ITEM #D12 405 Main Street

Main Street Market Square Landmark: Scanlan Building

#### **CERTIFICATE OF APPROPRIATENESS**

Applicant: Zack Taylor, agent on behalf of owner

Property: 405 Main Street, Lot 10, Tracts 9 & 11A, Block 45, SSBB Subdivision. The property includes a

historic 89,712 square foot commercial building situated on an 8,687 square foot corner lot.

Significance: Contributing Neo-Classical building, constructed circa 1908, located in the Main Street Market

Square Historic District. The Scanlan Building is a City of Houston Landmark designated in April, 2000, and is significant as the only known office building in Texas designed by the notable architect

and city planner, Daniel H. Burnham of Chicago.

**Proposal:** Alteration – Remove fire escape and repair masonry

Remove and dispose of the existing fire escape

- Repair brick work and match the existing mortar restoring it to its original condition.
- Remove and replace masonry units with holes in them with matching units to match existing.
- Tuckpoint back missing mortar.
- Applicant has proved alternate form of egress see attachment

Public Comment: No public comment received.

Civic Association: No comment received.

**Recommendation: Approval** 

HAHC Action: -

November 17, 2021 HP2021\_0324

D NA

405 Main Street Main Street Market Square Landmark: Scanlan Building

S - satisfies D - does not satisfy NA - not applicable

### **APPROVAL CRITERIA**

#### ALTERATIONS, REHABILITATIONS, RESTORATIONS AND ADDITIONS

Sec. 33-241: HAHC shall issue a certificate of appropriateness for the alteration, rehabilitation, restoration or addition of an exterior feature of (i) any landmark, (ii) protected landmark, (iii) any building, structure or object that is part of an archaeological site, or (iv) contributing building in a historic district upon finding that the application satisfies the following criteria, as applicable:

J	117		0 - satisfies D - does not satisfy the - not applicable
		(1)	The proposed activity must retain and preserve the historical character of the property;
$\boxtimes$		(2)	The proposed activity must contribute to the continued availability of the property for a contemporary use;  Removal of the fire escape allows for continued use of the property without the risk of a damaged fire escape hanging above the street as a potential hazard.
$\boxtimes$		(3)	The proposed activity must recognize the building, structure, object or site as a product of its own time and avoid alterations that seek to create an earlier or later appearance;
		(4)	The proposed activity must preserve the distinguishing qualities or character of the building, structure, object or site and its environment;
		(5)	The proposed activity must maintain or replicate distinctive stylistic exterior features or examples of skilled craftsmanship that characterize the building, structure, object or site;
		(6)	New materials to be used for any exterior feature excluding what is visible from public alleys must be visually compatible with, but not necessarily the same as, the materials being replaced in form, design, texture, dimension and scale;
		(7)	The proposed replacement of exterior features, if any, should be based on an accurate duplication of features, substantiated by available historical, physical or pictorial evidence, where that evidence is available, rather than on conjectural designs or the availability of different architectural elements from other structures;
		(8)	Proposed additions or alterations must be done in a manner that, if removed in the future, would leave unimpaired the essential form and integrity of the building, structure, object or site;
$\boxtimes$		(9)	The proposed design for any exterior alterations or addition must not destroy significant historical, architectural, archaeological or cultural material, including but not limited to siding, windows, doors and porch elements;
		(10)	The proposed alteration or addition must be compatible with the massing, size, scale material and character of the property and the context area; and
		(11)	The distance from the property line to the front and side walls, porches, and exterior features of any proposed addition or alteration must be compatible with the distance to the property line of similar elements of existing contributing structures in the context area.

Main Street Market Square Landmark: Scanlan Building



### **PROPERTY LOCATION**

Building Classification
Contributing
Non-Contributing
Park



November 17, 2021 HP2021\_0324 405 Main Street Main Street Market Square Landmark: Scanlan Building

## **INVENTORY PHOTO**



ITEM #D12 405 Main Street Main Street Market Square

Landmark: Scanlan Building



Photo 1: Far view of fire escape.

405 Main Street Main Street Market Square Landmark: Scanlan Building



Photo 2: Closer view of fire escape to be removed.

ITEM #D12 405 Main Street

Main Street Market Square Landmark: Scanlan Building

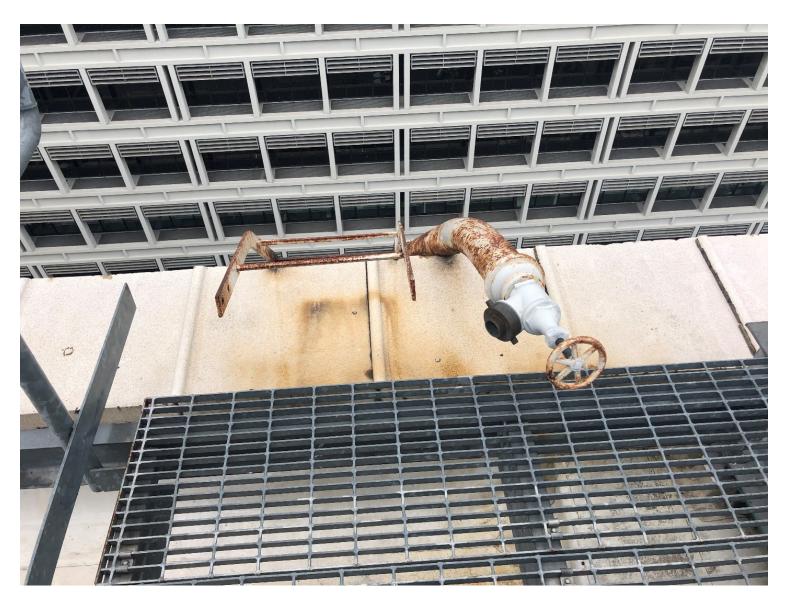


Photo 3: Top view of inoperable fire escape.

405 Main Street Main Street Market Square Landmark: Scanlan Building



Photo 4: Another view of the fire escape.

405 Main Street Main Street Market Square Landmark: Scanlan Building



Photo 5: Representation of areas where the brick will be removed and replaced with a matching brick unit. A mortar sample will be sent in to match the existing mortar.

November 17, 2021 HP2021\_0324 ITEM #D12

405 Main Street Main Street Market Square Landmark: Scanlan Building

#### **CURRENT PHOTOS/CONDITIONS/PROPOSAL**





#### 405 Main St. Project Summary

Where: 405 Main Street, Houston, TX 77002

Project Start Date: TBD Project Finish Date: TBD

Summary:

On the behalf of Expansive Workspace, Western Specialty Contractors of America proposes to remove the existing, inoperable fire escape and restore the masonry wall to its original condition. The fire escape has been inoperable for a number of years and poses a safety concern to pedestrians and building tenants. The condition of the metal fire escape is in poor condition with extensive visible rusting/corrosion on the anchor bolts. In our opinion, the existing condition is such that it is not reasonable to restore and have recommended that it be removed.

The project would consist of the following:

- Sending in mortar samples to determine the chemical makeup of the mortar and matching color. This will allow Western to match the existing mortar restoring it to its original condition.
- 2. Removing and disposing of the existing fire escape.
- 3. Remove and replace masonry units with holes in them with matching units.
- 4. Tuckpoint back missing mortar.



August 25, 2020

Ms. Lisa Kimball City of Houston Fire Marshal's Office 1801 Smith, Ste. 600 Houston, TX. 77002

#### SUBJECT: 405 MAIN EXTERIOR METAL FIRE ESCAPE CITATION RESPONSE

Inspector Kimball,

#### **CITATION RESPONSE**

The City of Houston Fire Marshal issued an inspection report (see appendix A, reference #ILMS911, Project #18065122) containing multiple deficiencies pertaining to the exterior metal fire escape located on the north side of 405 Main (Building) (see picture in appendix E). The inspection report cites HFC 1027.16 which requires fire escape stairs to comply with HFC 1027.16.1 through 1027.16.7. WSP (Fire Protection Engineer) sent a letter of engagement to Inspector Kimball with the Houston Fire Marshal's office communicating our intent to survey 405 Main (building), the exterior metal fire escape, and help the Building Owner reach a Code compliant solution. WSP discovered the exterior metal fire escape has not been used as a means of egress since the second interior stairway (Stair 116) was added in the mid to late 1990s (addition details below). WSP also found the fire escape windows have been sealed shut and exit sign chevrons (arrows) changed to indicate the egress paths towards the interior stairways. In some cases, the fire escape windows are no longer accessible through tenant spaces and are now blocked by office furniture.

#### EXIT ENCLOSURES DISCHARGING INTO AND THROUGH STREET LOBBY

In addition to the exterior metal fire escape WSP surveyed the interior means of egress and found the following. 405 Main is an existing 11 Story office building (Group B occupancy) established in approximately 1909. Sometime between 1981 and March 13<sup>th</sup>, 1989 the original interior stairway (Stair 104) was enclosed and a second enclosed stairway (Stair 116) was added. On March 13<sup>th</sup>, 1989 Melvin Embry a Deputy Building official for the City of Houston issued a Code Word Interpretation (see appendix B CW NO: 94-35) that reads, "As an alternate method of providing two separate distinct exits, exit enclosures may discharge into and through a street-lobby floor, provided the required exit width is free and unobstructed and the street/ground floor is protected with an automatic sprinkler system". 405 Main (building) is currently equipped with a fully automatic wet standpipe/sprinkler system in accordance with HFC (2005) J103.1. On April 5<sup>th</sup>, 2001 Melvin Embry (Building official for the City of Houston) writes a response letter (see appendix C) to Stinson Design Group Letter dated March 30<sup>th</sup>, 2001 (see appendix D) which references back to Code Word 94-35, and he adds; "the first-floor corridor shown on the plans will be considered as part of the lobby and not require protected openings".

WSP USA Suite 200 808 Travis Street Houston, TX 77002



#### EXTERIOR METAL FIRE ESCAPE RETAINED AS A HISTORICAL/ARCHITECTURAL FEATURE

With Building means of egress complying with Code Word 94-35, WSP turned our focus back to the exterior metal fire escape. On May 23<sup>rd</sup>, 1980, the Building was listed on the National Register of Historic Places and as a result, the Building has retained the inaccessible portions of the exterior metal fire escape as a Historical/Architectural feature. While the exterior metal fire escape is not being used as a means of egress, WSP found the exterior metal fire escape Dry Standpipe (separate from the interior automatic wet standpipes) has not been removed from service. With no objections from the City of Houston Fire Marshal's office, WSP recommends the following items be performed to permit the inaccessible portions of the exterior metal fire escape to be retained as a Historical/Architectural feature:

- Decommission the Dry standpipe on the exterior of the building (see picture in appendix E).
- Remove the Exterior Dry Standpipe FDC sign (see picture in appendix E).
- Remove the exterior Dry Standpipe FDC connection (see picture in appendix E).
- Remove the exterior Dry Standpipe piping from the ground level up to the second-floor landing (see picture in appendix E).

#### Request

Based on the exterior metal fire escape not being used as a means of egress, the Code Word Interpretation 94-35 as an alternate method of providing two separate distinct exits discharging into and through a street-lobby floor, and WSP's recommendations to decommission the exterior Dry Standpipe, we request the City of Houston Fire Marshal's office permit the inaccessible portions of the exterior metal fire escape from the second floor landing up to the roof of the Building to be retained as a Historical/Architectural feature.

Prepared by,

Dale Jenkins

Fire & Life Safety Consultant

Dale Jerkins

Reviewed by

Robert S. Hicks, PE

Vice President, Fire & Life Safety

JD/RSH/dlj

B2013735- Document1



# APPENDIX A HOUSTON FD INSPECTION REPORT

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## << INSPECTION REPORT -- CONTINUED>>

Compliance Instructions:

# \*\* REMOVE AND DISCONTINUE USE OF ILLEGAL LOCKING DEVICE ON THE REAR EXIT DOOR OF SUBWAY \*\*\*

tatus Date Inspector's ILMS-ID

## 30) HFC 1008.1.8.5 - UNLATCHING. (ONE MOTION)

The unlatching of any door or leaf shall not require more than one operation. Exceptions:

- . Places of detention or restraint.
- . Where manually operated bolt locks are permitted by Section 1008.1.8.4.
- Doors with automatic flush bolts as permitted by Section 1008.1.8.3, Exception 3.
- Doors from individual dwelling units and sleeping units of Group Roccupancies as permitted by Section 1008.1.8.3, Exception 4.

'ompliance Instructions:

\*\* FY \*\*\*

tatus Date Inspector's ILMS-ID

## i1) HFC 408.12.2 - Tenant identification.

lach occupied tenant space provided with a secondary exit to the exterior or exit corridor shall be provided with tenant identification by business name ind/or address. Letters and numbers of durable materials, at least 2 inches [50 mm) in height, shall be posted and maintained on the corridor side of the loor, be plainly legible and shall contrast with their background. Compliance Instructions:

# \*\* ALL BACK EXIT DOORS - SUBWAY, LIVE SPORTS BAR AND VACANT SPACES //UST BE IDENTIFIED AND LABELED ON THE EXTERIOR SIDE WITH THE BUSINESS NAME AND/OR ADDRESS \*\*\*

Status Date Inspector's ILMS-ID

## 32) HFC 1027.16 - Fire escape stairs.

Fire escape stairs shall comply with Sections 1027.16.1 through 1027.16.7. lompliance Instructions:

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF BUILDING \*\*\*

Status Date Inspector's ILMS-ID

Report : ILMS911 Printed: 12/13/2018 6:38:01 PM

Project : 18065100 << Report Continues on Next Page >>

Page: 24

# << INSPECTION REPORT -- CONTINUED>>

i3) HFC 1027.16.1 - Existing means of egress.

Fire escape stairs shall be permitted in existing buildings but shall not constitute more than 50 percent of the required exit capacity.

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING \*\*\*

tatus:

Date

Inspector's ILMS-ID

# i4) HFC 1027.16.2 - Protection of openings.

)penings within 10 feet (3048 mm) of fire escape stairs shall be protected by lire door assemblies having a minimum 3/4-hour fire-resistance rating. Exception: In buildings equipped throughout with an approved automatic sprinkler system, opening protection is not required.

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING \*\*\*

:tatus

Date

Inspector's ILMS-ID

# 55) HFC 1027.16.3 - Dimensions.

Fire escape stairs shall meet the minimum width, capacity, riser height and compliance Instructions:

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING \*\*\*

tatus

Date

Inspector's ILMS-ID

# 6) HFC 1027.16.4 - Access.

ccess to a fire escape from a corridor shall not be through an intervening oom. Access to a fire escape stair shall be from a door or window meeting the riteria of Table 1005.1. Access to a fire escape stair shall be directly to a alcony, landing or platform. These shall be no higher than the floor or indow sill level and no lower than 8 inches (203 mm) below the floor level or mpliance Instructions:

# \* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF UILDING (IN COJUNCTION WITH 1005.1) \*\*\*

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Date

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<< Report Continues on Next Page >>

## << INSPECTION REPORT -- CONTINUED>>

## 57) HFC 1027.16.5 - Materials and strength.

lomponents of fire escape stairs shall be constructed of noncombustible naterials.

Fire escape stairs and balconies shall support the dead load plus a live load of not less than 100 pounds per square foot (4.78 kN/m2). Fire escape stairs and balconies shall be provided with a top and intermediate handrail on each side.

The fire code official is authorized to require testing or other satisfactory evidence that an existing fire escape stair meets the requirements of this section.

Compliance Instructions:

# \*\* THE EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF BUILDING MUST 'ASS INSPECTION AND BE MAINTAINED TO COMPLY WITH THE CODE \*\*\*

tatus

Date

Inspector's ILMS-ID

## 38) HFC 1027.16.6 - Termination.

The lowest balcony shall not be more than 18 feet (5486 mm) from the ground. Fire escape stairs shall extend to the ground or be provided with sounterbalanced stairs reaching the ground.

Exception: For fire escape stairs serving 10 or fewer occupants, an approved lire escape ladder is allowed to serve as the termination for a fire escape stairs.

Compliance Instructions:

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING \*\*\*

:tatus

Date

Inspector's ILMS-ID

## i9) HFC 1027.16.7 - Maintenance.

Fire escapes shall be kept clear and unobstructed at all times and shall be maintained in good working order. Inspections, testing, and maintenance shall be in accordance with Houston Fire Department Life Safety Bureau Standard No.2, "Inspection and Testing of Fire Protection and Life Safety Systems." Compliance Instructions:

# \*\* THE EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF BUILDING MUST 'ASS INSPECTION AND BE MAINTAINED TO COMPLY WITH THE CODE \*\*\*

tatus

Date

Inspector's ILMS-ID

Report: ILMS911

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Project - 18065122

<< Report Confinues on Next Page >>

Page: 26

## << INSPECTION REPORT -- CONTINUED>>

## 30) HFC 1027.10 - Stair dimensions for existing stairs.

Existing stairs in buildings shall be permitted to remain if the rise does not exceed 8.25 inches (210 mm) and the run is not less than 9 inches (229 mm). Existing stairs can be rebuilt.

Exception: Other stairs approved by the fire code official.

'ompliance Instructions:

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING (IN CONJUNCTION WITH 1026.3) \*\*\*

;tatus

Date

Inspector's ILMS-ID

### 31) HFC 1005.1 - Minimum required egress width.

The means of egress width shall not be less than required by this section. The total width of means of egress in inches (mm) shall not be less than the total occupant load served by the means of egress multiplied by the factors in Table 1005.1 and not less than specified elsewhere in this code. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than 50 percent of the required apacity. The maximum capacity required from any story of a building shall be an aintained to the termination of the means of egress.

Ixception: Means of egress complying with Section 1025.

Tompliance Instructions:

# \*\* PERTAINING TO EXTERIOR METAL FIRE ESCAPE LOCATED ON NORTH SIDE OF 3UILDING (IN CONJUNCTION WITH 1005.1) \*\*\*

Status

Date

Inspector's ILMS-ID

## 32) HFC 109.3 - General Penalty; continuing violations.

Then in this code an act is prohibited or is made or declared to be unlawful or an offense or misdemeanor, or wherever in this code the doing of any act is required or the failure to do any act is declared to be unlawful and no specific penalty is provided therefor, the violation of any such provision of rode shall be punished by a fine of not less than \$500.00, nor more than \$2,000.00; provided, however, that no penalty shall be greater or lesser than the penalty provided for the same offense under the laws of the state. Each lay any violation of this code shall continue shall constitute a separate offense. In prosecutions under this code, the various provisions hereof that are designated as exceptions shall not be treated as exceptions within the meaning of Section 2.02 of the Texas Penal Code, and instead, they shall constitute defenses to prosecution within the meaning of Section 2.03 of the Texas Penal Code.

lompliance Instructions:

\*\* CITATIONS WILL BE WRITTEN AFTER 2 REINSPECTION FEES HAVE BEEN ASSESSED OR F COMPLIANCE IS DISREGARDED OR NOT MET WITHIN 90 DAYS \*\*\*

Report: ILMS911

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# << INSPECTION REPORT -- CONTINUED>>

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Whenever it bed and one follow- aulty material, wner, operator	- Re-inspection fee comes necessary to m up inspection under S faulty workmanship, o r, or lessee, shall pay t part to comply with th ribed by law for such	ection 105. or incomplet for each re- ne indicated	8 of the c te work, c inspectio	ity fire code), or for any othe	because of r reason, the
nspecting Officer	Signature			Date	
opy Received By	Signature			Date	
<sup>:</sup> ollowup Inspecti	on			Date	
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nspection Compl	ete			Date	
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Report: ILMS911 Printed: 12/13/2018 6:38:01 PM

Project : 18065122



### **APPENDIX B**

APR-10-01 TUE 3:59 PM STINSON DESIGN GROUP

FAX NO. 7132233612

P. 3



## CITY OF HOUSTON

**Building Inspection Division** 

# **CODE WORD 94**

INTERPRETATIONS & APPLICATIONS OF THE UNIFORM CODES, '94 EDITION

CW NO: 94-35

Page 1 of 1

PUBLICATION:

March 13, 1989

SUBJECT:

Interpretation - Extent of Exit Enclosure (Existing)

CODE:

Building - Appendix 34

SECTION:

3407.1

As an alternate method of providing two separate distinct exits, exit enclosures may discharge into and through a street-floor lobby, provided the required exit width is free and unobstructed and the street/ground floor is protected with an automatic sprinkler system.

Melvin Embry

Deputy Building Official

Codefax Document Number 3035



### **APPENDIX C**

APR-10-01 TUE 3:59 PM STINSON DESIGN GROUP

FAX NO. 7132233612

P. 2



CITY OF HOUSTON
Planning & Development

Lee P. Brown

Mayor

Robert M. Litke Director Planning & Development Department P.O. Box 1562, Houston, Texas 77251-1562 611 Wolker, 6th Floor Houston, Texas 77002

T. 713,837,7708 F. 713,837,7703 www.cl.houston.tx.us

April 5, 2001

Department

Mr. William S. Sayre, Jr. AIA STINSON DESIGN GROUP 917 Franklin, Suite 500 Houston, TX 77002

> Re: Request for Interpretation Scanlan Building 405 Main St., 1st Floor Lobby

Dear Mr. Sayre:

This is in response to your letter dated March 30, 2001, I have attached a copy of CODE WORD 94-35. This Code Word addresses the extent of the exit enclosures and allows both stairs to exit through the lobby provided the ground floor is provided with a sprinkler system. The first floor corridor shown on the plans will be considered as part of the lobby and not require protected openings.

If you have any questions, please feel free to give Bill Bradbery, of my staff, a call at 713-535-7502.

Respectfully,

Melvin L. Embry Building Official

MLE/BSB/meg

Enclosure

WSSAYRB.401



### **APPENDIX C (CONTINUED)**

APR-10-01 TUE 4:10 PM STINSON DESIGN GROUP

FAX NO. 7132233612

P. 1



ARCHITECTURE • INTERIOR DESIGN • SPACEPI ANNAME.

March 30, 2001

Mr. Melvin L. Embry Building Official City of Houston P.O. Box 61167 Houston, TX 77208-1167

Re: REQUEST FOR INTERPRETATION Scanian Building 405 Main Street 1st Floor Lobby

Dear Sir:

We are requesting a Code Interpretation for the Scanlan Building lobby remodel. The remodeling was permitted under City Project Number 01006258. The field inspector noted that two glass openings was being proposed in our design, and he thought that it was having the effect of reducing the fire resistance of the existing lobby. As the attached plans show, the exits for both building stairs feed through this combon lobby, an existing condition of the building established in approximately 1981 when the original interior stairway (Stair 104) was enclosed and a second enclosed interior stairway (Stair 116) was added. The inspector, Jody, requested that the plans be resubmitted to plan checking on account of the apparent reduction in fire resistance.

The building use is currently B Occupancy and will continue in this use. The construction type is II-FR—inbuilding is being remodeled on a floor-by-floor basis and each completely remodeled floor is being 1000 sprinklered. The first floor and basement will be 100% sprinklered as a part of this construction.

The fire separation requirement for floor/ceilings from Table 6-A is 2 hours. The floor construction is 11 words flooring, 6" concrete, 6" clay tile, 1" mortar, 6" clay tile, and 2" to 3" of plaster ceiling at underside of structure. This meets or exceeds the 2-hour assembly listed as item 7-1.1 in Table 7-C.

We are suggesting that the provisions of Section 10004.3.4.3 "Corridor Construction" be applied, specifically exception 5, which states, "In Groups B, F, M, S and Group A, Division 3 Occupancies where the floor is separated from other floors as required by this code for fire-resistive construction and the floor is corroboticly equipped with and automatic sprinkler system, corridors need not be separated." Additionally, for the glass openings we are proposing, Section 1004.3.4.3.2 "Openings", Exception 1 eliminates the protection requirement for openings in corridors that are excepted.



### **APPENDIX C (CONTINUED)**

APR-10-01 TUE 4:10 PM STINSON DESIGN GROUP

7132233612 FAX NO.

P. 2

Mr. Melvin Embry March 30, 2001 Page 2

We therefore suggest that the sprinklering of the 1<sup>st</sup> floor and basement has the effect of increasing the fire resistance of the construction and at least offsetting the introduction of new glass openings in the first floor lobby. Please advise of your opinion/interpretation.

If you need additional information, please advise. We look forward to your response.

Sincerely, Stinson Design Group

William S. Sayre, Jr, AIA

William Hayn ()

Principal

cc: Tony Abyad Matt Middleton

The 400 Group

G T Leach Construction

ass	Sheets	Title	Date
Attachments:	A.0	Standard Details	3/30/01
	• •	Architectural Plan	3/30/01
	1.A2.1	Ceiling Plans	3/30/01
	1.A4.1	Finish Plans	3/30/01
	1.A3.1	Details	3/30/01
	1.A7.1	Details Details	3/30/01
	1.A7.2	Storefront & Awnings	3/30/01
	1.A7.3		3/30/01
	E.A7.3	Details	3/29/01
	MEP-1.00	MEP Specifications	3/29/01
	M-1.00	Mech Dwg Information	3/29/01
	MD-2.01	Mech Demo Floor Plan	
	M-2.01	Mech. Floor Plan	3/29/01
	M-3.01	Mech Sched & Details	3/29/01
	E-1.01	Elec Lighting Plan	3/29/01
	E-1.02	Elec Power Plan	3/29/01
	E-1.03	Elec Sched & Details	3/29/01
	E-2.01	Elec Lighting Plan	3/29/01
	E-2.U1		



## **APPENDIX D**

