. Detail cracks and seal with flexible sealant. Finish to match existing.

09-10 Tennis Court Surface**Observation**

The tennis court surfacing is blistered and delaminating.

Location

Tennis Courts

**Criteria**

Architectural Drawing A.58

**Recommendation**

Remove blistered and delaminating surfacing, clean and reinstall in accordance with manufacturer recommendations.

09-11 Toilet Partition**Observation**

The men's room toilet door and partition are out of plumb.

**Location**

Lobby Level Men's Toilet

Criteria

Industry Standards

Recommendation

Adjust door and partition to provide a uniform appearance.

09-12 Wall EfflorescenceObservation

There is efflorescence in areas of the wall.

Location

Pool Deck

Criteria

SFBC 3504.01

Recommendation

Efflorescence is caused by moisture within the wall. Correct water intrusion, remove delaminated stucco, clean, patch, detail all cracks and seal with a flexible sealant. Finish all repaired areas to match existing.

**10-01 Exit Sign**Observation

Exit signs are missing and/or broken.

Location

Parking Garage, Roof, Tennis Courts

Criteria

SFBC 3102.10, Electrical Drawing E-1

Recommendation

Provide the required exit signs in accordance with Code.



13-01 Pool CorrosionObservation

Rust stains were observed on the pool surface.

Location

Pool

Criteria

Drawing SP-1.06

Recommendation

Selective demolition is recommended to determine the extent of the reported condition. Remove finish, expose corroded steel, clean and treat steel, apply bonding agent, patch with non-shrink grout and apply finish to match existing.

**22-01 Garage Flooding**Observation

The storm drainage system is not functioning properly causing flooding of the ground floor in the garage and the exterior landscaped areas.

Location

Parking Garage and Pump Rooms on Ground Level, Exterior/Site

Criteria

SFBC 4611.1

Recommendation

Further investigation is required to determine the cause and extent of the reported condition and any remediation required.



22-02 Pipe Hangers*Observation*

There are corroded and abandon pipe hangers in the ceiling slab. The pipe is not properly supported by the hanger in some locations.

Location

Parking Garage

Criteria

SFBC 4609.3

Recommendation

Wire brush, clean and paint corroded hangers with corrosion inhibiting paint. Provide hangers at proper intervals that support the pipe in accordance with Code.

**22-03 Trench Drain***Observation*

The trench drain was built too high up the ramp to provide proper drainage.

Location

Parking garage entrance

Criteria

SFBC 4611.1

Recommendation

Provide drainage structure in a location that will adequately capture the runoff from the ramp.



32-01 Damaged Pavers*Observation*

The pavers are loose, cracked, stained and/or improperly installed.

*Location*

Main entry/exit ramp and receiving areas

Criteria

Industry Standards

Recommendation

Remove and replace damaged and/or improperly installed pavers.

**32-02 Entry Water Feature***Observation*

There is extensive algae build-up on the pond.

*Location*

Site Entry

Criteria

Industry Standards

Recommendation

Further investigation is required to determine the cause of the reported condition and any remediation required.

32-03 Gate Operation*Observation*

The access gate does not operate properly.

Location

Service Entry

Criteria

Industry Standards

Recommendation

Replace the latch and ensure proper gate operation.

**32-04 Sidewalk and Curb***Observation*

The concrete sidewalks, curb and gutter are cracked and spalling.

Location

Front Receiving area and Main entry/exit drive

Criteria

Architectural Drawing A.1

Recommendation

Clean, apply bonding agent and patch with grout. Remove and replace sections that are beyond repair.



5. Electrical Observations

26-01 Communication Equipment Wiring**Observation**

Communication equipment has been installed in close proximity to the transformer.

**Location**

Electrical Rooms

Criteria

NEC 110-26

Recommendation

Relocate communications equipment installation and secure the cables.

26-02 Electrical Devices Installation**Observation**

Open light fixture outlet, deteriorated GFCI receptacle and cover, and corroded switch was observed in the tennis court area.

**Location**

Tennis Court Area

Criteria

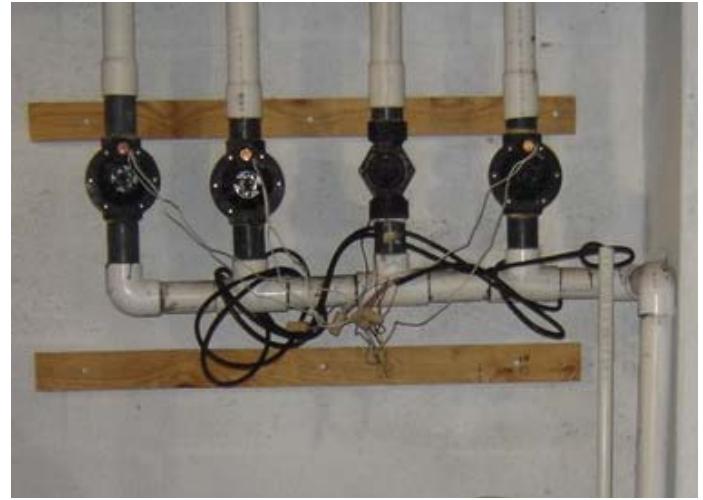
NEC 110-11

Recommendation

Verify outdoor devices for appropriate weather proof rating. Close and seal all open electrical outlets. Replace damage components.

26-03 Electrical Installation Methods*Observation*

Irrigation zone control valve installation is not properly secured.

*Location*

Garage

Criteria

NEC 110-3

Recommendation

Terminate and secure wiring. Remove excess wiring.

26-04 Electrical Installations*Observation*

Open conduits and junction boxes were observed. Junction boxes have not been identified. EMT conduit slab penetration is covered with plywood.

Location

Garage

Criteria

NEC 110-3

Recommendation

Close and seal open conduits and junction boxes, label junction boxes covers and seal slab penetrations.



26-05 Electrical Panel Breaker Identification*Observation*

Electrical panels have not been properly identified. Branch circuit breakers are not labeled.

*Location*

Main Electrical Room

Criteria

NEC 110-3

Recommendation

Identify panel and breakers for the specific use and location.

26-06 Main Electrical Room Ventilation*Observation*

Electrical components exhibit signs of deterioration and corrosion. Equipment appears to have been exposed to high humidity levels.

*Location*

Main Electrical Room

Criteria

NEC 110-11

Recommendation

Provide appropriate ventilation and humidity controls for the environment. Replace damaged components, replace as required.

26-07 Safe Guarding Electrical Installations*Observation*

Electrical conduits and boxes, plumbing drain pipes and A/C conduits are not protected against damage from trash containers.

Location

Trash Room

Criteria

NEC 110-3

Recommendation

Install bollards or metal guards to prevent trash container from damaging existing installations.

**26-08 Transformer Installation***Observation*

High voltage transformer has been installed in an open area subject to flooding.

Location

Garage

Criteria

NEC 450-8

Recommendation

Relocate transformer. Enclose area to prevent damage from unauthorized personnel.



6. Mechanical Observations

22-01 Abandoned Pipe**Observation**

There is a pipe extending into the trash room that has been capped. The pipe appears to come from the elevator shaft but no pipe is shown on the drawings at this location.

Location

Ground Floor Trash Rooms

Criteria

Plumbing Drawings P-4 and P-5

Recommendation

Determine why the pipe was installed but not connected. See Appendix.

**23-01 Cooling Tower Backup****Observation**

The each of the cooling towers has a pump and a boiler. None of the components has a backup and the towers are not interconnected.

Location

Cooling Towers

Criteria

Industry Standards

Recommendation

There should be some redundancy in the building systems since there are four cooling towers. Provide piping for bypassing malfunctioning equipment during any down time.



23-02 Cooling Tower FanObservation

The cooling towers have not been equipped with variable frequency drives (VFD). This results in sudden starting and stopping of the 20hp motors.

Location

Cooling Towers

Criteria

Manufacturer Recommendations

Recommendation

Provide each cooling tower with a VFD or modify the motors and/or controls to allow a soft-start in order to prevent the current power surge, noise and vibration.

**23-03 Heat Exchangers**Observation

The condenser water system was installed without heat exchangers resulting in the cooling tower water being recirculated throughout the system.

Location

Roof Mechanical Rooms

Criteria

Industry Standards

Recommendation

Testing of the condenser water at the A/C units on the lower floors is recommended. Further investigation is required to determine any remediation necessary.



23-04 Rooftop Exhaust Fans*Observation*

The dryer and toilet rooftop exhaust fans were installed with timers. See Appendix.

Location
Roof

Criteria

Mechanical Drawing M-28

Recommendation

Provide fans with solid state speed control in accordance with the drawings.

**23-05 Sanitary Gas Odors***Observation*

Sanitary sewer odors have been noticed in the lobby area.

Location
Main Lobby

Criteria

SFBC 4610.9

Recommendation

Further investigation is required to determine the cause and extent of the reported condition and any remediation required. There may be defect sanitary vents discharging into the return air plenums.



7. Roof Observations

07-01 Counter Flashing Laps*Observation*

Counter flashing laps are loose and unsealed.

*Location*

Main Roof

Criteria

SFBC 3408.6

Recommendation

Repair loose flashing installations and seal flashing joints.

07-02 Flashing Deterioration*Observation*

The metal flashing is corroded.

*Location*

Main Roof

Criteria

SFBC Section 3408.1(a)

Recommendation

Remove the rust stains and provide a protective coating to prevent future corrosion. Replace flashing as required.

07-03 Roof Columns

Observation

There are short columns on the roof that are not specified on the drawings.



Location Roof

Criteria

Structural Drawing S-27

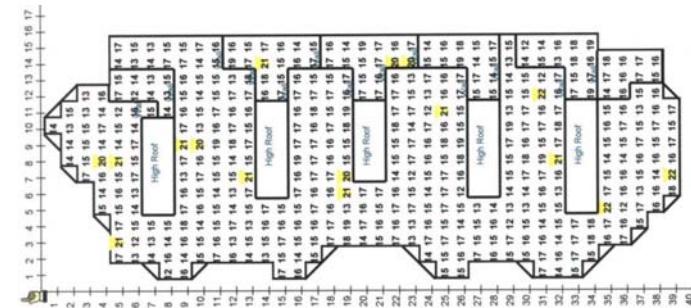
Recommendation

Determine why columns were constructed. Provide drawings that reflect the as-built condition. Provide a signed and sealed set to the Building Department and a copy to the Association.

07-04 Roof Membrane Moisture

Observation

There were areas of the roof membrane that had an elevated level of hydrogen. This indicates that moisture is present.



Location Roof

Criteria Industry Standards

Recommendation

See Roof Moisture Survey

22-01 Backflow Preventer Leaks*Observation*

The backflow preventer for the condenser water system make-up line is leaking.

Location
Roof

Criteria
SFBC 4614.3

Recommendation

Repair backflow preventer, replace as required. Remove and replace damaged roof membrane and insulation.

**23-01 Condenser Water Pump Spring Isolators***Observation*

The spring isolators for the condenser water pumps are corroded.

Location
Roof

Criteria
Industry Standards

Recommendation

Remove and replace corroded spring isolators with ones suitable for exterior exposure.



23-02 Cooling Tower*Observation*

The cooling towers that have been provided are Marley, not Protech Model PCT-700 as specified on the drawings.

Location
Roof

Criteria

Mechanical Drawing M-28

Recommendation

Provide drawings that reflect the as-built condition. Provide documentation that cooling towers installed meet the design requirements of the Engineer of Record and have been approved by the Building Department.

**23-03 Cooling Tower Access Doors***Observation*

The cooling tower basin access doors and locks are corroded and not functioning properly.

Location
Cooling Towers

Criteria

Manufacturer Recommendations

Recommendation

Replace access door hardware and refinish doors, replace doors as required.



23-04 Cooling Tower Leaks*Observation*

The cooling tower is leaking from the sides and intake panels. There is algae growth around the leaking areas.

Location

Roof

Criteria

Industry Standards, Manufacturer Recommendations

Recommendation

Further investigation is required to determine the cause of the reported condition. As a minimum, clean the area with solvents and finish to match existing. Remove and replace damaged stucco, flashing and roofing as required.

**23-05 Cooling Tower Vibration Isolators***Observation*

Thin isomode pads have been installed instead of spring type vibration isolators. This results in excessive vibration and noise, particularly in the penthouse units below.

Location

Roof

Criteria

Manufacturer Recommendations, Industry Standards

Recommendation

Provide stainless steel spring isolators.



26-01 Electrical Conduit Installation*Observation*

The horizontal run of the electrical EMT conduit has only one vertical support.

Location
Roof

Criteria
NEC 348-13

Recommendation

Add additional vertical supports.

**26-02 Electrical Installations***Observation*

Corroded electrical enclosures, open conduits and unsupported conduits were observed.

Location
Roof

Criteria
NEC 110-11 and -12

Recommendation

Replace damaged electrical components. Support, close and seal conduits. Verify electrical component rating for use in outdoor installations.



26-03 Flexible Conduit Installation*Observation*

The liquid tight flexible conduit for the condenser water pump has not been properly supported.

Location
Roof

Criteria
NEC 351-8

Recommendation

Add support brackets for the conduits.

**26-04 Lightning Protection***Observation*

The lightning protection system installed on the roof is not in accordance with the drawings. See Appendix.

Location
Roof

Criteria
Electrical Drawings E-13 and E-13A

Recommendation

See Appendix.



8. Unit Observations

03-01 Balcony Edge Crack*Observation*

Cracks were observed at the balcony edge emanating from the post pocket. Evidence of water intrusion was observed.

*Location*

10% of Units observed, including 2710

Criteria

SFBC Section 2508.5

Recommendation

Further investigation and testing is required to determine the cause and extent of the reported condition and any remediation required. The cracks could be the result of improper post pocket material being used.

03-02 Balcony Railing Post Pockets*Observation*

The railing post pockets are not completely filled with grout.

*Location*

10% of Units observed, including 2609

Criteria

Architectural Drawing A.73

Recommendation

Fill post pockets completely with non-shrink grout suitable for exterior exposure, slope grout away from post to drain. Removal of finishes may be required.

03-03 Balcony Slab Corrosion*Observation*

There is exposed and corroded wire ties, nails and/or reinforcing at the balcony slab.

*Location*

8% of Units observed, including 402

Criteria

SFBC 2508.5

Recommendation

As a minimum, remove stucco/concrete, remove exposed ties/nails, clean reinforcement, apply bonding agent and patch with non-shrink grout, finish to match existing.

05-01 Balcony Railing Termination Gap*Observation*

Gaps at railing terminations are approximately 4-3/4" which is larger than allowed by Code.

*Location*

4% of the Units observed, including 1802

Criteria

SFBC Section 516.2

Recommendation

Relocate railing to provide a gap in accordance with Code, or provide additional vertical picket to reject a 4" diameter sphere.

07-01 Wall/Slab Penetrations*Observation*

There are wall/slab penetrations missing the proper fire stop material.

Location

Typical A/C closet

Criteria

Architectural Drawing A.65

Recommendation

Provide proper sealant according to architectural drawings.

**07-02 Water Intrusion***Observation*

There was evidence of water intrusion at the doors, walls and/or ceiling. See Appendix

Location

21% of Units observed, including 403. Additional Units were reported.

Criteria

Industry Standards

Recommendation

See Appendix



08-01 Door Adjustments*Observation*

Doors do not operate properly and require adjustments and/or alignment.

*Location*

22% of the Units observed, including 1802

Criteria

Industry Standards

Recommendation

Adjust doors to insure proper operation.

08-02 Door Closers*Observation*

Several doors do not have closers or the closers are not working properly.

*Location*

23% of the Units observed, including 2707

Criteria

SFBC Section 3110.3

Recommendation

Repair or replace door closers as required.

08-03 Door Finish*Observation*

Doors and/or frames are not finished properly.

*Location*

3% of the Units observed, including 1505

Criteria

Architectural Drawing A.66

Recommendation

Clean and refinish doors and/or frames to match existing.

08-04 Door Hardware*Observation*

Doors have hardware that is not secure and/or is corroded.

*Location*

21% of the Units observed, including 709

Criteria

Industry Standards

Recommendation

Secure hardware to door and insure proper hardware operation, refinish or replace as required.

08-05 Sliding Glass Door Hardware*Observation*

Sliding glass doors have hardware is not secure and/or is broken.

*Location*

13% of the Units observed, including 1505

Criteria

R.C. Aluminum Shop Drawings

Recommendation

Replace broken hardware, secure hardware and adjust the locking mechanism to insure proper hardware operation.

08-06 SGD/Window Caulking*Observation*

Sliding glass doors and/or windows are not properly caulked or sealed.

*Location*

5% of Units observed, including 2807

Criteria

R.C. Aluminum Shop Drawings

Recommendation

Remove deteriorated caulk, clean joint and apply new caulk.

08-07 SGD/Window Deterioration*Observation*

Sliding glass doors and/or windows exhibit signs of deterioration.

*Location*

13% of the Units observed, including 1208

Criteria

R.C. Aluminum Shop Drawings, SFBC
3508.3(c)

Recommendation

Further investigation and testing is required to determine the cause and extent of the reported condition. As a minimum, refinish doors and/or windows. Replacement may be required.

08-08 SGD/Window Glazing Gaskets in Unit*Observation*

Sliding glass door and/or window glazing gaskets are deteriorated, loose or missing.

*Location*

3% of Units observed, including 402

Criteria

ASTM C509

Recommendation

Remove and replace damaged gaskets.

08-09 SGD/Window Operation Improper*Observation*

Sliding glass doors and/or windows do not operate properly and are difficult to open and close.

Location

10% of Units observed, including 709. Additional Units were reported.

Criteria

SFBC Section 3508.3(a)

Recommendation

Adjust the windows to operate properly.

**09-01 Base Molding Installation***Observation*

There are gaps between the base molding and the floor and/or wall.

Location

18% of the Units observed, including 402

Criteria

Industry Standards

Recommendation

Reinstall the base molding to remove all gaps and finish area to match surrounding.



09-02 Cabinet Installation Improper*Observation*

Cabinets are not installed properly, are misaligned and/or caulking is cracked.

*Location*

15% of the Units observed, including 809

Criteria

Industry Standards

Recommendation

Realign and adjust as necessary to provide a complete and attractive installation.

09-03 Carpet Installation*Observation*

Carpet is damaged and/or improperly installed.

*Location*

4% of the Units observed, including 1809

Criteria

Industry Standards

Recommendation

Remove and replace the damaged carpeting.

09-04 Ceiling Finish*Observation*

The ceiling is damaged and not properly finished.

*Location*

10% of the Units observed, including 302

Criteria

Architectural Drawing A.67

Recommendation

Repair damaged areas to provide a uniform finish to match existing.

09-05 Crown Molding Installation*Observation*

The crown molding has gaps at the joints and/or wall/ceiling.

*Location*

18% of the Units observed, including 2508

Criteria

Industry Standards

Recommendation

Refinish or reinstall the crown molding to provide a uniform finish throughout.

09-06 Drywall Deficiencies*Observation*

Cracks, gouges, warping, screws, holes and unfinished areas were observed in the drywall.

Location

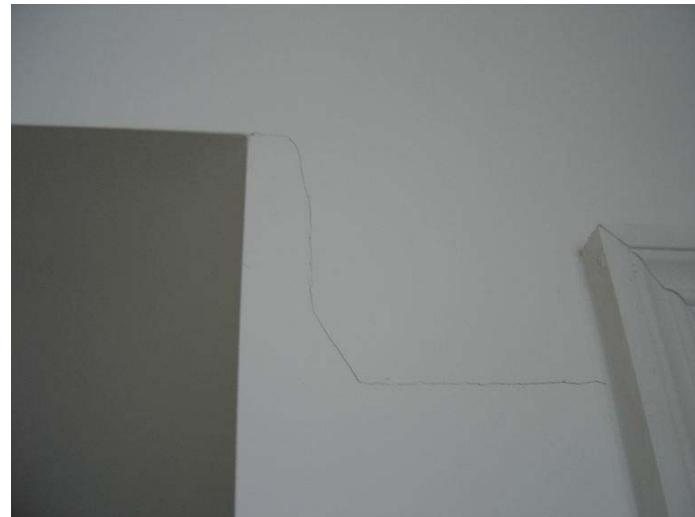
26% of the Units observed, including 1505

Criteria

Improper Installation

Recommendation

Remove damaged materials, cut square, patch, sand and finish to match existing.

**09-07 Floor Finish***Observation*

The travertine tile has cracks and holes, and is crumbling and improperly installed.

Location

77% of the Units observed, including 809

Criteria

Industry Standards

Recommendation

Remove and replace damaged and improperly installed tile. A more durable tile should be considered.



22-01 Piping Noise*Observation*

Spasmodic water noise within the plumbing chases for the utility room and/or the master bath was reported.

Location

15% of the Units observed, including 1809. Additional Units were reported.

Criteria

Industry Standards

Recommendation

Further investigation and possible destructive testing of the shaft wall are required to determine the cause and extent of the reported condition and any remediation required.

**22-02 Plumbing Leaks***Observation*

Evidence of plumbing pipe and/or sprinkler leaks were observed.

Location

5% of the Units observed, including 1107. Additional Units were reported.

Criteria

SFBC 4607.1, NFPA 13 Chapter 6

*Recommendation*

Further investigation is required to determine the cause and extent of the reported condition and any remediation required. As a minimum, remove and replace damaged materials, examine piping and tighten joints as required.

22-03 Water Closet Operation*Observation*

Water closets did not flush properly.

*Location*

22% of the Units observed, including 2508.
See Appendix.

Criteria

SFBC 4613.5, Industry Standards

Recommendation

Further investigation and testing is required to determine the cause and extent of the reported condition and any remediation required.

23-01 A/C Unit Condensate Trap*Observation*

The condensate traps are made with elbows and straight pipe instead of the typical U-trap. This configuration tends to clog with algae.

Location

100% of Units observed

Criteria

Mechanical Drawing M-26

Recommendation

Replace condensate trap with U-trap.



23-02 Return Air Relief Provisions*Observation*

The room has supply air provisions but no return air or relief provisions.

*Location*

Elevator Lobby

Criteria

SFBC 4802

Recommendation

Provide the room with a return grille connected to the return plenum.

26-01 Breakers not Labeled*Observation*

Electrical breakers in panels are not properly labeled.

*Location*

15% of the Units observed, including 1005

Criteria

NEC 384-13

Recommendation

Check each circuit and provide proper labeling listing amperage and identifying circuits.

9. Miscellaneous Observations

Miscellaneous Items

During our inspection, several miscellaneous items were observed or reported throughout the building. Since these items were not consistently found, they were noted and listed for a lump sum estimate. The following is a list of these items:

Item No.	Item Title	Observation	Specific Location
01	Security Room	Water leaks through the wall of the security room next to elevator machine room in all cores.	Roof
02	Concrete Curb	A curb needs to be constructed for the easement at the corner of south access road.	Building Perimeter
03	Concrete Pads	The concrete pads by the entry door to the generator room, switch gear room and fuel tank room are cracked.	Building Perimeter
04	Sliding Glass Door	Sliding glass doors were supposed to replace the doors currently installed.	Building Main Entry
05	Lobby Ceiling	Core A lobby corridor ceiling is damaged next to game room.	Interior Common Corridor
06	Ceiling Unfinished	Fire control room wall and ceiling are not painted.	Fire Control Room
07	Waterfall Feature	Decorative columns on both sides of the waterfall are deteriorating.	Lobby Standing Waterfall
08	Floor/Wall Holes	There are holes in the floor and wall above the entry door inside the housekeeping storage next to the front desk and in the storage corridor that need to be sealed.	Housekeeping Storage, Storage Corridor, Management Office
09	Pool Tile	2 tile depth markers are missing on the east side of the pool.	Pool Deck
10	Pool Sign	Missing wadding pool sign.	Gazebo
11	A/C Distribution	38% of homeowners reported that their A/C system does not provide consistent cooling throughout their home.	Units
12	Sound Transmission	72% of homeowners reported hearing noise through their walls, ceilings and or floors.	Units
13	Mold & Mildew	10% of homeowners reported the smell of mold and mildew	Units
14	Missing Grille	The exhaust fan at the generator room is missing the grille.	Generator Room
15	Pool Coping	There were tiles missing at the pool coping on the south end.	Pool
16	Smoke Detector	A covered smoke detector was observed.	Property Manager's New Office, Units 1809, 2508, 2704
17	Gym Repairs	The sauna, steam room and showers are under repair. Drawings and permit information have not been provided to the Association.	Gym
18	Cracked Sink	The sink in the women's restroom at the Lobby level is cracked.	Women's Restroom
19	Roof Drain	There was a roof drain dome strainer missing.	Roof
20	Outlet Cover	The electrical outlet inside the communications panel was missing the cover.	Unit 2701
21	Microwave	The door for the microwave oven is difficult to open.	Units
22	Sprinkler Heads	Sprinkler heads were observed to be covered with tape.	Units 510, 1809, 2508, 2609
23	Water Closet Handle	The handle on the water closet is too loose or too tight to operate properly.	Units 605, 2606, 2706

24	Hot Water	31% of homeowners reported that the hot water takes an excessive amount of time to reach the faucet.	Units
25	Gym Thermostat	The thermostat for the Gym is located in the hallway leading to the Gym. This makes it difficult to adequately control the temperature in the designated space.	Gym
26	Pool Room Drainage	The 6" drain line in the pool pump room is restricted resulting in flooding of the room and water intrusion at the wall.	Pool Pump Room
27	Generator Exhaust	There were reports of the generator exhaust entering the units above during operation of the generator.	Generator Room Area
28	Bathroom Fixtures	There was grout missing around the tub and other bathroom fixtures.	Units 603, 702
29	Elevator Operation	It was reported that the elevators do not operate properly when homeowners have their sliding glass doors open on a windy day.	Elevators
30	Breaker Cover	There was a breaker cover missing in the electrical panel.	Unit 302

10. Appendix

Architectural/Structural Items:**03-01 Concrete Member Cracks****Observation**

There is evidence of water intrusion through the cracks in the ceiling members.

Recommendation

Structures above garage, including fountains and planters, should be investigated as possible sources of water intrusion. As a minimum, cracks in the concrete should be detailed and sealed with flexible sealant. Remove spalling and loose concrete clean and patch with a non-shrink grout. Provide documentation of previous repairs including materials used.

Mechanical Items:**22-01 Abandoned Pipe****Recommendation**

It appears that the pipe was intended to connect the elevator sump pump with the storm drain line. It was reported that the sump pumps were not installed in the elevator pit as shown on the drawings. Sump pumps should be installed in the elevator pits, connected to the drain lines and routed to the storm drain in accordance with the drawings.

23-04 Rooftop Exhaust Fans**Observation**

The timers have been disabled due to the fact that they were not providing adequate ventilation. The fans are now being run manually. The drawings specify fans with solid state speed control.

Roof Items:**13-01 Lightning Protection****Observation**

In addition, the lightning mast provided has not been properly attached to the structure.

Recommendation

Provide drawings that reflect the as-built condition. Provide documentation that system installed meets the requirements of NFPA 780 and has been approved by the Engineer of Record and Building Department. Repair damaged concrete, masonry, flashing, roofing and stucco; properly attach all masts and associated equipment to the structure.

Unit Items:**07-02 Water Intrusion***Observation*

At the penthouse units there is evidence of water intrusion through the door that accesses the roof terrace and through the floor mounted A/C grille. Additional units experience water intrusion in the service corridor and stairwell area. There have also been reports of water intrusion at the sliding glass doors and windows.

Recommendation

Further investigation and testing is required to determine the cause and extent of the reported condition. As a minimum, remove and replace damaged drywall, flooring, molding, mechanical and electrical components, and finish to match existing. An environmental consultant should be retained to review mold and mildew issues.

22-03 Water Closet Operation*Observation*

There have been reports of water closet backups and overflows when the fixture was not in use. There have also been reports of suds backups in the water closets. The plumbing plans indicate that the clothes washers discharge into the same stack as the water closets.

11. Roof Moisture Survey

Roof Leak Detection Company, Inc.

LICENSED: STATE OF FLORIDA
CERTIFIED: Troxler Electronic Laboratories
CERTIFIED: Infrared Thermographer
INSURED: General Liability

5189 Palazzo Place
Boynton Beach, FL 33437
Telephone (561) 736-9950
(800)330-0684
Fax (561) 736-9433

October 23, 2006

Mr. Toby Maxwell
Atkins Engineering
147 Sevilla Ave.
Coral Gables, FL 33134

Re: Roof Moisture Survey

Dear Toby,

A Roof Survey was completed on Hamptons South Condominium located at 20201 E. Country Club Drive in Aventura, Florida.

PURPOSE: The purpose of the survey, through visual and isotopic inspection data, is to provide a non-destructive means to detect moisture by determining the amount of hydrogen within the layers of the roof using a nuclear (isotopic) Roof Moisture Gauge. The gauge penetrated up to eight inches of roof and its coatings and the readings are of 7.5 seconds duration.

VISUAL INSPECTION: A visual inspection was completed with the findings noted. The visual inspection is an important part of the complete roof survey to:

1. Identify signs of roof membrane degradation such as cracks, blister, flashing failures, blocked drains, ponding of water, settlement, debris, erosion or displacement of the aggregate covering, neglected areas, if any, etc. - all factors which contribute to the aging and failure of a roof system.
2. Establish the extent of repairs required and recommend preventive maintenance procedures to be followed to maximize the roof life at minimum cost to prevent further moisture damage and deterioration of the existing system and thereby minimize the heat energy loss through the roof.

METHOD: Hydrogen readings were taken at ten foot intervals and the data recorded on the corresponding grid drawing. 446 primary readings were taken for the building. Additional secondary readings are taken, as needed.

Roof Moisture Survey Report
Hamptons South Condominium
October 23, 2006

LIMITING CONDITION TO INSPECTION: *THIS IS A ROOFTOP SURVEY ONLY.*
Core samples to determine composition, condition of the roofing membrane and insulation were
NOT made.

ROOF GRAPH: The enclosed computerized graph was prepared from the data collected and a mathematically-formulated histogram divides through frequency distribution of the hydrogen readings recorded by the survey into four "level" in relation to the "norm" established during the inspection as outlined in the "Legend".

ANALYSIS AND RECOMMENDATIONS: The surface of the roof was dry at the time of the test. Hydrogen readings are in a low to moderate to range. The building has a modified bitumen roofing system; the flashing is in good condition; the type of insulation was not identified. Drainage is good and general condition of the roof is good.

The following is suggested:

1. HYDROGEN READINGS: The hydrogen readings are in a low to moderate range (12-22). The purpose of the moisture test is to try to identify areas with wet material and following the moisture test, the customary procedure is for core samples be taken in high - reading areas (shown in red, green and yellow) to determine the condition of the felts and substrate and if wet, remove all wet material and replace with dry, using the same type of insulation as in the original roof. The hydrogen readings shown are an indication of moisture entering the roof system.

Additional core samples may be taken as outlined in the "legend" to determine the condition of the material and, if wet, make a determination.

2. PITCH PANS: At the present time the pitch pans do meet Building Code Compliance. With the exception of the missing pitch noted in the photos.

Roof Moisture Survey
Hamptons South Condominium
October 23, 2006

3 ROOF DRAINAGE: The overall rapid exhaustion of storm water from the roof surface is good.

4 BLISTERS, BUCKLES: All blisters should be repaired by removing damaged felts and surfacing materials to a dry surface at least 2 1/2 feet beyond the edge of the blister. Clean the area to be repaired of all debris. Cut the blister plies off so that no loose felt remains. Ensure that the area within the blister is dry. Apply a thin coat of primer. After the primer has fully dried cut a piece of granular surfaced top ply, base sheet or other suitable material approx. 9" wider than the blister area and lay it over the blister area to serve as a slip sheet for the intended repair.

Install the same type and weight of plies as were used in the original in hot asphalt or cold adhesive, as appropriate. Extend the bottom ply of felt at least 6" beyond the area being repaired. Extend each succeeding ply at least 3" beyond the lower ply. **We did not observe wide spread blistering on this roof and the repair recommendation is for future reference only.**

5 FLASHING: The flashing is properly installed and meets Building Code Compliance.

IN CONCLUSION: In our opinion this roofing system does meet local Building Code Compliance requirements. A routine maintenance program should be implemented and the recommendations in this report should be completed as soon as possible to prevent damage to the roofing system.

LONG TERM:

a) Long-Term planning should continue to include monitoring on an annual basis, at minimum with a **Roof Moisture Survey** before any future preventative maintenance is considered.

Roof Moisture Survey Report
Hampton South Condominium
October 23, 2006

CONCLUDING REMARKS: SHOOTING AT TEN-FOOT INTERVALS WILL GENERALLY FINDS MOST LEAKS. However, on rare occasion small leaks in between test areas may not have wicked far enough to elevate the surrounding readings and will be undetected. I wish to emphasize that this is only on rare occasions. We prefer to return on a yearly basis to retest and compare with the previous years survey to see if the entire roof is improving or getting progressively worse and whether or not the roof requires rejuvenation or patching in order to stop deterioration.

We are nationally-licensed operators of a Roof Moisture Gauge on an Engineers level and supply the test results from the gauge which is sensitive to hydrogen atoms. We are not roofers nor do we engage in any aspect of roof repair. With changing techniques in the roofing industry today much of the final decisions pertaining to roof repair and/or application techniques should be based upon a roofing contractor or Engineers expertise, for only he or she can determine the final results. The recommendations in this report are for your guidance only.

The U.S. Army Corps. of Engineering in an article published in "The Military Engineer", April 1982, Vol. 74, No. 479, has this to say about Roof Moisture Surveys.

Roof Moisture Surveys have proven to be a very effective method for improving the long-term performance and reducing the life-cycle cost of roofing systems. It is generally agreed that it is technically unwise and fiscally irresponsible to develop plans for the maintenance, repair or replacement of a roof without first conducting a Roof Moisture Survey.

Roof Moisture Survey
Hampton South Condominium
October 23, 2006

Detecting and repairing wet areas when they are small is the key to maintaining a proper protective barrier between the insulation and the elements and extending the life of a roof. Roof Moisture Surveys can be a quick and effective, reliable and a low-cost method for detecting and repairing leakage before it leads to roof failure. We believe that when you calculate the cost vs. preventive maintenance, to say nothing of insurance claims, loss of air conditioning and general annoyance, you too, will come to the conclusion that Roof Moisture Testing is the best available precaution owners of flat roofs can avail themselves today. With watchfulness through regular inspections and modest preventive maintenance the roof life can be dramatically extended. You can thereby avoid the problems of overspending and the negative effects of underspending.

The test will also serve as documentation of existing conditions for this roof. This is an important function of the test because if a **HURRICANE** occurs and your roof is damaged you will have proof of the condition of your roof prior to the storm. Without documentation you will have to prove that your roof was damaged in the storm. This can be very costly and settlements in most cases will likely take several years to resolve.

The test will also serve as documentation of conditions if a contractor is performing work on the building and roof traffic is necessary to complete their work, painters, balcony repair and air conditioner mechanics, etc. If the roof is damaged then you have documentation of the conditions prior to their work commencing. Without documentation, it is very difficult to prove who has culpability for the damage that has occurred.

It has been our pleasure to prepare this report for you and we thank you for your business. If we can be of further assistance please do not hesitate to call.

Sincerely,



Steven M. Thomas CSI, CT
President

Hamptons South Condominium
20201 E. Country Club Dr.
Aventura, FL



Stainless Steel Counter Flashing (Proper Height)



Missing Pitch Pan (must be replaced)



Properly Sumped Daring

Hamptons South Condominium
20201 E. Country Club Dr.
Aventura, FL



Proper Pitch Pan



General Overview (Note the Good Drainage)

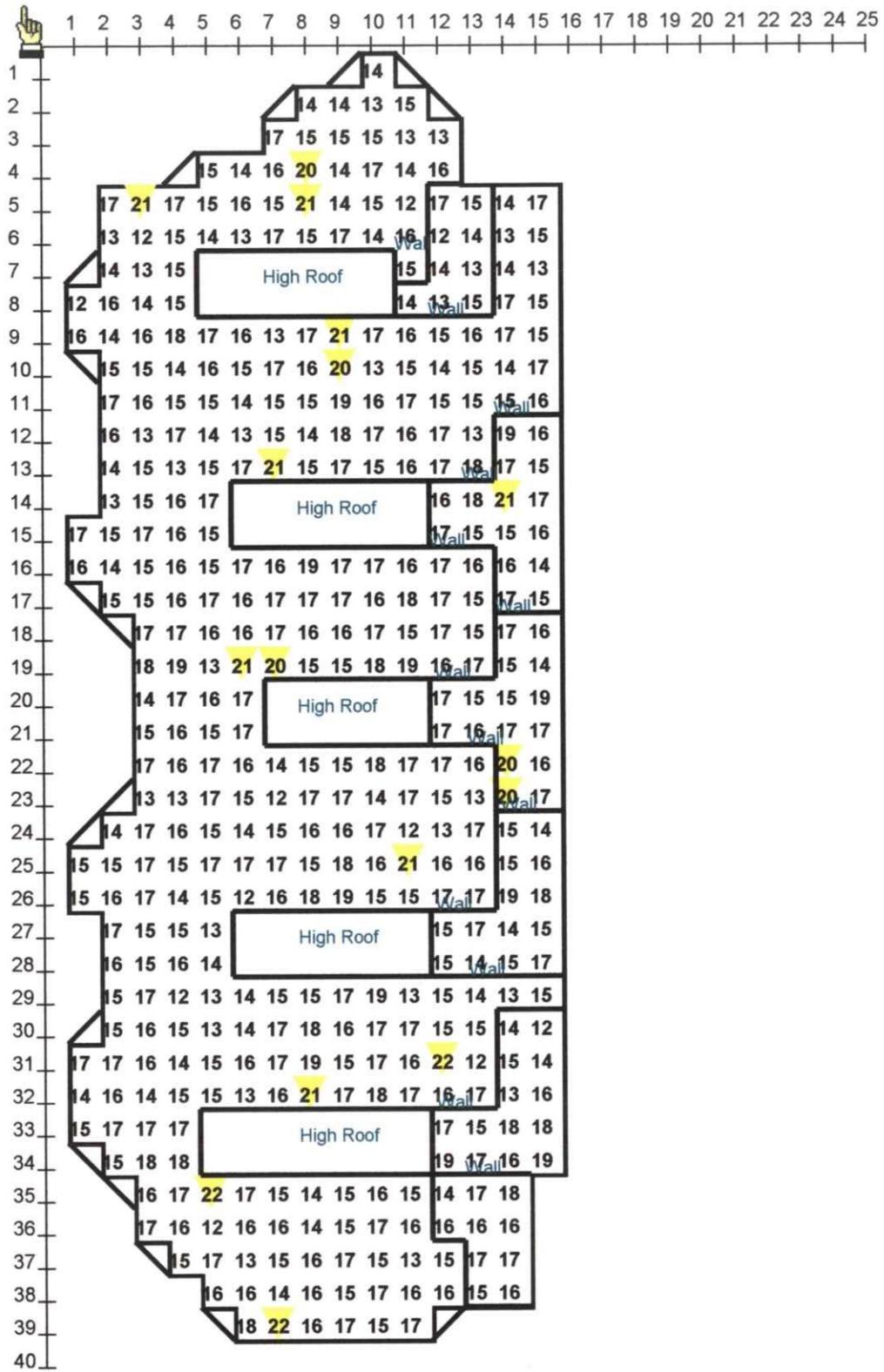


Proper Corner Flashing

LEGEND for Hamptons South Condo.

- 30 - 100 Highest Hydrogen Readings
- 25 - 29 Moderate Hydrogen Readings
- 20 - 24 Light Hydrogen Readings
- 0 - 19 No Work Needed Unless Indicated in Report

North:



Roof Leak Detection Company Inc.

Hamptons South Condominium

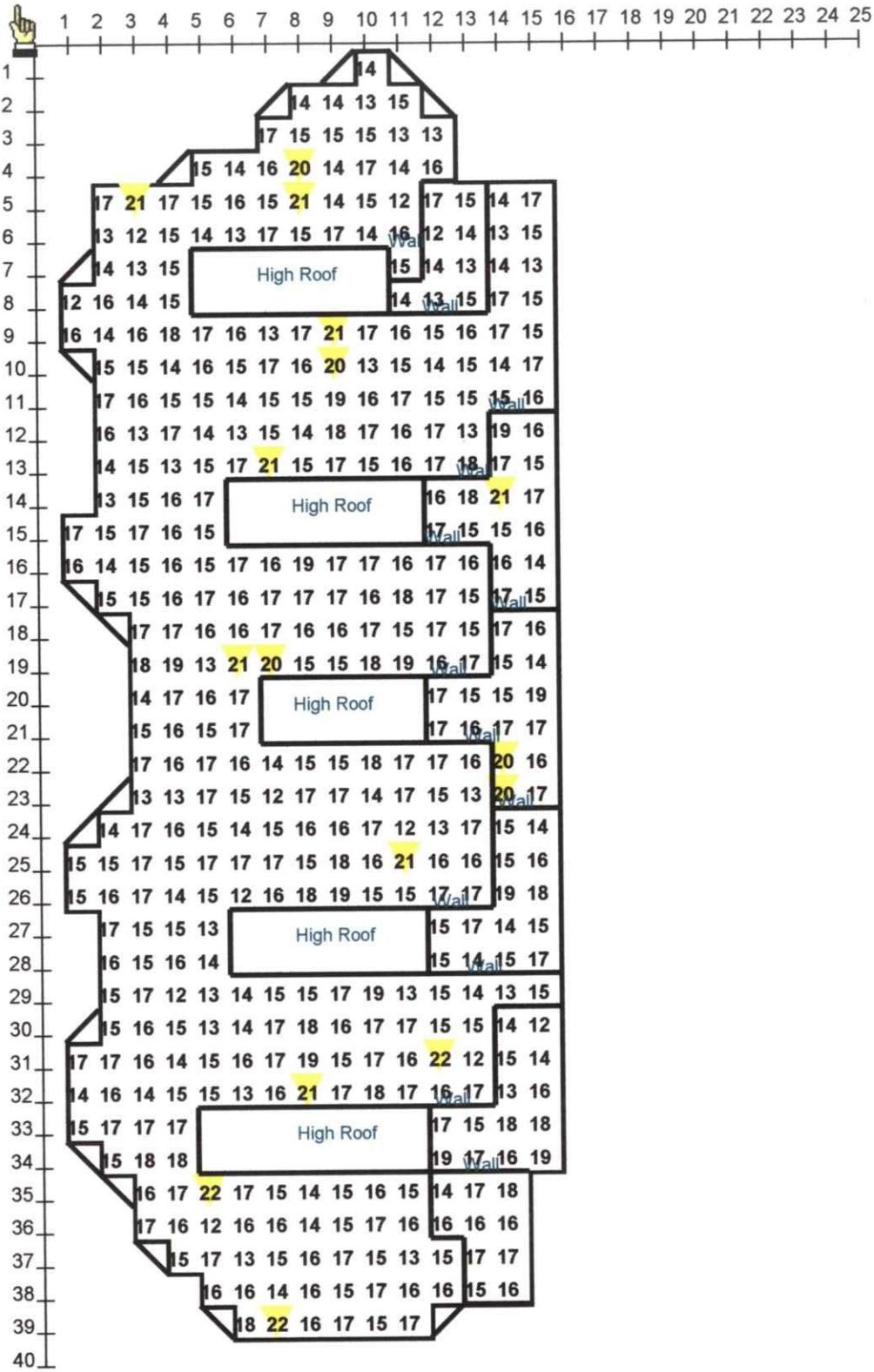
October 23, 2006

20201 E. Country Club Dr. - Aventura, FL

LEGEND for Hamptons South Condo.

- 30 - 100 Highest Hydrogen Readings
- 25 - 29 Moderate Hydrogen Readings
- 20 - 24 Light Hydrogen Readings
- 0 - 19 No Work Needed Unless Indicated in Report

North:



12. Elevator Evaluation

**HAMPTONS SOUTH CONDOMINIUM
AVENTURA, FLORIDA
DUE DILIGENCE REPORT
FEBRUARY 13, 2007**



TYPICAL VIEW OF HAMPTONS SOUTH CONDOMINIUM BUILDING WITH ELEVEN ELEVATORS TOTAL. TEN ARE IN TOWER (WITH TWO IN EACH CORE A, B, C, D, E) AND ONE IS IN THE PARKING GARAGE/TENNIS DECK LOCATED AT RIGHT/SOUTH OF TOWER)

Prepared For:

**MR. TOBY MAXWELL
ATKINS ENGINEERS
147 SEVILLA AVENUE
CORAL GABLES, FLORIDA 33134**

Prepared By:

**DAN TYLER
PROJECT MANAGER**
LBA Project No. 1205267

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SECTION I

EXECUTIVE SUMMARY

On February 13, 2007 and other dates a due diligence review of the elevators serving the Hamptons South Condominium building, Aventura, Florida was conducted by Dan Tyler of Lerch Bates Inc. (LB). The purpose of this survey was to ascertain the condition of the equipment, type of equipment control, expected life cycle of major components, compliance with applicable codes and to determine the level of maintenance.

The elevator machine room equipment, as well as hoistways, hoistway doors, interlocks, visible hydraulic system, cabs, and fixtures, were reviewed. The findings of these reviews are included in the sections of this report that follow.

Schindler Elevator Corporation is under a full maintenance contract to provide maintenance service on the vertical transportation equipment at the project location.

Schindler Elevator Corporation installed the original Schindler Elevator manufactured complete elevator equipment in 2002.

The Hamptons South building complex has eleven (11) elevators comprised of ten (10) high rise traction elevators and one (1) low rise hydraulic elevator.

The main tower has five cores each with two (2) passenger elevators. The parking garage/tennis deck at the south end of the property has a low rise passenger elevator serving the parking garage up to the tennis courts.

Core A (north) has Passenger Elevators PE1, serving 28 floors (27 front openings and 26 rear openings) and PE2, serving 29 floors (28 front openings and 27 rear openings.)

Core B has Passenger Elevators PE3, serving 27 floors (26 front openings and 26 rear openings) and PE4, serving 28 floors (27 front openings and 27 rear openings.)

Core C has Passenger Elevators PE5, serving 26 floors (25 front openings and 25 rear openings) and PE6, serving 27 floors (26 front openings and 26 rear openings.)

Core D has Passenger Elevators PE7, serving 27 floors (27 front openings and 25 rear openings) and PE8, serving 28 floors (28 front openings and 26 rear openings.)

Core E (south) has Passenger Elevators PE9, serving 28 floors (26 front openings and 27 rear openings) and PE10, serving 29 floors (27 front openings and 28 rear openings.)

The parking garage/tennis deck at the south end of the building has Passenger Elevator PE11 serving 2 floors, front openings only.

The ten (10) high rise passenger elevators (PE1-PE10) are identical in speed (400 ft/min) and capacity (3500 lb.) Control is by Schindler Elevator Corporation type Miconic TXR5 microprocessor traction controllers. The hoist machines are Hollister Whitney geared traction type 64 with AC motors. The complete elevator systems were installed in 2002.

The one (1) low rise passenger elevator (parking garage/tennis deck elevator PE11) has a contract speed of 125 ft/min and a rated capacity of 2500 lb. Control of Parking Garage/Tennis Deck Elevator PE11 is by Schindler Elevator Corporation type Miconic HX 330A microprocessor hydraulic controller. Its hoist machine is a Schindler Elevator hydraulic pump unit with submersible pump/motor with control valve. The complete elevator system was installed in 2002.

In observing the operation, the traffic flow in the building was such that some excessive waiting times for the elevators were experienced. With proper door operation and general performance improvements that are noted these waiting times will decrease. In addition, because, in each building core, only one elevator is supposed to be used by residents and only one elevator by non-residents/contractors, the single riser of pushbuttons results in a very inefficient use of the two elevators. This condition will improve drastically when both elevators are utilized by all passengers in a true two-car-duplex group configuration.

All elevators were tested for verification of proper operating speed. As noted in the performance evaluation reports, all of the high rise units performed within 5% of contract speed in both the up and down directions. As noted in the performance evaluation report, the low rise unit performed within 10% of contract speed in both the up and down directions.

Door operation is average with all elevators requiring adjustment to the door operation systems to improve traffic handling performance.

Elevator ride quality was average. The acceleration and deceleration in both the up and down directions is well out of adjustment in the low rise hydraulic elevator PE11 only. The stopping/leveling decelerations are too slow on the high rise traction elevators PE1-PE10.

The elevator machine room spaces that house the high rise traction elevator equipment PE1-PE10 (five rooms for cores A, B, C, D, E) are located on the roof of the building with access from the inside/roof of the building. The elevator machine room spaces that house the low rise hydraulic elevator equipment PE11 is located on the ground floor with access from the inside of the parking garage. It is important to provide a temperature

controlled environment for the elevator equipment. There is air conditioning in the machine rooms. Smoke detectors were present.

Car tops, hoistway door tracks, pits, and related equipment are in an average condition except for the high rise elevator hoistway pits which are dirty. There are smoke sensors in the hoistways.

A number of maintenance related deficiencies covered under the existing full maintenance contract were identified and are itemized under Section 3, Contractor Items.

All required periodic safety tests are overdue and were done in May 2005. The operating certificates expired 07/31/06 for all elevators except four (three high rise elevators PE1, PE4, PE5 and one low rise elevator PE11) which expire 07/31/07.

The overall appearance and condition of the passenger enclosures are considered to be average. Passenger enclosures consist of wood panels, stainless steel, mirrors, wood/stainless steel trim, etc. Many of the elevators (mostly the non-resident/contractor elevators) cabs are unfinished or partially finished.

The signal fixtures do comply with all present ADAAG requirements. Please see the ADA report in Section 5 for details. However the car emergency phones are not working on some of the elevators. These must be investigated and repaired to both work, illuminate and properly identify which elevator is calling when answered by the authorized 24-hour communication (main lobby desk/security.)

Based on the conditions observed, the level of overall maintenance and repair is considered to be average by industry standards.

ESTIMATE OF PROBABLE COST

Immediate

1. Adjust elevator machine room door (Core A, Core E) so that it is self closing and self locking per code.

\$100.00 (Owner item; not covered under existing elevator maintenance contract).

2. All elevators must conform to the Fire Service Uniform Key required by the State of Florida by October 1, 2009.

\$16,500.00 (Owner item; not covered under existing elevator maintenance contract).

3. Provide code approved trash receptacles in elevator machine rooms.
\$300.00 (Owner item; not covered under existing elevator maintenance contract).
4. Code-required elevator hoistway vents are not located at top of hoistway per code in Cores A, B, C, D, E. Present location is below roof level elevator entrance instead of immediately under elevator machine room slab. Investigate and relocate as necessary.
\$10,000.00 estimated/unknown (Owner item; not covered under existing elevator maintenance contract).
5. Repair inoperative pit light for elevator PE3, PE9.
\$100.00 (Owner item; not covered under existing elevator maintenance contract).
6. Some trip hazards were noted where elevator lobby construction is incomplete. Correct condition as required (example noted at elevator PE9-PE10 floor LR rear.)
\$1,000.00 (Owner item; not covered under existing elevator maintenance contract).
7. Remove all illegal wiring jumpers from the premises to prevent unsafe operation of control systems.
\$100.00 (Covered under existing elevator maintenance contract).
8. Adjust elevator PE11 to run at proper leveling speed and deceleration.
\$200.00 (Covered under existing maintenance contract).
9. Alarm bell does not illuminate when actuated. Repair to operate properly.
\$500.00 (Covered under existing maintenance contract).
10. Adjust elevators PE1-PE10 floor-to-floor performance times to 10.4 seconds to improve traffic handling capacity.
\$2,000.00 (Covered under existing maintenance contract).
11. Adjust elevator PE11 floor-to-floor performance time to 15.0 seconds to improve traffic handling capacity.
\$200.00 (Covered under existing maintenance contract).

12. Elevator doors slam open on elevator PE4 (floor 25 front), PE3 (floor 7 front.)
Adjust these and other elevators to properly open and close doors.

\$2,000.00 (Covered under existing maintenance contract).
13. Adjust elevators PE4, PE7, PE8 door long hold open time to 5 seconds minimum per code.

\$300.00 (Covered under existing maintenance contract).
14. Adjust elevator PE9 door short hold open time to 3 seconds minimum per code.

\$100.00 (Covered under existing maintenance contract).
15. Door close stall pressure exceeds 30 lbf Code maximum. Investigate cause and take corrective action on elevators PE3 (front), PE8 (front and rear.)

\$300.00 (Covered under existing maintenance contract).
16. Overspeed governor tail sheave is bottomed out. Shorten governor rope. Sheave is resting on pit floor or nearly on pit floor causing slack in the rope on many elevators including PE3, PE5, PE6.

\$1,500.00 (Covered under existing maintenance contract).
17. Rope wear noted on elevator PE5. Investigate and correct.

\$200.00 (Covered under existing maintenance contract).
18. Possible motor bearing noise/damage on elevator PE5, PE7. Investigate and correct.

\$500.00 (Covered under existing maintenance contract).
19. Correct scraping heard during flight on elevator PE5.

\$100.00 (Covered under existing maintenance contract).
20. Correct cab vibrations during travel in both up/down directions on elevator PE6.

\$200.00 (Covered under existing maintenance contract).
21. Whisperflex compensation cable is not inside pit guide. Repair on elevator PE6.

\$100.00 (Covered under existing maintenance contract).

22. For elevators PE5, PE6 floor 3 does not exist. Remove dummy floor buttons in car operating panels as required.

\$100.00 (Covered under existing maintenance contract).

23. Cab vents are covered over by interior finishes on many cabs. Correct condition as necessary.

\$5,000.00 (Covered under existing maintenance contract).

24. Cab swing return panel is unattached. Reattach on elevator PE10.

\$100.00 (Covered under existing maintenance contract).

25. Whisperflex compensation cable (1 of 2) is missing and pit guides damaged. Replace/repair on elevator PE10.

\$1,000.00 (Covered under existing maintenance contract).

26. Car (“2”) and hall (“LR”) Braille labels do not match. Correct condition as required (example noted at elevators PE1-PE2 floor 2 rear)

\$200.00 (Covered under existing maintenance contract).

27. Replace worn door guide gibs.

\$1,000.00 (Covered under existing maintenance contract).

28. Remove rust, repair rust damage and control/inhibit further rust damage to elevator hoistway door frames.

\$1,000.00 (Covered under existing maintenance contract).

29. Repair inoperative car riding lantern on elevator PE4, PE5 (rear), PE8 (rear), PE10 (front), PE9.

\$300.00 (Covered under existing maintenance contract).

30. Elevators PE3-PE4, PE9-PE10 are not labeled/designated properly left to right at each lobby per code. Investigate and correct label/designation as necessary.

\$4,000.00 estimated/unknown (Covered under existing maintenance contract).

31. Replace the missing wiring box/duct covers in elevator machine rooms and hoistways/pits.

\$100.00 (Covered under existing maintenance contract).

32. Provide an up to date firefighters' service monthly test log on premises (suggest in the machine room) for all elevators.

\$200.00 (Covered under existing maintenance contract).

33. Remove all spare parts, literature, debris, etc. from inside controller, on car tops, machine room floors, hoistway pits, etc. and properly store in machine room cabinets.

\$500.00 (Covered under existing maintenance contract).

34. The operating certificates expired 07/31/06 for all elevators except four (three high rise elevators PE1, PE4, PE5 and one low rise elevator PE11) which expire 07/31/07. Replace overdue certification on all cars as necessary.

\$3,000.00 (Covered under existing maintenance contract).

35. The car emergency phone in car PE11 is not operational. Repair car emergency phone to operate properly and also to properly identify which elevator is calling when answered by the authorized 24-hour communication (Hamptons South Lobby/Security Desk.)

\$100.00 (Covered under existing maintenance contract).

36. Car emergency phones in cars PE1-PE10 do not contain visual acknowledgement of emergency communication. Repair car emergency phones to operate properly and also to properly identify which elevator is calling when answered by the authorized 24-hour communication (Hamptons South Lobby/Security Desk.)

\$1,000.00 (Covered under existing maintenance contract).

5-Year

None.

10-Year

None.

CONCLUSION

The LBA due diligence review revealed that this elevator installation is about 3-4 years old. Elevator equipment is usually considered for replacement in 20 to 25 years. It was noted that some parameters on all elevators require adjustment (see performance charts), door operation, car speeds/stops and general performance needs attention.

It does not appear that Schindler Elevator Corporation is applying quite enough resources to this equipment based on the conditions noted in this report. The adjustments and repairs noted are easily corrected and should be done without delay.

This concludes our Report Summary. We trust you find it beneficial in evaluating your ongoing vertical transportation maintenance program. Should you have any questions regarding our review, report, etc., please contact us.

SECTION II

EQUIPMENT SUMMARY

Hamptons South Condominium
Aventura, Florida

ELEV. NO.	STATE ID. NO.	TYPE	CAPACITY	SPEED (FT / MIN)	STOPS / OPENINGS
PE1 (Core A)	63668	Traction	3500	400	28 / 27 Front & 26 Rear
PE2 (Core A)	63669	Traction	3500	400	29 / 28 Front & 27 Rear
PE3 (Core B)	63670	Traction	3500	400	27 / 26 Front & 26 Rear
PE4 (Core B)	63671	Traction	3500	400	28 / 27 Front & 27 Rear
PE5 (Core C)	63672	Traction	3500	400	26 / 25 Front & 25 Rear
PE6 (Core C)	63673	Traction	3500	400	27 / 26 Front & 26 Rear
PE7 (Core D)	63674	Traction	3500	400	27 / 27 Front & 25 Rear
PE8 (Core D)	63675	Traction	3500	400	28 / 28 Front & 26 Rear
PE9 (Core E)	63676	Traction	3500	400	28 / 26 Front & 27 Rear
PE10 (Core E)	63677	Traction	3500	400	29 / 27 Front & 28 Rear
PE11 (Garage)	74308	Hydraulic	2500	125	2 / 2 Front

SECTION III

EQUIPMENT CONDITION OVERVIEW

BACKGROUND

The subject property includes a total of eleven (11) elevators. Ten (10) are high rise traction passenger elevators and one (1) is a hydraulic passenger elevator. All tower high rise traction units and one parking garage/tennis deck low rise hydraulic unit are maintained by Schindler Elevator Corporation.

CONDITION OVERVIEW

In each of five building cores, the two high rise passenger elevators (PE1-PE2, PE3-PE4, PE5-PE6, PE7-PE8, or PE9-PE10) are located side-to-side in a common hoistway. The single low rise passenger elevator Parking Garage/Tennis Deck PE11 is each located in a single, separate hoistway.

All tower high rise elevators are in duplex/two-car configurations (in each of five building cores) providing direct entry to all floors. The low rise elevator is in a simplex/one-car configuration providing direct entry to all floors. Each of these elevators is operating on a microprocessor based control system that is operating in average condition.

Ride quality was average on the high rise elevators and below average on the low rise elevators primarily due to acceleration and deceleration being out of adjustment.

Leveling accuracy was good on all elevators.

Door operation will require adjustment to meet industry standard. Door gibs are worn and require replacement.

Door protection is functioning properly and is accomplished by means of a full length infrared curtain.

Structural equipment for all elevators is in sound condition.

Based on the conditions observed, overall maintenance and repair is considered average by industry standards.

HOUSEKEEPING

Housekeeping was average in most areas except for the service elevator pits and hydraulic elevator pits and car tops.

USEFUL LIFE EXPECTANCY

The elevator equipment appears to be in average condition. We feel that with slightly improved maintenance the elevators will continue to operate satisfactorily for another 20-25 years.

RECOMMENDED UPGRADES

None.

CONTRACTOR'S ITEMS

There are items noted as Elevator Maintenance Contractor Deficiencies that require correction by the Maintenance Contractor to ensure optimum equipment reliability and performance. All of the deficiency items are typically covered under the terms of a full maintenance agreement and are, therefore, the responsibility of the Maintenance Contractor.

All Eleven (11) Elevators PE1-PE10 and PE11 unless specifically noted:

1. Remove all illegal wiring jumpers from the premises to prevent unsafe operation of control systems; noted in both traction and hydraulic controllers.
2. Adjust elevator PE11 to run at proper leveling speed and deceleration.
3. Alarm bell does not illuminate when actuated. Repair to operate properly.
4. Adjust elevators PE1-PE10 floor-to-floor performance times to 10.4 seconds to improve traffic handling capacity.
5. Adjust elevator PE11 floor-to-floor performance time to 15.0 seconds to improve traffic handling capacity.
6. Elevator doors slam open on elevator PE4 (floor 25 front), PE3 (floor 7 front.) Adjust these and other elevators to properly open and close doors.
7. Adjust elevators PE4, PE7, PE8 door long hold open time to 5 seconds minimum per code.

8. Adjust elevator PE9 door short hold open time to 3 seconds minimum per code.
9. Door close stall pressure exceeds 30 lbf Code maximum. Investigate cause and take corrective action on elevators PE3 (front), PE8 (front and rear.)
10. Overspeed governor tail sheave is bottomed out. Shorten governor rope. Sheave is resting on pit floor or nearly on pit floor causing slack in the rope on many elevators including PE3, PE5, PE6.
11. Rope wear noted on elevator PE5. Investigate and correct.
12. Possible motor bearing noise/damage on elevator PE5, PE7. Investigate and correct.
13. Correct scraping heard during flight on elevator PE5.
14. Correct cab vibrations during travel in both up/down directions on elevator PE6.
15. Whisperflex compensation cable is not inside pit guide. Repair on elevator PE6.
16. For elevators PE5, PE6 floor 3 does not exist. Remove dummy floor buttons in car operating panels as required.
17. Cab vents are covered over by interior finishes on many cabs. Correct condition as necessary.
18. Cab swing return panel is unattached. Reattach on elevator PE10.
19. Whisperflex compensation cable (1 of 2) is missing and pit guides damaged. Replace/repair on elevator PE10.
20. Car ("2") and hall ("LR") Braille labels do not match. Correct condition as required (example noted at elevators PE1-PE2 floor 2 rear)
21. Replace worn door guide gibs.
22. Remove rust, repair rust damage and control/inhibit further rust damage to elevator hoistway door frames.
23. Repair inoperative car riding lantern on elevator PE4, PE5 (rear), PE8 (rear), PE10 (front), PE9.
24. Elevators PE3-PE4, PE9-PE10 are not labeled/designated properly left to right at each lobby per code. Investigate and correct label/designation as necessary.

25. Replace the missing wiring box/duct covers in elevator machine rooms and hoistways/pits.
26. Provide an up to date firefighters' service monthly test log on premises (suggest in the machine room) for all elevators.
27. Remove all spare parts, literature, debris, etc. from inside controller, on car tops, machine room floors, hoistway pits, etc. and properly store in machine room cabinets.
28. The operating certificates expired 07/31/06 for all elevators except four (three high rise elevators PE1, PE4, PE5 and one low rise elevator PE11) which expire 07/31/07. Replace overdue certification on all cars as necessary.
29. The car emergency phone in car PE11 is not operational. Repair car emergency phone to operate properly and also to properly identify which elevator is calling when answered by the authorized 24-hour communication (Hamptons South Lobby/Security Desk.)
30. Car emergency phones in cars PE1-PE10 do not contain visual acknowledgement of emergency communication. Repair car emergency phones to operate properly and also to properly identify which elevator is calling when answered by the authorized 24-hour communication (Hamptons South Lobby/Security Desk.)

OWNER'S ITEMS

The following are items that do not come under the responsibility of Schindler Elevator Corporation. Items noted here are to be corrected by the owner.

1. Adjust elevator machine room door (Core A, Core E) so that it is self closing and self locking per code.
2. All elevators must conform to the Fire Service Uniform Key required by the State of Florida by October 1, 2009.
3. Provide code approved trash receptacles in elevator machine rooms.
4. Code-required elevator hoistway vents are not located at top of hoistway per code in Cores A, B, C, D, E. Present location is below roof level elevator entrance instead of immediately under elevator machine room slab. Investigate and relocate as necessary.
5. Repair inoperative pit light for elevator PE3, PE9.

6. Some trip hazards were noted where elevator lobby construction is incomplete. Correct condition as required (example noted at elevator PE9-PE10 floor LR rear.)

SECTION IV

EVALUATION OF MAINTENANCE

Schindler Elevator Corporation

Based on the site and equipment condition discussed above, in our judgment, Schindler Elevator Corporation (cars PE1-PE10, PE11) is providing average preventive maintenance on this equipment.

Our evaluation of the present service is as follows:

1. HOUSEKEEPING	Average
2. LUBRICATION	Average
3. REPLACEMENT and REPAIR	Average
4. ADJUSTMENTS	Average

MAINTENANCE EVALUATION CRITERIA

Maintenance is broken down into the areas of Housekeeping/Examination/Replacement/Repair, Lubrication and Adjustments. The importance of each of these areas and the percentage of the overall preventive maintenance time generally allotted to each one is as follows.

HOUSEKEEPING/EXAMINATION

Housekeeping and examination requires about 60% of the total maintenance time. While at first glance this may appear to be an excessive amount of time simply cleaning, it is in fact time well spent. If the equipment and surroundings are kept clean, the fire hazard (especially in hoistways) is greatly reduced. Potential troubles and worn components are often detected during routine cleaning operations. Dirt is a major source of elevator malfunctions; a speck of dust between relay contacts can shut an elevator down. Finally, a clean job facilitates routine inspection and maintenance.

REPLACEMENT/REPAIR

Replacement/repair of worn or defective components requires about 15% of total maintenance time. By detecting and replacing worn components, it is often possible to prevent elevator malfunctions and unscheduled shutdowns.

LUBRICATION

Lubrication requires about 15% of the total maintenance time. As with any mechanical equipment, proper lubrication minimizes wear, assure proper operation, and lengthens trouble free life of components.

ADJUSTMENTS

Adjustments require about 10% of the total maintenance time. Proper timely adjustment keeps the equipment working smoothly and quietly, thus assuring peak performance and maximum life.

MAINTENANCE RATING CRITERIA

“Above Average” means extra effort is evident in the condition and adjustment of equipment. This is not a normal situation; no more than 10% of the elevators that we evaluate are receiving this kind of attention.

“Average” maintenance represents 75% to 80% of the installations that we review. “Average” indicates that the elevator contractor is fulfilling his contractual obligations to the Owner but that improvement is possible. Since the range of “Average” maintenance is broad, we may further indicate that our evaluation is at the high or low end of “Average.”

“Below Average” indicates a concentrated effort is required in all areas to justify payment of the monthly contract fee. This rating applies to 10% to 15% of the installations that we review.

SECTION V

ADA and CODE COMPLIANCE

ADA COMPLIANCE

The elevator system was evaluated for compliance with the Americans with Disabilities Act (A.D.A.).

The results of this survey and any noted deficiencies are specifically delineated in Appendix A for your review.

CODE COMPLIANCE

Elevator equipment appears to be in conformance with all other Code requirements under which they were installed.

END OF REPORT

LERCH BATES INC.
ELEVATOR CONSULTING GROUP

Hamptons South Condominium
Aventura, Florida
LB Project No. 1205267
February 13, 2007

APPENDIX "A"
PERFORMANCE CHARTS and ADA REVIEW



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE1		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE A		PERMIT ID #:	63668		
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:			
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:			
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	28	FRONT:	27	REAR:	26	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	395.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	12.2		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	12.5		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	3.8	3.5	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	3.6	4.0	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.2	4.3	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	18	20	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	11.0	5.3	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE2		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE A		PERMIT ID #:	63669		
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:			
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:			
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	29	FRONT:	28	REAR:	27	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	395.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	400.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	12.7		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	12.7		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	3.6	3.7	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	4.3	3.8	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.6	3.8	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	17	22	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	6.1	4.9	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE3		REVIEW DATE:	February 13, 2007	
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE B		PERMIT ID #:	63670	
CITY AND STATE:	AVVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:		
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:		
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	27	FRONT:	26	REAR:	26
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM		

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	396.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	12.6		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	12.9		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN		
DOOR OPEN - SEC.	3.5	2.9	2.9	2.9	NO	TOO SLOW	WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR CLOSE - SEC.	3.5	4.1	4.1	4.1	YES		LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.1	4.3	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	>30	24	30 MAX	30 MAX	NO	MUST REDUCE TO <30			
LONG HOLD OPEN - SEC. (HALL CALL)	11.0	5.3	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE4		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE B		PERMIT ID #:	63671		
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:			
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:			
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	28	FRONT:	27	REAR:	27	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	394.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	13.2		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	13.2		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	3.3	3.1	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	4.6	3.3	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	3.9	4.1	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	26	29	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	4.8	5.0	>5.0	>5.0	NO	MUST INCREASE TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE5		REVIEW DATE:	February 13, 2007	
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE C		PERMIT ID #:	63672	
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:		
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:		
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	26	FRONT:	25	REAR:	25
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM		

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	395.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	398.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	13.3		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	13.2		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN		
DOOR OPEN - SEC.	3.4	3.2	2.9	2.9	NO	TOO SLOW	WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR CLOSE - SEC.	4.2	4.7	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	3.9	4.2	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	18	14	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	5.0	5.3	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE6		REVIEW DATE:	February 13, 2007	
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE C		PERMIT ID #:	63673	
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:		
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:		
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	27	FRONT:	26	REAR:	26
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM		

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	396.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	14.8		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	11.2		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN		
DOOR OPEN - SEC.	4.2	3.1	2.9	2.9	NO	TOO SLOW	WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR CLOSE - SEC.	3.1	3.1	4.1	4.1	YES		LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.4	4.4	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	24	14	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	5.3	5.9	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE7		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE D			PERMIT ID #:	63674	
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X			HYDRAULIC:		
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:			FREIGHT:	
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	27	FRONT:	27	REAR:	25	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	395.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	12.9		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	13.1		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	4.0	4.1	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	4.3	4.4	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.0	7.0	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	21	20	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	5.0	4.9	>5.0	>5.0	YES	MUST INCREASE TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE8		REVIEW DATE:	February 13, 2007	
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE D		PERMIT ID #:	63675	
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:		
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:		
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	28	FRONT:	28	REAR:	26
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM		

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	395.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	11.0		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	11.2		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN		
DOOR OPEN - SEC.	3.9	3.8	2.9	2.9	NO	TOO SLOW	WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR CLOSE - SEC.	4.4	3.0	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.4	3.9	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	>30	>30	30 MAX	30 MAX	NO	MUST REDUCE TO <30			
LONG HOLD OPEN - SEC. (HALL CALL)	5.5	4.6	>5.0	>5.0	NO	MUST INCREASE TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE9		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE E		PERMIT ID #:	63676		
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:			
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:			
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	28	FRONT:	26	REAR:	27	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	396.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	397.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	12.3		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	12.4		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	3.1	4.3	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	4.5	3.9	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	4.1	2.8	>3.0	>3.0	NO	MUST INCREASE TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	15	19	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	10.9	5.9	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE10		REVIEW DATE:	February 13, 2007		
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	CORE E		PERMIT ID #:	63677		
CITY AND STATE:	AVENTURA, FLORIDA		GEARLESS:	GEARED: X		HYDRAULIC:			
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:			
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	29	FRONT:	27	REAR:	28	
CONTRACTOR:	SCHINDLER		CAPACITY	3500 LBS.	SPEED	400 FPM			

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	394.0		380/420		YES		± 5 % (3, 5, or 10%)		
SPEED DOWN - FPM	401.0		380/420		YES		± 5 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	11.5		10.4		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 9' 6"		
PERFORMANCE - DOWN - SEC	11.7		10.4		NO	TOO SLOW	BETWEEN FLOORS: 19-20 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR OPEN - SEC.	3.5	3.4	2.9	2.9	NO	TOO SLOW	DOOR OPERATOR SPEED:		
DOOR CLOSE - SEC.	3.2	3.4	4.1	4.1	NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	3.7	4.1	>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	16	14	30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	10.9	5.4	>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)							1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	YES	
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	YES	
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	NO	NO LIGHT
CAR LIGHTING GUARDED	YES	CORDED LIGHT
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	YES		
TELEPHONE	YES	YES	NO VISUAL INDICATION
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.



LERCH, BATES & ASSOCIATES INC.

ELEVATOR PERFORMANCE EVALUATION

PROJECT:	HAMPTONS SOUTH CONDO		OWNER ID #:	CAR PE11		REVIEW DATE:	February 13, 2007	
LOCATION:	20201 E. COUNTRY CLUB DR.		ELEVATOR GROUP:	GARAGE/TENNIS		PERMIT ID #:	74308	
CITY AND STATE:	AVVENTURA, FLORIDA		GEARLESS:	GEARED:		HYDRAULIC:	X	
LBA PROJECT NO:	1205267		PASSENGER:	X	SERVICE:	FREIGHT:		
MANUFACTURER:	SCHINDLER		FLOORS SERVED:	2	FRONT:	2	REAR:	0
CONTRACTOR:	SCHINDLER		CAPACITY	2500 LBS.	SPEED	125 FPM		

MEASURED	CAR EMPTY	CAR FULL	CRITERIA		MEETS CRITERIA YES/NO	COMMENTS	NOTES		
SPEED UP - FPM	118.0		113/138		YES		± 10 % (3, 5, or 10%)		
SPEED DOWN - FPM	122.0		113/138		YES		± 10 % (3, 5, or 10%)		
PERFORMANCE - UP - SEC	23.5		14.7		NO	TOO SLOW	TYPICAL FLOOR HEIGHT: 10' 4"		
PERFORMANCE - DOWN - SEC	19.2		14.7		NO	TOO SLOW	BETWEEN FLOORS: 1-2 PRE-OPENING: YES NO X		
STOPPING ACCURACY	1/4		1/4"		YES		± 1/4 "		
	FRONT	REAR	FRONT	REAR			DOOR TYPE: 1 SPEED SIDE OPEN		
DOOR OPEN - SEC.	3.0		2.9		NO	TOO SLOW	WIDTH: 3' 6" HEIGHT: 7' 0"		
DOOR CLOSE - SEC.	4.4		4.1		NO	TOO SLOW	LOW: X	MED:	HIGH:
SHORT HOLD OPEN - SEC. (CAR CALL)	7.0		>3.0	>3.0	YES	RECOMMEND SET SHORTER TO 3.0 SEC			
INTERRUPTED RAY - SEC.			>3.0*	>3.0*			* >3.0 INITIAL, .5-1.5 SUBSEQUENT		
NUDGING - SEC.			>20.0	>20.0					
STALL PRESSURE -LBS.	29		30 MAX	30 MAX	YES				
LONG HOLD OPEN - SEC. (HALL CALL)	9.0		>5.0	>5.0	YES	RECOMMEND SET SHORTER TO 5.0 SEC			
LANTERNS CALL NOTIFICATION SEC. (HALL CALL)							PREDICTIVE LANTERNS: YES OR NO X		
REDUCED DOOR CLOSE TIME (NUDGING)	5.5		6.9		NO	MUST INCREASE TO 6.9 SEC MIN	1.68 X DOOR CLOSE TIME (LBA MINIMUM TIME)		

OBSERVATIONS	MEETS CRITERIA	COMMENTS
ACCELERATION	NO	ADJUSTMENT NEEDED
RIDE	YES	
DECELERATION	NO	ADJUSTMENT NEEDED
STOP	NO	ADJUSTMENT NEEDED
DOOR OPERATION	NO	ADJUSTMENT NEEDED
DOOR PROTECTION	YES	
DOOR OPEN BUTTON	YES	
ALARM BUTTON	YES	
CAR LIGHTING GUARDED	YES	
FALSE CALL CANCEL	N/A	

FEATURES	INSTALLED	TESTED	COMMENTS
EMERGENCY LIGHT	YES		
FIRE SERVICE - PHASE 1	YES		
FIRE SERVICE - PHASE 2	YES		
FIRE PHONE JACK	YES		
STANDBY POWER	NO		
TELEPHONE	YES	YES	NOT WORKING
INTERCOM	NO		
STOP SWITCH	YES		
SEISMIC OPERATION	N/A		
DOOR RESTRICTION	YES		

NOTES: ORIGINAL INSTALLATION 2002 BY SCHINDLER ELEVATOR.

PROJECT NAME/LOCATION:	HAMPTONS SOUTH CONDOMINIUM, AVENTURA, FLORIDA	
CLIENT PROJECT NO.:		
LBA PROJECT NO.:	1205267	
ELEVATOR NO.:	PE1-PE11	ELEVATOR GROUP: CORES A, B, C, D, E & GARAGE/TENNIS
REVIEW DATE:	02/13/2007	

A. <u>GENERAL APPLICATION</u>
ALL BUILDINGS, PASSENGER AND SERVICE ELEVATORS. FREIGHT ELEVATORS EXEMPT.
EXCEPTION: THOSE UNDER THREE (3) STORIES HIGH AND LESS THAN 3000 FT ² PER STORY UNLESS SUCH BUILDINGS ARE SHOPPING CENTERS, MALLS, OR PROFESSIONAL OFFICES OF A HEALTHCARE PROVIDER
B. <u>EFFECTIVE DATE</u>
SIGNED INTO LAW JULY 26, 1990
C. <u>COMPLIANCE DATE</u>
VARIES. EFFECTIVE JULY 26, 1992 FOR EXISTING BUILDINGS. APPLIES TO NEW CONSTRUCTION OCCUPIED FOR THE FIRST TIME AFTER JANUARY 26, 1993.
NOTE: MANY OF THE RULES CAN BE INTERPRETED IN VARIOUS WAYS. THE FOLLOWING REPRESENTS OUR INTERPRETATION OF THE REGULATIONS AS OF THE DATE OF THE ONSITE REVIEW.
D. <u>TAX ASSISTANCE</u>
SECTION 190 OF THE IRS CODE ALLOWS UP TO \$35,000 TAX DEDUCTION PER YEAR TO BUSINESSES THAT MAKE ACCESSIBILITY ALTERATIONS TO EXISTING FACILITIES.

RULE	REQUIREMENT	FINDINGS YES/NO	MEASURED
4.10.1 GENERAL	ACCESSIBLE ELEVATOR ON ACCESSIBLE ROUTE	YES	
	CONFORM TO A17.1-1990		
4.10.2 AUTOMATIC OPERATION	AUTOMATIC OPERATION	YES	
	SELF-LEVELING/STOPPING ACCURACY OF $\pm 1/2"$ WITH OR WITHOUT RATED LOAD	YES	
4.10.3 HALL CALL BUTTONS	CENTERED 42" ABOVE FLOOR	YES	42"
	ILLUMINATING	YES	
	MINIMUM 3/4" IN SMALLEST DIMENSION	YES	1"
	"UP" BUTTON ABOVE "DOWN" BUTTON	YES	
	RAISED OR FLUSH PUSHBUTTONS	YES	RAISED
	NO PROJECTIONS OVER 4" ABOVE OR BELOW FIXTURE BETWEEN 27" AND 80" ABOVE FLOOR	YES	

RULE	REQUIREMENT	FINDINGS YES/NO	MEASURED
4.10.4 HALL LANTERNS (NOTE: IN CAR LANTERN SIMILARLY VISIBLE IS ACCEPTABLE)	HALL LANTERNS	NO	
	IN-CAR LANTERNS	YES	ONE
	VISUAL AND AUDIBLE SOUNDS ONCE FOR "UP" AND TWICE FOR "DOWN"	YES	
	AUTOMATIC VERBAL ANNOUNCEMENT	N/A	
	CENTERED AT LEAST 72" ABOVE FLOOR	YES	72"
	AT LEAST 2-1/2" IN SMALLEST DIMENSION	YES	2-1/2"
	VISIBLE FROM VICINITY OF HALL PUSHBUTTON	YES	
4.10.5 RAISED AND BRAILLE CHARACTERS ON HOISTWAY ENTRANCES	ALL HOISTWAY ENTRANCES ON BOTH JAMBS	YES	
	CENTERED 60" ABOVE FLOOR	YES	60"
	2" HIGH CHARACTERS	YES	2"
	RAISED CHARACTERS	YES	
	PERMANENTLY APPLIED OK - 4.30.4 APPLIES	YES	
4.10.6 DOOR PROTECTIVE AND REOPENING DEVICE NOTE: EXISTING ELEVATORS WITH ELECTRO-MECHANICAL SAFETY EDGES WHICH REQUIRE CONTACT TO INITIATE DOOR REOPEN ARE ACCEPTABLE	DOORS OPEN AND CLOSE AUTOMATICALLY	YES	
	DEVICE TO STOP AND REOPEN DOORS WHEN OBSTRUCTED	YES	
	LIGHT RAYS AT 5" AND 29" ABOVE FLOOR	YES	SCREEN
	CONTACT NOT REQUIRED TO INITIATE DOOR REOPEN	YES	
	DOORS REOPEN FULLY WHEN OBSTRUCTED	YES	
	DEVICE, WHEN CONTINUOUSLY OBSTRUCTED, SHALL NOT ALLOW DOOR CLOSE FOR AT LEAST 20 SECONDS	YES	
4.10.7 DOOR AND SIGNAL TIMING FOR HALL CALLS	NOTIFICATION TIME (T) = INITIAL HALL LANTERN ILLUMINATION/SOUND UNTIL DOORS START TO CLOSE*		
	MEASURED AT =		
	NOTIFICATION TIME (T) = CAR LANTERN VISIBLE FROM HALL CALL BUTTON UNTIL DOORS START TO CLOSE*		
	MEASURED AT =		
	MINIMUM ACCEPTABLE NOTIFICATION TIME = 5 SECONDS*	NO*	* NO FOR CARS PE4,7,8 ONLY
	D = DISTANCE FROM POINT 60" DIRECTLY IN FRONT OF <u>FURTHEST</u> CALL BUTTON CONTROLLING THAT CAR TO CENTER OF ITS HOISTWAY DOOR		
	NOTIFICATION TIME: T = D/(1.5 F/S)*		

RULE	REQUIREMENT	FINDINGS YES/NO	MEASURED
4.10.8 DOOR DELAY FOR CAR CALLS	MINIMUM DOOR HOLD OPEN = 3.0 SECONDS IN RESPONSE TO CAR CALL <i>* Elevator Performance Times Can Vary Significantly Over Time. Your Elevator Maintenance Contractor Must Be Very Conscientious With Maintenance And Adjustment Procedures To Maintain Consistent Reliability And Operation.</i>	NO*	* NO FOR CAR PE9 ONLY
4.10.9 FLOOR PLAN OF ELEVATOR CARS	FIGURE 22 MINIMUM CLEAR INSIDE DIMENSIONS: CENTER OPENING DOORS: 80" X 51" SIDE OPENING DOORS: 68" X 51" DOOR OPENING WIDTH – 36" MINIMUM CAR SILL TO HOISTWAY SILL CLEARANCE = 1-1/4" MAXIMUM	N/A	77.5" W X 65" D 42" 1.25"
4.10.10 FLOOR SURFACES	COMPLY WITH 4.5: FIRM, STABLE, AND SLIP RESISTANT MAXIMUM 1/4" VERTICAL CHANGE IN LEVEL CAR SILL TO CAR FLOOR	YES	
4.10.11 ILLUMINATION LEVELS	AT CAR CONTROLS, PLATFORM CAR AND LANDING SILL = 5 FOOT CANDLES	YES	
4.10.12 CAR CONTROLS	BUTTONS – RAISED OR FLUSH MINIMUM DIMENSION = 3/4"	YES	RAISED 1"
	RAISED, TACTILE BRAILLE/ARABIC CHARACTERS TO LEFT OF BUTTONS (SEE 4.30). APPLIED OK.	YES	
	RAISED STAR, FLOOR DESIGNATION AND BRAILLE TO LEFT OF MAIN ENTRY FLOOR BUTTON	YES	
	FLOOR BUTTONS ILLUMINATE	YES	
	FLOOR BUTTONS EXTINGUISH WHEN CALL ANSWERED	YES	
	FLOOR BUTTONS = 54" MAXIMUM OFF FINISH FLOOR FOR SIDE APPROACH	N/A	
	FLOOR BUTTONS = 48" MAXIMUM OFF FINISH FLOOR FOR FRONT APPROACH	YES	
	EMERGENCY CONTROLS GROUP AT BOTTOM NO LESS THAN 35" ABOVE FINISH FLOOR	YES	
	ALARM BELL ILLUMINATES WHEN ACTUATED (A17.1)	NO	
	CONTROLS LOCATED ON FRONT WALL IF DOORS ARE CENTER OPENING	N/A	
	CONTROLS LOCATED ON SIDE OR FRONT WALL IF DOORS ARE SIDE OPENING	YES	

RULE	REQUIREMENT	FINDINGS YES/NO	MEASURED
4.10.13 CAR POSITION INDICATORS (ALL ELEVATORS)	ABOVE CAR CONTROL PANEL OR DOOR	YES	CONTROL PANEL
	NUMERALS AT LEAST 1/2" HIGH	YES	1/2
	FLOOR PASSING TONE AT LEAST 20 DECIBELS WITH MAXIMUM FREQUENCY OF 1500 HZ	YES	
NOTE: FLOOR PASSING TONE NOT REQUIRED IF AUTOMATIC VERBAL FLOOR ANNOUNCEMENT IS PROVIDED.	AUTOMATIC VERBAL FLOOR ANNOUNCEMENT	N/A	
NOTE: BUTTON TO ACTUATE TONE MAY BE PROVIDED			
4.10.14 EMERGENCY COMMUNICATION	2-WAY PER A17.1-1990	NO*	* NO FOR CAR PE11 ONLY
	MINIMUM HANDSET CORD LENGTH FOR TELEPHONE = 29" MINIMUM	YES	HANDSFREE
	COMPARTMENT TOP MAXIMUM 48" OFF FINISH FLOOR	YES	
	COMPARTMENT BOTTOM MINIMUM 15" OFF FINISH FLOOR	YES	
	COMPARTMENT COVER EASILY OPENED; NOT REQUIRING TIGHT GRASPING, PINCHING, OR TWISTING	YES	
	IDENTIFIED BY RAISED SYMBOL AND LETTERING	YES	
	VISUAL ACKNOWLEDGEMENT OF EMERGENCY COMMUNICATION	NO	

APPENDIX "B"
SUPPORTING PHOTOGRAPHS



VIEW OF HAMPTONS SOUTH CONDOMINIUM BUILDING WITH ELEVEN ELEVATORS TOTAL. THE TOWER WITH CORES A, B, C, D, E SHOWN HERE CONTAINS TEN HIGH RISE ELEVATORS WITH TWO IN EACH CORE.



VIEW AT RIGHT/SOUTH OF TOWER SHOWING PARKING GARAGE/TENNIS DECK WHICH CONTAINS ONE LOW RISE ELEVATOR.



VIEW OF TOWER HIGH RISE PASSENGER CARS PE1-PE10 MAIN LOBBY (TOP)
AND CLOSE UP OF STANDARD HALL BUTTON FIXTURES (BOTTOM.)



VIEW OF LOW RISE CAR PE11 EXTERIOR LOBBIES (TOP) AT PARKING
GARAGE/TENNIS DECK AND CLOSE-UP OF STANDARD HALL FIXTURES
(BOTTOM.)



VIEW OF HIGH RISE PASSENGER CARS PE1-PE10 CAB WITH STANDARD CAR FIXTURES.



VIEW OF GARAGE/TENNIS CAR PE11 (LEFT) CAB WITH STANDARD CAR FIXTURES.



HIGH RISE PASSENGER ELEVATOR MACHINE ROOM VIEW OF OVERHEAD GEARED TRACTION HOIST MACHINE, MOTOR, BRAKE, DRIVE/DEFLECTOR SHEAVES & OVERSPEED GOVERNOR.



HIGH RISE ELEVATOR MACHINE ROOM VIEW OF CONTROLLERS.



HIGH RISE PASSENGER ELEVATOR VIEW OF MICROPROCESSOR BASED
TRACTION ELEVATOR CONTROL SYSTEM WITH DIGITAL DRIVES.



VIEW OF TEMPORARY JUMPER WIRES THAT MUST BE REMOVED FROM
BUILDING TO PREVENT UNSAFE OPERATION OF ELEVATORS.



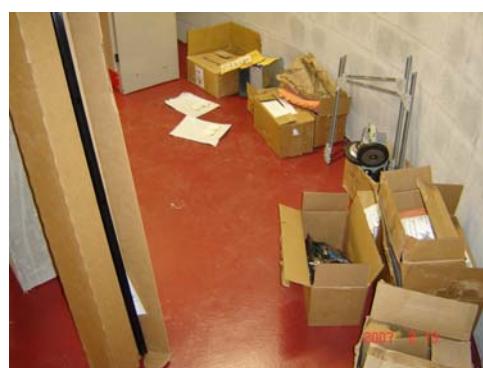
HIGH RISE PASSENGER TRACTION ELEVATOR HOISTWAY PIT VIEW OF OIL BUFFER, GOVERNOR SHEAVE, GUIDE RAIL, COMPENSATION, ETC.



LOW RISE PARKING GARAGE/TENNIS DECK HYDRAULIC ELEVATOR HOISTWAY VIEW SHOWING TOP OF CAR, DOOR OPERATOR, GUIDE RAILS, DUAL JACK HOLELESS HYDRAULIC JACKS, INSPECTION OPERATION CONTROLS, ETC.



VIEWS OF HIGH RISE ELEVATORS SHOWING DIRTY HOISTWAY PIT CONDITIONS (TOP PHOTO) AND TOP OF CAR (BOTTOM PHOTO) EQUIPMENT INCLUDING DOOR OPERATOR, HOIST ROPES, GUIDE RAILS, ROLLER GUIDES, INSPECTION OPERATION CONTROLS, ETC; ALSO SHOWING SPARE PARTS/PACKAGING (PHOTOS BELOW) WHICH MUST BE PROPERLY STORED IN CABINETS IN ELEVATOR MACHINE ROOMS.

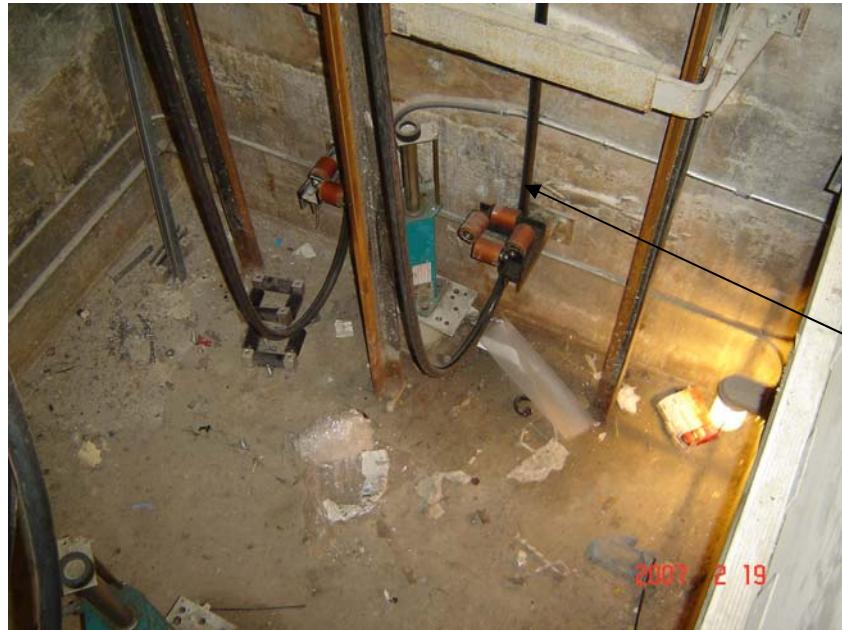




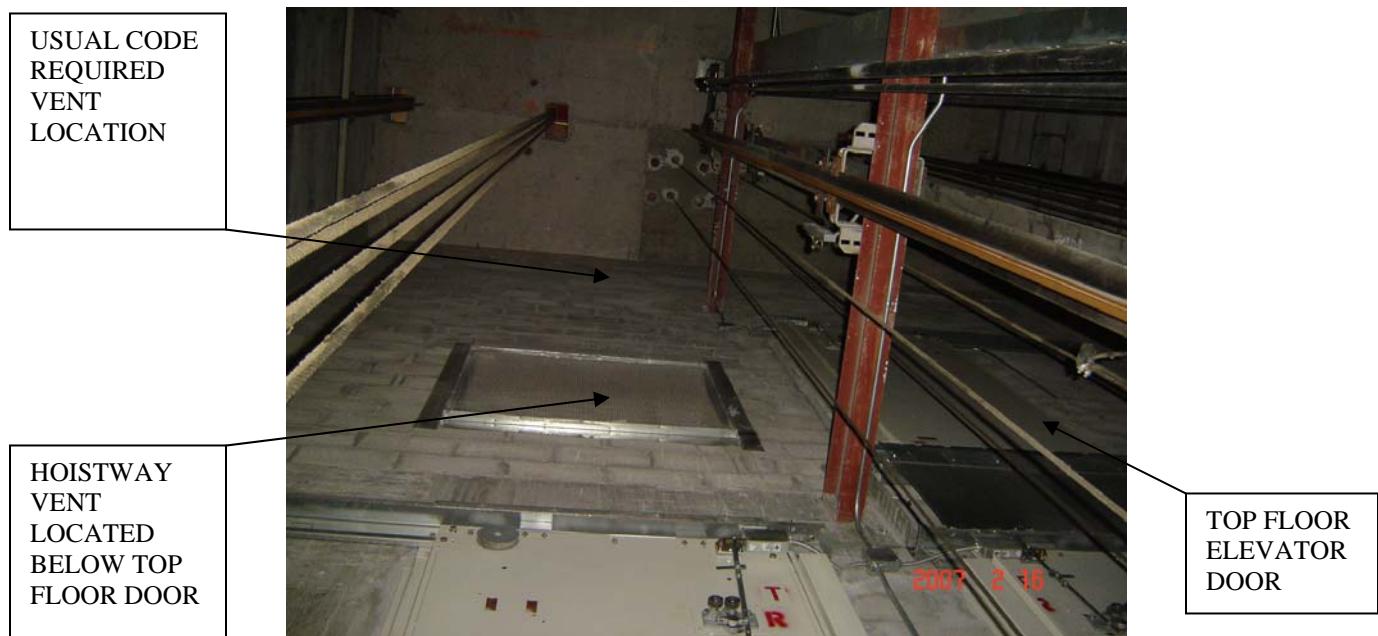
VIEW OF HIGH RISE ELEVATORS PE1-10 CAB INTERIOR FINISHES SHOWING
CEILING/WALLS/DOORS (TOP) AND WALLS/LOWER/BASE/FLOOR (BOTTOM)
MOSTLY FINISHED ONLY ON "RESIDENT CARS" PE1, PE3, PE5, PE7, PE9.



VIEW OF LOW RISE ELEVATOR PE11 CAB INTERIOR FINISHES SHOWING
CEILING/WALLS (TOP) AND WALLS/LOWER/BASE/FLOOR (BOTTOM.)



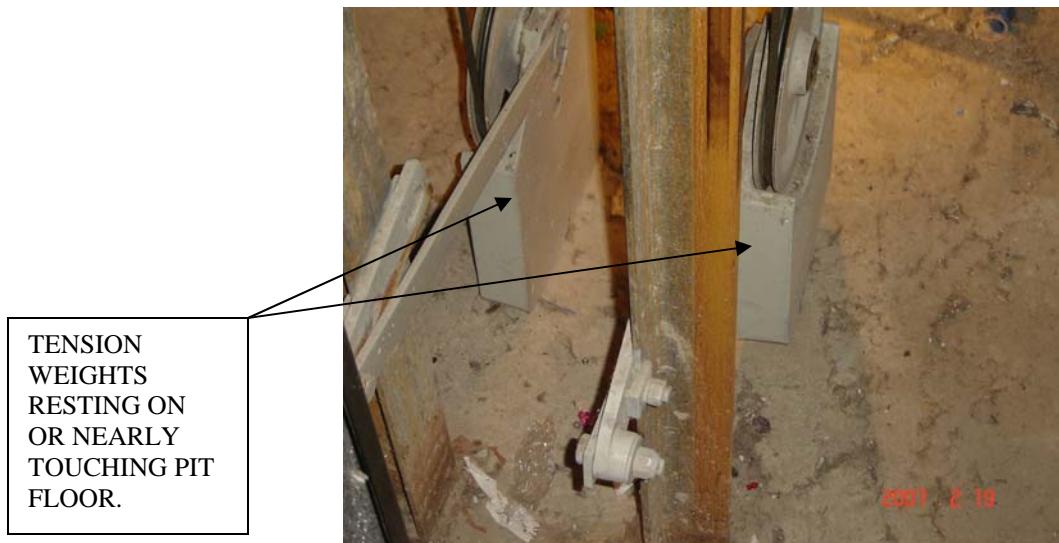
VIEW OF HIGH RISE ELEVATOR PE6 COMPENSATION CABLE SHOWING HOW CABLE IS NOT IN CENTER OF FOUR GUIDE ROLLERS.



VIEW OF TYPICAL HIGH RISE ELEVATOR HOISTWAY VENT. NOTE LOCATION NEXT TO ROOF FLOOR ELEVATOR DOOR INSTEAD OF CODE REQUIRED LOCATION AT TOP OR HOISTWAY JUST UNDER MACHINE ROOM SLAB. MUST BE INVESTIGATED FOR CONFORMANCE/APPROVAL.



VIEW OF TYPICAL MISSING COVERS ON WIRING BOX/DUCT IN HIGHRISE
MACHINE ROOM/HOISTWAY THAT NEEDS TO BE REPLACED.



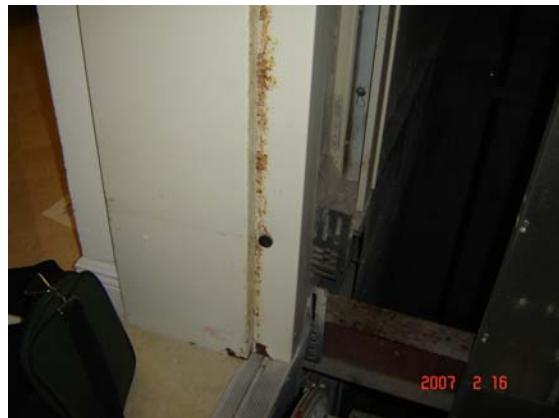
VIEW OF HIGH RISE ELEVATORS PE5-PE6 SHOWING OVERSPEED
GOVERNOR TENSION WEIGHT RESTING ON PIT FLOOR CAUSING
GOVERNOR ROPE SLACK. MUST BE CORRECTED ON MANY CARS FOR
PROPER GOVERNOR OPERATION.



TYPICAL VIEW OF HIGHRISE TRACTION PASSENGER CARS HOISTWAY
DOOR EQUIPMENT SHOWING INTERLOCKS, TRACKS, HANGERS, ROLLERS,
CLOSERS, DOOR PANELS, ETC.



TYPICAL VIEWS OF UNFINISHED CAB INTERIORS SHOWING SHELL CAB
WALL (WHITE) INSTEAD OF MOSTLY FINISHED INTERIORS. THIS
CONDITION IS ON THE "CONTRACTOR CARS" PE2, PE4, PE6, PE8, PE10 IN
EACH CORE OF THE BUILDING.



TYPICAL VIEWS OF RUST DEVELOPING ON ELEVATOR ENTRANCE EQUIPMENT REQUIRING CORRECTION TO PREVENT FURTHER DAMAGE.