



Engineered Designs, Inc.  
5540 Centerview Dr., Suite 315  
Raleigh, NC 27606  
Ph. 919.851.8481  
Fax 919.851.9703

## Memorandum

To: Phil Nelson / Szostak Design

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From: Tom Velez

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Date: October 13, 2008

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Subject: Durham Performing Arts Center – Lighting Survey

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As requested, Engineered Designs, Inc. surveyed the exterior lighting conditions for the Durham Performing Arts Center (DPAC) and find the exterior lighting to be in compliance with Durham exterior lighting requirements. A Site Lighting Survey drawing has been generated and is included along with this letter.

#### SITE SURVEY SUMMARY:

- The survey was completed on October 9, 2008 between 8:00 pm and 9:00 pm
- The sky conditions were partly cloudy, no rain at time of survey
- All lighting levels were recorded at grade
- All fixtures and lamps are new and are providing approximately 100% designed lumen output
  
- All interior building lights were turned off for the duration of the survey
- All of the exterior lights associated with DPAC were turned off and the foot-candle readings were taken (the pole mounted street lights indicated on the plan remained on)
- All of the exterior lights associated with DPAC that are indicated on the plan were then turned on to determine if there were any rise in foot-candle levels detected
- No rise in foot-candle levels were detected, therefore the exterior building lights did not affect the light levels at the Right of Way (Property Line)

#### LIGHTING TESTING SUMMARY:

- The lights installed as part of the exterior lighting design are all either decorative sidewall lights (type 'D'), step lights (type 'F') or for signage (type 'A'). See light fixture schedule on plan.
- There are no blinking or flashing lights used.
- Maximum illumination at the edge of the right of way - without exterior building lights: 4.8 foot-candles
- Maximum illumination at the edge of the right of way - with exterior building lights: 4.8 foot-candles (no change in readings)

  
Tom Velez, PE  
Principle - Electrical Engineer



**Lappas + Havener, PA**  
LANDSCAPE ARCHITECTS

October 23, 2008

City of Durham Inspections Department  
101 City Hall Plaza  
Durham, NC 27701

Re: Durham Performing Arts Center – ADA accessible routes

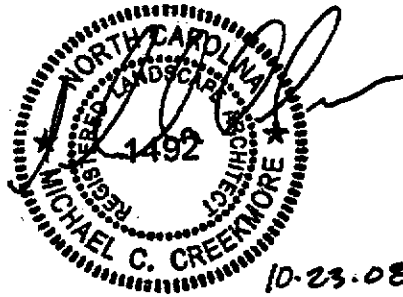
To Whom It May Concern:

This letter is to confirm that the design shown on the approved construction drawings for the Durham Performing Arts Center project meets the American with Disabilities Act requirements for site accessibility and that based on the surveyor's attached statement the proposed walkways, existing walkways, and plaza areas are in accordance with those drawings. Please see attached letter written and sealed by the registered surveyor from Coulter Jewell Thames showing they field surveyed the existing and constructed walks, plaza areas and that they are in compliance with the American with Disabilities Act.

Sincerely,



Mike Creekmore, RLA  
Lappas + Havener, PA



The Imperial Bldg.  
www.lhpa-nc.com

215 Morris Street Durham, NC 27701  
PO Box 2625 Durham, NC 27713

Ph 919.419.1199  
Fx 919.419.1669

**Lappas + Havener, PA**  
LANDSCAPE ARCHITECTS

October 29, 2008

Jeff Blaisdell  
Skanska Building Inc.  
123 Vivian Street  
Durham, NC 27701

RE: Exterior Stair Hand railing

Dear Jeff,

The exterior stairs on the north side of the building facing Vivian Street are considered monumental stairs. Accessible means of egress are provided on both sides of the stairs by a sloped walkway that does not exceed 5% in slope. In referencing Section 8.1.2 A of the NC Accessibility Code this is acceptable as long as the ramps or slope walkways are within proximity of the monumental stair.

Please feel free to contact me with any questions or comments you may have.

Sincerely,



Mike Creekmore, RLA  
Lappas + Havener, PA



PA

The Imperial Bldg.  
www.lhpa-nc.com

215 Morris Street Durham, NC 27701  
PO Box 2623 Durham, NC 27715

Ph 919.419.1199  
Fx 919.419.1669



0604297

**Accessible Seating Procedure:**

The Durham Performing Arts Center has established a policy to accommodate seating for guests requiring use of a wheelchair. Accessible seating is available at all price points within the theatre and will also allow for companion seating. This seating is held by the Box Office until show time when possible or sold on a request only basis at the point of ticket purchase. Per ADA guidelines The Durham Performing Arts Center does not require proof or disclosure of details regarding a disability to sell accessible seating.

In advance of a show, the Box Office will provide details regarding ticket sales to guests who have requested accessible seats to the Director of Operations. The Facility Manager will remove the necessary seats to accommodate these guests at least 30 minutes prior to the scheduled door opening time. For tickets purchased directly before the show, Box Office personnel will immediately notify the House Manager on duty. The House Manager will contact Maintenance personnel on duty during the show to manage the seat removal prior to the show start time.



Coulter|Jewell|Thames, PA

111 WEST MAIN STREET  
DURHAM, NORTH CAROLINA 27701  
919.682.0368 919.688.5648

Planning for the Future

October 22, 2008

To Skanska USA Building Inc.  
Robert Rush  
4309 Emperor Blvd. Suite 200  
Durham, NC

Re: Durham Performing Arts Center

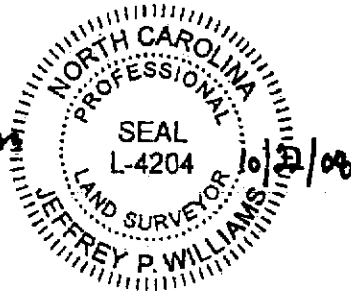
Mr. Rush,

This letter is to state that the slopes of the handicap ramps and plaza area around the newly constructed Performing Arts Center are at or within the maximum allowable slope of 1 inch of rise per 1 foot of run, or 8.333% and are within the maximum horizontal length of 30.0 feet as surveyed on October 21, 2008.

All ramps were surveyed at the centerline of each ramp with elevations measured at the top and bottom of each ramp.

Respectfully,

Jeffrey P. Williams, PLS





Coulter|Jewell|Thames, PA

111 WEST MAIN STREET  
DURHAM, NORTH CAROLINA 27701  
919.682.0388 919.688.5848

Planning for the Future

October 28, 2008

To Skanska USA Building Inc.

Robert Rush  
4309 Emperor Blvd. Suite 200  
Durham, NC

Re: Durham Performing Arts Center

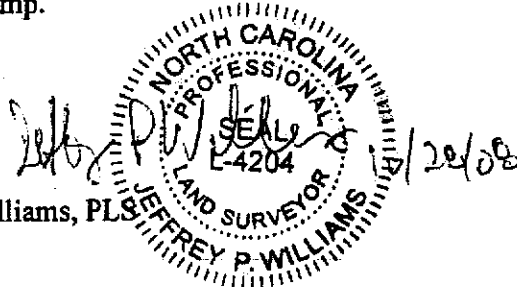
Mr. Rush,

This letter is to state that the slope of the handicap ramp inside the ground floor entry lobby at the newly constructed Performing Arts Center is within the maximum allowable slope of 5.0% for a ramp with no hand rail, as surveyed on October 28, 2008.

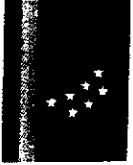
The ramp was surveyed at the centerline with elevations measured at the top and bottom of each of the ramp.

Respectfully,

Jeffrey P. Williams, PLS



DURHAM



1869  
CITY OF MEDICINE

**DURHAM CITY-COUNTY INSPECTIONS DEPARTMENT**

101 CITY HALL PLAZA • DURHAM, NC 27701  
919.560.4144 • fax 919.560.4484  
www.ci.durham.nc.us



SOP 12-R5  
August, 2008

Fee: \$40.00

REQUEST FOR "PARTIAL OCCUPANCY"

PAID

5-  
10/30/08

CITY OF DURHAM  
INSPECTIONS DEPT.

Address: 123 VIVIAN STREET

Building Permit No.: 0604297

Date of Request: 10/30/08

Description of why this request is being made and description of areas to be occupied: (A floor plan of the building in question must be submitted with this request detailing the area(s) that are being requested to be occupied. Room names and numbers identified on the plan must be included in this description or described on an attachment. All areas requested to be occupied must be highlighted):

STOCKING FOR MORE THAN 10 - NOT OPEN  
TO THE PUBLIC

We, the undersigned, agree to and acknowledge the following conditions:

- Acknowledgement that any sprinkler system/smoke detection system/alarm system, etc., is operative and that this has been verified by the Fire Prevention Inspector or the engineer responsible for the design.
- Acknowledgement that it is clearly understood that the "unauthorized" areas cannot be occupied (occupied is defined by the State Building Code as follows: "As applied to a building, shall be construed as though followed by the words 'or intended', arranged or designed to be occupied", and the Durham City-County Inspections Department views the presence of furniture, stock, etc., as occupancy).
- Acknowledgement that the areas being requested for occupancy have had all applicable final inspections approved (Building, Electrical, Mechanical, Plumbing, Engineering, Right-of-Way, Fire Prevention, Planning, and Transportation). Also, the Impact Fee (if required) must be paid and the landscaping complete or an approved landscaping relief letter on file in the City-County Planning Department.



- Acknowledgement that it is clearly understood that a final Certificate of Compliance cannot be issued for the complete project until all applicable trades (Building, Electrical, Mechanical, Plumbing, Engineering Right-of-Way, Fire Prevention, Planning, and Transportation) have conducted and approved all of their respective final inspections.
- Acknowledgement that it is clearly understood that this requested occupancy cannot occur until a copy of this request, with all signatures/approvals below, is in hand.

General Contractor: Jeffrey E. Bassell (Signature) Phone #: 919-730-3133

Owner/Tenant: [Signature] (Signature) Phone #: 919-618-9980

**Departmental Approvals:**

Chief Building Inspector: AC DRC Date: 10-31-08  
 Chief Electrical Inspector: AC RWC Date: 10-31-08  
 Chief Mechanical Inspector: AO EFP Date: 10-28-08  
 Chief Plumbing Inspector: AC DK1 Date: 10-31-08  
 Fire Prevention: AO RWR Date: 10-29-08  
 Engineering: AC SR Date: 10-31-08  
 Planning: AC PER SM Date: 10-31-08  
 Transportation: N/A Date: \_\_\_\_\_  
 Impact Fee Paid: PA.O Date: 10-16-08

**NOTE:** THIS FORM IS FOR ADMINISTRATIVE PURPOSES ONLY. OCCUPANCY CANNOT OCCUR UNTIL A CONDITIONAL CERTIFICATE OF COMPLIANCE (FOR PARTIAL OCCUPANCY) IS ISSUED BY THE CITY-COUNTY INSPECTIONS DEPARTMENT.