

Steve Sadowsky

Historic Preservation Officer

City of Austin

512-974-6454

RE: 916 Congress Construction Mitigation Plan

3/10/17

Mr. Sadowsky,

Per request of the committee at the February 27th Historic Landmark Commission Certificate of Appropriateness Review Committee meeting, the Burt Group has developed a formal mitigation plan for your review.

The requested mitigation plan for 916 Congress outlined below addresses four primary concerns: 1) demolition and structural shoring, 2) dust control, 3) vibration and noise control, and 4) water infiltration. The Burt Group intends to be a good neighbor during the construction of the project and will work with the neighbors in any way possible to inform them of our construction plans and timelines, give appropriate notice of activities, and minimize inconveniences to the extent possible.

#1) Demolition and Structural Shoring

To complete the project per the approved building permit, the existing three story structure at 916 Congress will be demolished with the exceptions of the historic stone façade on Congress Ave and the common masonry walls shared by our neighbors at 914 and 918 Congress Ave. Due to the sensitive nature of the project The Burt Group has elected to authorize our demolition subcontractor to proceed "by hand" as opposed to largescale demolition machines that are commonly found on other larger demolition projects in the downtown area. Proceeding with selective demolition of the existing structure manually, will allow the Burt Group to carefully proceed in removing materials from the interior and the exterior of the structure without disturbing the common walls or historical façade. Scaffolds will be set where appropriate to provide access to the various interior and exterior areas to ensure careful removal of materials. Hand saws will be used to aid demolition in this phase of the project. During this period of time in the project the structural shoring shown on city approved structural plan sheet S0.01 to be installed as the existing structure is demolished.

The bracings are provided as a temporary replacement for the existing floor structure that is being removed. The braces will be installed just below the existing floor joists to allow for safe removal of the existing structure after installation of the bracing. As noted on sheet S0.01 for Existing Demising wall and Congress Ave. Historic facade bracing sequence, the existing walls will have to be exposed and evaluated during the selective demolition process to review the existing wall conditions. The intent of the structural shoring is to continue loading the walls the way they have been accustomed over

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their lifespan. To install the shoring per plan, the Burt Group will need to utilize skytrac forklift equipment in order to safely hang the pipe shoring braces in place at the specified elevations.

Once the existing structure is demolished and removed the existing concrete slab foundation will be sawcut and removed to expose the areas that will receive structural piers and new structural grade beams. During the concrete foundation demolition portion of the project a mini-excavator and a small piece of loading equipment will be needed on site within the property lines to facilitate the breaking and loading of concrete on trucks for removal. A concrete sawcutting company will be on site to sawcut existing foundation before any breaking of concrete to aid in the careful demolition of the foundation to minimize disturbance to the neighbors' common walls and the historical façade. This work will be conducted carefully and consciously as to minimize any impact to the common walls. During this portion of the project, we will communicate with the neighbors regularly on what to expect and finish as quickly as possible.

#2 Dust Control

Completely eliminating dust from a demolition and construction project is not feasible, however it is the Burt Group's responsibility to minimize this dust to the extent possible. Excessive dust is not expected to be a problem during demolition phase of the project. The nature of the demolition will avoid any excessive dust typically associated with large scale mass-demolition. However, to minimize any dust infiltration to the neighbor's property and to the public, The Burt Group will wrap and seal the existing glazing and doors on the historical storefront on the Congress Ave side to provide an additional barrier from dust entering the public right of way at the sidewalk and pedestrian protection. In addition, with approval from the neighbors the Burt Group will wrap any existing glazing and/or doorways and openings on their buildings prior to starting demolition to provide an additional barrier from inadvertent dust created from the demolition and new construction activities during the course of the project. This project will take several months so regular inspections and communication with the neighbors is to be expected to confirm the Burt Group's added barriers are preventing dust from entering the neighbor's interior space. We will be responsive to any dust related issues that are communicated by the neighbors during construction.

#3 Vibration and Noise Control

Vibration will be an unavoidable issue during the demolition and construction of the new building at 916 Congress. We will decrease vibration during demo with the use of hand tools, however we will need to apply a certain amount of force to demolish and remove the existing structure at 916 Congress. Unfortunately, it is unavoidable that these demolition actives will be heard and felt on the neighbors' premises.

The required pier drilling additionally will create a certain amount of vibration and noise. This is the case with every pier drilling project in the Austin area and is unavoidable. To make this portion of the project as palatable as possible, the Burt Group will inform the neighbors seven days in advance of any pier drilling and will work closely with the neighbors to communicate any change of schedule duration. During this portion of the project, we will communicate with the neighbors regularly on what to expect and finish as quickly as possible.

The Burt Group requests a mutual Video survey to document the condition of the neighbors' walls before starting construction. This video will be shared between all parties prior to commencement of demolition and will be established as a baseline to document any subsequent issues arising from demolition or construction activities. We will correct or fix

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reasonable, relative to the video baseline survey, issues that arise from construction and demolition at no cost to the neighbors.

#4 Water Infiltration

We do not expect water infiltration on the neighbors' property to be caused by the proximity of the project to the neighboring structures and the height of the new building. It is reasonable to assume that over the course of construction during a rain event that excess water will fall from the project under construction onto the neighbors' roof systems. The Burt Group does not advise any specific action plan outside of a thorough documentation of the neighbors' roof systems prior to starting construction. If their roofs are in good repair, we do not anticipate that the excess water coming off the new structure during construction will create any undue burdens.

Water infiltration through the common walls to the Burt Group's knowledge has not been an issue prior to starting demolition and construction and is not expected to be an issue during the construction of the new project at 916 Congress. If any water infiltration is discovered during the course of the project the Burt Group will work closely with the neighbors' and craft a solution on a case by case basis at no cost to them.

In conclusion, this mitigation plan addresses any known issues prior to demolition and construction of the existing and new structures per approved building permit #2015-112070-BP (see attached exhibit). If any issues arise during the demolition and construction of the new project, The Burt Group will work with the project ownership to address these issues in a timely manner at no cost to the neighbors. It is the Burt Group and property owner's intention to be a good neighbor so we will be considerate of their business operations while fulfilling our contract to erect the new structure.

Sincerely,

Buzz Hughes

Project Manager



REQUIRED TO FACE OF

GROUT BEHIND ENTIRE ANGLE

WITH NON-SHRINK GROUT, TYP.

EXISTING WALL

TYPICAL BEARING SURFACE PREPARATION AT HSS BEAMS

SCALE: 1 1/2" = 1'-0"

INTO EXISTING HISTORIC MASONRY

WALL WITH HILTI HIT-HY 70 HYBRID

TYPICAL BEARING SURFACE PREPARATION AT WT BEAM

SHIM WITH WASHERS AS

GROUT BEHIND ENTIRE ANGLE WITH NON-SHRINK GROUT, TYP.

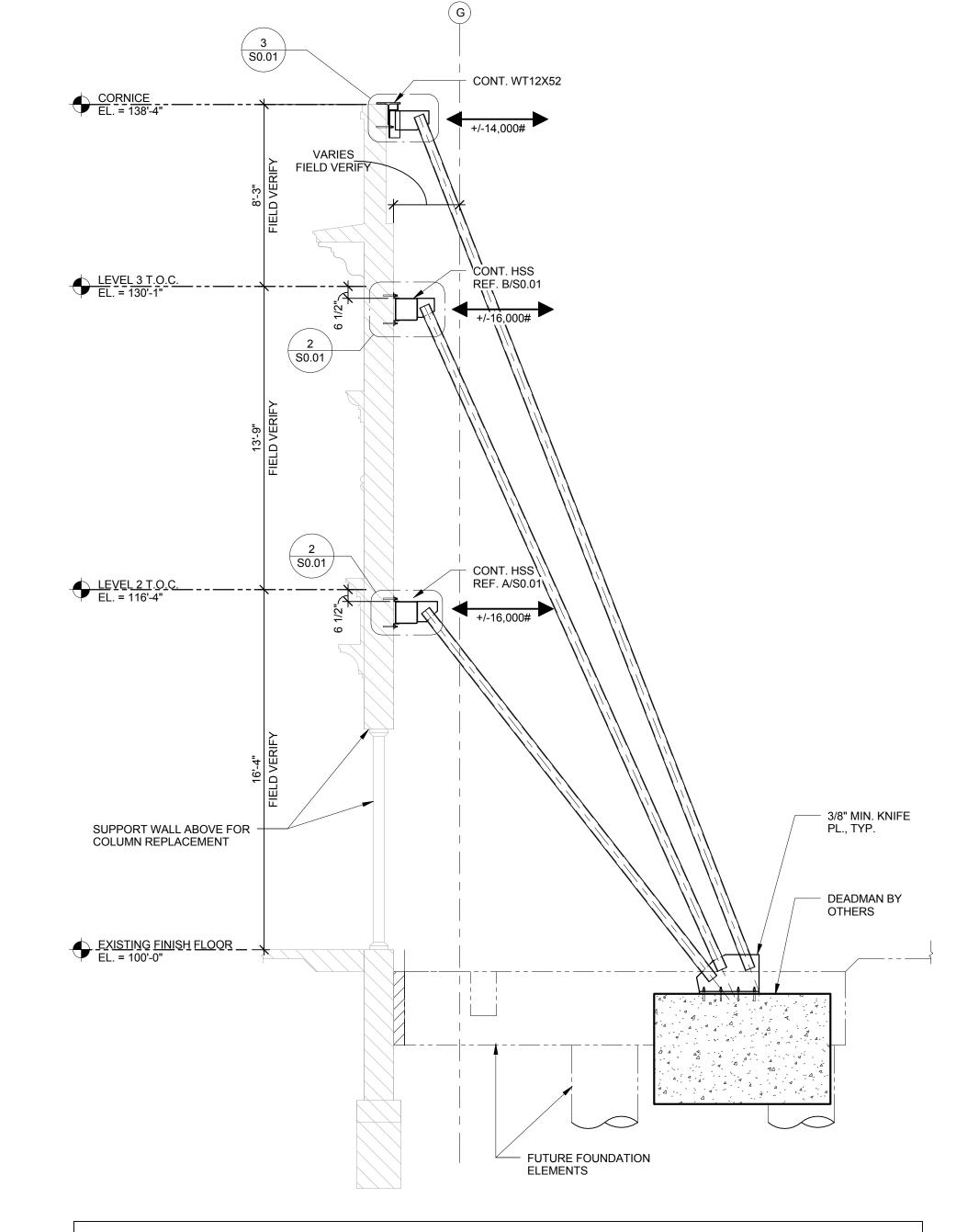
REQUIRED TO FACE OF

EXISTING WALL

ADHESIVE ANCHORING INSTALLED

WITH SCREEN.

SCALE: 1 1/2" = 1'-0"



EXISTING DEMIZING WALL AND CONCRESS AVE HISORIC FAÇADE BRACING SEQUENCE:

DOCUMENT PRE-CONSTRUCTION CONDITION OF BOTH SIDES OF EXISTING DEMIZING WALLS AND CONCRESS AVE HISORIC FAÇADE. NOTE ANY VISIBLE CRACKS, LOOSE ROCKS, OR ANY OTHER VISIBLE DISTRESS IN THE WALL OR ADJACENT PROPERTY

INSTALL NEW STEEL BRACING BEAMS AS SHOWN ON A & B/S0.01 AT CONGRESS AVE HISTORIC FAÇADE.

PROVIDE TEMPORARY FLOOR SUPPORT POST SHORES TO ALLOW REMOVAL OF EXISTING STUD WALLS.

AT CONGRESS AVENUE HISTORIC FAÇADE, PROVIDE TEMPORARY STEEL BRACING FROM HSS BRACING BEAMS TO DEADMAN AT SPACING INDICATED ON A/S0.01 AND B/S0.01. AT EXISTING DEMIZING WALLS, INSTALL 5"Ø STD PIPE HORIZ. BRACING @O.C."

PROVIDE WATER RESISTANT PROTECTION TO EXISTING WALLS (REF. ARCH.).

PERFORM SELECTIVE DEMOLITION OF EXISTING STRUCTURE. (DEMOLITION BY GENERAL CONTRACTOR) INSTALL NEW FOUNDATIONS, COLUMNS, AND 2ND & 3RD FLOOR FRAMING. PROVIDE DECK LEAVE-OUTS AT BRACE LOGASTIONS

CONNECT STEEL BRACING MEMBERS TO NEW STRUCTURE AS INDICATED ON DETAILS CUT ON NEW CONSTRUCTION PLAN.

TEMPORARY BRACING MAY BE REMOVED AFTER ELEVATED COMPOSITE FLOORS AT 2ND & 3RD FLOORS HAS BEEN POURED AND CURED FOR A MINIMUM OF 7 DAYS.

10. CAST CONCRETE AT BRACE BLOCKOUTS IN COMPOSITE DECKS AS NEEDED.

REQUIRED.

CRACKING OF MORTAR JOINTS AND LOOSENING OF RUBBLE MAY OCCUR DURING INSTALLATION OF ADHESIVE ANCHORS IN EXISTING RUBBLE WALL. THE CONTRACTOR SHALL ADD A BID CONTINGENCY TO REPOINT JOINTS ON BOTH SIDES OF THE EXISTING WALL WHERE EXPOSED IN FINAL CONDITION.

DRILLING OF HOLES OR THE EPOXY ANCHORS SHALL BE PERFORMED WITH A DIAMOND TIPPED DRILL BIT USING THE "DRILL" SETTING. HAMMER DRILL FUNCTION SHALL NOT BE USED ON THE EXISTING RUBBLE WALL. EPOXY ANCHORS SHALL NOT BE INSTALLED IN MORTAR JOINTS. ANCHORS MUST BE INSTALLED AT LEAST 1-INCH CLEAR OF ANY

MORTAR JOINT. ALL ANCHOR LOCATIONS SHALL BE LAID OUT PRIOR TO INSTALLATION AND OBSERVED BY CARDNO HAYNES WHALEY (CHW). IT SHOULD BE ANTICIPATED THAT SOME CONNECTION ANGLE SIZES AND SLOTTED HOLE LOCATIONS WILL BE FIELD REVISED

DESIGN ANCHOR CAPACITY IS BASED ON FIELD TESTS PERFORMED BY HILTI. CONTACT CHW FOR TEST RESULTS.

FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS INDICATED ON THIS SHEET. NOTIFY CHW OF ANY DISCREPANCIES PRIOR TO ANY CONTRACTOR SHALL SUBMIT BRACING SHOP DRAWINGS AND CALCULATIONS FOR BRACING MEMBERS, CONNECTIONS AND ASSEMBLY PREPARED AND SEALED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS FOR HWA REVIEW, PRIOR TO

SECTION AND NOTES AT EXISTING DEMISING WALL BRACING

FABRICATION AND CONSTRUCTION.

Revisions Description 09.26.14 CONSTRUCTION DOCUMENTS

PROJECT NUMBER:

Author

DRAWING TITLE:

2013-0269-00

9/29/2014 6:06:48 PM

ONGRE

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sixthriverarchitects

1601 s. mopac expressway

barton skyway two, suite 100-d austin, texas 78746 512.306.9928 www.sixthriver.com

Cardno[®] Haynes Whaley

EXISTING WALL BRACING PLANS AND SHEET NUMBER: DETAILS

Checker

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Shaping the Future Texas Firm Registration No. F-15712 CHW Project No. 2013-0269-00

Cardno Haynes Whaley 5113 Southwest Parkway, Suite 295 Austin, Texas 78735 512-306-9669 Fax 512-306-9779





Application for Certificate of Appropriateness for a City Landmark or Local Historic District

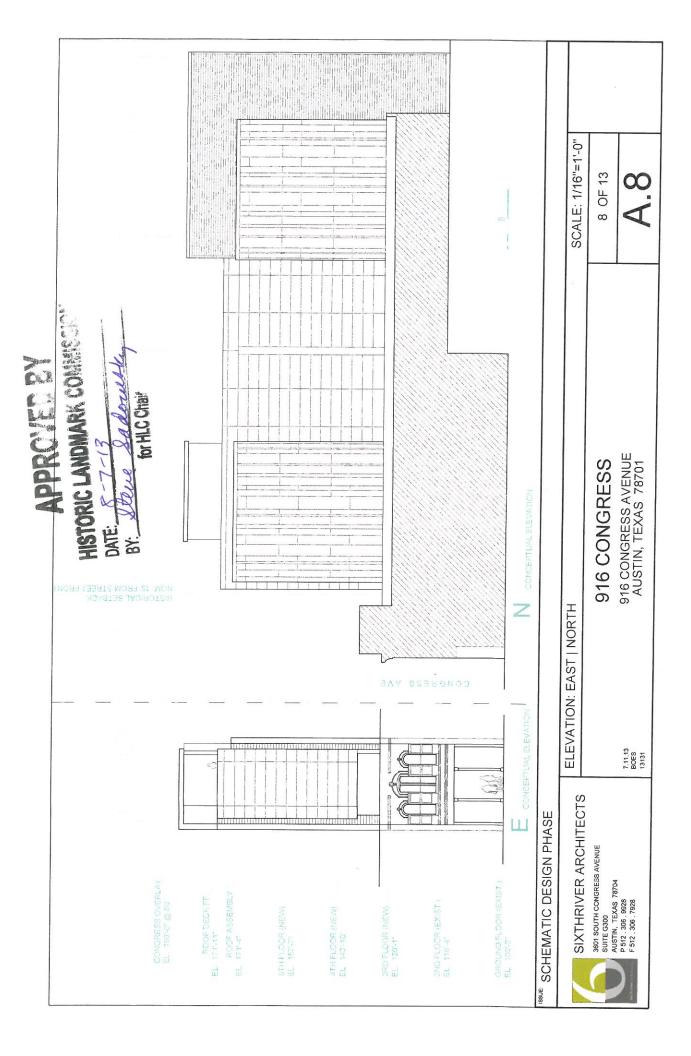
Adopted December 2012

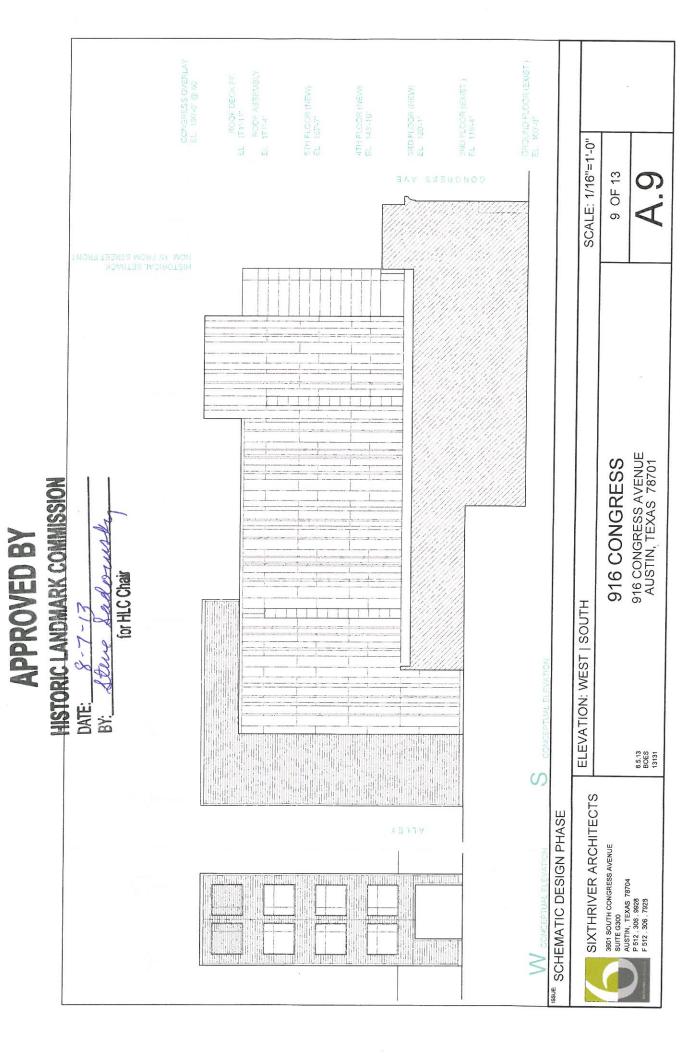
Pern	it Information	
	BP- PR-	(C14H)LHD-1982-0001-F
Ju V	10.000.01	
se 0	Property Name or LHD:	Contributing/Non-contributing
For Office Use Only	☐ RELEASE PERMIT ☐ DO NOT RELEASE PERMIT ☐	HLC REVIEW FEE PAID: \$ 424.40
Offi		
For	HISTORIC PRESERVATION OFFICE	
Prop		DATE:
	erty Information s: 916 Congress Ave., Austin, Texas 78701	The state of the s
Scope	of Work	
15,50	00 GSF of new Construction, 5 floors A.G. and a roof	f deck behind the preserved existing historic facade.
Applie	ant	
Name:	Thomas Boes - Project Manager - Sixthriver Archite	
Addres	3: 3601 South Congress Ave.	
City/Zip	, Austin, 78704	
Phone:	512-306-9928	
Email:	tboes@sixthriver.com	APPROVED BY
Owne		HISTORIC LANDMARK COMMISSION
Name:	Trey Watson - W Capital Partners	DATE C - 7 - 12
Address	515 Congress Avenue, Suite 1400	BY Leve Ladous Kin
Cîty/Zip	Austin, Texas 78701	for HI C Chair
Phone:	512-330-9723	IVI TILO VIIGII
	trey@wcapitalpartners.net	
Email:		
	ect or Contractor Information	
Compan		
Address:	3601 South Congress Ave	
City/Zip:	Austin 78704	
hone:	512-3/6-9928	
	1/1/1/1/1/1	
	1/3/13	7/3/13
Owner's	Signature Date	Applicant's Signature Date

SCALE: 1/16"=1'-0" 5 OF 13 HISTORIC LANDMARK COMMISSION APPROVED BY for HLC Chair 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS FLOOR PLANS: LEVELS 5 & 6/ROOF 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS SCHEMATIC DESIGN PHASE 3801 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN, TEXAS 78704 F 512, 306, 9928

SCALE: 1/16"=1'-0" A.6 6 OF 13 4 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS HISTORIC LANDMARK COMMISSIO APPROVED BY for HLC Chair BUILDING SECTION: SOUTH DATE 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS SCHEMATIC DESIGN PHASE 5:--3 3601 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN, TEXAS 78704 P 512, 306, 7928 F 512, 306, 7928 AFILEY

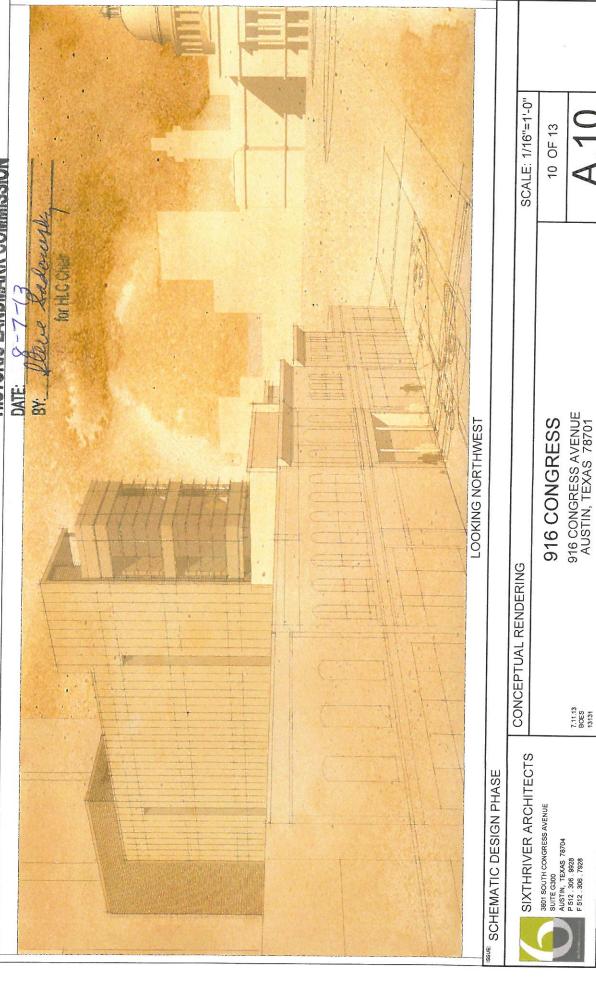
ALLEY NX EAST-WEST SCALE: 1/16"=1'-0" E=== E E 7 OF 13 HISTORIC LANDMARK COMMISSION APPROVED BY for HLC Chair 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS -03 BUILDING SECTION: EAST & NORTH 4 3 2 CONCRESS AVE 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS ISSUE SCHEMATIC DESIGN PHASE 3601 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN, TEXAS 78704 P 512, 306, 7928 F 512, 306, 7928 5 4 3





APPROVED BY

HISTORIC LANDMARK COMMISSION



APPROVED BY

HISTORIC LANDMARK COMMISSION

DATE

for HLC Chair

DONSTRUCTION TYPE PREFERED TYPE 18 (DHR) ALTERNATE: TYPE 2A (148)

ACADE AREA 2,030 SF 315/115% or 2,030 x 015 = 304 SF (304 SF)

THIRD FLOOR

SCALE: 1/16"=1'-0" 13 OF 13

A.13

SOUR SCHEMATIC DESIGN PHASE

SIXTHRIVER ARCHITECTS

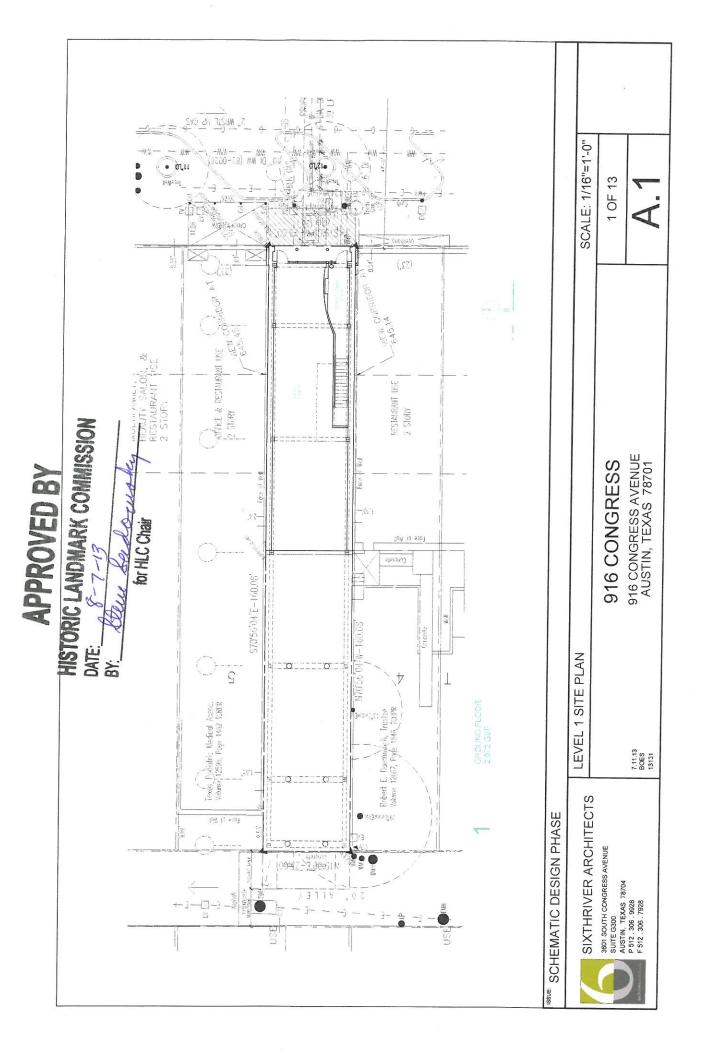
3601 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN: TEXAS 78704 P 512. 306. 7928 F 512. 306. 7928

BUILDING SUMMARY

916 CONGRESS

7,11,13 BOES 13131

916 CONGRESS AVENUE AUSTIN, TEXAS 78701



SCALE: 1/16"=1'-0" 2 OF 13 RESTAURANT U RESTAURANT USE 2 STORY 2 STORY 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS HISTORIC LANDMARK COMMISSION for HLC Chair **LEVEL 2 SITE PLAN** DATE 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS SSUE: SCHEMATIC DESIGN PHASE 3601 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN, TEXAS 78704 P 512, 306, 9928

APPROVED BY

SCALE: 1/16"=1'-0" 3 OF 13 HISTORIC LANDMARK COMMISSION for HLC Chair 8-7-13 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS PATE FLOOR PLANS - LEVELS 1 & 2 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS SCHEMATIC DESIGN PHASE 3601 SOUTH CONGRESS AVENUE SUITE 0300 AUSTIN, TEXAS 78704 P 512, 306, 9928 F 512, 306, 7928

APPROVED BY

HISTORIC LANDMARK COMMISSION SCALE: 1/16"=1'-0" APPROVED BY 4 OF 13 for HLC Chair DATE 916 CONGRESS AVENUE AUSTIN, TEXAS 78701 916 CONGRESS FLOOR PLANS: LEVELS 3 & 4 7.11.13 BOES 13131 SIXTHRIVER ARCHITECTS SCHEMATIC DESIGN PHASE 3601 SOUTH CONGRESS AVENUE SUITE G300 AUSTIN, TEXAS 78704 F 512, 306, 928 F 512, 306, 7928



City of Austin BUILDING PERMIT

PERMIT NO: 2015-112070-BP

Type: COMMERCIAL

Status:

Active

916 CONGRESS AVE

Issue Date: 09/24/2015

EXPIRY DATE:

08/22/2017

LEGAL DESCRIPTION SITE APPROVAL ZONING S 23FT OF LOT 5 BLOCK 110 ORIGINAL CITY SP-2014-0058C CBD WORK PERMITTED: PROPOSED OCCUPANCY: Diana Cortinas New SHELL Bldg (Admn/Bus Office) TOTAL SQFT VALUATION TYPE CONST. USE CAT. **GROUP FLOORS** UNITS # OF PKG SPACES New/Addn: 16,071 Tot Val Rem: \$.00 1B A-2. 6 324 1 \$4,200,000.00 Tot Job Val: % COVERAGE TOTAL IMPERVIOUS COVERAGE TOTAL BLDG. COVERAGE % COVERAGE

<u>Contact</u>	<u>Phone</u>	Contact	<u>Phone</u>
Applicant, CERA LANDA, SIXTHRIVER ARCHITECTS, INC	(512) 306-9928	Billed To, W CAPITAL PARTNERS	(512) 330-9723
Billed To, Buzz Hughes	(512) -	General Contractor, The Burt Group	(512) 848-4158
	÷		

Fee Desc	Amount Date	Fee Desc	Amount	<u>Date</u>	Fee Desc	<u>Amount</u>	Date
Building Permit Fee	1,295.00 9/24/2015	Building Plan Update Fee	541.00	9/3/2015	Development Services Surcha	219.36	9/30/2014
Development Services Surcha	21.64 9/3/2015	Development Services Surcharg	51.80	9/24/2015	Development Services Súrcha	29.20	2/21/2017
Development Services Surcha	1.68 2/23/2017	Expired Building Permit Fee	42.00	2/23/2017	Notification/Renotification	560.00	2/21/2017
Plan Review Fee	5,484.00 9/30/2014	Sign Fee - PAZ	170.00	2/21/2017	Site Inspection Fee - Building	37.00	9/24/2015
Fees Total:	8,452.68						

8,452.68

Inspection Requirements

Building Inspection

Electric Inspection

Environmental Inspection

Fire Inspection

Landscaping Inspection

Mechanical Inspection

Water Tap Inspection

Plumbing Inspection

Sewer Tap Inspection

All Buildings, Fences, Landscaping, Patios, Flatwork And Other Uses Or Obstructions Of A Drainage Easement Are Prohibited, Unless Expressly Permitted By A License Agreement Approved By COA Authorizing Use Of The Easement.

City Code Chapter 25-12, Article 13: A permit expires on the 181st day if the project has not scheduled nor received an inspection. A "Cancelled" and/or "Failed/No Work Performed" inspection result does not extend the expiration date.

The following permits are required as a separate permit: See Mechanical, Electrical, Plumbing permits for Related Fees and Inspections.

Comments

Project Name 916 CONGRESS**

Date

Reviewer

Commercial Building Plans

09/09/2015

Emeka Onuoha

By Accepting Or Paying For This Permit You are Declaring That You Are The Owner Or Authorized By The Owner That The Data Submitted At The Time Of Application Was True Facts And That The Work Will Conform To The Plans And Specification Submitted Herewith.

Printed: 02/23/17 8:24

5602138 PERMIT CENTER 505 BARTON SPRINGS RO-1STFL AUSTIN IX 78704 512-974-2684

|erm 10: 006

Ref #: U01

City of Austin

P.O. Box 1088, Austin, Texas 78767

RECEIPT

Sale

Payment 02/23/2017

Date:

Invoice 6498536

No.:

XXXXXXXXXXXX3768

VISA

Entry Method: Swiped

02/23/17

08:15:35

Inv II: 000001 Approd: Online Appr Code: 142533 BatchII: 054001

43.68

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USTIN TX 78749

J08 CHENO CORTINA TRL

Total:

Customer Copy

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rayment Received: \$43.68

Amount Applied:

\$43.68

Cash Returned:

\$0.00

Comments: AUTH142533-3768

Additional Information

Department Name: Development Services Department

Receipt Issued By:

Kimberly Morrison

Receipt Details

FAO Codes	Fee Description	Internal Ref. No.	Address	Permit/Case No.	Amount
1000 5300 9770 4053	Expired Building Permit Fee	11416756	916 CONGRESS AVE	2015-112070-ВР	\$42.00
8131-6807-1113-4066	Development Services Surcharge	11416756	916 CONGRESS AVE	2015-112070-ВР	\$1.68
				Total	\$43.68