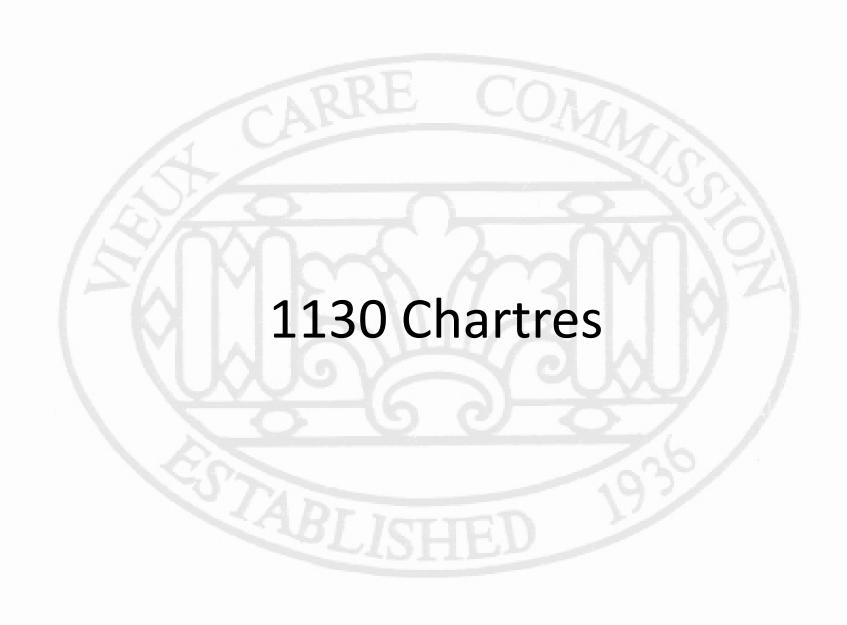
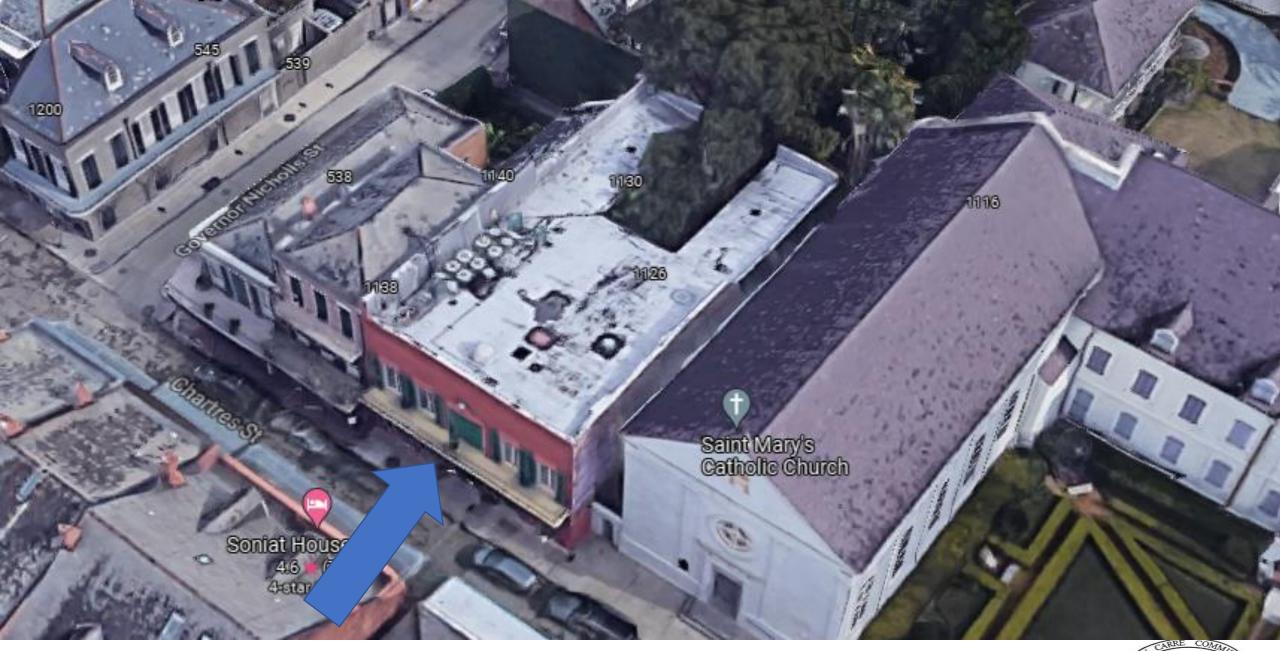
Vieux Carré Commission Architecture Committee Meeting

Tuesday, September 13, 2022







1130 Chartres













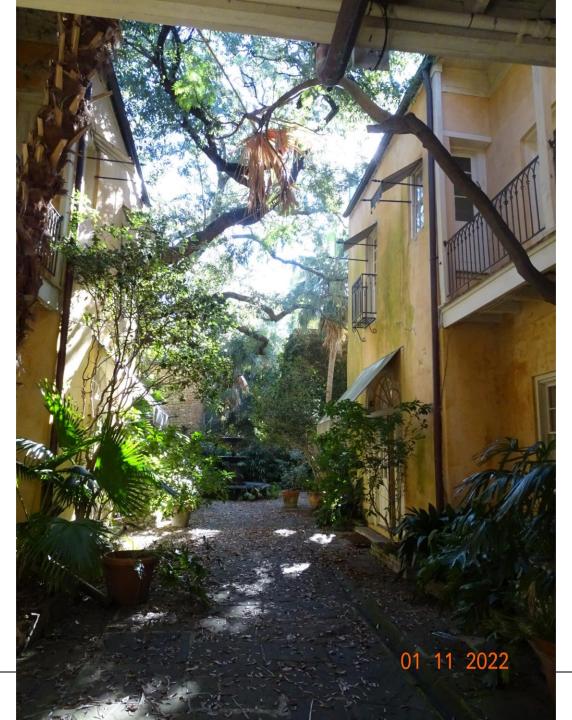








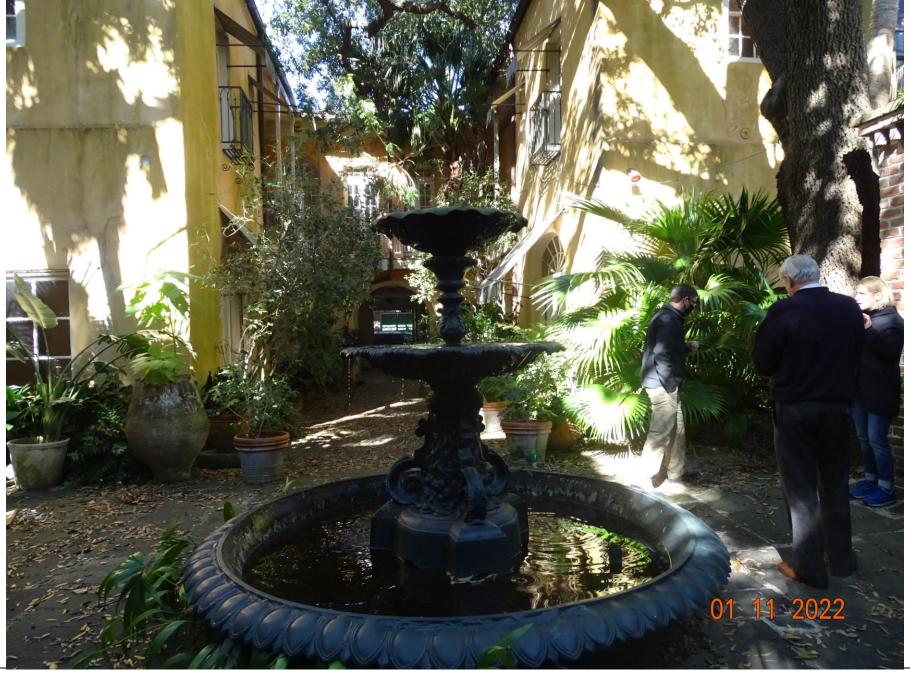






























MORPHY, MAKOFSKY, INC.

CONSULTING ENGINEERS
336 N. Norman C. Francis Parkway
New Orleans, LA 70119
P:504/488-1317 F:504/488-0924
www.mmi-eng.com

Jamie L. Saxon Jonathan A. Sofranko H. Stephan Bernick

August 8, 2022

Jonathan Marcantel Albert Architecture 3221 Tulane Avenue New Orleans LA 70119

Re: Soniat House

Charters Street, New Orleans

Dear Mr. Marcantel,

As discussed, we are providing you report of the existing masonry walls and our opinion as to the necessity of the repairs we have specified.

During our inspection, we typically look for signs or indications of movement of the bricks in the wall, visible observations of broken bricks and the condition of the lime-based mortar. To the extent we can see powdery mortar, missing mortar or see clearly into the inside of the wall thru the mortar joints, we become concerned that the structural integrity of the wall is somewhat compromised. We also have an inspection camera that allows us to look in the inner portion of the walls. We look for voids or cracks in the interior of the masonry wall and attempt to obtain a visual understanding of the mortar condition in the inner portion of the wall.

We conducted this type of inspection and assessment of the exterior walls and recommend the repairs to the walls, including the use of a grout injection process developed and formulated by Masonry Solutions. These repairs and their process will restore their structural integrity to the walls without changing the appearance and using materials that are compatible with the walls.

The walls observed at the site are suffering from significant mortar decay and lack of support from the foundations. This has allowed the movements of the walls causing fracturing of the brick and bulging of the wall in addition to continued cracks propagating thru the wall. In addition, the existing window lintel has failed and needs to be replaced. When a portion of the plaster was removed for explore the condition of the masonry is an old wooden lintel walls found in the masonry. This wood has rotted and is causing additional problems to the masonry wall and is a major discontinuity in the masonry matrix of the wall structure.

The purpose of the grout injection with compatible mortar material is to re-establish the mortar joints both horizontal and vertically between the masonry bricks. Secondly, the reinforcing bars will provide tension capability to the wall thus increasing the walls ability to withstand differential movements. The grouting process will also provide a much more stable wall to allow for the safe removal of the existing embedded wood lintel and then the installation of the new lintel. The helical joint reinforcing will is





specified on the smaller crack areas and are intended to disperses the stresses in the masonry that are causing the cracks that have been occurring. Tuck pointing of masonry walls is a only a superficial and more cosmetic type repair and does not and cannot provide structural rehabilitation to a masonry wall.

MMI has been involved with the review and renovations of many historic buildings in the New Orleans area. Specifically, we have recommended the grout injection process for the following projects:

- Country Inn and Suites Hotel, center party wall and small area of the wall at the elevator, year 2000.
- Pump stations 3, 6 and 7 for the Sewerage and Water Board, year 2007/8.
- Mater Dolorosa Catholic Church, year 2007.
- WW2 Historic building on Magazine street, 2008/9.
- 1938 Magazine Street, year 2010.
- 720 Julia Street, year 2010.
- 417 Burgundy Street, year 2014.
- Perimeter walls at St Louis Cemetery No. 1, year 2014.
- St Patrick's church, year 2015.
- Bell School, existing chapel renovation, year 2016

To the best of our knowledge and information, we have not received any reports of any issues with these buildings and structures since the repairs and injection process were completed. We have periodically observed these buildings and structures after the injection process was completed and have not found any problems or issues with the masonry walls. Many of these buildings and structures have a similar type of construction as the buildings involved in this matter. They also used the soft red bricks and the soft historic type mortars included in the masonry wells at issue in this case.

In summary, the specified repairs will not change the look, nor will any materials be used that are noncompatible. As the engineering firm of record, who is responsible for the structure of these buildings we require that these repairs be done.

Yours truly,

Morphy Makofsky, Inc.

Jamie Saxon, P.E.





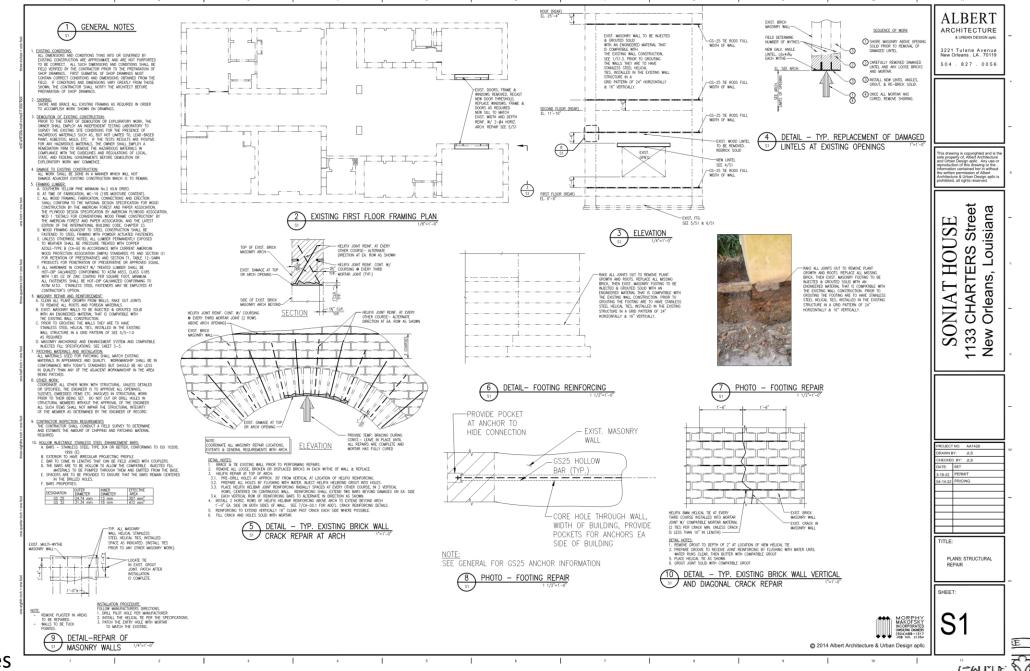


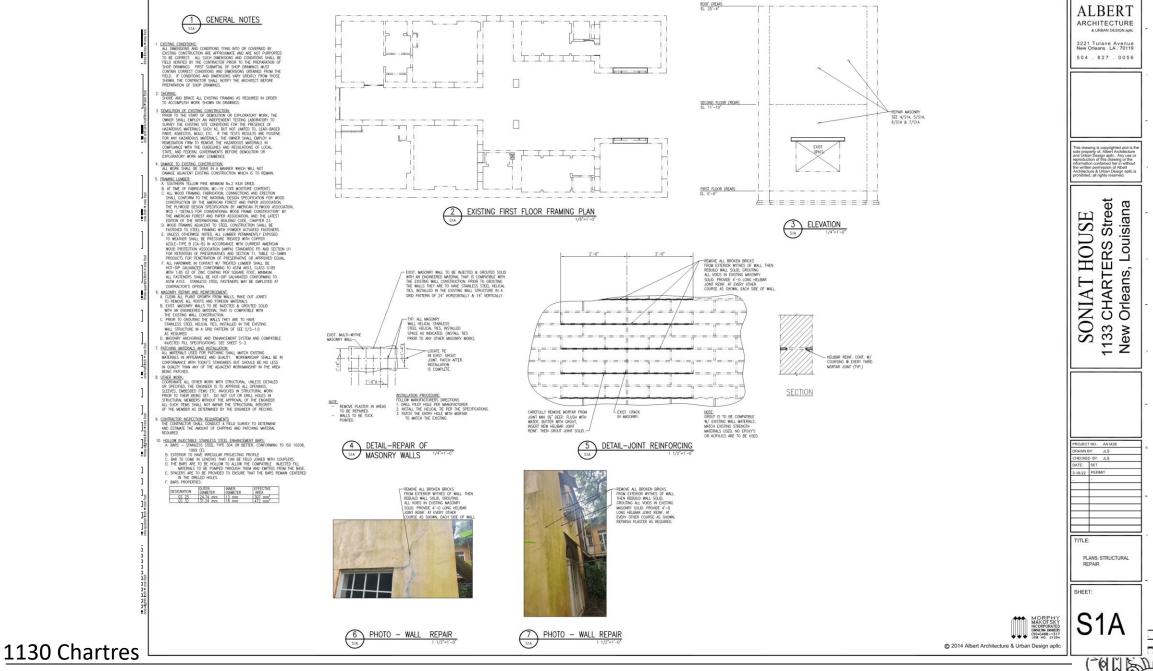
Photo 1: Wall to be repaired, missing mortar cracked, cracked brick.



Photo 2:Embeded wood in masonry. bricks in generally poor condition.







VCC Architectural Committee

September 13, 2022

fill (CIF) into anchoring and enhancement systems. The formulation and injection of cementitious fill for and into masseny walls is a highly specialized application. The process requires an experienced, approved applicator and professional engineer trained to work together before and during the work.

projected for compilable specified Bill while include crement and cementifician malerials, with no more than 0.55 by values of dominates, or expired to Suffi imprised beginners, for projections will be excepted in the form indention. All of formeties in the incon-closed and non-creminate was normalized as the conversable. When the condition of the shortcur, the pattern of the units, and the wordering of the contraction. Either industrials must be units, under the other conditions of the shortcur, the pattern of the units, and the wordering of the industrials. Either industrials are not to sufficient industrials of the shortcur, the pattern of the units, under the wordering includes or support considerable part of the condition. It softlices makes are required to the condition of the state of the condition of th

Submittals will include appropriate test data, along with information on three (3) projects at which the grout(s) were utilized. Historical information will include wall section, type of project, scale of project, material characteristics, quality control test results, contact names and phone numbers. The applicator and injustice many control test results, contact names and phone numbers. The applicator and injustice will certify that the submitted materials are the same moderation on an appeal of those used at similar contains the past projects. Protos or decidin may

or compatible injected fill work in conjunction with the masonry anchoring and enhancement system, compatible injected fill will be formulated to achieve materials arracteristics as identified above, to match the material characteristics of the host wall. The injection engineer will certify as to the material compatibility with each

Composible injected fill shall be mixed occording to the proportions and mix procedures determined by the Injection Engineer shall have demonstrated properties unlately for masonry injection. Demonstration that the composible injected fill OF formulation meets performance criteria shall be provided prior to beginning the reject in the form of text reports from the injection Engineer's approved believatory. Performance criteria include

- percent.

 Mix stability: measured with the Celman pressure cell; water loss under 10 psi pressure shall not be more than 1 ml per 350 ml sample.

 Expansion: ASTM C 940; range shall be specified by the injection engineer, considering the in-place material and project objectives, typically in the range of 1
- Some boad strength: AIC (featuble Provisions for the Development of Seismic Regulations for buildings); shall be greater than 100 psi., as tested in a mackup pender constructed the prepareetable of In-poles construction.

 Compression strength: ASTM C 1915, Standard Test Method for Someting and Testing Grout, strength shall be compositive with bear material, based on a feature-development of certified by the Inspiration Significant.
- Flow within a compatible material: MSI 101 Test for injection of compatible materials; flow shall be within historical and empirical guidelines. The Injection Engineer will certify with each submittal that the material will flow within the existing voids and not shrink, and will bond to the substrate.

2 STAINLESS STEEL INJECTABLE WALL TIES AND STRUCTURAL ENHANCEMENT FACTORY ASSEMBLAGES

Technical In	ormation	R25	R32	R38	R51
Effective Out	er Diameter (mm)	25	32	38	51
	er Diameter (mm)	22.5	29.1	35.7	47.3
Average Inne	r diameter (mm)	12	17.5	19	33.
Average Effe	ctive Cross Sectional Area (mm²)	284	425	717	939
Average U.T.	S (kN)	208*	308*	500	800
Yield Load (Weight (Kg/	in)	150*	250*	400	630
Weight (Kg/	n)	2.8	3.65	6	8.5

The controls that provide all necessary explanes for completing composite injected fill work, including misms, purps, and quality control explanes. Explanes that be in warding explaned in collected present can be designed as the proposal for case in beloading princise from the all and positively present as build-up of pressure within the wall. Also time will the explanest permit or pressure beyond 2 flow whom necessaries of the wall. The injection explanes will be applicated from the proposal pressure between the necessaries and the proposal pressure lateral or benching preprint and the size specified the explanest and that graperious pressure lateral or benching preprint and pressure and the preprint pressure lateral net benching preprint and the sufficiency preprint pressure lateral net benching preprint and the pressure and the pressure and the preprint pressure lateral net benching preprint and the pressure and the wall. The injection explanes are the wall. The injection explanes are the wall. The injection explanes are the pressure and the

Equipment for injection shall be law pressure range self-closing, authentic mining with outlandic pressure shallfulls, and rhecotat wall controls, self-leveling mining controls, and pressure values at the purps, believed for wall be collected only by five core tests, his hand-making or small (200 pound or less pookpage) mines and be disorded except for moderial within out-offer method with looks, dozon or will terminations, or secondly the moderial implication, if required per 1.0, purpsyals have a small produced for the purpsy and the disorder except for moderial within out-off method with out-offs, dozon or will reminded out of the moderal within 100, purpsyals and the disorder except for moderial within 100, purpsyals and the disorder except for moderial within 100, purpsyals and the disorder except for moderal within 100, purpsyals and the disorder except for moderial within 100, purpsyals and the disorder except for moderial within 100, purpsyals and the disorder except for moderal within 100, purpsyals are set to be a second or second

The cutting heads shall incorporate field-patterned and applied poly-crystalline diamond mineral chips to enhance drilling and eliminate vibratio

core wall of at least 5-degrees (wider at the bottom than the top) and thus a positive connection at the base of the anchor. The anchorage at the base of the anchor into the footing must provide for the full mobilization of the hollow stainless steel injection anchor.

The anchorage, enhancement and injection of masonry waits are a specialized technique. The applicator for this work shall have demonstrated capabilities by way of continuous training, and a minimum of ten years successful experience with software very care of the continuous contracts of the software of the software of the software of the contracts of the software of the software of enhancement start within failabor, here, or without changing the appearance or enthetics of the minimum year. Our to the complex nature of the work, now admittable and the contracts and only on applicant with the requires operations with the register, here, compatible inspiciously—developed the other contracts of the software of the contracts of the software of the contracts of the software of the contract of the software of the contracts of the software of the software

A qualified independent CF engineer shall be approved by the Engineer of Record for inspection and nondestructive testing of the CF work. The engineer, or his firm, must be registered professional engineers in the State of Louisian and Colorado and shall have as immirrum qualifications. 10 years previous experience. First learning, only and application of learning the contractive first and application of learning the state of louisian and application of learning the state possible of louisian and application of louisian and louisian

A one to three-person crew is required to inject the compatible injected fill-based masonry anchor and enhancement system. The crew must be familiar with masonry construction and be certified by the injection Engineer for compatible injected fill. Crewmembers are designated as the foreman, a material and equipmen

- 4. total production and tasks completed

- 7. notes regarding any special or non-typical situations encountered during the day

The injection engineer will accept and certify the person in charge of compatible injected fill and the masony archarage and enhancement materials, including material storage, bottlen, mixing, and conducting flow tests. Information regarded by bottlen volume, flow, and injection area is entered into a topbook for each bottle. This person is also charged with equagment setup and mathetance, including proper cleaning of mixing and injection equipment.

One or to greate all put an authority by former using set proportion, compeller injected find insource decays, County compeller injected find processors, and manually considered find the processors of the uniform will not use and all pulls processors been compelled find the firme final not processor will be attributed at the building inferred to which for potential compeller injected fill indexing out will notify be former to which the processor county and the processor of the

Qualification data shall be submitted 90 days prior to start of compatible injected 58, archrosps and enhancement operations. All injection personnel shall have bringing in GT as carefied by the Massory infection Training in Cells as carefied by the Massory infection Training cells. Builder, Gloration or regreeted egal and agrowed by the injection Engineer and the acrost enhancement manufacturer Qualifications shall be current as demonstrated by certification and remedial training conducted within the previous 6 months and updated on a 6-month basis.

An assument of moonry material condition is to be conducted by the biption Epigear or his representative for each notice installation exts. Be will include modesturities evolution using increase reads, reaging the extent and size of any visible surface contains, more just information, crucked or spaller units, or other visible surface damage which may have an effect on excharge performance, compatible injected fill confinement or the archary injection process. Note only substance receipting special terestent before exorbir visibilities, such as selective only or unstable zones.

4.2.1 SURFACE REPAIRS PRIOR TO INJECTION

Do not allow compositie injected GI to five into existing exposition or control joints. Provide a means to interrupt compositie injected GI list of each relative intervent plot study that composities injected GI is presented into presentating into the joint. The missarps controls relative study and of seal presentations of operated in installed enchant on necessary (including electrical collects, water cocks, doors, windows, etc.) (tashing, and beam seeds to prevent leadage such that oil consposities injected GI will be controlled within the wall.

Mosony wills containing significant interior voids such as empty or partially empty colar joints must have sufficient connection between wythes to resist injection pressure, as shown on the documents and determined by the injection fixingers. Deficient cream shall be interruptioned by installation of remedial helical injected wall ties compatible with the managing unchange and enhancement system at or infinitum spacing once the equilibration PLST spager feet of wall area.

registrial for controlled the controlled to the

If interior voids are to be injected, "Lugeon" masonry anchors and enhancement system tests shall be conducted by the Injection Engineer to determine composible injected Iff Muldity and aggregate requirements. The method is to be calborated on alle by determining the water line van better his rate but indicates void spoces agreed than 1/5" wide, for correct composible injected fill injection, versus the flow not be rowed spoces better 1/5" wide, for fine composible injected fill injection, versus the flow not be rowed spoces but 1/5" wide, for fine composible injected fill injection, versus the flow not be rowed spoces.

Mix all composible injected fill moterials according to supplier's recommendations. Monitor flow times of composible injected fill using appropriate quality control procedures to verify proper formulation and mining. The

Compatible injected fill injection will proceed per the injection engineer's protocol. The following procedure applies to each specific masonry anchorage and enhancement assembly to be injected with compatible injected fill

The Applicator shall coordinate with the roofing contractor that all temporary roofing accesses are properly closed and sealed by the end of a day's work.

Core drillers must demonstrate proficiency in masonry dry coring, demonstrated by prior work with masonry of similar characteristics, scope and type.

Where containment is shown, containment shall be the size indicated, utilizing a masonry anchorage and enhancement injection containment sy Engineer will approve the containment system as suitable for the hollow stainless steel enhancement and the topered connection at the base.

Flush all injection tubes within the designated repair area with water before compatible injected fill injection, inject a small amount of water (from ½ to 2 pints) into each injection held to flush newsy dust and dist Carlings. When operating outside in hot weather conditions, with temperatures greater than 90 F spray additional water into each converted held to cold and portified justificate the amount produced in the converted in the convert

Immediately prior to compatible injected fill injection (within 10 minutes) spray the exterior masonry surface lightly with water, if necessary, to prevent compatible injected fill adhesion. Keep a water hase and brush on hand during injection for cleaning any compatible injected fill spills from the masonry surface.

Soil is Tipe 250 or better discloses seter risk, in quality, spocing and dimension in indicated on the densings and applied by the mission processing and enhancement removalement and approved by bits the highestic following one displayer of roce, filters manufactures, instructions for the injunction following and compatible injusted fill conformed casessily. Compatible injected fill, sympothetic to the host wall and enjoyered for the mission processing and enhancement system will be delivered, in wheter-objects in exter-objects exclude containers in accordance with manufactures in commensations and the highestic filliplier's processing and applied and applied and applied and applied applied applied and applied applied applied applied and applied ap

For the majorry anchorage and enhancement system anchors, the compatible injected fill shall be injected through the hollow stainless steel enhancement bor to the bottom of the core and up the core around the bar within the containment sock. The Injection Engineer will determine the exact protocol for the injection, including any sequence for their injection protocol for the injection.

Surface cleaning shall be conducted during injection by immediately flushing any compatible injected fill from the masonry surface with water. Immediately following completion of the injection process, remove any remaining surface stains using water and a stiff, non-metallic bristle brush. mortar similar in color and composition to the original mortar firmly into injection holes and tool to match the surrounding mortar.

The Injection Engineer shall conduct nondestructive verification of compatible injected fill penetration. Verification shall consist of pulse-echo, infrared thermography, microscor rodor, or through-wall pulse velocity nondestructive measurements conducted throughout the injected one. The injection engineer shall determine the number and location of such tests by a rondord statistical process. Approximately 10 percent of the injection one is to be tested to verify injection quality.

Nondestructive measurements and visual inspection by the engineer shall confirm the presence of compatible injected fill around the masonry anchoring and enhancement system and adhesion of compatible injected fill within existing masonry. Where confirmation control the made or evidence of incomplete adhesion is found inspection holes shall be distilled to verify OF by persecipic examination. Locations where compatible injected fill is not be salization of the highciton

Quality enfoliation for control institution that include a series of prior funts, conducted of the other of massive accordance of exhibitions and included a review of prior funts, including the massive conducted of the other of massive accordance of accordance of accordance to 300 pointed in established deplacement of souther shall be provided to 300 pointed in established deplacement of other. Even for the territor has been shall be not included the southern accordance of the southern accordance on the southern accordance of th

At least 20 percent of all installed encloses shall also be proof tested using a collaborate largue enreach. The following maximum torques shall be resisted by installed enclosers: [I)—inch dependent 20 following. (I)—in-vite dependent 20 following. (I)—in-vite dependent 20 following. (I)—in-vite dependent 20 following enreal inspected, how once server closes for inspection, equipment used, results of monotonic control of the control of

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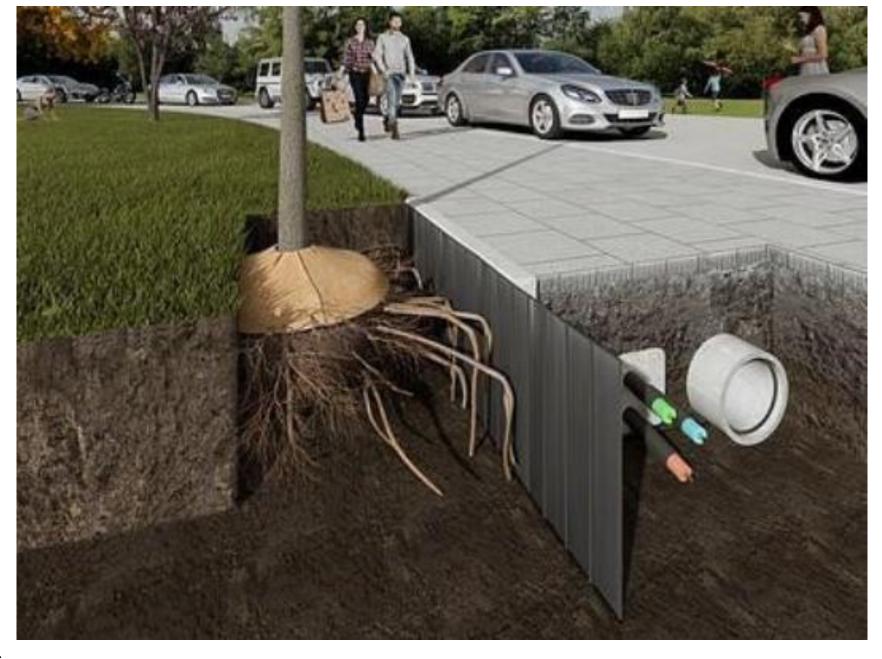
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SPECIFICATION

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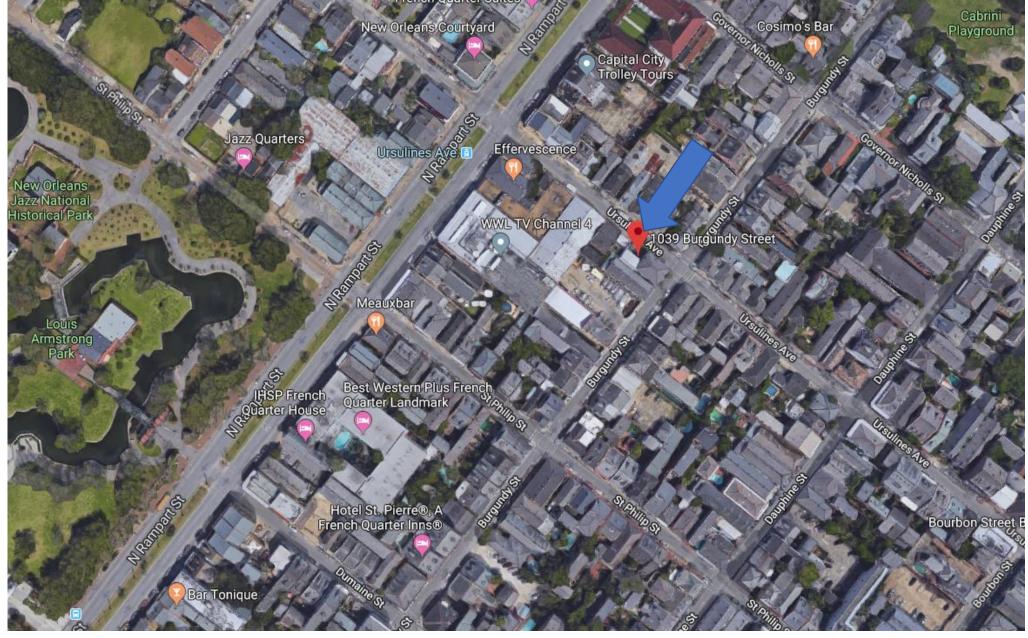






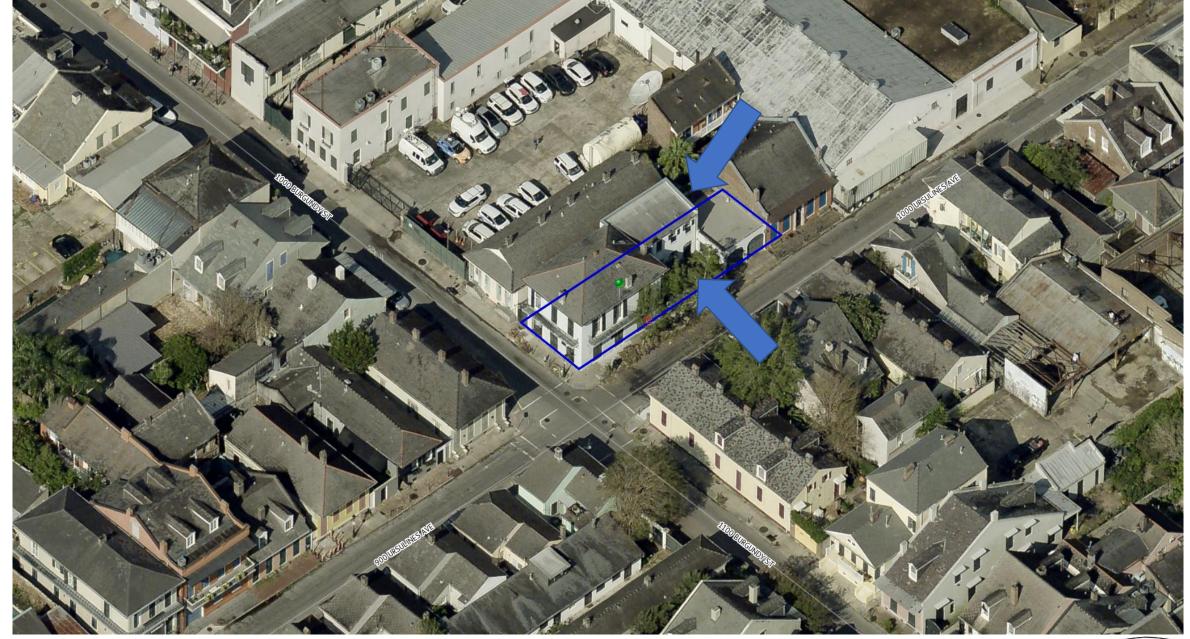








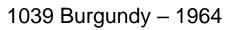




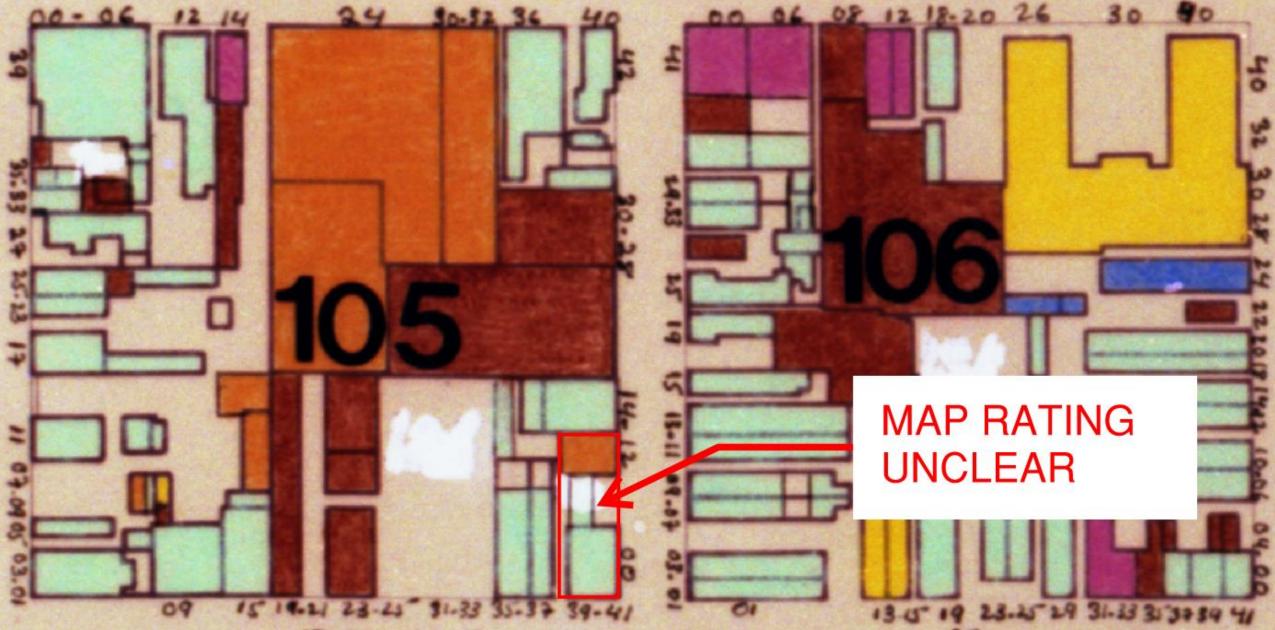






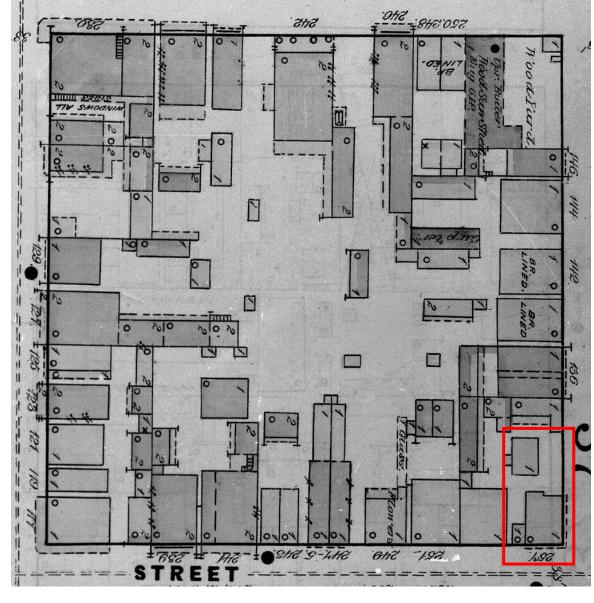


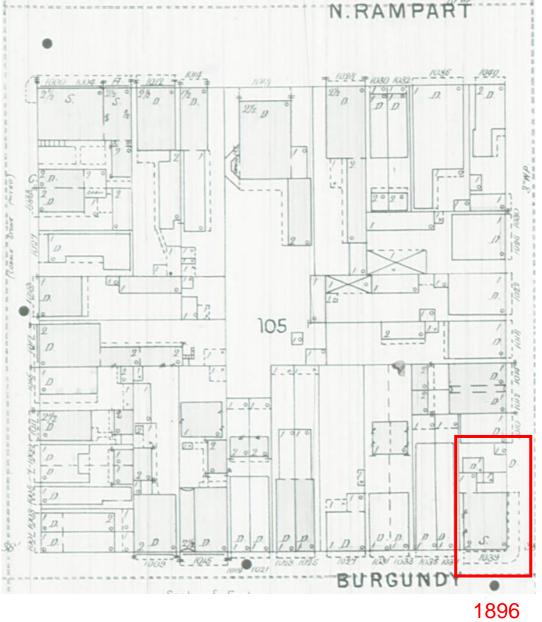




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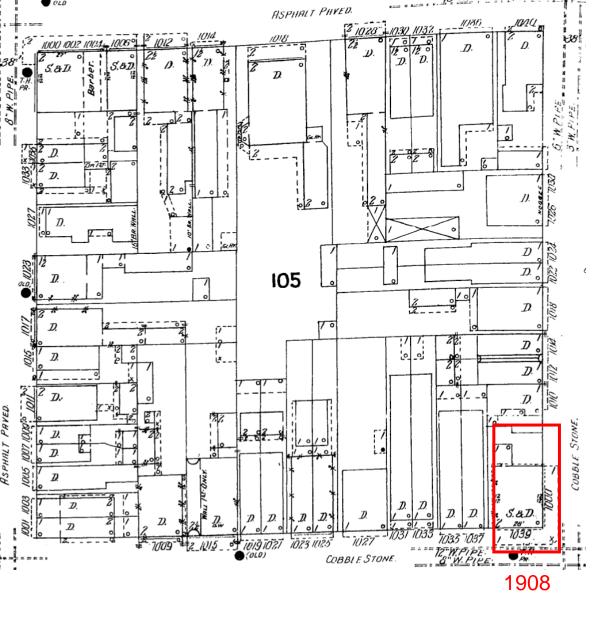


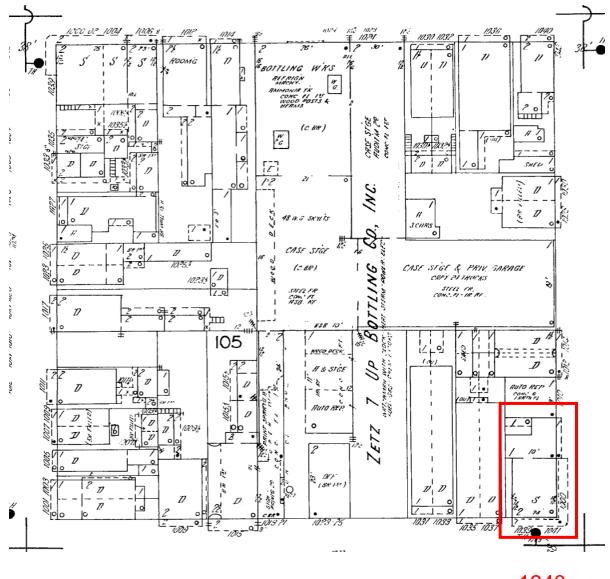


1876





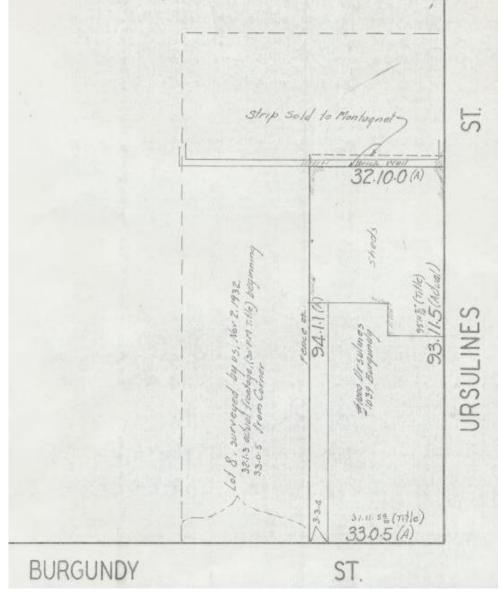




1940

1039 Burgundy – service ell not present







1934

1964

1039 Burgundy – service ell not present























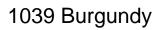




















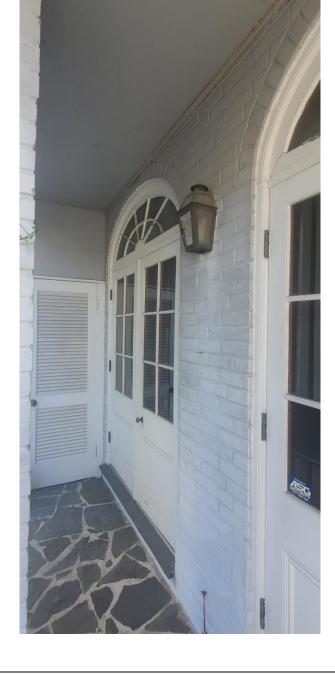


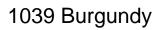




















1039 Burgundy Street

New Orleans, LA. 70116

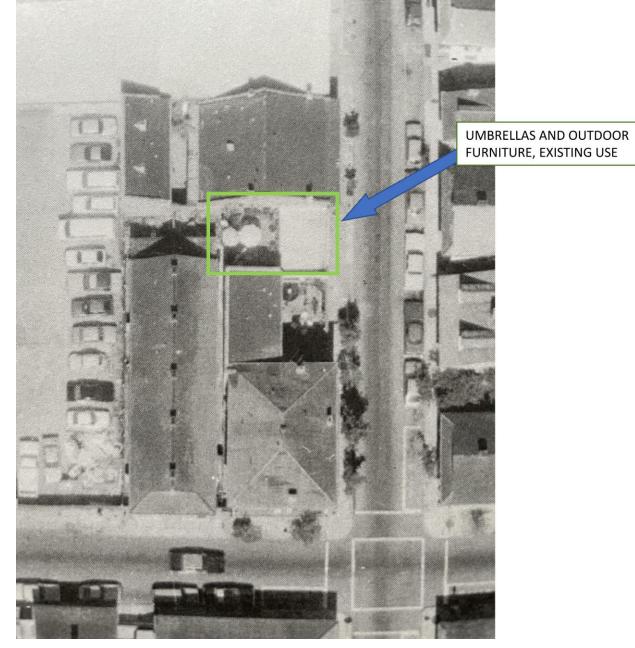
Exterior Renovations VCC ARC 8/19/2022

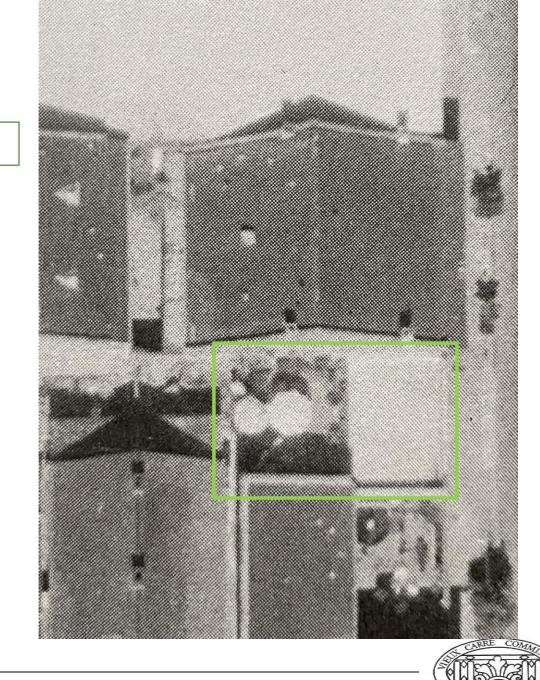
SANBORN ATLAS, APRIL 1983







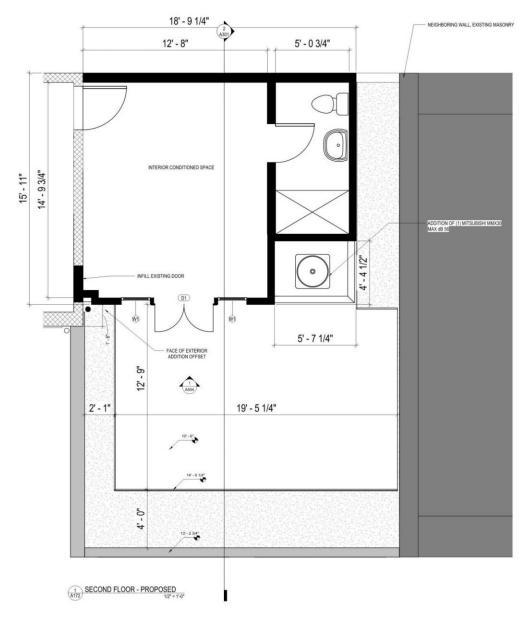




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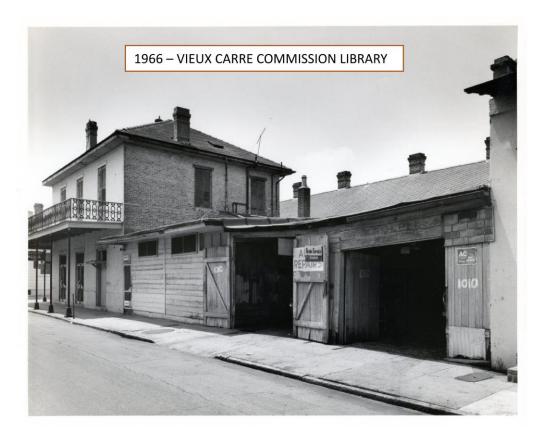


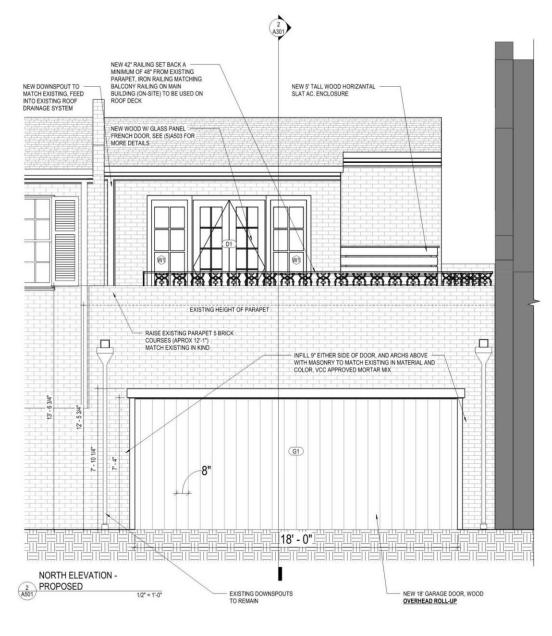






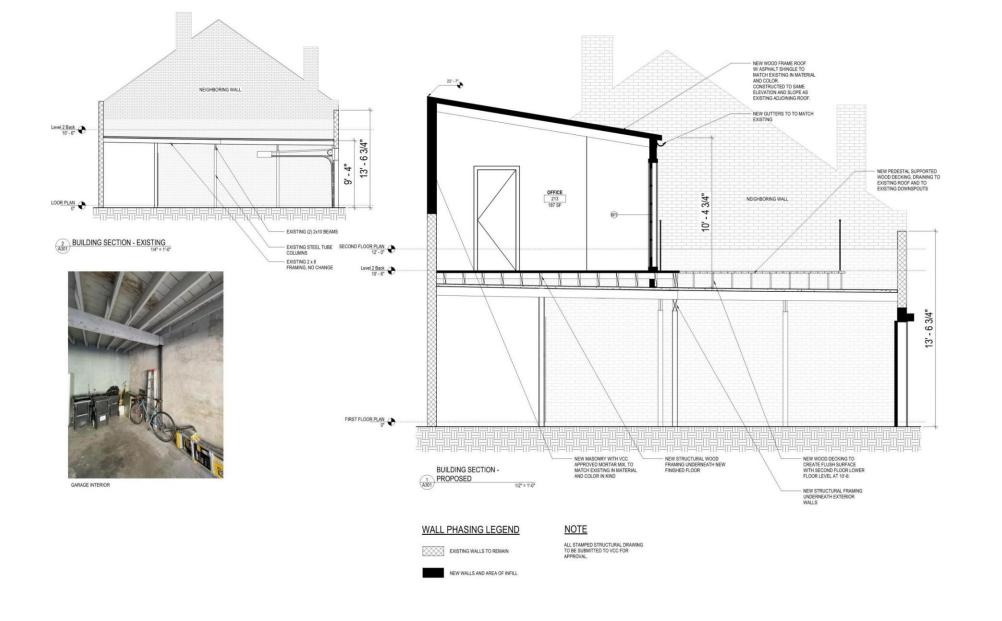




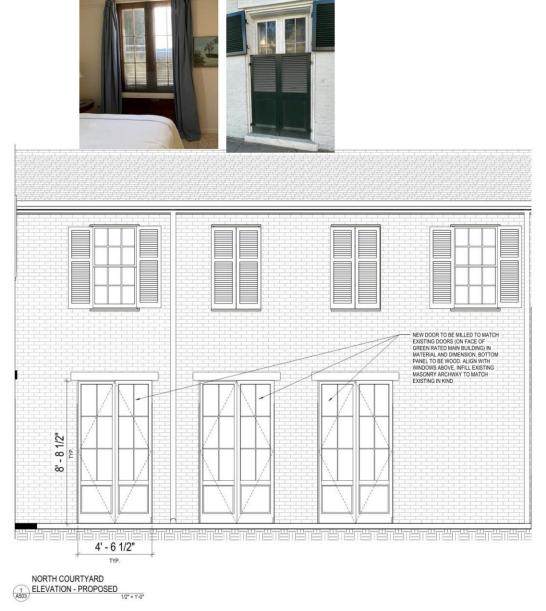










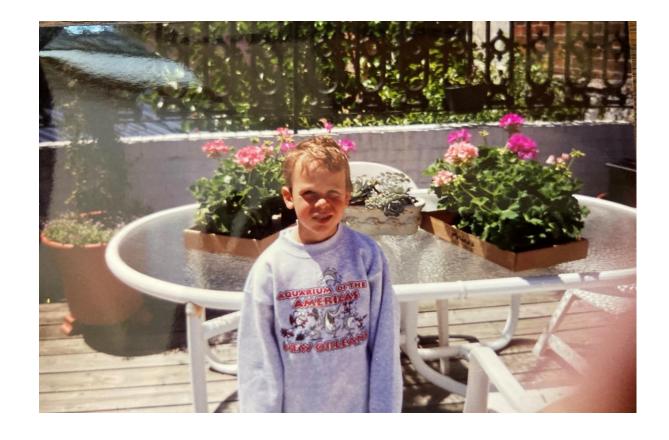


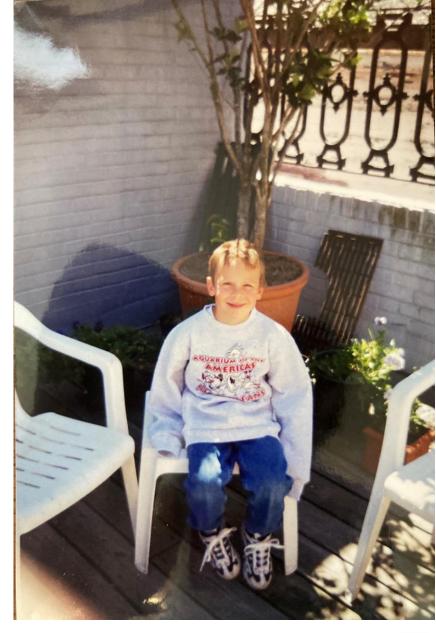


















1039 Burgundy





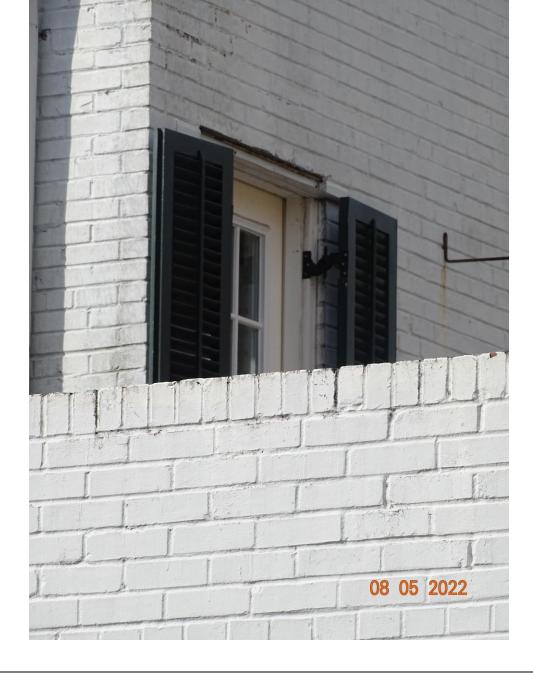












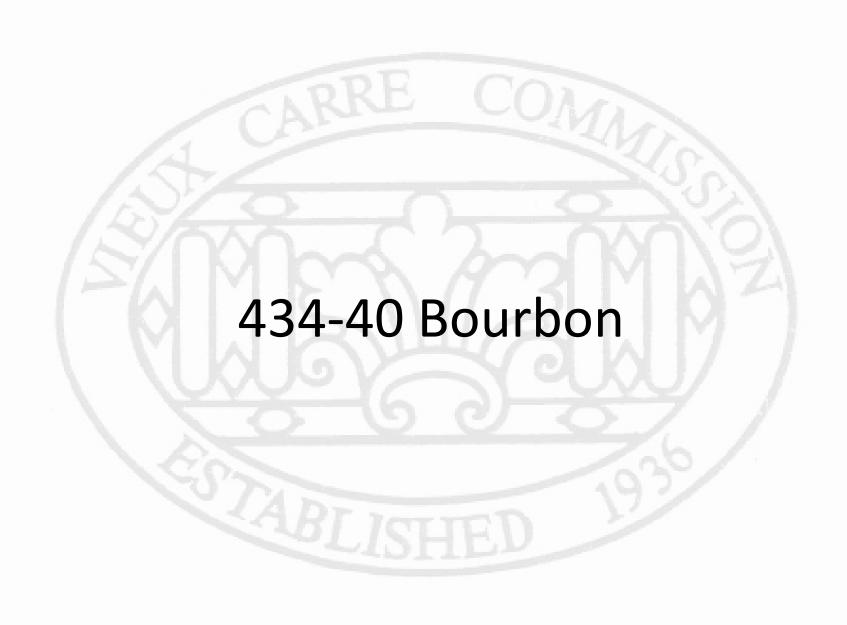




















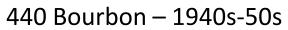






440 Bourbon – 1940s-50s









440 Bourbon – c. 1959











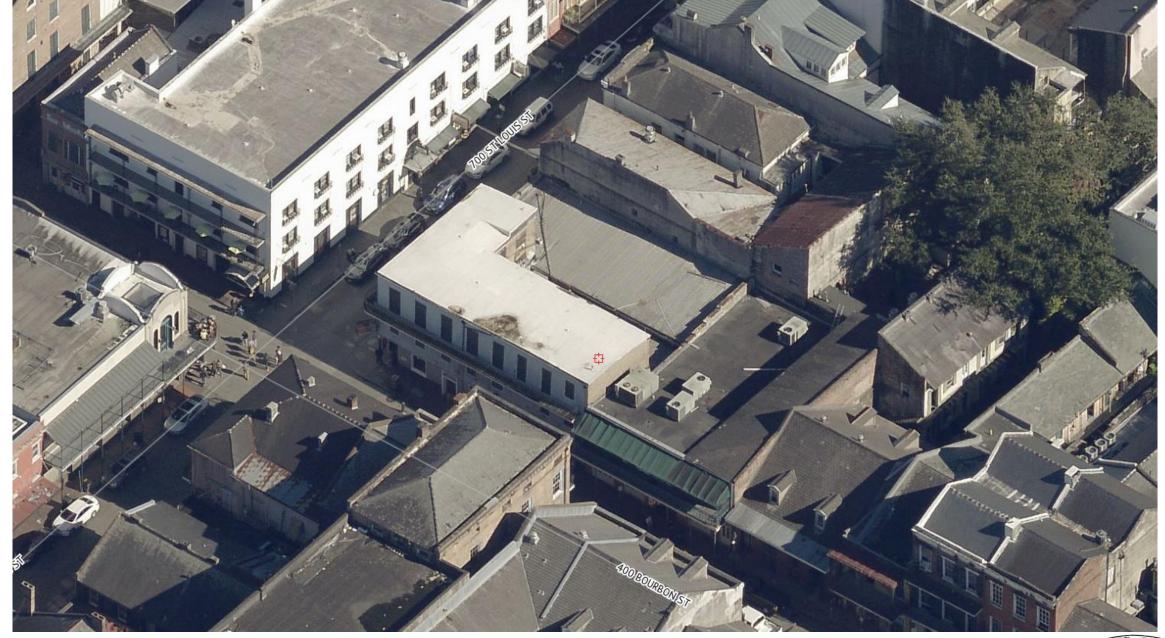












440 Bourbon



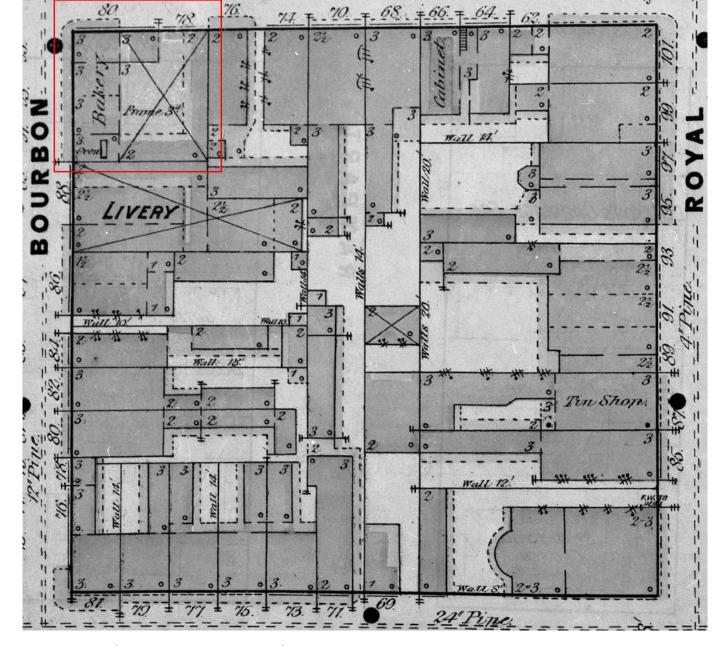
440 Bourbon

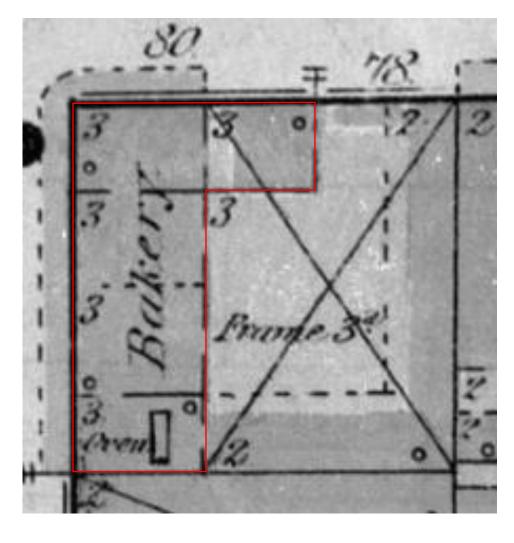






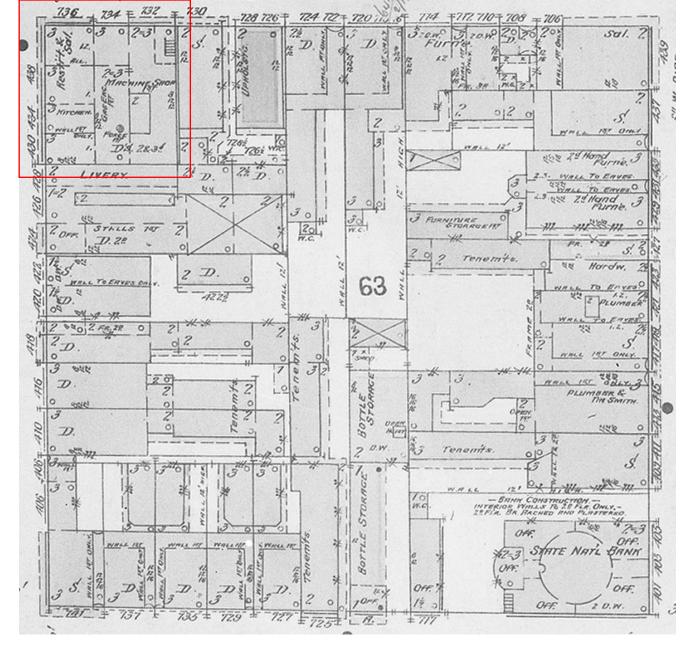


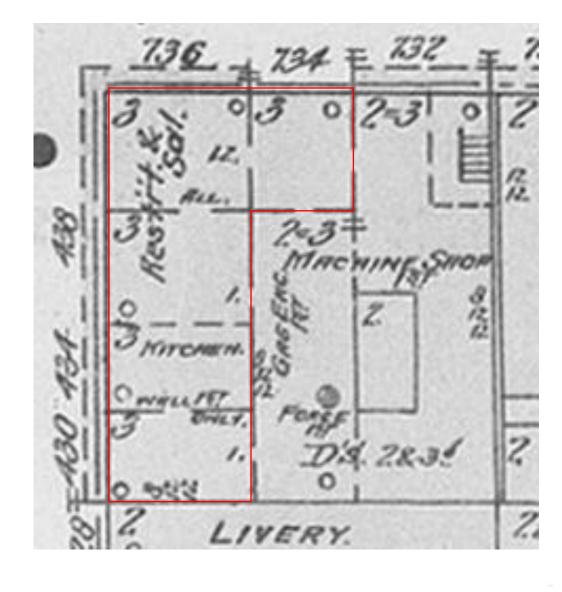




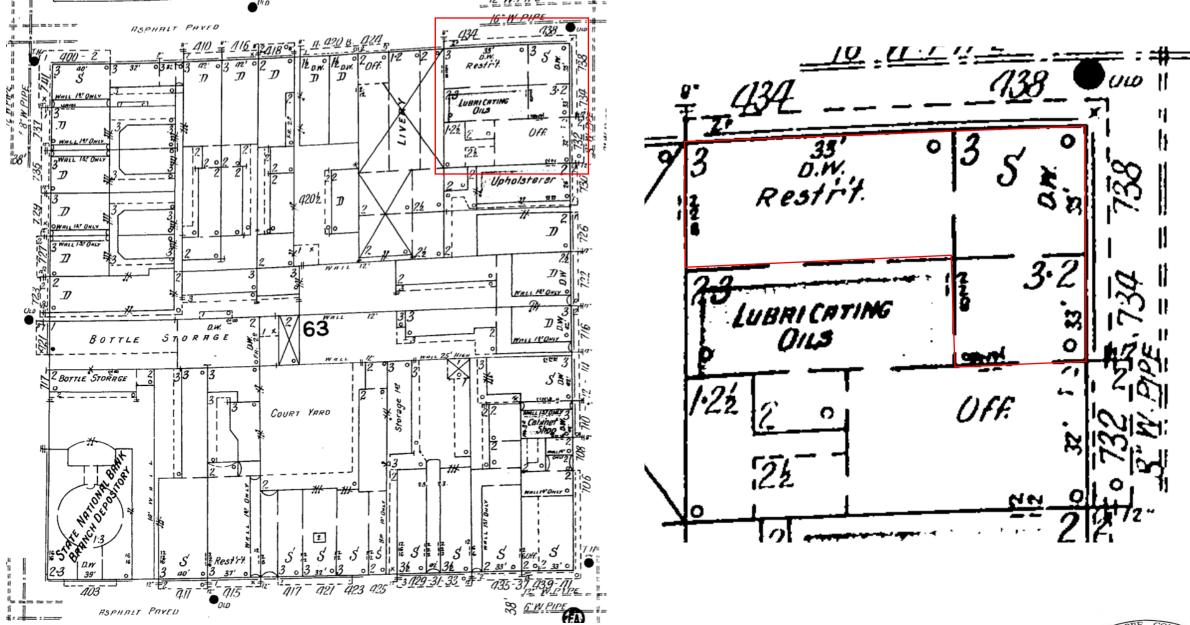
440 Bourbon – 1876 Sanborn

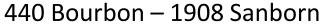




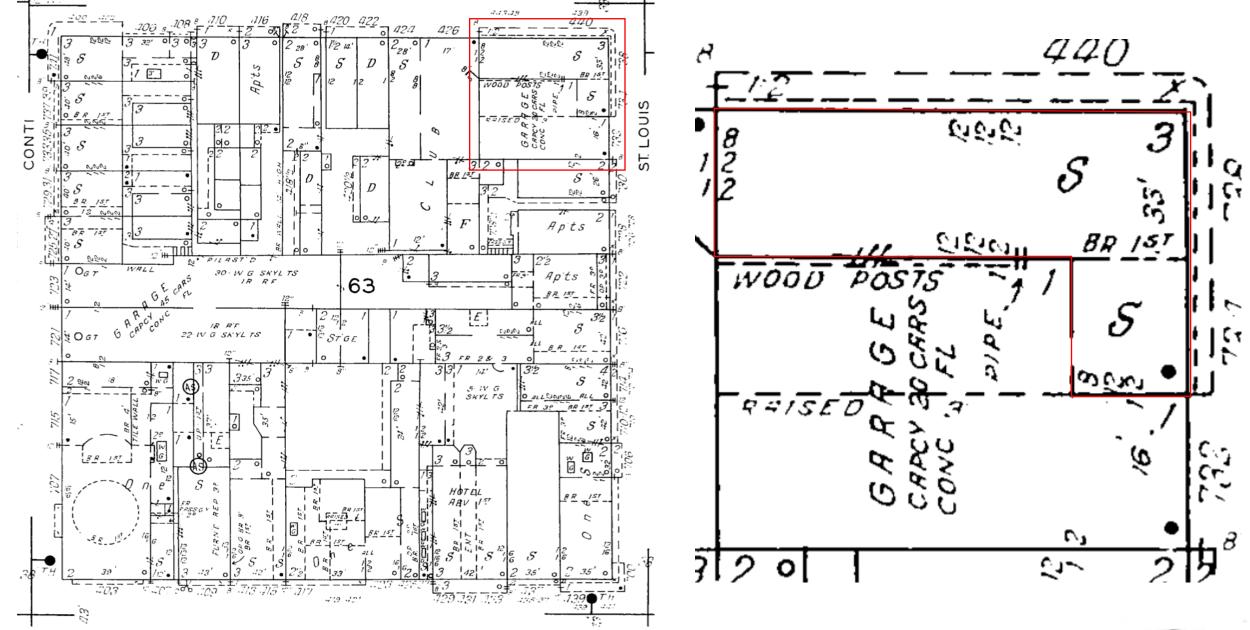


440 Bourbon – 1896 Sanborn









440 Bourbon – 1940 Sanborn





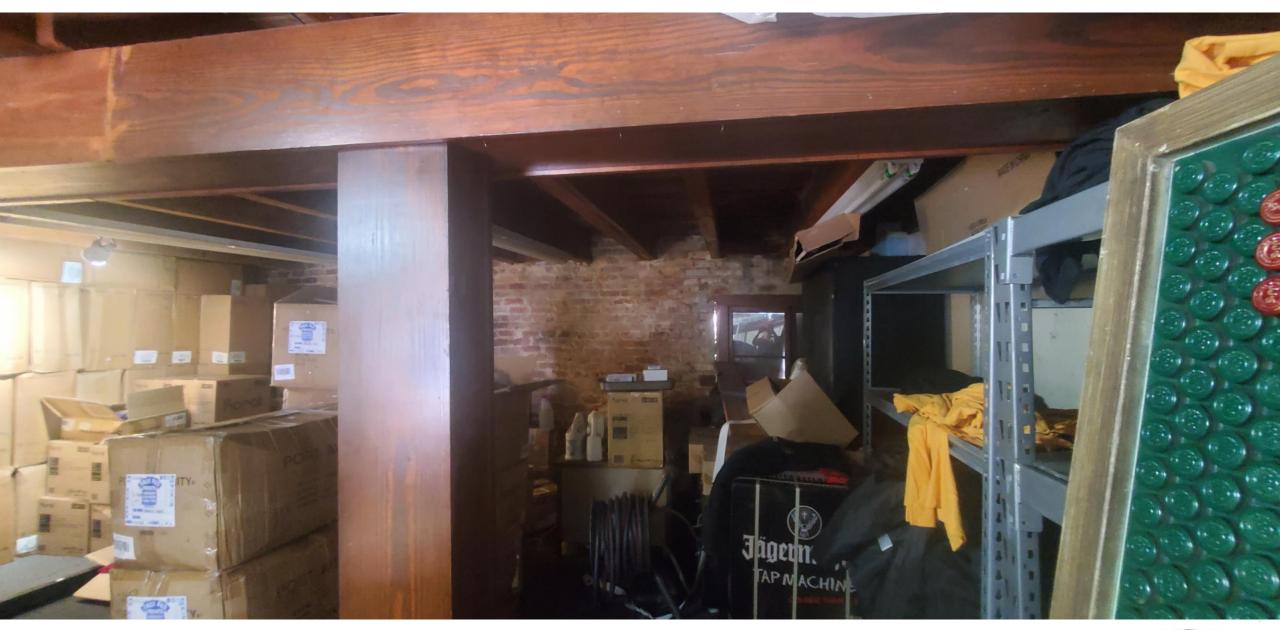
440 Bourbon – first floor

PRE COMMO



440 Bourbon – entresol level





440 Bourbon – entresol level





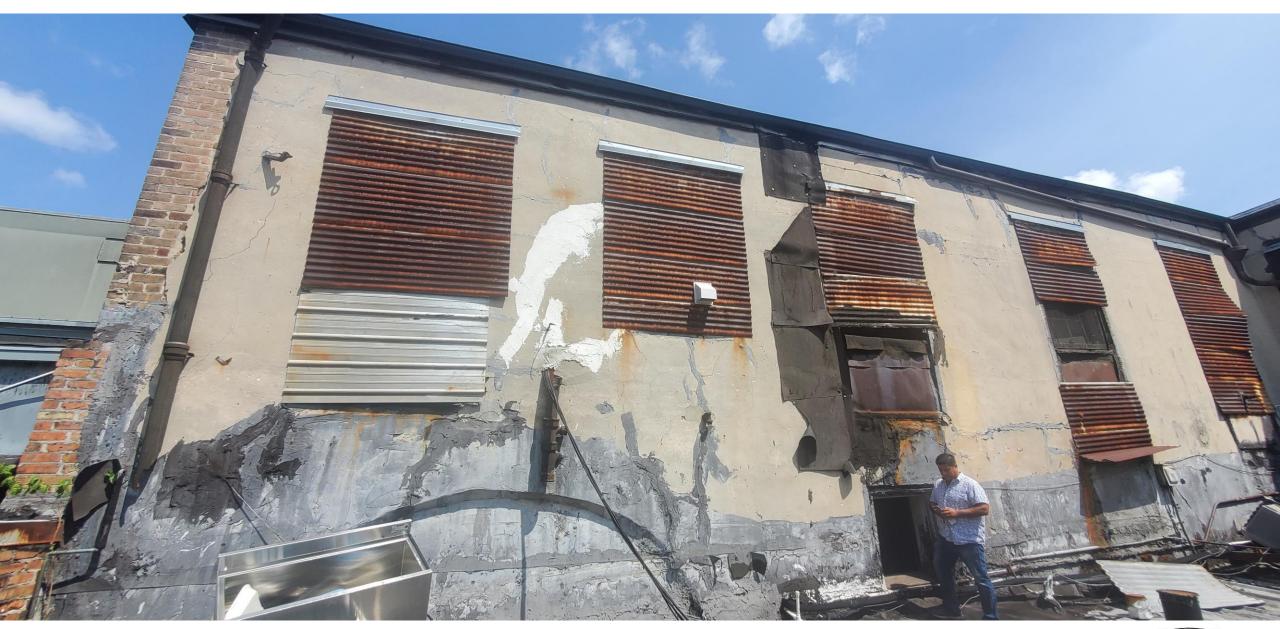
440 Bourbon























440 Bourbon











440 Bourbon – third floor





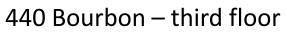
440 Bourbon – third floor



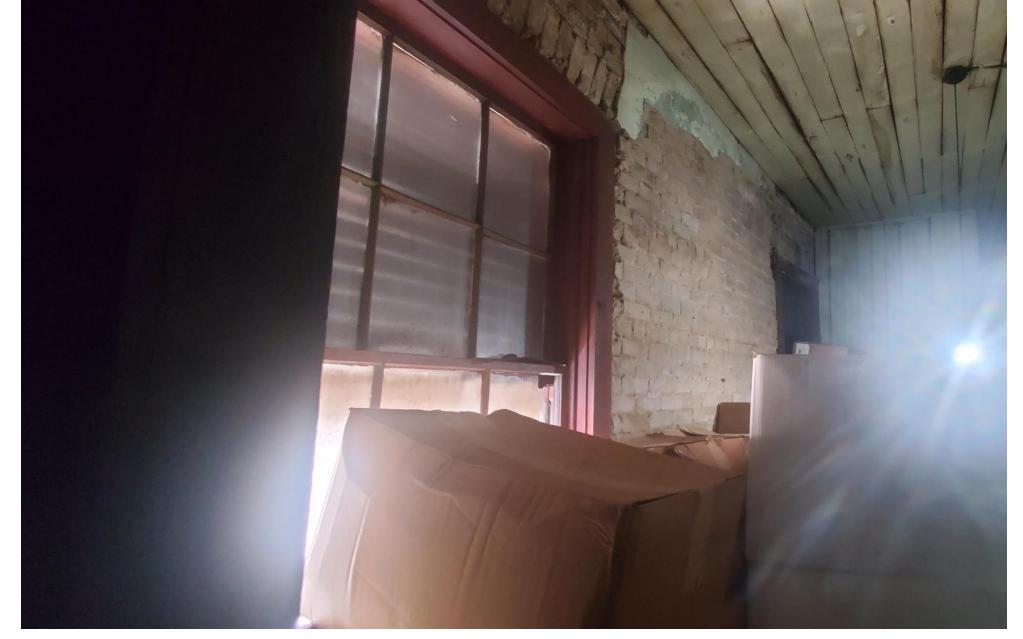
440 Bourbon – third floor, courtyard side





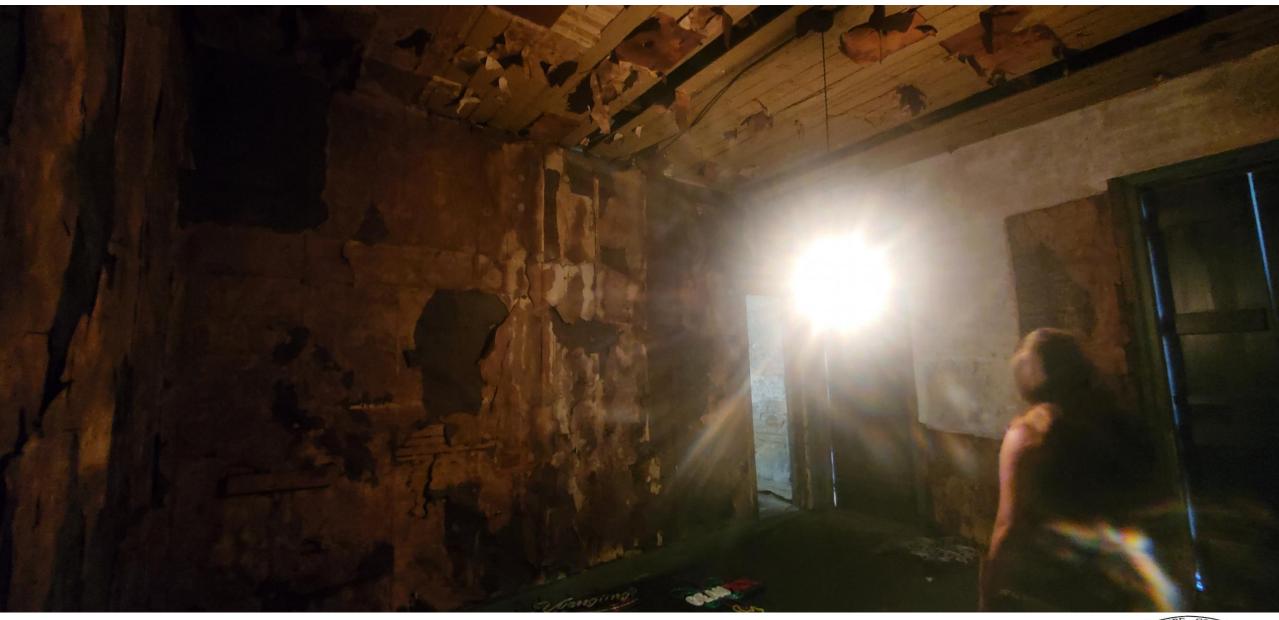






440 Bourbon – third floor, courtyard side



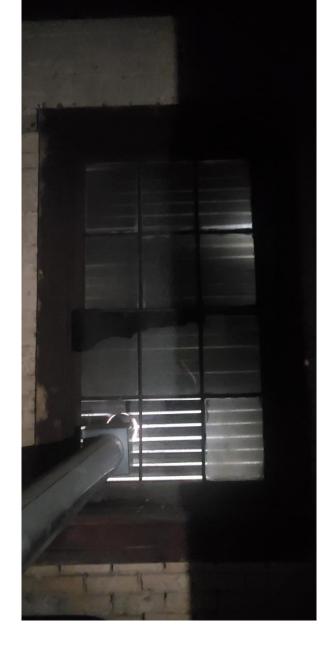


440 Bourbon



440 Bourbon













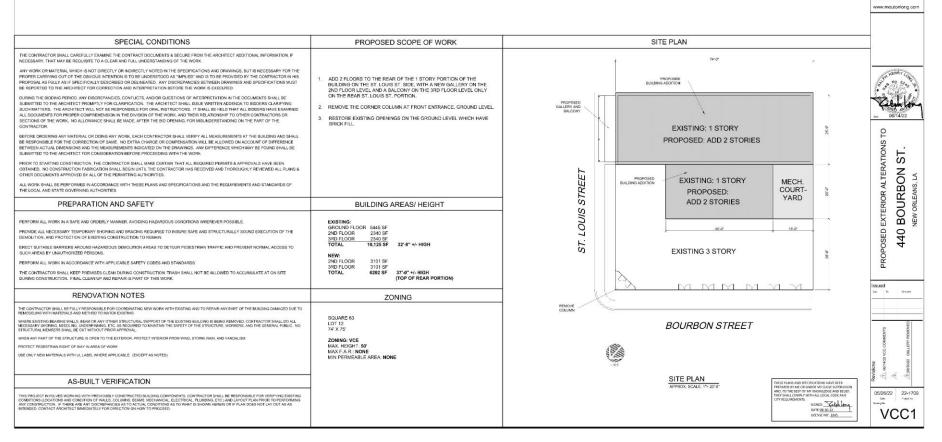


FOR CONCEPTUAL APPROVAL ONLY

PROPOSED EXTERIOR ALTERATIONS

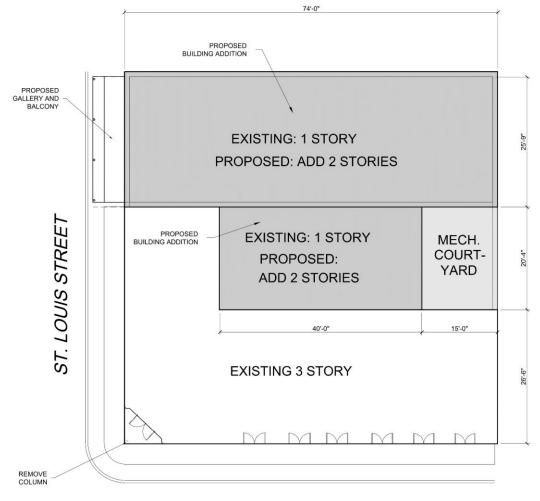
440 BOURBON ST.

NEW ORLEANS, LOUISIANA









BOURBON STREET



SITE PLAN

APPROX. SCALE: 1"= 20'-0"

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY CLOSE SUPERVISION AND, TO THE BEST OF MY KNOWLEDGE AND BELIEF,











CORNER VIEW - EXISTING



BOURBON ST. VIEW - EXISTING





ST. LOUIS ST. VIEW - PROPOSED

- RESTORE EXISTING OPENINGS ON GROUND LEVEL, NEW 3 STORY STRUCTURE NEW GALLERY AND BALCONY.



CORNER VIEW - PROPOSED

REMOVE CORNER COLUMN AT FRONT ENTRANCE. CLEAN UP AND RESTORE EXISTING EXTERIOR FACADE.



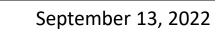
BOURBON ST. VIEW - PROPOSED

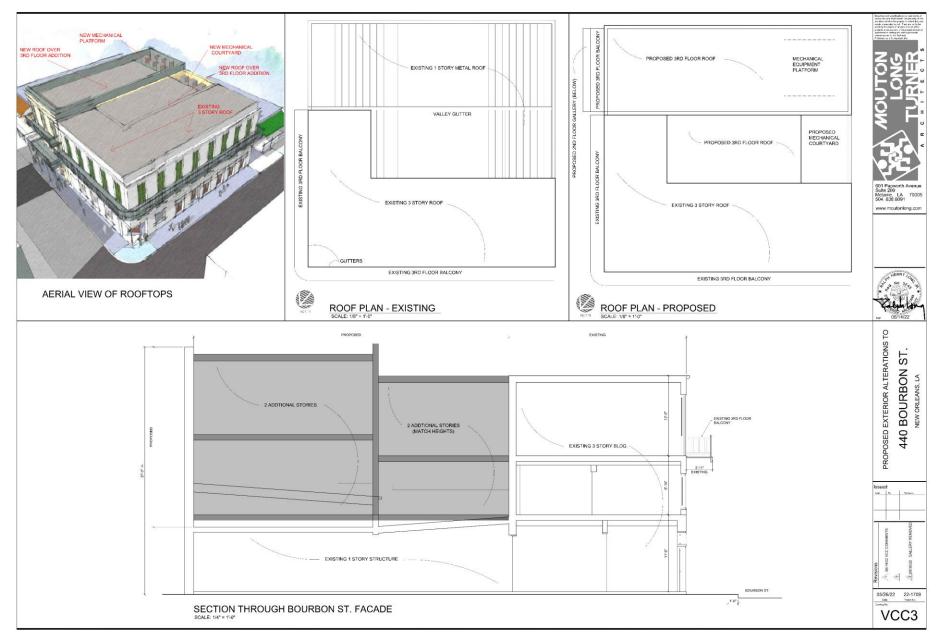
REMOVE CORNER COLUMN AT FRONT ENTRANCE.
 CLEAN UP AND RESTORE EXISTING EXTERIOR FACADE.





















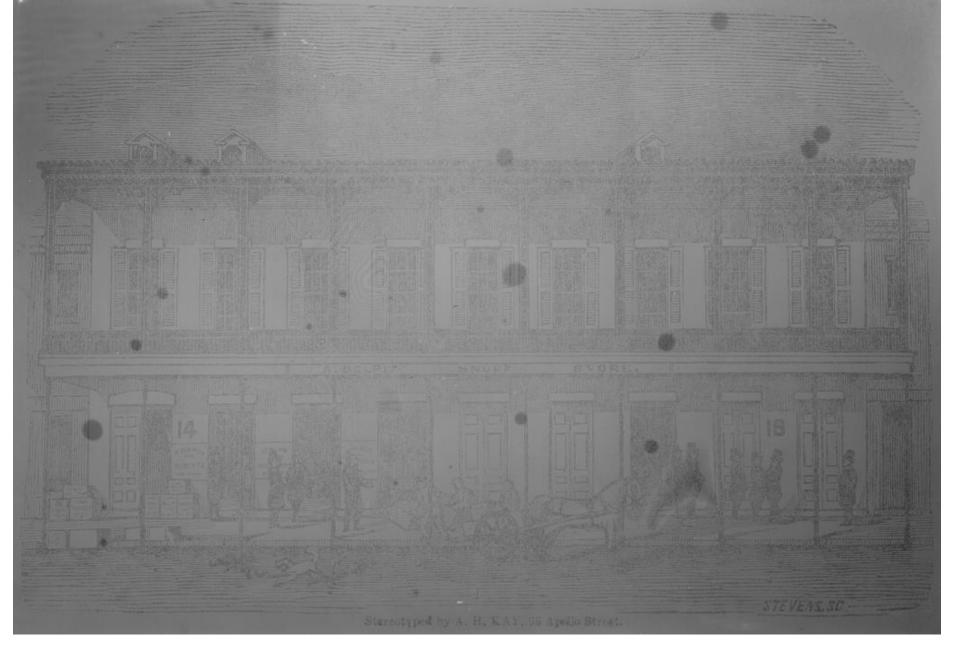




521 St. Louis

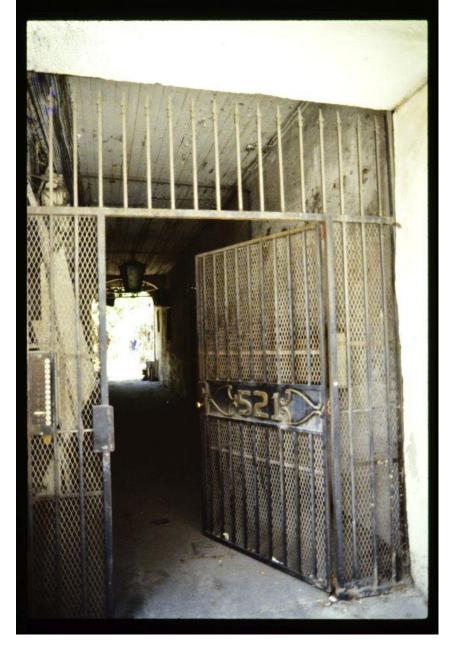


521 St. Louis



521 St. Louis – c. 1858





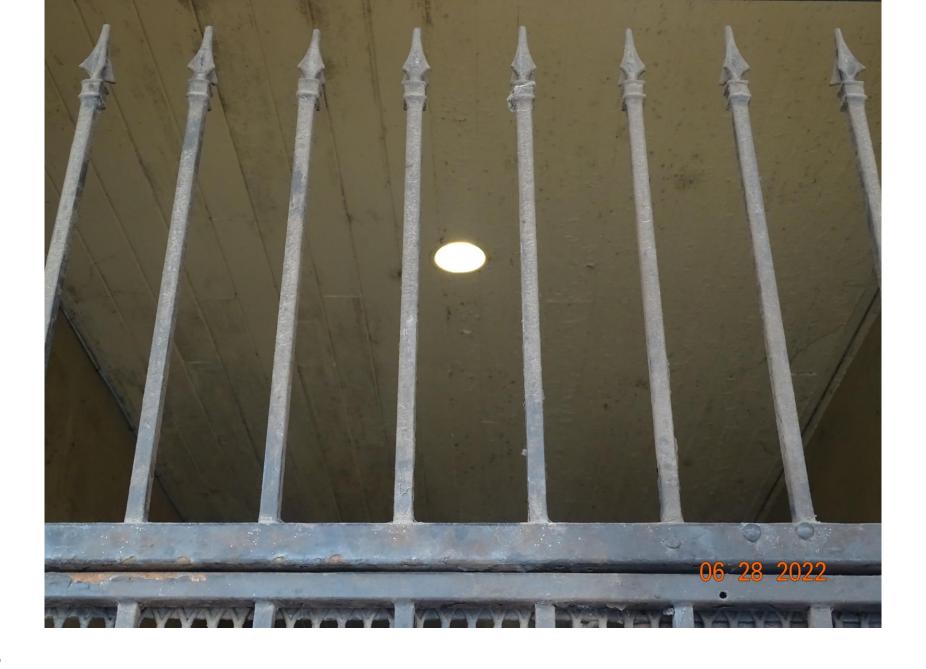


521 St. Louis





521 St. Louis



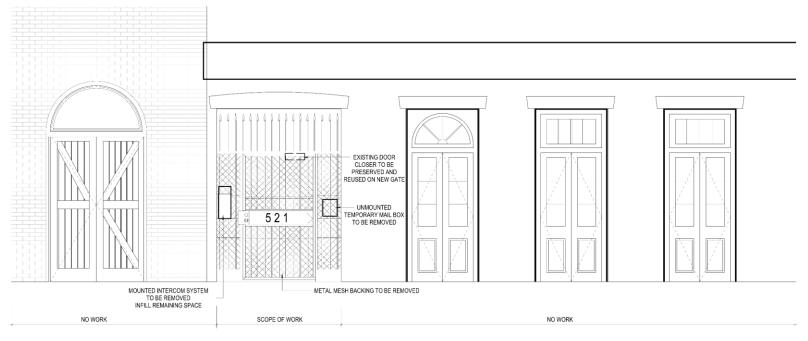
521 St. Louis



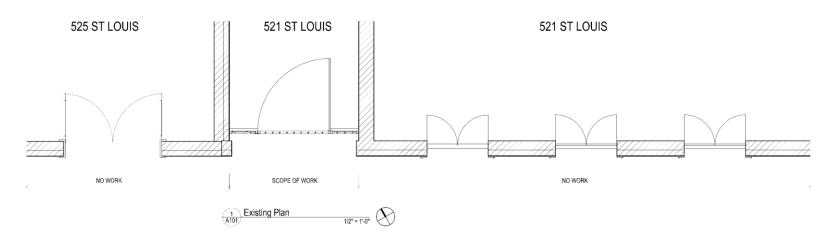


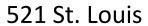




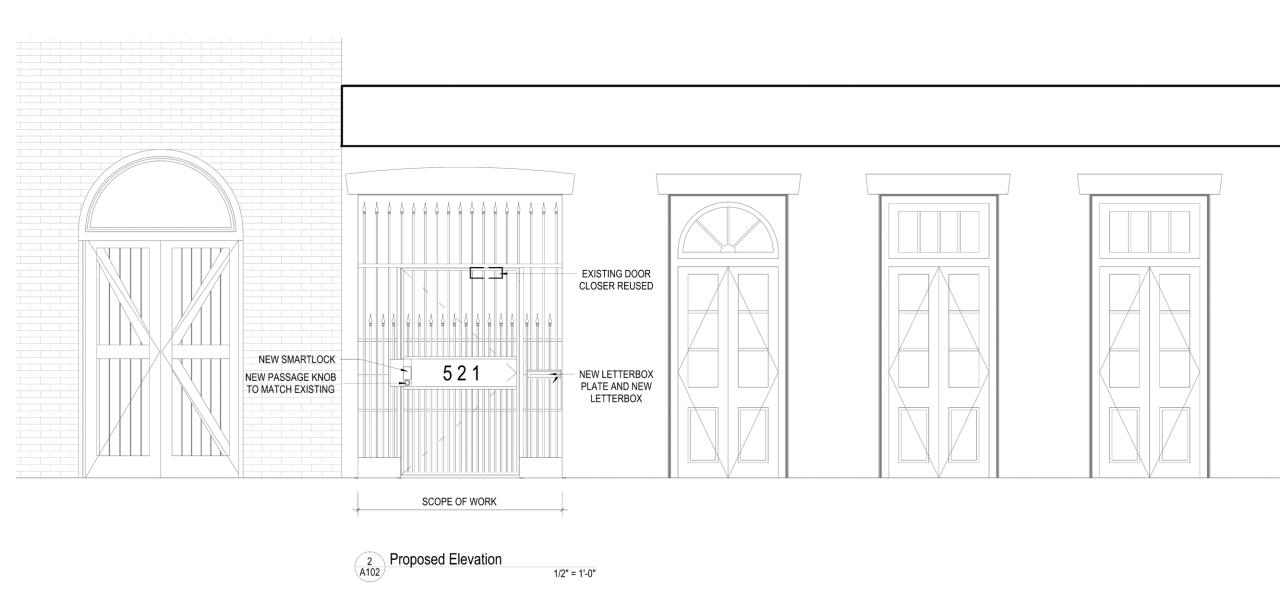






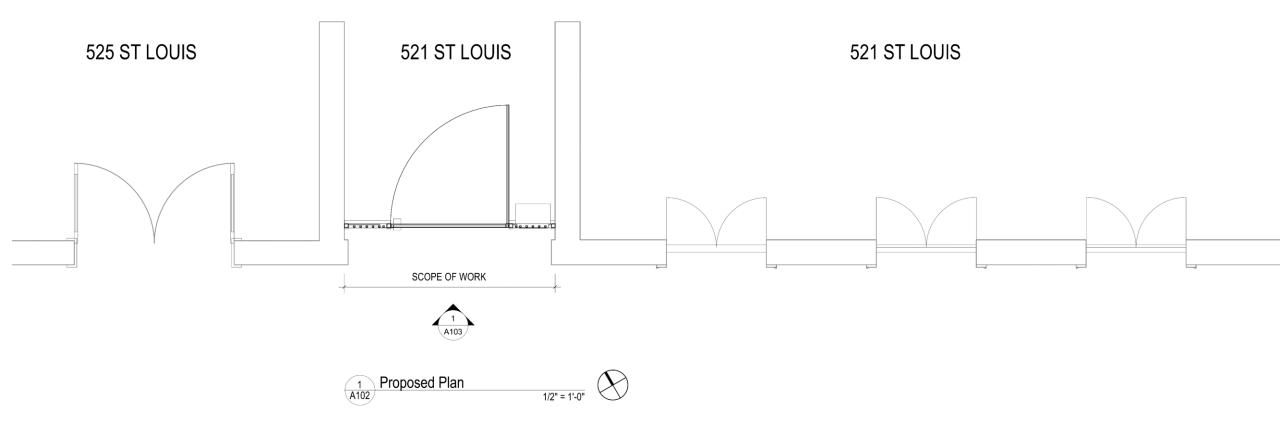


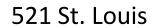




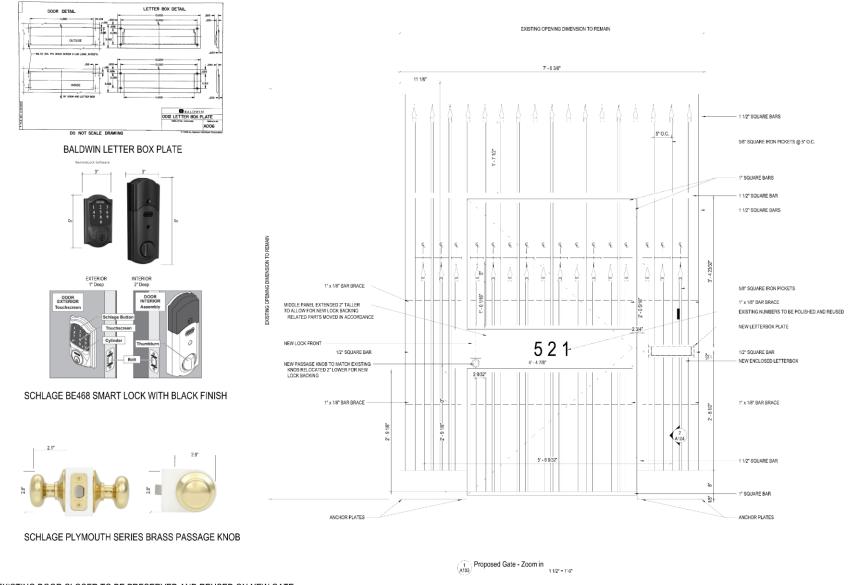






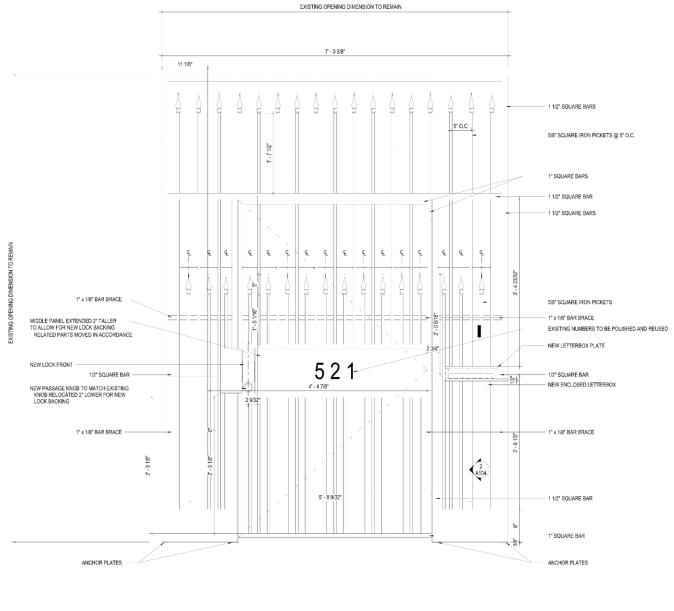




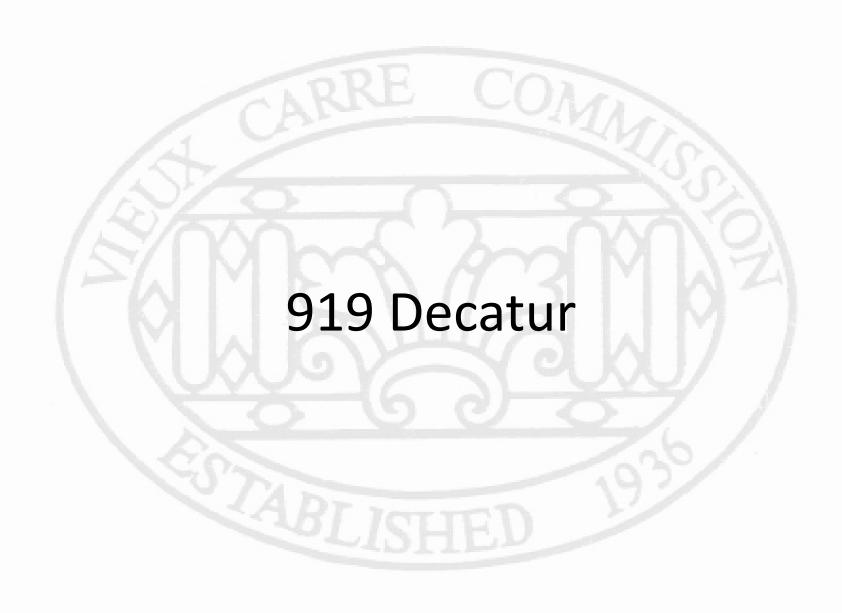


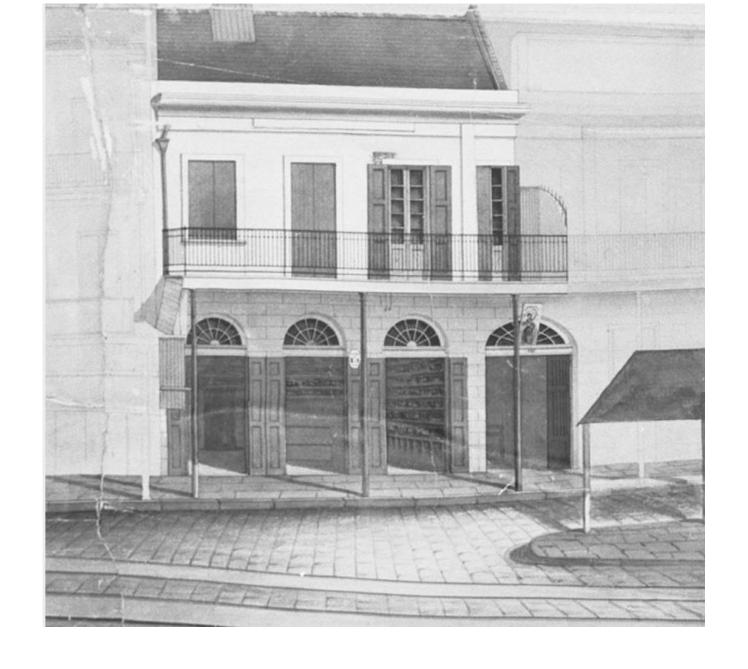
EXISTING DOOR CLOSER TO BE PRESERVED AND REUSED ON NEW GATE





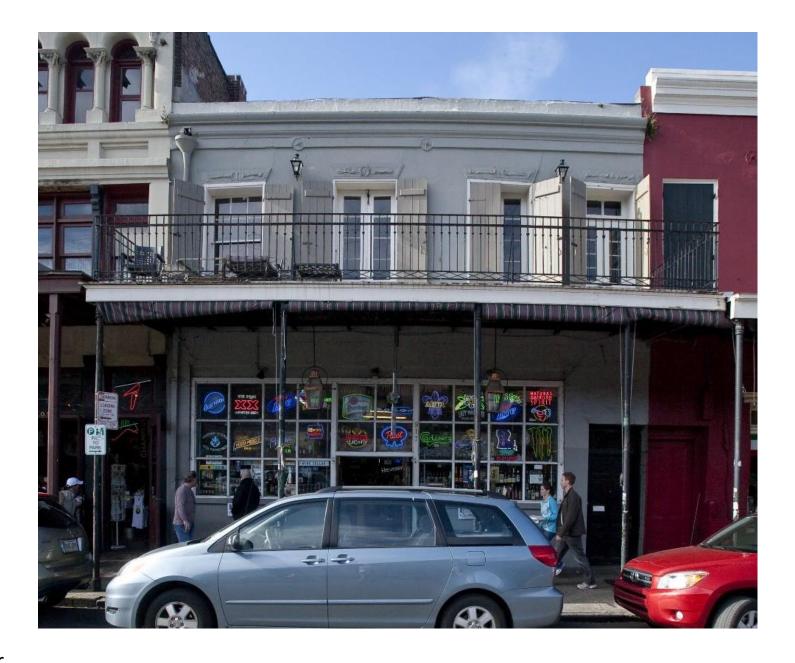
1 Proposed Gate - Zoom in

































BOPP ENTERPRISES DECATUR ST RENOVATION

Codes

- 1. International Building Code, 2015 Edition
- 2. Parish / City, Amendments to IBC 2015
- 3. Life Safety Code, ANSI/NFPA 101, 2015 Edition
- 4. American with Disabilities Act, Public Law 101-336

Site Information

6,603 SF

Renovation

Square 21, Lot 30 **New Orleans Orleans Parish, Louisiana**

Square Footage

Project Location

1,352 Entry 154 1,506

Article XXXV Off-Street Parking and Loading

Parking Spaces Regulred Per New Orleans Comprehensive Zoning Ordinano Sec. 22.5.A.1, no parking required in all Historic Core

Project Location



ABBREVIATIONS & SYMBOLS



WATER TRECESS WATER CONNECTION

FLEVATION MARK

EXISTING FLEVATION

⊕ ××× NEW ELEVATION MT METAL THRESHOLD

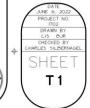
CFOB CORNER FACE OF BRICK

FOS FACE OF STUD

CFOS CORNER FACE OF STUD



햐



Design Criteria

VCC-1

IBC 2015:

NFPA 101 2015:

NFPA 101 2015:

Project Directory

Architect

CIS Architects Charles I Silbernagel + Associates, Inc. Architects, A Professional Design Group 3129 Edenborn Avenue, Suite 100 Metalrie, Louislana 70002 (504) 454-3112 - Office (504) 454-3125 - Fax

Mechanical Engineer

The work is less than \$15,000 and according to Jefferson Parish, a fessional engineer is not required.

performance specification and the subcontractor shall provide all necessary documents to properly deliver a final

Electrical Engineer

The work is less than \$15,000 and according to Jefferson Parish, a nal engineer is not required

This work shall be performed as a performance specification and the subcontractor shall provide all necessary documents to properly deliver a final

Plumbing

The work is less than \$15,000 and according to Jefferson Parish, a professional engineer is not required Structural Engineer

No structural work required

This work shall be performed as a performance specification and the documents to properly deliver a final

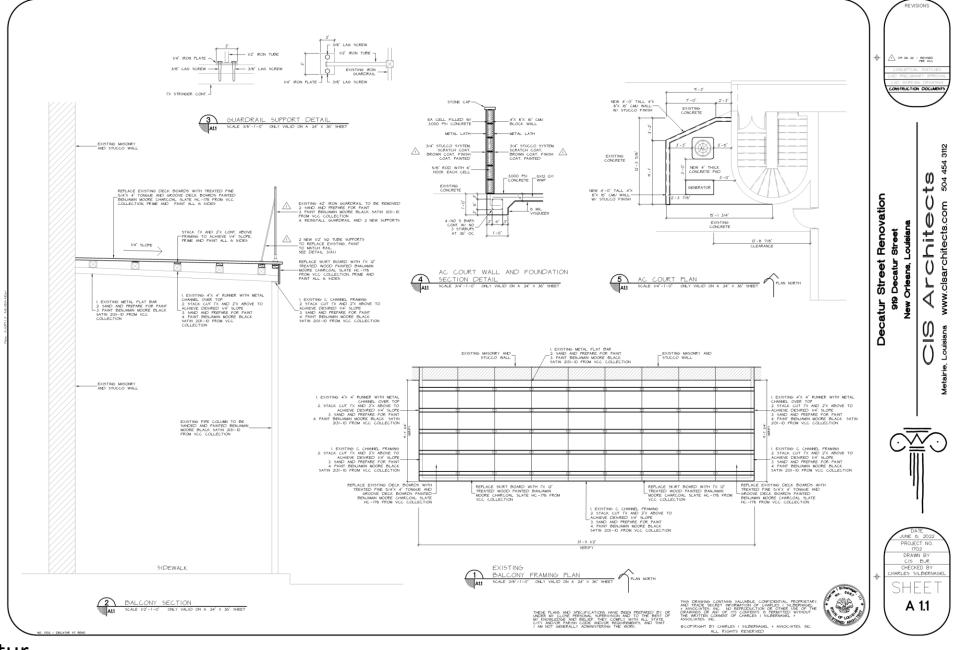
subcontractor shall provide all necessary





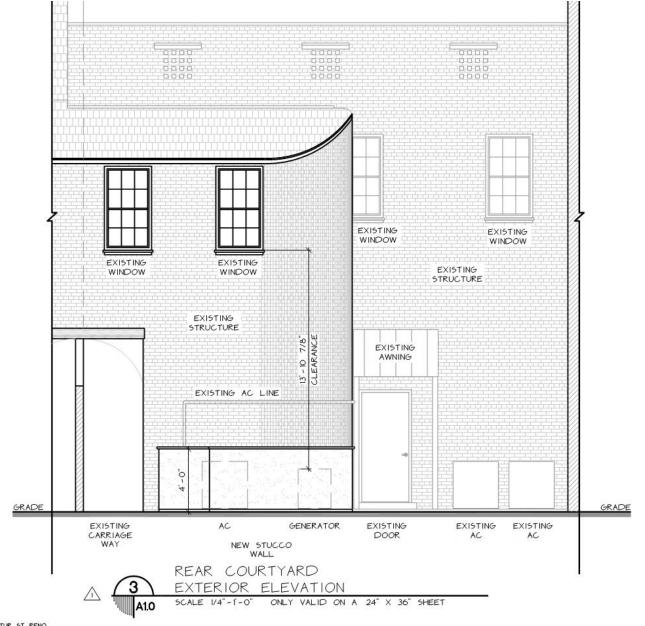








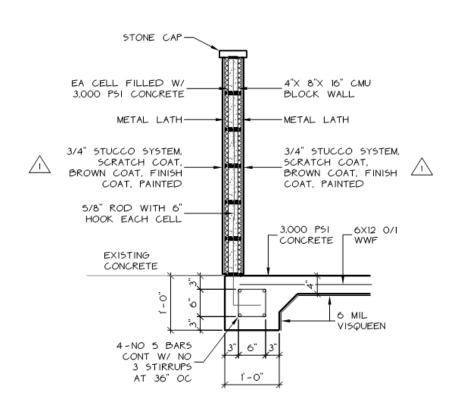




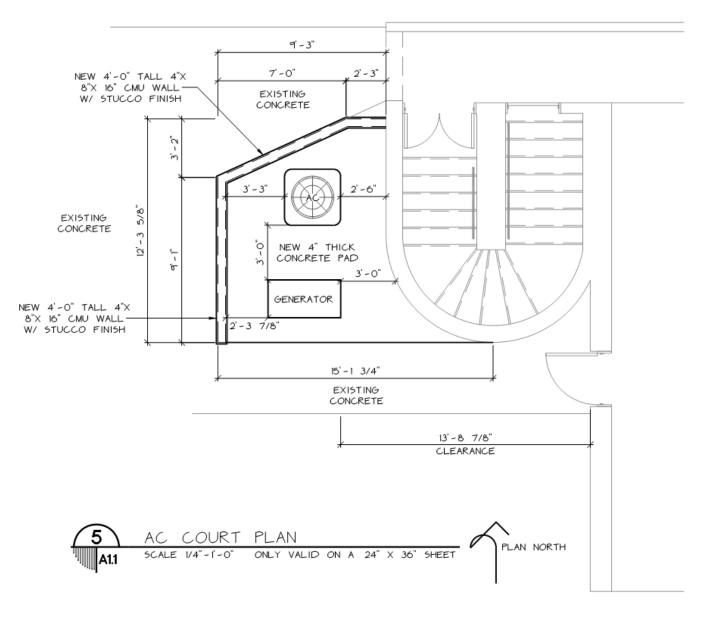




CATUR ST RENO









INCLUDES:

- True Power™ Electrical Technology
- Two-line multilingual digital LCD Evolution™ controller (English/Spanish/French/Portuguese)
- 200 amp service rated transfer switch available
- Electronic governor
- Standard Wi-Fi[®] connectivity
- System status & maintenance interval LED indicators
- Sound attenuated enclosure
- Flexible fuel line connector
- Natural gas or LP gas operation
- 5 Year limited warranty
- Listed and labeled for installation as close as 18 in (457 mm) to a structure.*

*Must be located away from doors, windows, and fresh air intakes and in accordance with local codes.

Standby Power Rating

G007038-1, G007039-1, G007038-3, G007039-3 (Aluminum - Bisque) - 20 kW 60 Hz G007042-10, G007042-11, G007043-10, G007043-11 (Aluminum - Bisque) - 22 kW 60 Hz G007209-10, G007210-10, (Aluminum - Bisque) - 24 kW 60 Hz



Product shown with optional fascia kit



Note: CETL or CUL certification only applies to unbundled units and units packaged with limited circuit switches. Units packaged with the Smart Switch are ETL or UL certified in the USA only.

FEATURES

- INNOVATIVE ENGINE DESIGN & RIGOROUS TESTING are at the heart of Generac's success in providing the most reliable generators possible. Generac's G-Force engine lineup offers added peace of mind and reliability for when it's needed the most. The G-Force series engines are purpose built and designed to handle the rigors of extended run times in high temperatures and extreme operating conditions.
- TRUE POWERTM ELECTRICAL TECHNOLOGY: Superior harmonics and sine wave form produce less than 5% Total Harmonic Distortion for utility quality power. This allows confident operation of sensitive electronic equipment and micro-chip based appliances, such as variable speed HVAC systems.
- TEST CRITERIA
 - ✓ PROTOTYPE TESTED
 ✓ SYSTEM TORSIONAL TESTED



MOBILE LINK® CONNECTIVITY: FREE with select Guardian Series Home standby generators, Mobile Link Wi-Fi allows users to monitor generator status from anywhere in the world using a smartphone, tablet, or PC. Easily access information such as the current operating status and maintenance alerts. Users can connect an account to an authorized service dealer for fast, friendly, and proactive service. With Mobile Link, users are taken care of before the next power outage.

- SOLID-STATE, FREQUENCY COMPENSATED VOLTAGE REGULATION: This state-of-the-art power maximizing regulation system is standard on all Generac models. It provides optimized FAST RESPONSE to changing load conditions and MAXIMUM MOTOR STARTING CAPABILITY by electronically torque-matching the surge loads to the engine. Digital voltage regulation at ±1%.
- SINGLE SOURCE SERVICE RESPONSE from Generac's extensive dealer network
 provides parts and service know-how for the entire unit, from the engine to the smallest electronic component.
- GENERAC TRANSFER SWITCHES: Long life and reliability are synonymous with GENERAC POWER SYSTEMS. One reason for this confidence is that the GENERAC product line is offered with its own transfer systems and controls for total system compatibility.











Features and Benefits

20/22/24 kW

· Small, compact, attractive

Engine	
Generac G-Force design	Maximizes engine "breathing" for increased fuel efficiency. Plateau honed cylinder walls and plasma moly rings help the engine run cooler, reducing oil consumption and resulting in longer engine life.
 "Spiny-lok" cast iron cylinder walls 	Rigid construction and added durability provide long engine life.
 Electronic ignition/spark advance 	These features combine to assure smooth, quick starting every time.
Full pressure lubrication system	Pressurized lubrication to all vital bearings means better performance, less maintenance, and longer engin life. Now featuring up to a 2 year/200 hour oil change interval.
 Low oil pressure shutdown system 	Shutdown protection prevents catastrophic engine damage due to low oil.
High temperature shutdown	Prevents damage due to overheating.
Generator	
 Revolving field 	Allows for a smaller, light weight unit that operates 25% more efficiently than a revolving armature generato
 Skewed stator 	Produces a smooth output waveform for compatibility with electronic equipment.
 Displaced phase excitation 	Maximizes motor starting capability.
 Automatic voltage regulation 	Regulating output voltage to $\pm 1\%$ prevents damaging voltage spikes.
 EPA Certified for non-emergency applications 	Allows unit to be used for demand response applications (excluding 20 kW units).
 UL 2200 listed 	For your safety.
ransfer Switch (if applicable)	
 Fully automatic 	Transfers vital electrical loads to the energized source of power.
 NEMA 3R 	Can be installed inside or outside for maximum flexibility.
 Integrated load management technology 	Capability to manage additional loads for efficient power management.
Remote mounting	Mounts near an existing distribution panel for simple, low-cost installation.
Evolution™ Controls	
 AUTO/MANUAL/OFF illuminated buttons 	Selects the operating mode and provides easy, at-a-glance status indication in any condition.
 Two-line multilingual LCD 	Provides homeowners easily visible logs of history, maintenance, and events up to 50 occurrences.
 Sealed, raised buttons 	Smooth, weather-resistant user interface for programming and operations.
 Utility voltage sensing 	Constantly monitors utility voltage, setpoints 65% dropout, 80% pick-up, of standard voltage.
 Generator voltage sensing 	Constantly monitors generator voltage to verify the cleanest power delivered to the home.
Utility interrupt delay	Prevents nuisance start-ups of the engine, adjustable 2-1500 seconds from the factory default setting of seconds by a qualified dealer.
Engine warm-up	Verifies engine is ready to assume the load, setpoint approximately 5 seconds.
 Engine cool-down 	Allows engine to cool prior to shutdown, setpoint approximately 1 minute.
Programmable exercise	Operates engine to prevent oil seal drying and damage between power outages by running the generator f 5 minutes every other week. Also offers a selectable setting for weekly or monthly operation providin flexibility and potentially lower fuel costs to the owner.
Smart battery charger	Delivers charge to the battery only when needed at varying rates depending on outdoor air temperature. Compatible with lead acid and AGM-style batteries.
Main line circuit breaker	Protects generator from overload.
 Electronic governor 	Maintains constant 60 Hz frequency.

917 Decatur

 Enclosed critical grade muffler Quiet, critical grade muffler is mounted inside the unit to prevent injuries.

Makes for an easy, eye appealing installation, as close as 18 in (457 mm) away from a structure.





GENERAC

20/22/24 kW

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Installation System

14 in (35.6 cm) flexible fuel line connector
 Listed ANSI Z21.75/CSA 6.27 outdoor appliance connector for the required connection to the gas supply piping.

Integral sediment trap
 Meets IFGC and NFPA 54 installation requirements.

Connectivity (Wi-Fi equipped models only)

Ability to view generator status
 Monitor generator with a smartphone, tablet, or computer at any time via the Mobile Link application for complete peace of mind.

Ability to view generator Exercise/Run and Total Hours
 Review the generator's complete protection profile for exercise hours and total hours.

Ability to view generator maintenance information
 Provides maintenance information for the specific model generator when scheduled maintenance is due.

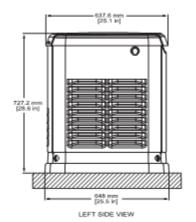
Monthly report with previous month's activity
 Detailed monthly reports provide historical generator information.

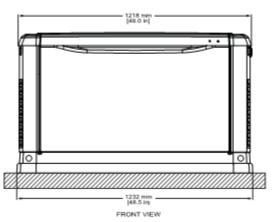
Ability to view generator battery information
 Built in battery diagnostics displaying current state of the battery.

Weather information
 Provides detailed local ambient weather conditions for generator location.

Dimensions & UPCs

Model	UPC
G007038	696471074185
G007039	696471074192
G007042	696471074208
G007043	696471074215
G007209	696471071511
G007210	696471084801





Dimensions shown are approximate. See installation manual for exact dimensions, DO NOT USE THESE DIMENSIONS FOR INSTALLATION PURPOSES



20/22/24 kW

GENERAC

91.7 / 81.3

83.3 / 75.0

Less than 5%

Specifications

92 (2.53) [9.57]

G007209-10 G007210-10 (24 KW) 24,000 Watts* 21,000 Watts*

100 / 87.5

rator				
	G007038-1 G007039-1 (20 kW)	G007042-10 G007043-10 (22 kW)	G007038-3 G007039-3 (20 kW)	G007042- G007043- (22 kW)
aximum continuous power capacity (LP)	20,000 Watts*	22,000 Watts*	20,000 Watts*	22,000 Wat
aximum continuous power capacity (NG)	18,000 Watts*	19,500 Watts*	18,000 Watts*	19,500 Wat
H			0.40	

Rated maximum continuous load current - 240 volts (LP/NG) 83.3 / 75.0 91.7 / 81.3 Main line circuit breaker 90 amp 100 amp

90 amp 100 amp 100 amp Number of rotor poles Rated AC frequency Power factor 1.0 Battery requirement (not included) inimum or Group 35AGM 650 CCA minimum Unit weight (lb / kg) 448 / 203 436 / 198 455 / 206 Dimensions (L x W x H) in / cm 67 67 Sound output in dB(A) at 23 ft (7 m) with generator operating at normal load** 67

Sound output in dB(A) at 23 ft (7 m) with generator in Quiet-Test** low-speed exercise mode** Exercise duration 5 min

1/2 Load

Engine						
Engine type	GENERAC G-Force 1000 Series					
Number of cylinders				2		
Displacement		999 cc				
Cylinder block		Aluminum w/ cast iron sleeve				
Valve arrangement				Overhead valve		
Ignition system				Solid-state w/ magneto		
Governor system		Electronic				
Compression ratio		9.5.1				
Starter		12 VDC				
Oil capacity including filter		Approx. 1.9 qt / 1.8 L				
Operating rpm				3,600		
Fuel consumption						
Natural gas	ft ^a /hr (m ^a /hr) 1/2 Load Full Load	204 (5.78) 301 (8.52)	228 (6.46) 327 (9.26)	164 (4.64) 287 (8.13)	203 (5.75) 306 (8.66)	
Liquid propane	ft ³ /hr (gal/hr) [L/hr]					

130 (3.56) [13.48] 142 (3.90) [14.77] 136 (3.74) [14.15] Full Load Note: Fuel pipe must be sized for full load. Required fuel pressure to generator fuel inlet at all load ranges - 3.5-7 in water column (0.87-1.74 kPa) for NG, 10-12 in water column (2.49-2.99 kPa) for LF gas. For BTU content, multiply ft³/hr x 2500 (LP) or ft³/hr x 1000 (NG). For Megajoule content, multiply m³/hr x 93.15 (LP) or m⁵/hr x 37.26 (NG).

87 (2.37) [8.99] 92 (2.53) [9.57] 86 (2.36) [8.95]

Controls	
Two-line plain text multilingual LCD	Simple user interface for ease of operation.
Mode buttons: AUTO	Automatic start on utility failure. Weekly, Bi-weekly, or Monthly selectable exerciser.
MANUAL	Start with starter control, unit stays on. If utility fails, transfer to load takes place.
OFF	Stops unit. Power is removed. Control and charger still operate.
Ready to Run/Maintenance messages	Standard
Engine run hours indication	Standard
Programmable start delay between 2-1500 seconds	Standard (programmable by dealer only)
Utility Voltage Loss/Return to Utility adjustable (brownout setting)	From 140-171 V / 190-216 V
Future Set Capable Exerciser/Exercise Set Error warning	Standard
Run/Alarm/Maintenance logs	50 events each
Engine start sequence	Cyclic cranking: 16 sec on, 7 rest (90 sec maximum duration).
Starter lock-out	Starter cannot re-engage until 5 sec after engine has stopped.
Smart Battery Charger	Standard
Charger Fault/Missing AC warning	Standard
Low Battery/Battery Problem Protection and Battery Condition indication	Standard
Automatic Voltage Regulation with Over and Under Voltage Protection	Standard
Under-Frequency/Overload/Stepper Overcurrent Protection	Standard
Safety Fused/Fuse Problem Protection	Standard
Automatic Low Oil Pressure/High Oil Temperature Shutdown	Standard
Overcrank/Overspeed (@ 72 Hz)/rpm Sense Loss Shutdown	Standard
High Engine Temperature Shutdown	Standard
Internal Fault/Incorrect Wiring protection	Standard
Common external fault capability	Standard
Field upgradable firmware	Standard

Rating definitions - Optional Standby; Applicable for supplying backup power for the duration of the utility power outage with correct maintenance performed. No overload capability is available for this rating.

September 13, 2022





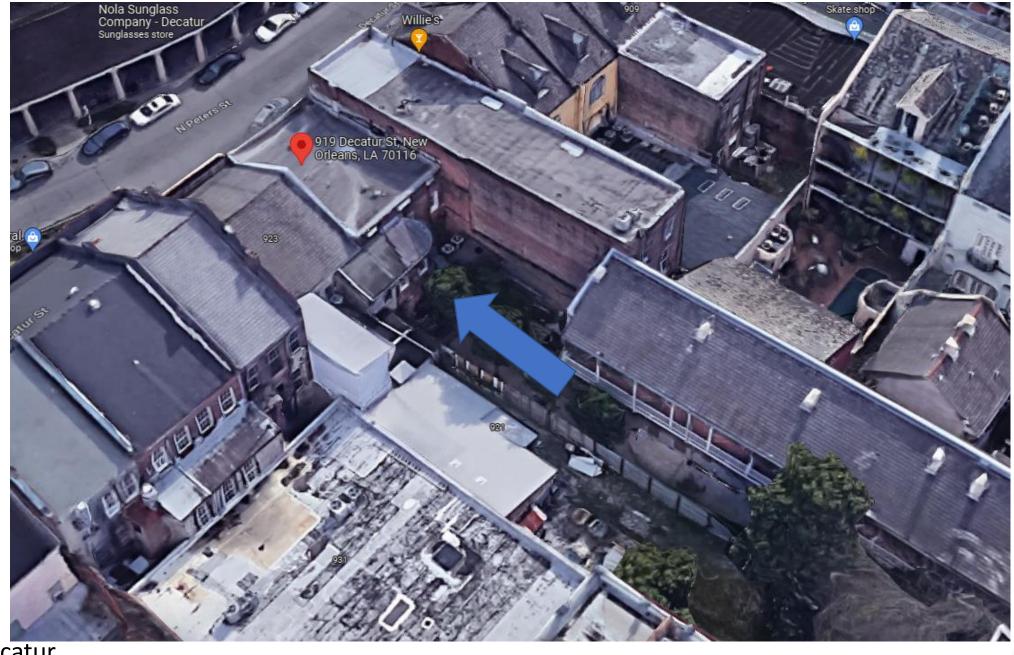
⁽All ratings in accordance with BS5514, ISO3046, UL2200, and DIN6271). * Maximum kilovolt amps and current are subject to and limited by such factors as fuel BTU/megajoule content, ambient temperature, altitude, engine power and condition, etc. Maximum power decreases

approximately 3.5% for each 1,000 ft (304.8 m) above sea level; and also will decrease approximately 1% for each 10 °F (6 °C) above 60 °F (16 °C). **Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.



917 Decatur

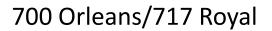






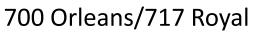






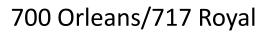




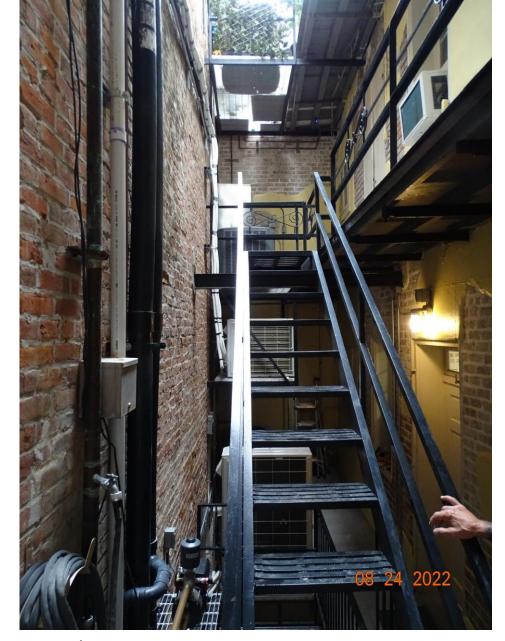










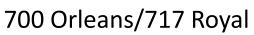




700 Orleans/717 Royal

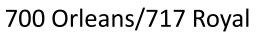






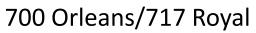






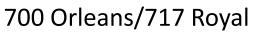














Product Specifications

Model No. (a)	4TTR4018L1000A	4TTR4024L1000A 4TTR4025L1000A	4TTR4030L1000A 4TTR4031L1000A	4TTR4036L1000A 4TTR4037L1000A
POWER CONNS. — V/PH/HZ (b)	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60
MIN. BRCH. CIR. AMPACITY	12	14	17	18
BR. CIR. PROT. RTG. — MAX. (AMPS)	20	25	25	30
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATAUFF®- SCROLL
RL AMPS — LR AMPS	9 — 63	10.9 — 63	12.8—68	14.1— 72
Outdoor Fan FL AMPS	0.60	0.60	0.77	0.77
Fan HP	1/15	1/15	1/8	1/8
Fan Dia (inches)	18.2	18.2	23.0	23.0
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™
Refrigerant R-410A	4 LBS., 8 OZ	4 LBS., 11 OZ	5 LBS., 4 OZ	6 LBS., 1 OZ
LINE SIZE — IN. O.D. GAS (c)	3/4	3/4	3/4	3/4
LINE SIZE — IN. O.D. LIQ. (c)	3/8	3/8	3/8	3/8
Charge Spec. Subcooling	10°F	10°F	10°F	10°F / (8°F on 037)
Dimensions H x W X D Crated (IN.)	30.1 x 26.7 x 30	30.1 x 26.7 x 30	34 x 30.1 x 33	38 x 30.1 x 33
Weight — Shipping (lbs.)	153	153	183	183
Weight — Net (lbs.)	133	133	156	156
Optional Accessories:				
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079	AY28X079
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	BAYISLT101
Extreme Condition Mount Kit	BAYECMT023	BAYECMT023	BAYECMT023	BAYECMT023
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263	BAYKSKT263
Crankcase Heater Kit	BAYCCHT302	BAYCCHT302	BAYCCHT302	BAYCCHT302
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	BAYSEAC001
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	BAYLOAM103
Refrigerant Lineset (d)	TAYREFLN950	TAYREFLN950	TAYREFLN7*	TAYREFLN7*
Service Valve Panel Cover	AAYSVPANL0022AA	AAYSVPANL0022A/	AAYSVPANL0032AA	AAYSVPANL3343AA

⁽a) Certified in accordance with the Unitary Air-conditioner equipment certification program which is based on AHRI standard

	Product Specifications			
4TTR4042L1000A 4TTR4043L1000A	4TTR4048L1000A	4TTR4060L1000A		

Model No. (a)	4TTR4042L1000A 4TTR4043L1000A	4TTR4048L1000A	4TTR4060L1000A
POWER CONNS. — V/PH/HZ (b)	280/230/1/60	280/230/1/60	280/230/1/60
MIN. BRCH. CIR. AMPACITY	22	24	31
BR. CIR. PROT. RTG. — MAX. (AMPS)	35	40	50
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROL
RL AMPS — LR AMPS	16.7 — 109	18.5 — 124	23.7 — 152.5
Outdoor Fan FL AMPS	0.93	0.95	0.95
Fan HP	1/5	1/5	1/5
Fan Dia (inches)	27.5	27.5	27.5
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™
Refrigerant R-410A	6 LBS., 7 OZ	6 LBS., 9 OZ	7 LBS., 10 OZ
LINE SIZE — IN. O.D. GAS (c)	7/8	7/8	7/8
LINE SIZE — IN. O.D. LIQ. (c)	3/8	3/8	3/8
Charge Spec. Subcooling	12°F	10°F	10°F
Dimensions H x W X D Crated (IN.)	34.4 x 35.1 x 38.7	34.4 x 35.1 x 38.7	42.4 x 35.1 x 38.7
Weight — Shipping (lbs.)	216	212	246
Weight — Net (lbs.)	184	189	211
Optional Accessories:			
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101
Extreme Condition Mount Kit	BAYECMT004	BAYECMT004	BAYECMT004
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263
Crankcase Heater Kit	BAYCCHT301	BAYCCHT301	BAYCCHT301
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103
Refrigerant Lineset (d)	TAYREFLN7*	TAYREFLN3*	TAYREFLN3*
Service Valve Panel Cover			AAYSVPANL0044AA

⁽a) Certified in accordance with the Unitary Air-conditioner equipment certification program which is based on AHRI standard

⁽d) * = 15, 20, 25, 30, 40 and 50 foot lineset available.

MODEL	SOUND POWER LEVEL [dB(A)]	A-V	/EIGH1	ED FUL	L OCTAV	E SOUN	D POWER	R LEVEL dB	[dB(A)]
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
4TTR4018L1	71	74	71	65	68	67	63	56	50
4TTR4024L1 4TTR4025L1	71	74	71	65	68	67	63	56	50
4TTR4030L1 4TTR4031L1	71	73	73	72	69	68	60	52	45
4TTR4036L1 4TTR4037L1	71	73	73	72	69	68	60	52	45
4TTR4042L1 4TTR4043L1	71	81	72	69	69	66	60	57	54
4TTR4048L1	71	81	72	69	69	66	60	57	54
4TTR4060L1	71	81	72	69	69	66	60	57	54

700 Orleans/717 Royal

⁽b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

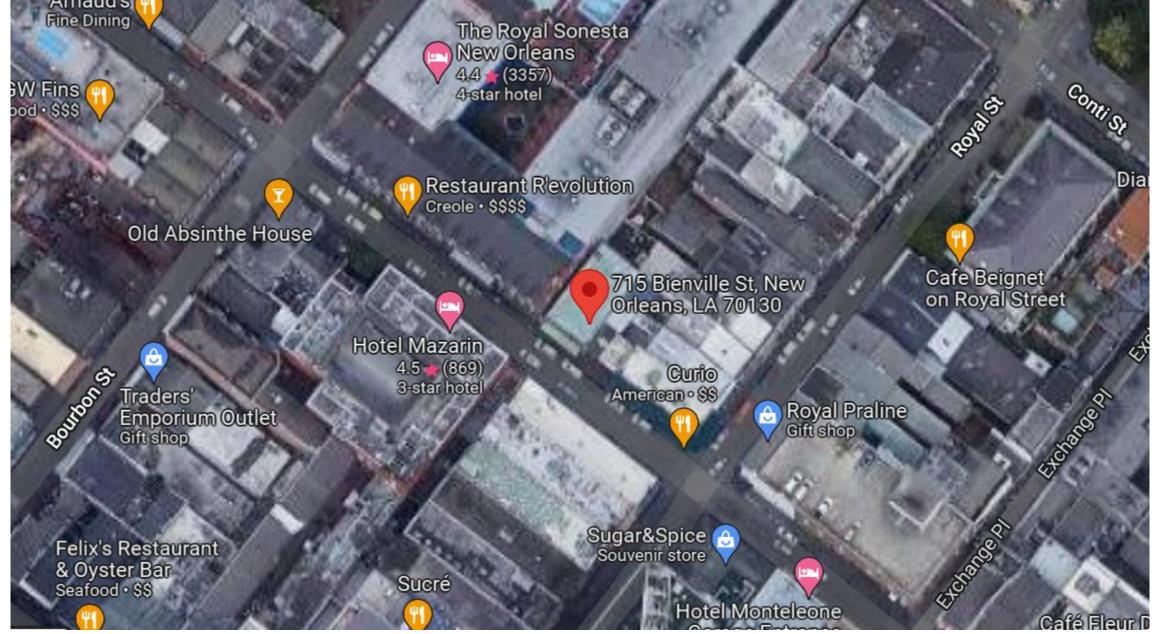
 $^{^{(}c)}$ Standard line lengths -60', Standard lift -60' Suction and Liquid line. For Greater lengths and lifts refer to refrigerant piping software Pub#32-3312-0* (* denotes latest revision)..

⁽d) * = 15, 20, 25, 30, 40 and 50 foot lineset available.

⁽b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

⁽c) Standard line lengths - 60', Standard lift - 60' Suction and Liquid line. For Greater lengths and lifts refer to refrigerant piping software Pub#32-3312-0* (* denotes latest revision)..









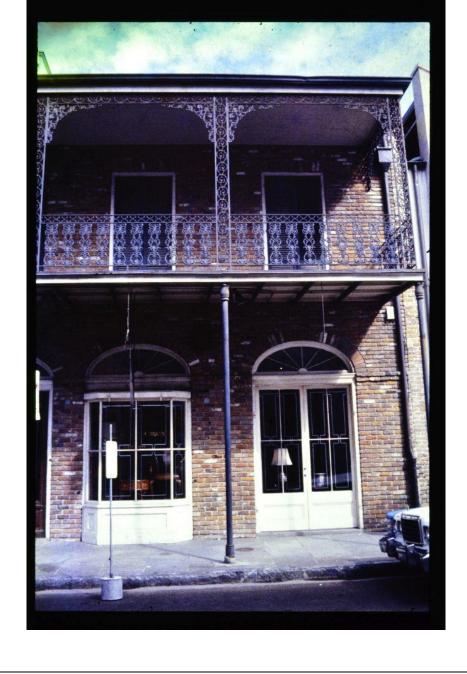






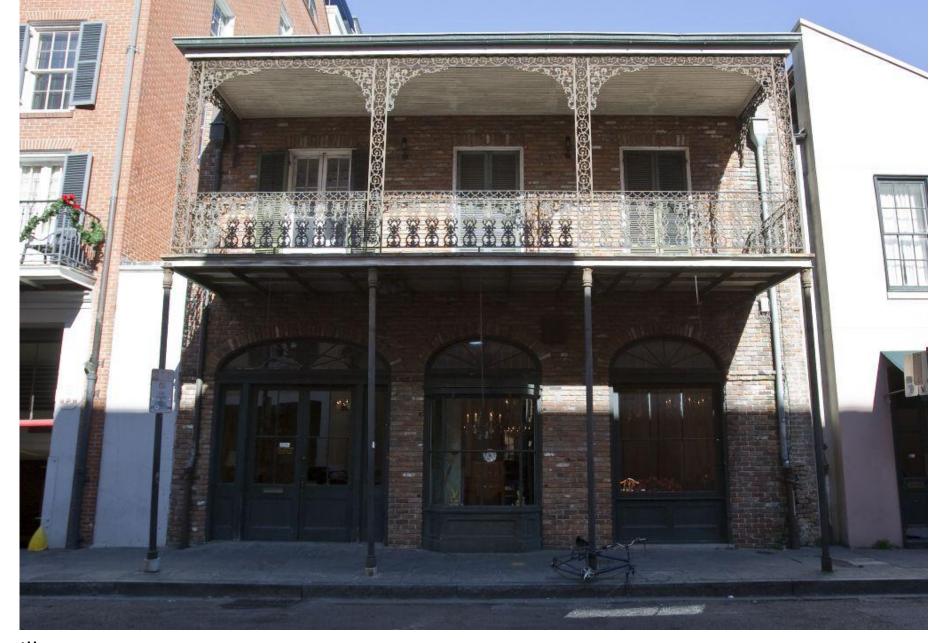












715 Bienville

































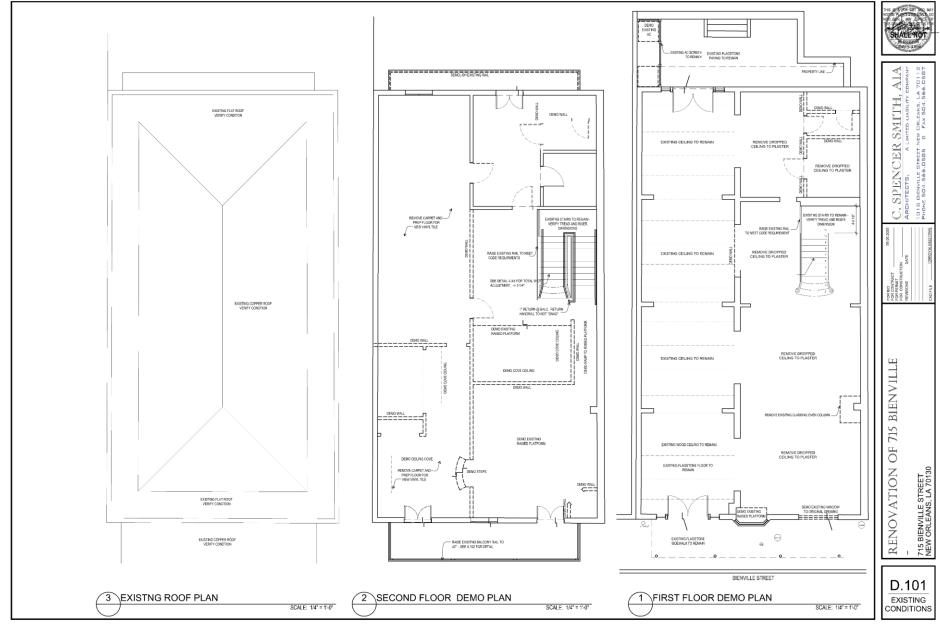






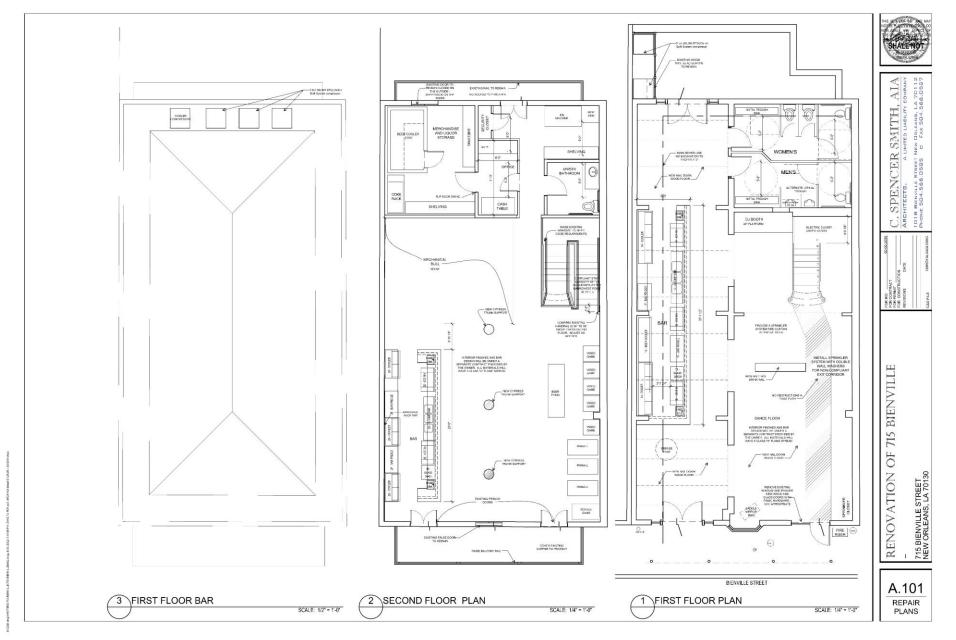






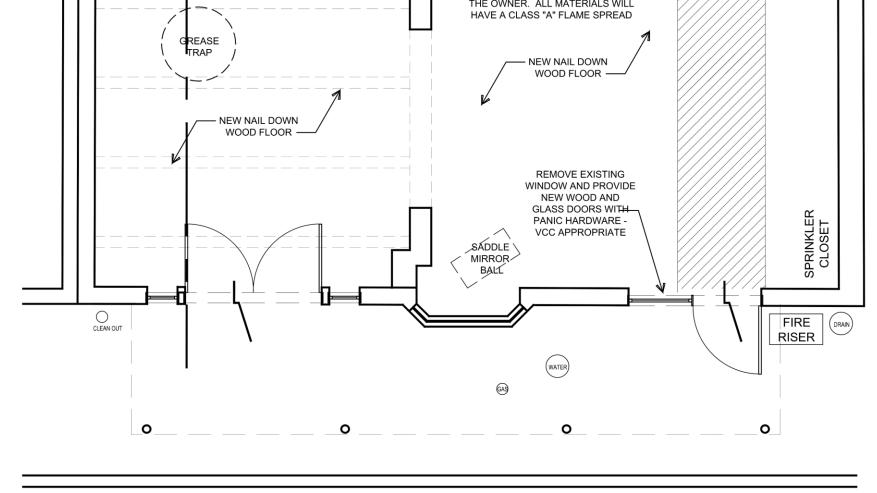
715 Bienville



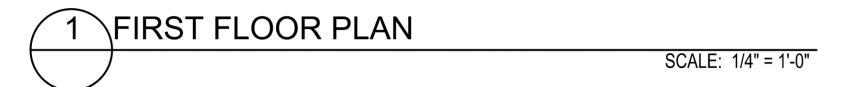








BIENVILLE STREET

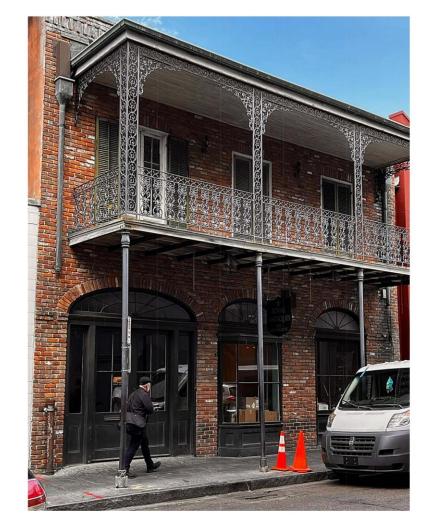








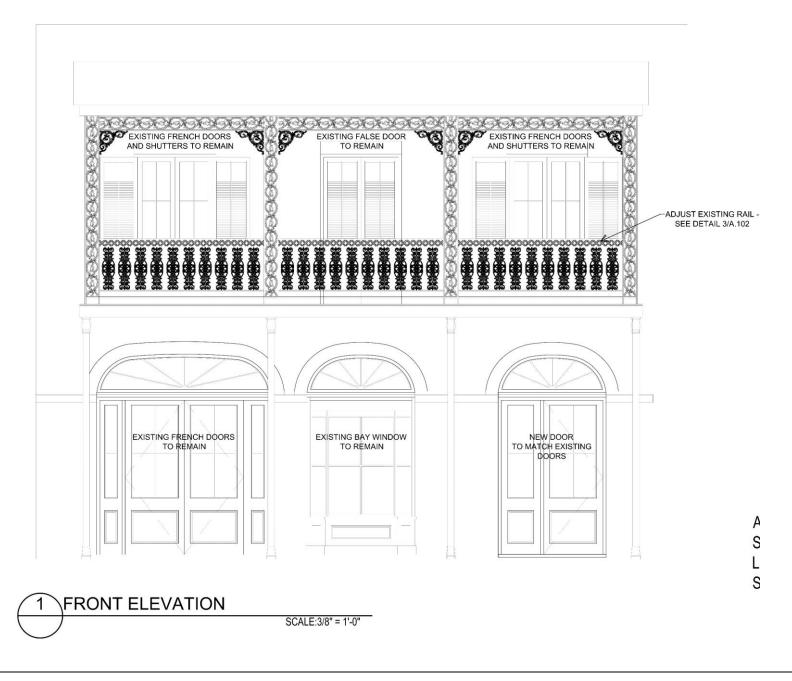






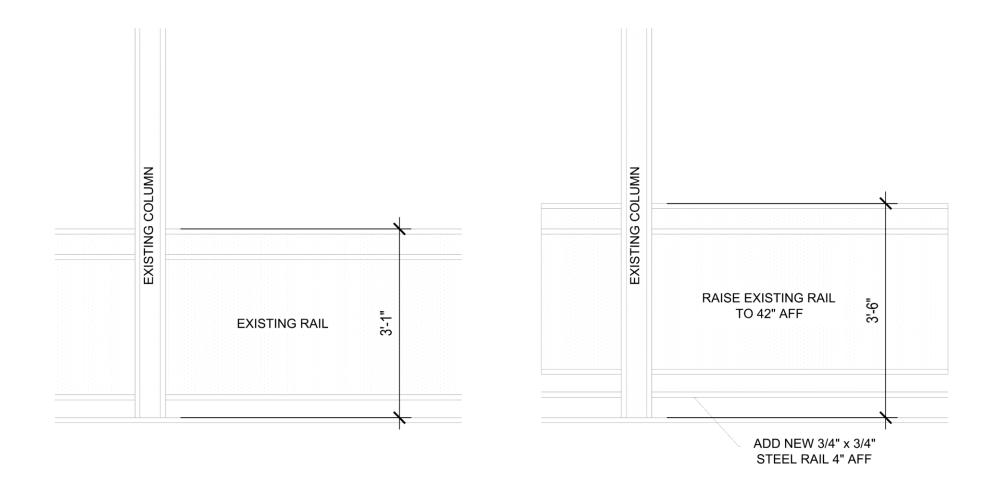










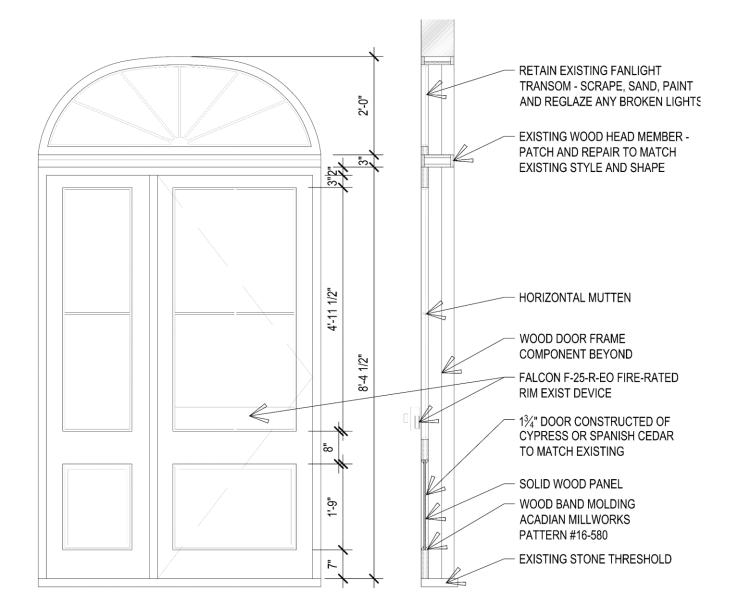




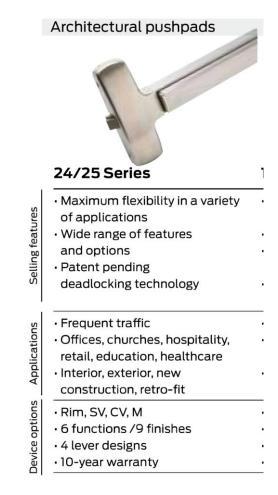
SCALE: 3/4" = 1'-0"







Falcon exit devices



25-R Series

Panic exit hardware

The Falcon 25-R Series rim device meets the demanding requirements of high traffic installations with a single-point, rim type latch and a streamlined touch bar design. This device can also be electrified for maximum ease of use and accessibility.







Single door application

Device	Door size	Door strike	Door stile (in)	Min door opening width
25-R	3'	299	4"	2'71/2"
		264	3 7/8"	2'73/8"
		1439	31/4"	2' 6 3/4"
		1606	3 5/s"	2'71/s"
25-R	4'	299	4"	3'11/2"
		264	3 7/a"	3'13/8"
		1439	3 1/4"	3'3/4"
		1606	3 5/8"	3'11/8"

Double door application

Device	Door size	Strike x mullion	Door stile (in)	Min door opening width
25-R	3'	299 x 2923	41/8"	2'71/2"
		299 x 4023	43/8"	2'71/2"
		264 x 2923	4"	2'73/8"
		264 x 4023	41/4"	2'73/8"
		1439 x 2923	3 7/8"	2'7 1/4"
		1439 x 4023	41/8"	2'71/4"
		1606 x 2923	41/4"	2'71/8"
		1606 x 4023	41/2"	2'71/8"
25-R	4'	299 x 2923	4 1/8"	3'11/2"
		299 x 4023	43/8"	3'11/2"
		264 x 2923	4"	3'13/8"
		264 x 4023	41/4"	3'13/8"
		1439 x 2923	3 7/8"	3'1'/4"
		1439 x 4023	41/8"	3'11/4"
		1606 x 2923	41/4"	3'11/8"
		1606 x 4023	41/2"	3'11/8"
25-Vx 25-R	3'	1609	3 1/2"	2' 7 5/8" for
				$3^{1/2}$ " Min stile
25-Vx 25-R	4'	1609	3 1/2"	3'15/8" for
				3 1/2" Min stile

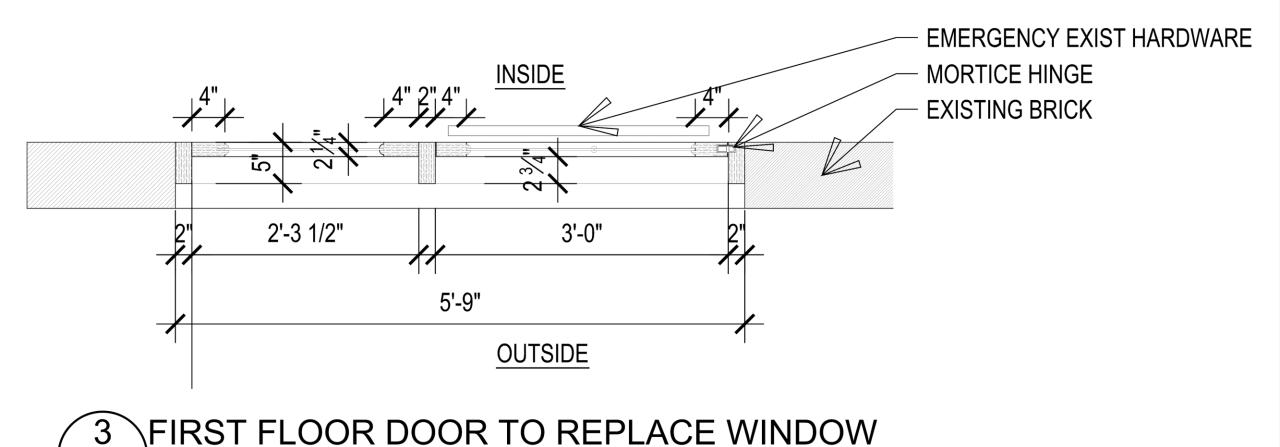
Specifications

Hand:	Non-handed			
Finishes:	US3 (605); US4 (606); US10 (612); US11 (643e); US15 (619); US19 (622); US26 (625); US26D (626); US32 (629); US32D (630); US28 (628), 313AN (710) (see page 17 for finishes)			
Strikes:	299 strike standard (see page 15 for additional info)			
Latchbolt:	Stainless steel, 3/4" throw			
Deadlocking latchbolt:	Standard			
Dogging feature:	Half turn hex dogging standard. No threaded parts to wear out.			
Cylinder dogging:	Specify "CD" prefix. Uses 1 $\!$			
Stock sizes:	See chart to left. Cut to size in the field.			
Doors:	$1^{3}/_{4}$ " thick, wood or metal. Specify thickness if other than $1^{3}/_{4}$ ".			
Projections:	2 3/4" maximum, 2" dogged.			
Mounting height:	40 1/4" from CL to finished floor.			
Electric functions:	Can be interfaced with building security systems. Latch retraction, FSA/FSE trim, security monitoring, delayed egress and exit alarm available (EL fail-secure only). Subject to code requirements, state and local (see pages 33-40 for details).			
Fasteners:	All mounting screws are concealed, sheet metal screws and machine screws standard.			
Sex bolts:	Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device, specify 8 - 425 (#I0-24) SNB. For devices with trim, specify 2 - 425 (#I0-24) SNB.			
ANSI:	Certified ANSI A156.3-2001 grade 1 standards.			
Center case & working parts:	Center case is heavy wrought and sintered metal parts.			
Shim kits:	For glass lite applications; 1/4" thick, specify SK25-RM.			
579 Stirke retrofit kit:	Consult factory.			

715 Bienville

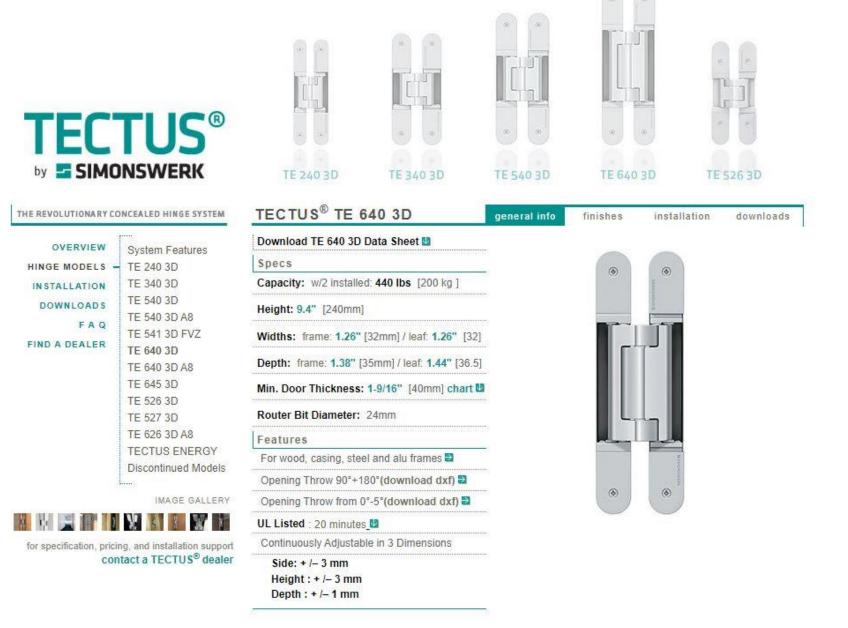
6 · Allegion · 24/25 Series







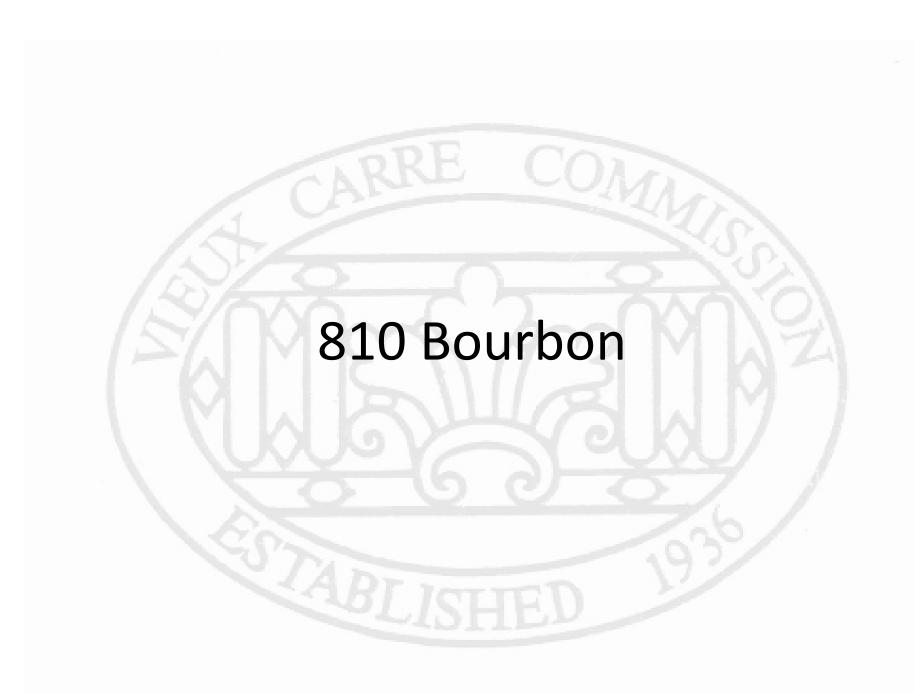
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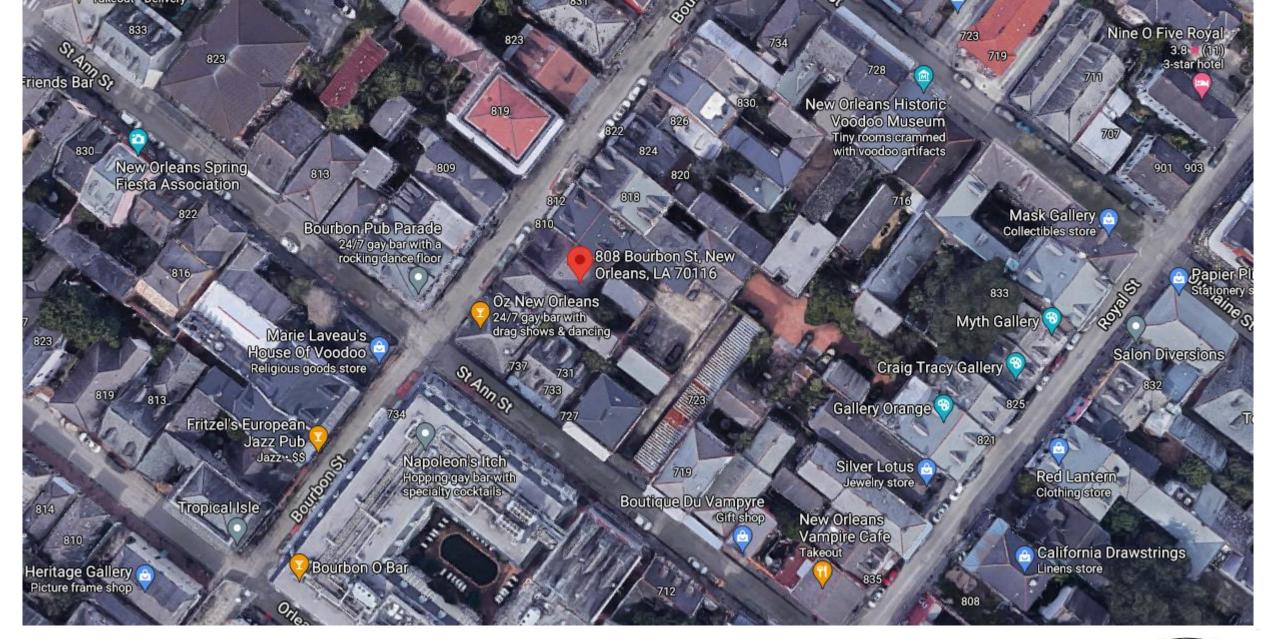
















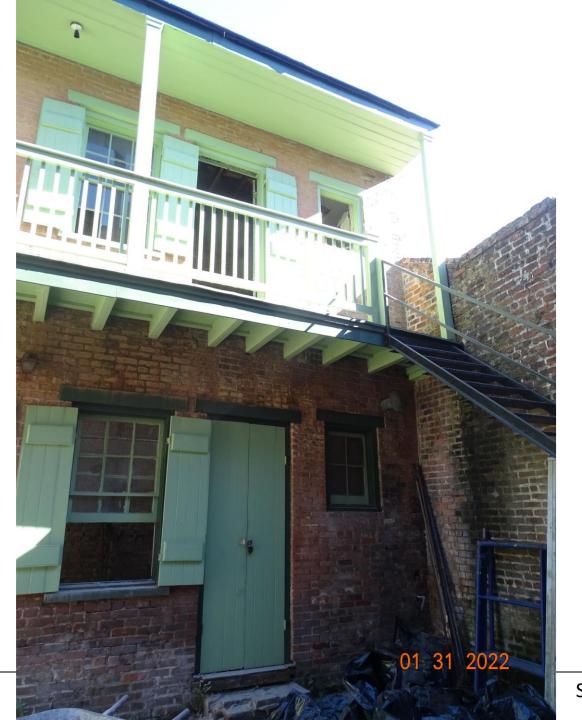




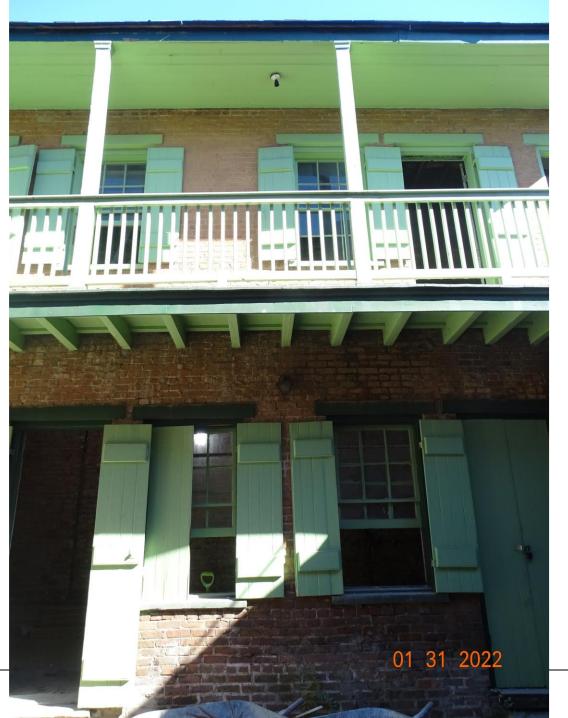


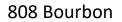
































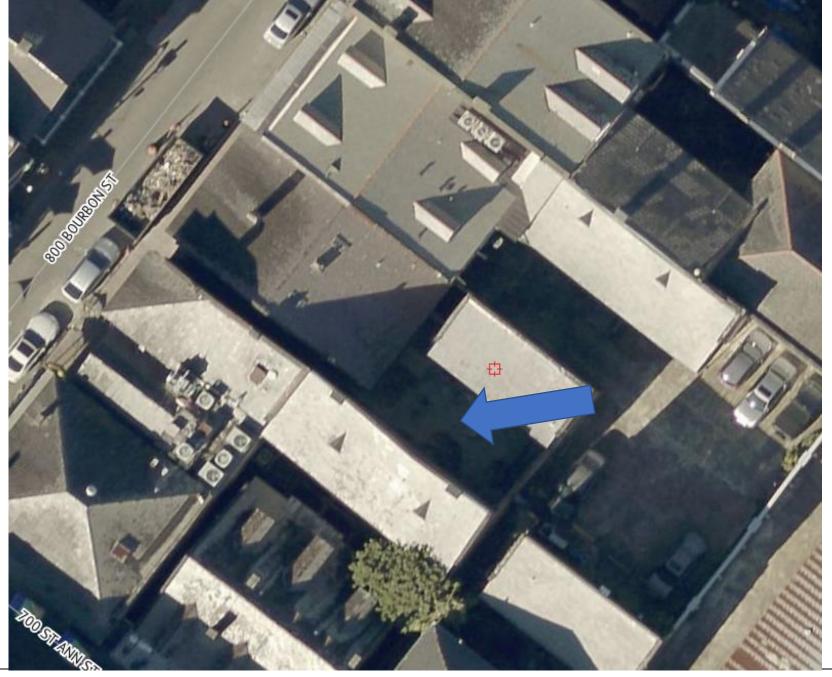




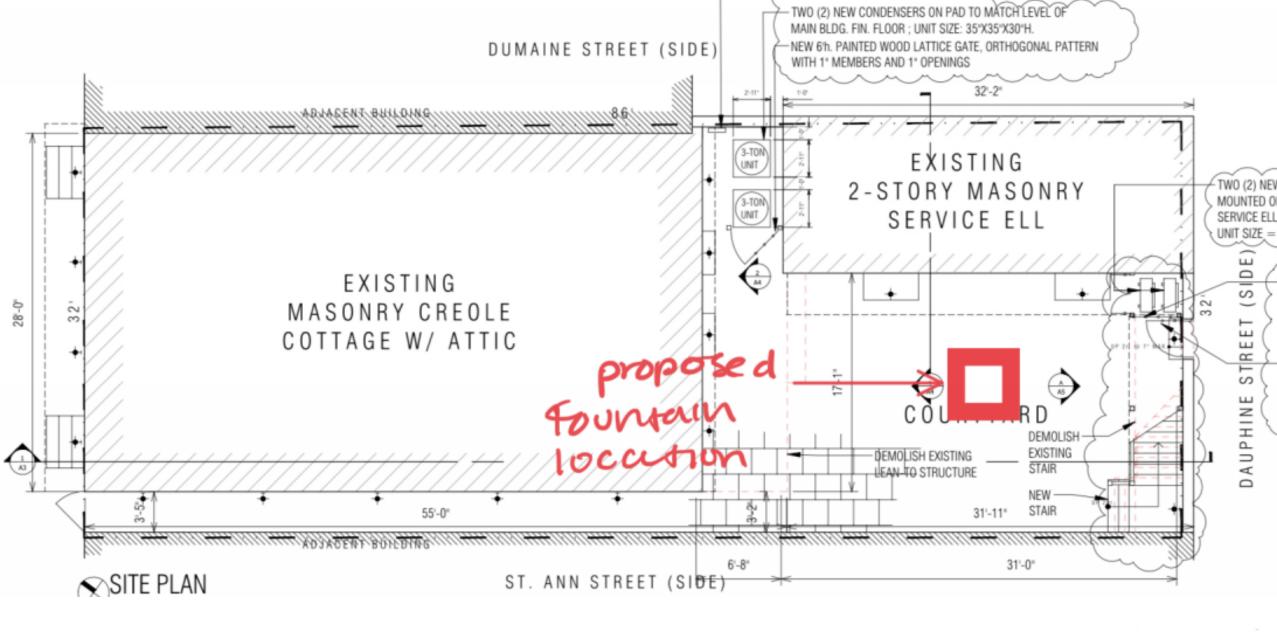




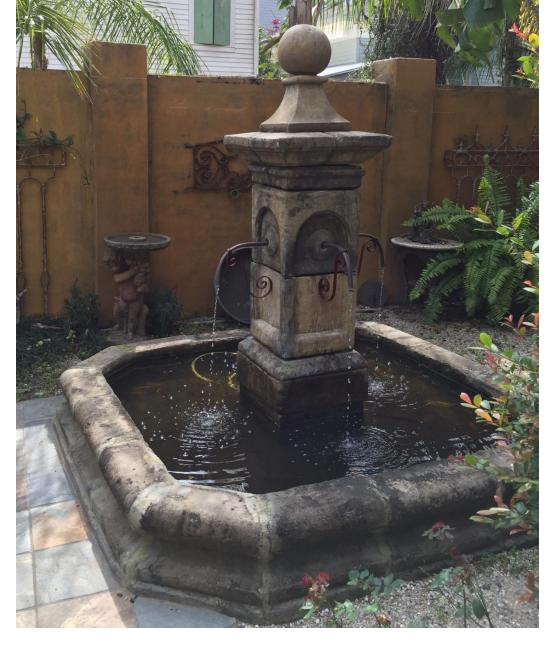








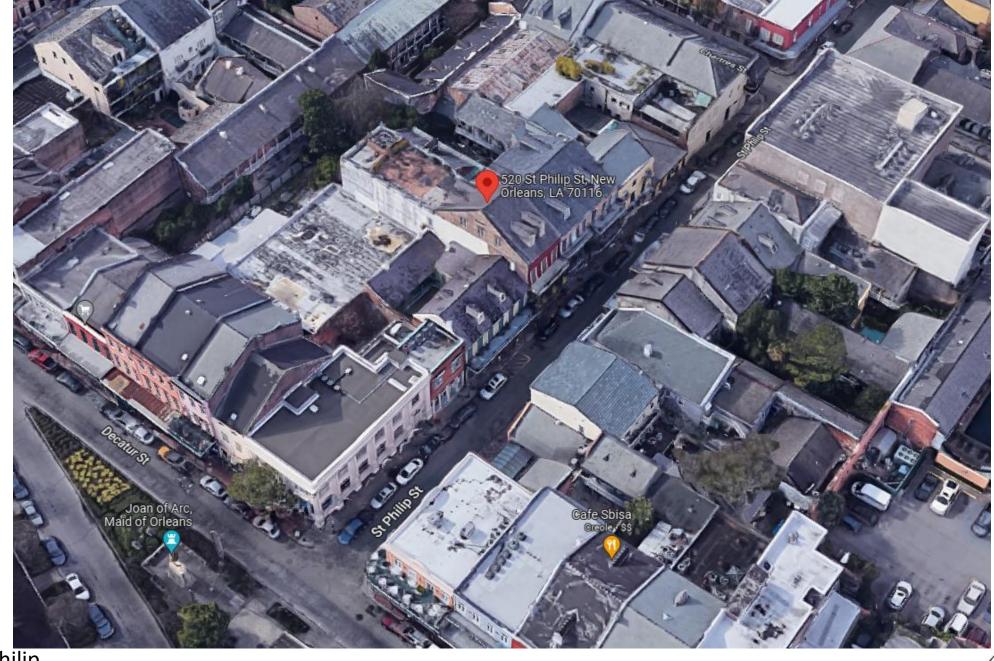


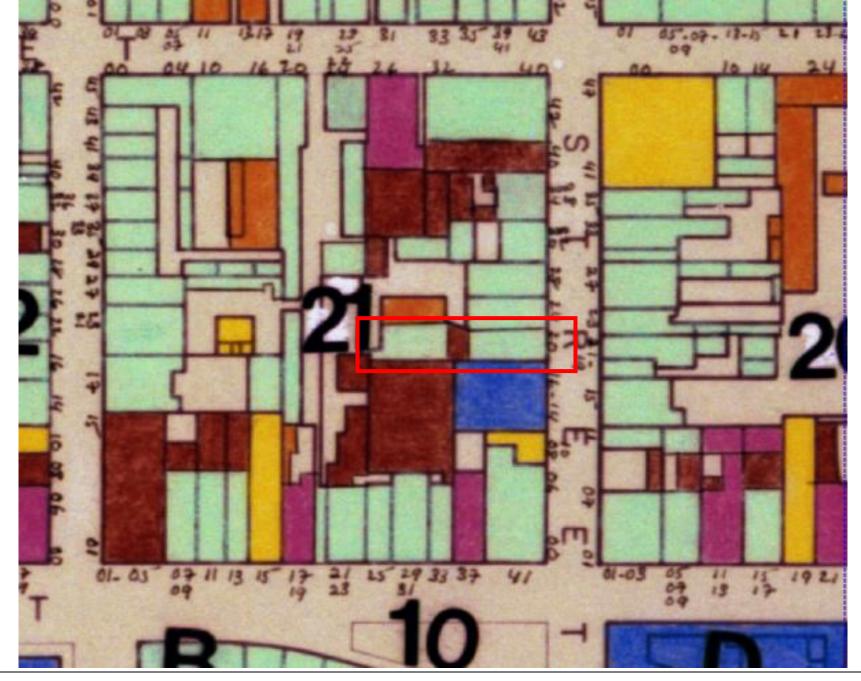






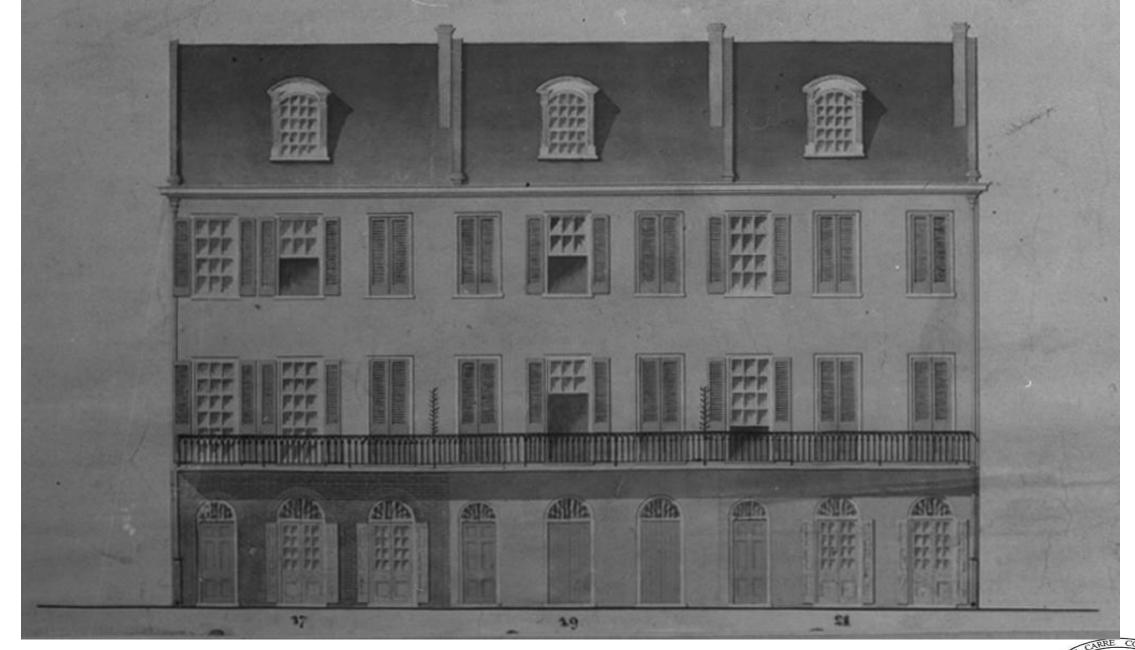












520 St. Philip, 1847





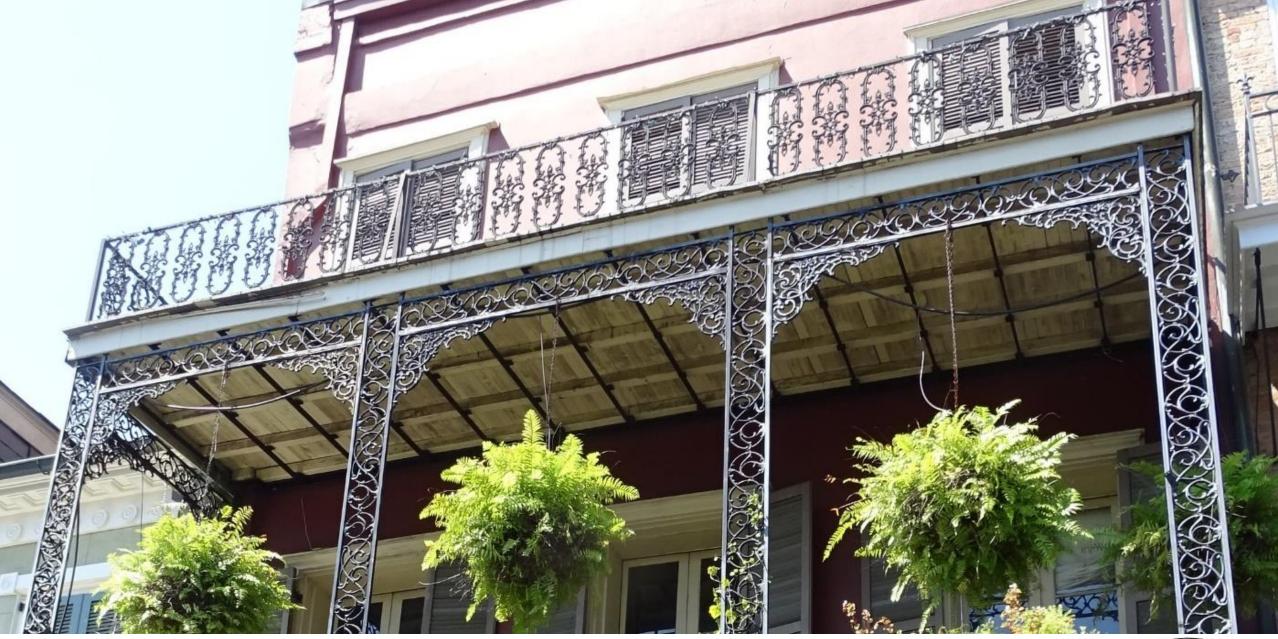






520 St. Philip





520 St. Philip

Roc Burgess Construction

339 Newman Ave Jefferson, LA 70121

504-913-4969

rocburgessconstruction@gmail.com



Estimate

ADDRESS

todd Clower

520 St. Philip VNIT# 7

New Orleans, Louisiana

ESTIMATE # 1187 DATE 08/16/2022

RIVER VIEWY TERRALE CONDOMENIUM

TGC INVESTMENTS, LLC (WHIT DWNER)

ACTIVITY QTY RATE AMOUNT Balconies 18.825.00 18,825.00

This is a proposal for work to be done at 520 St. Philip. Work consist of replacing the balcony on the Clower residence unit. Our price includes materials and labor for the scope of work below.

Scope of Work:

- Acquire all proper permits,
- Mobilize job with man lift, to access balcony from street.
- Demo existing balcony.
- Install new treated 4" x 4" purlins to match existing.
- Install new Aeratis T/G deck boards.
- Install new Azek fascia board and molding, to match existing.
- All new materials will be painted to match
- Install new thresholds on the two exterior doors.
- Remove all trash and debris from site daily.

\$18,825.00

If you have any questions or concerns please contact Steven Burgess TOTAL (504)913-4969

Steven Burgess

Valance Construction

Accepted By

TODS G CLOWER

Any alteration or deviation from the above specifications involving extra cost of material or labor will only be executed upon written orders for same, and will become an extra charge over the sum mentioned in this contract.

Accepted Date

ACTIVITY QTY

Balconies

This is a proposal for work to be done at 520 St. Philip. Work consist of replacing the balcony on the Clower residence unit. Our price includes materials and labor for the scope of work below.

Scope of Work:

- Acquire all proper permits,
- Mobilize job with man lift, to access balcony from street.
- Demo existing balcony.
- Install new treated 4" x 4" purlins to match existing.
- Install new Aeratis T/G deck boards.
- Install new Azek fascia board and molding, to match existing.
- All new materials will be painted to match existing,
- Install new thresholds on the two exterior doors.
- Remove all trash and debris from site daily.



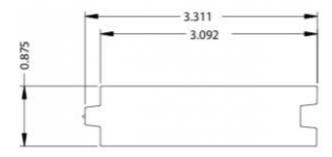
ÆRATIS



The Heritage line of products are ADA slip complaint and carry a Class "B" fire rating (more flame resistant that any other competitors' product). This double-sided board offers a finished ceiling look from the underside of a porch floor that is visible from underneath.

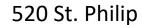
Aeratis Heritage T&G porch flooring board dimensions are 3-1/8" x 7/8" and are available in 12', 16' and 20' lengths. As seen above from left to right: Battleship Gray, Weathered Wood and Vintage Slate. The Aeratis products have the appearance of wood and natural color variation.

Aeratis Heritage T&G Porch Flooring Dimensions

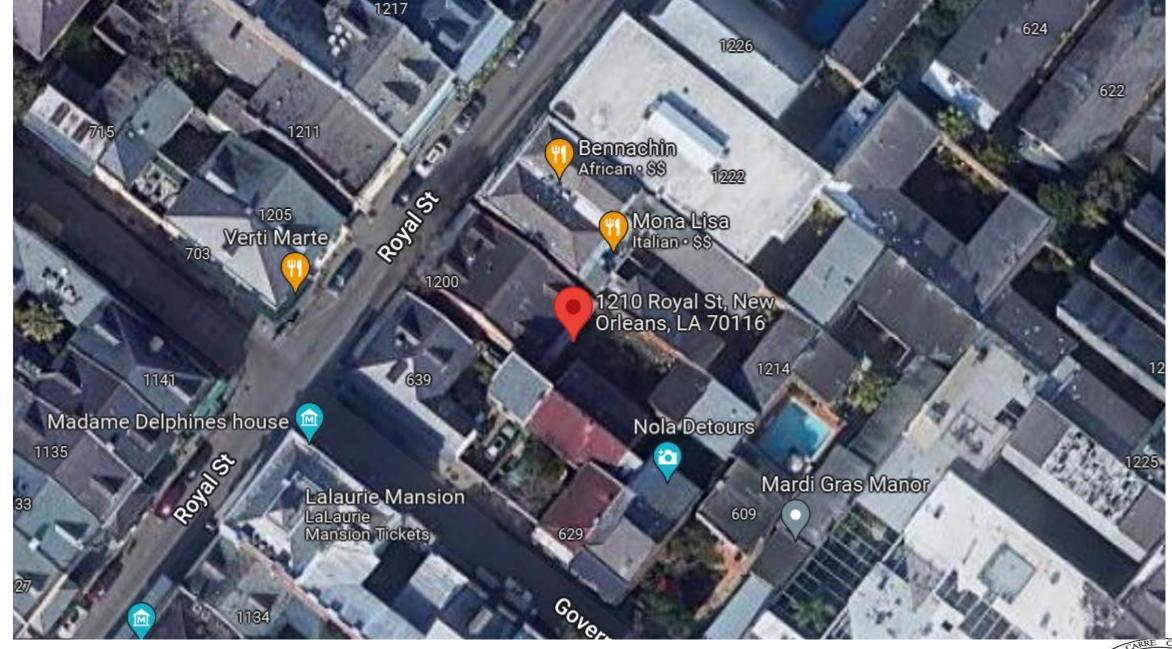


Lengths: 12', 16', or 20' Width: 3-1/8" (3.092) Thickness: 7/8"









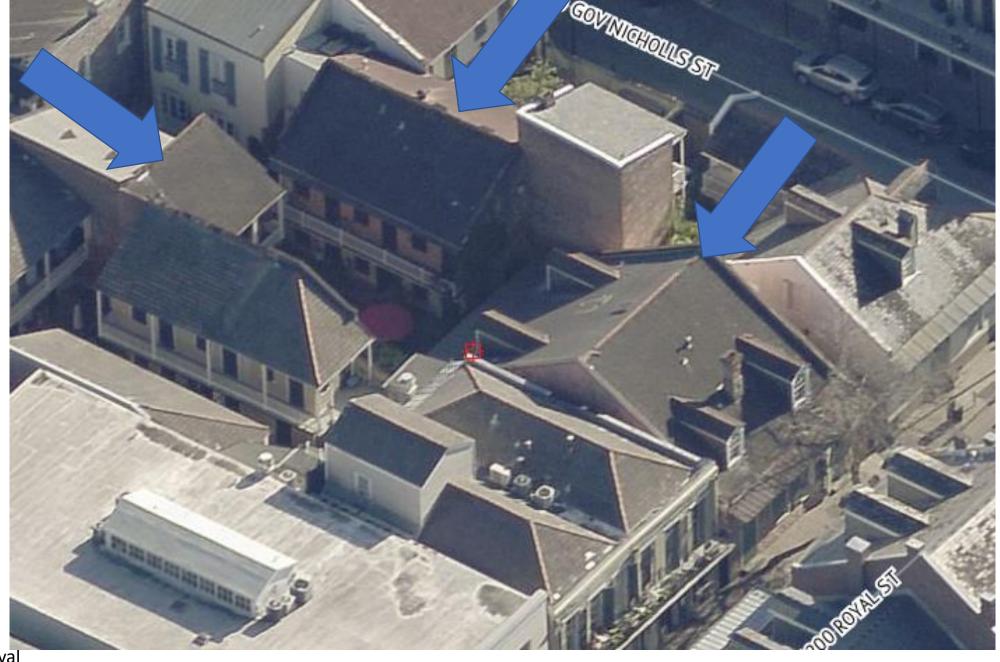
1210 Royal





1210 Royal





1210 Royal



The Vieux Carre Commission hereby grants permission for work to be performed on premises listed, under their inspectory supervision, within given dates, in accordance with outlined specification, and in conformity to Chapter 65 of Code of City of New Orleans, as amended, as follows: Premises: 1206-10 Royal Street 581-2672 Charles Vick, 1210 Royal Street Are you Owner_X Lessee ___ Agent ___ Other Statu Has owner authorized work to be done under this permit? Charles Vick Owner: . (* within 30 days)

Specifications: Rear and Side Slave Quarter Buildings:

Reroof rear and side Slave Quarter Buildings with Slate Black Am. -Col. Asbestos shingles.

Repair brick building and tuck-point where necessary.

Brick enclose openings on left side (lat floor on rear bldg.

Repair and replace doors, windows, shutters and frames where necessary and as existing.

Repair and/or replace balcony wood outriggers, stringers, flooring, facia and molding as existing and to V.C.C. standards, beaded wood where required.

* Restore rear building balcony railing and post to V.C.C. standards.

Detail Sheet No. 9.

Signature of Applica

NOTE: This permit must be presented to Department of Regulatory Inspections, 7E04 City Hall, Civic Center, for required Building Permit, before any work is commenced. This Vieux Carre Commission Permit expires six months after date of issue unless other wise noted.



(* within 30 days)

Rear and Side Slave Quarter Buildings: Specifications:

Reroof rear and side Slave Quarter Buildings with Slate Black Am. -Col. Asbestos shingles.

Repair brick building and tuck-point where necessary.

Brick enclose openings on left side (lit floor on rear bldg.

Repair and replace doors, windows, shutters and frames where necessary and as existing.

Repair and/or replace balcony wood outriggers, stringers, flooring, facia and molding as existing and to V.C.C. standards, beaded wood where required.

Restore rear building balcony railing and post to V.C.C. standards. 5/11/11- Water in pragues RV/S And 5/11/11- Working according to perint - And

Detail Sheet No. 9.

171-was startes

Signature of Applicant:

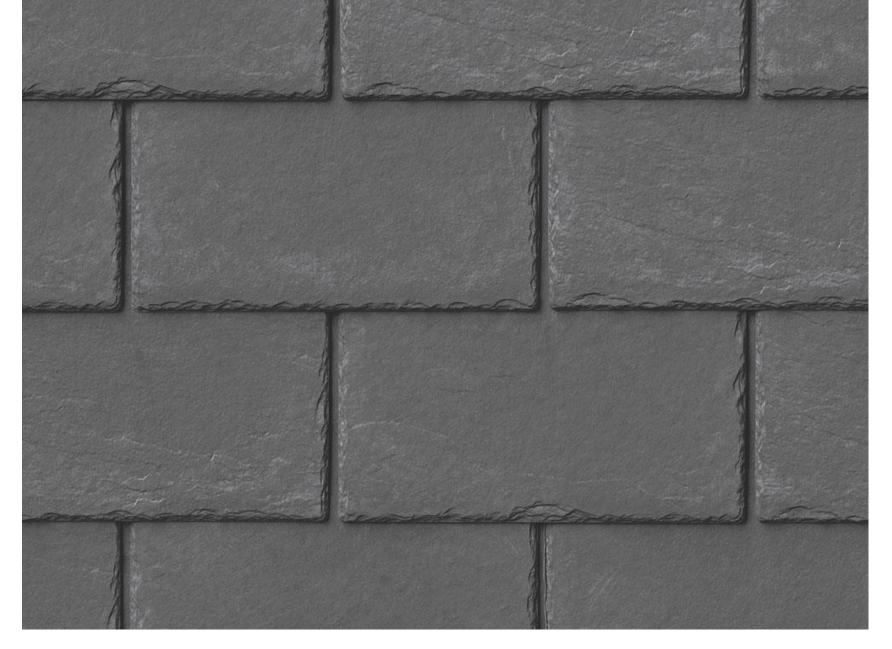






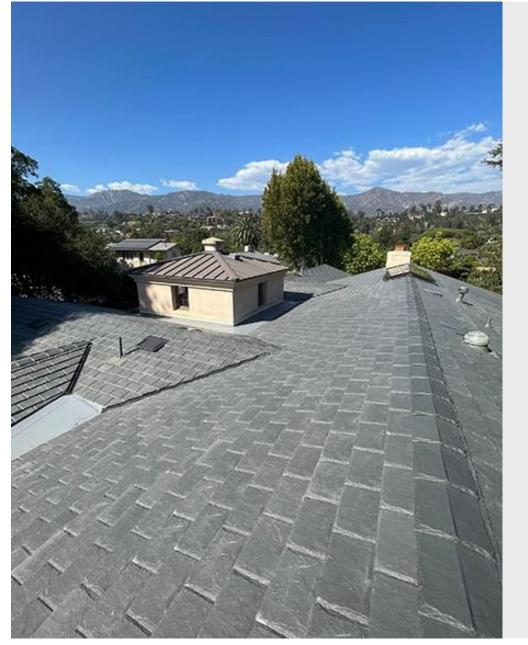






1210 Royal – Davinci Inspire in Mist Grey color







Slate Gray Residential

COLOR Slate Gray

ROOF Skylight

DETAIL

PROJECTResidential

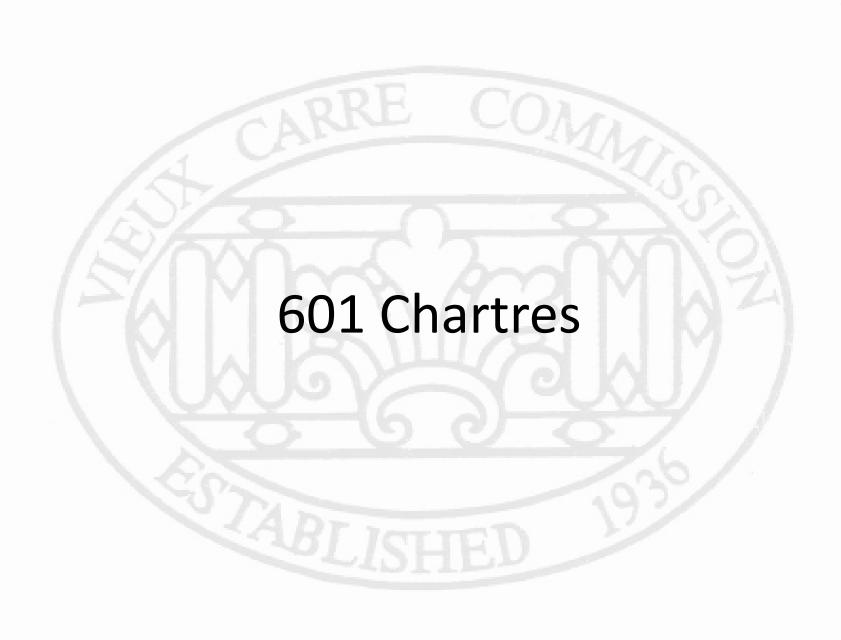
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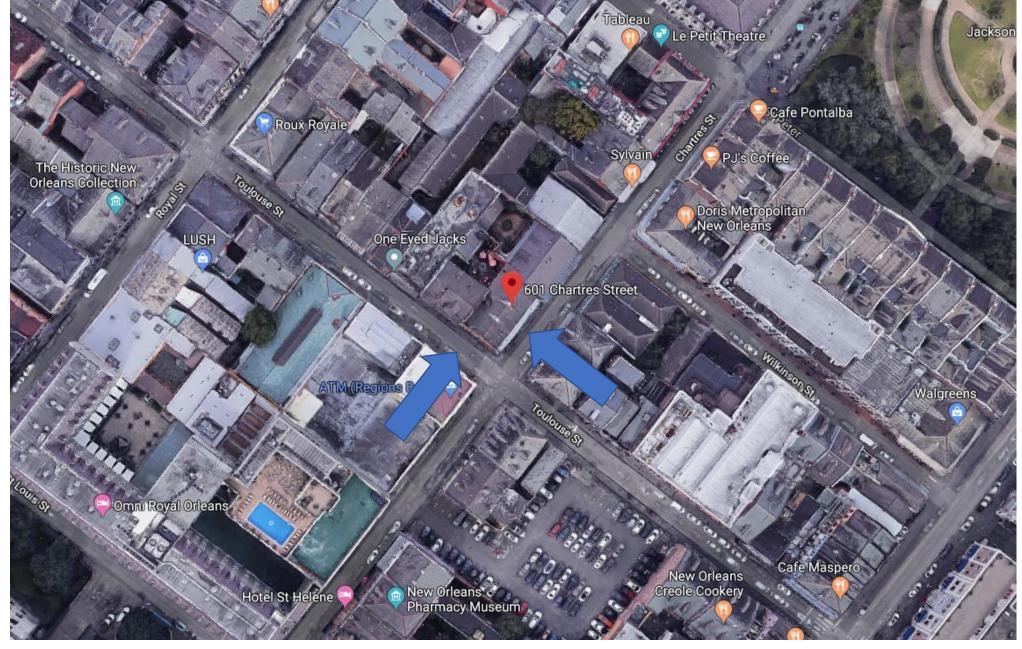
1210 Royal – Davinci Example Roof





711 Bourbon Deferral Requested by Applicant Prior to the Meeting









601 Chartres





601 Chartres









601 Chartres









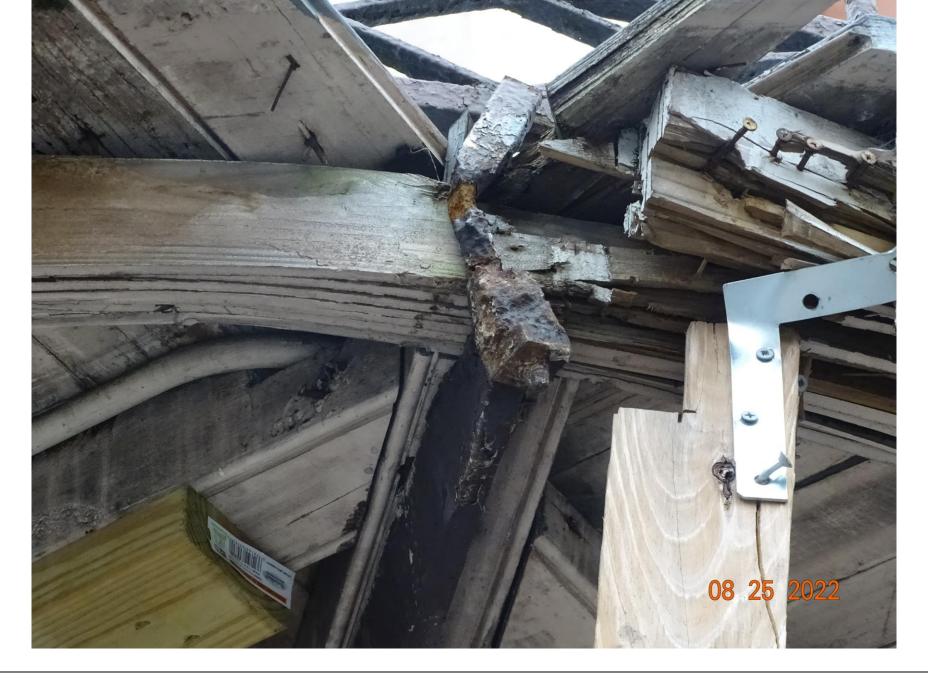
601 Chartres













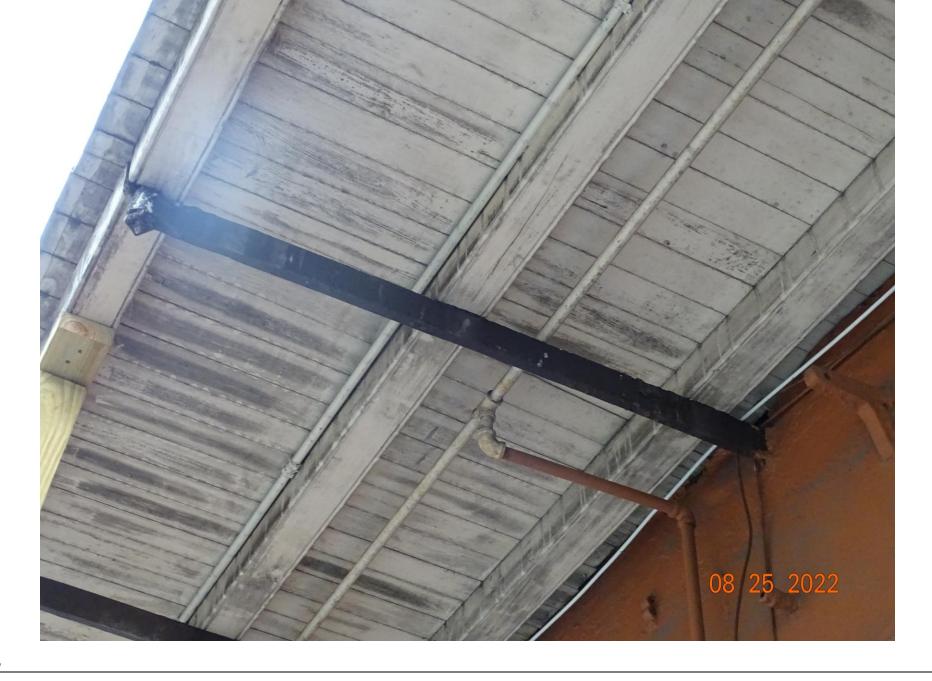




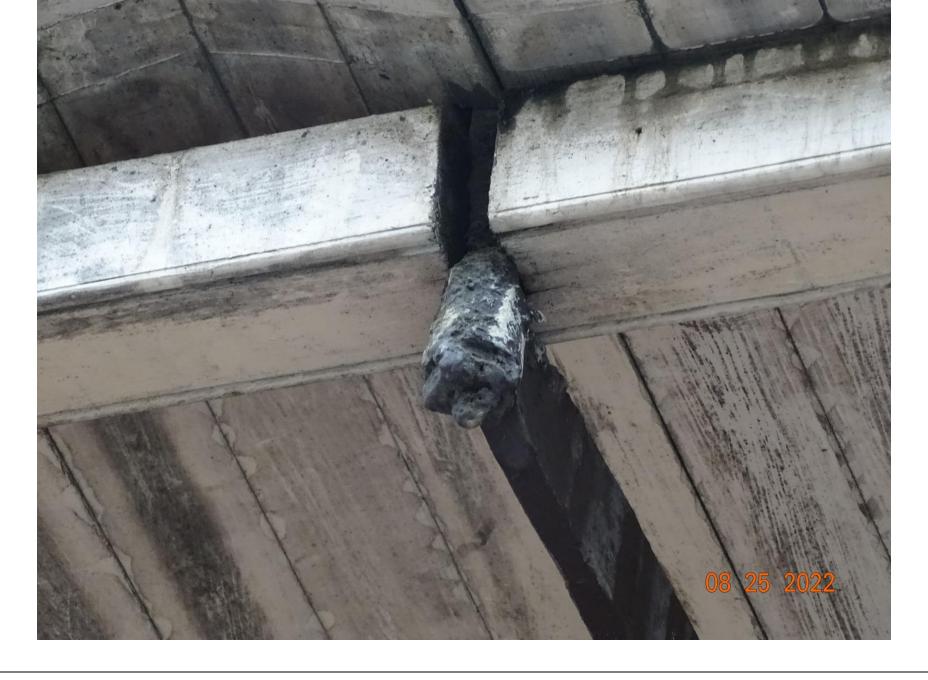




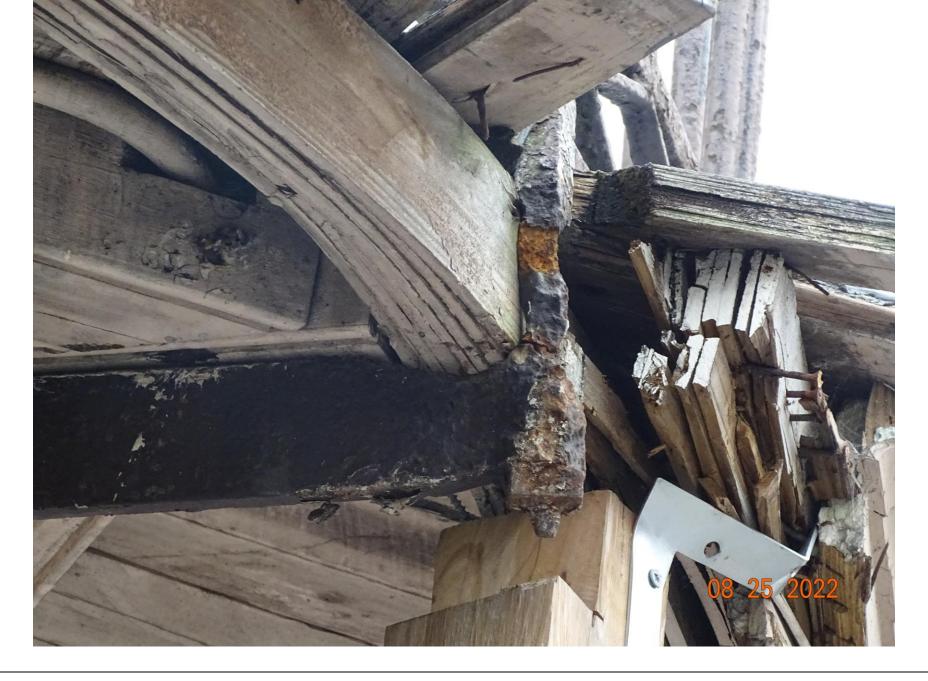








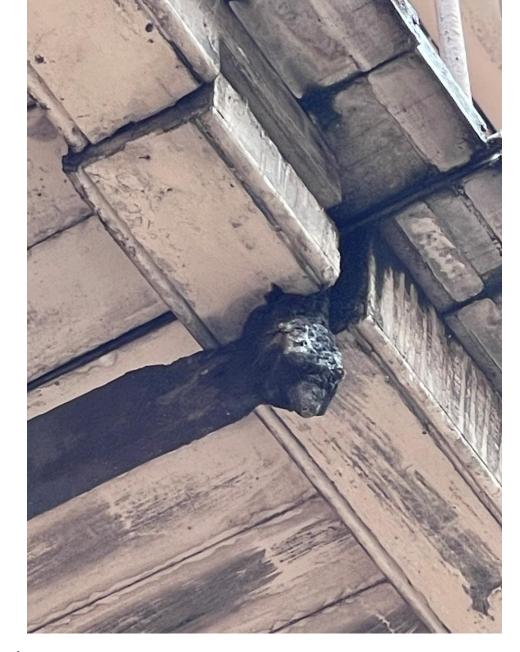






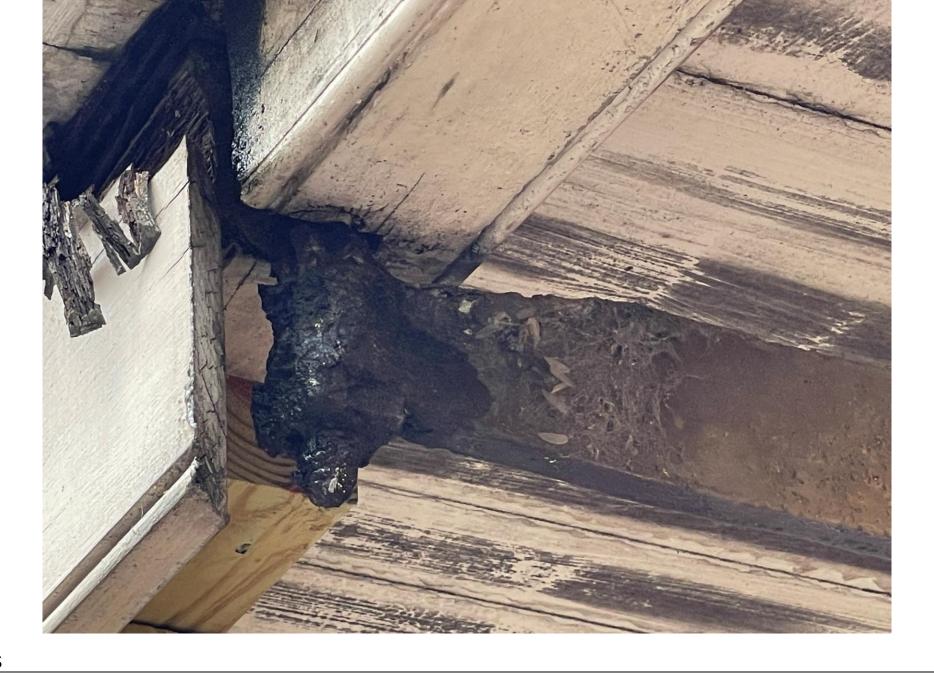




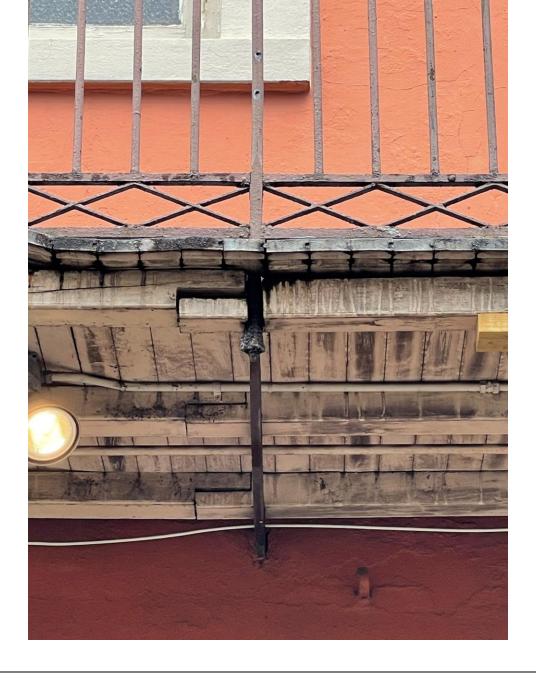




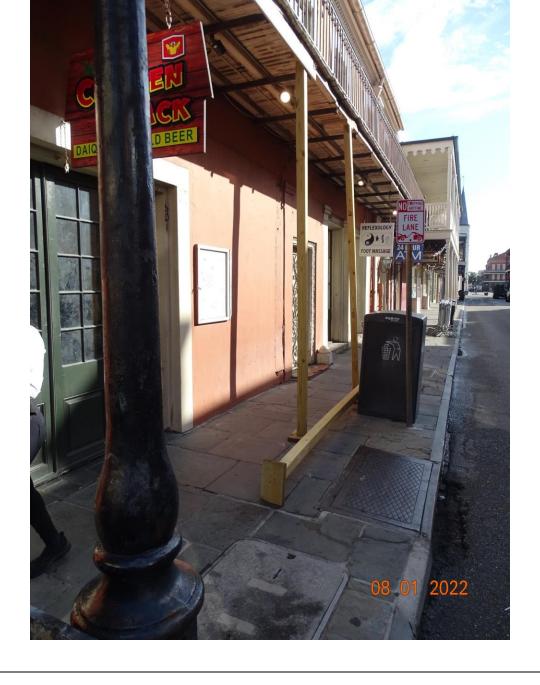
601 Chartres















August 18, 2022

Mr. Myles Martin M3 Design Group 3328 Banks Street New Orleans, LA 70119

Re: 601 Chartres Street

New Orleans, LA 70130

Balcony Corner Structural Inspection

Dear Mr. Martin,

Pursuant to your request, a site visit was conducted at the above referenced address on 08/14/2022. The purpose of the limited visual inspection conducted was to assess the general structural condition of the existing second floor corner balcony. The inspection consisted of a visual review of the current conditions, recording any observations of structural deficiencies, or evidence in finishes which cover the structural elements. The inspection was conducted by the creator of this report. No lift or special equipment was used during the time of inspection.

The elements under review consisted of an existing exterior second floor balcony at the north corner of Chartres and Toulouse Street, framed with steel outriggers and wood 4x joists resting on the outriggers. It appears the joist only rest on the outriggers and are not connected by mechanical means. The decking of the balcony consists of wood 1x tongue and groove decking running perpendicular to the wood joists. Metal railing wraps the perimeter street side with vertical support connections on steel outriggers, except for the corner outrigger connection which only acts as a brace.

During the assessment of the balcony, major structural damage due to vehicular traffic striking the balcony was noted. The corner outrigger connection was noted to have failed and the outrigger was no longer structurally viable due to damage. The load bearing masonry wall had also received damage due to the collision at the outrigger connection point and needs tuckpointing repairs. Standard wear and tear due to aging and weathering was also noted.

The following are examples of issues noted in structurally related building elements under review with their corresponding images undermentioned:



- Picture P01 depicts damage to the existing multi-wythe masonry wall and the corner
 outrigger support point. The outrigger and its masonry anchor are too damaged to
 continue to be structurally viable and should be replaced in kind with another outrigger
 matching the existing in dimensions, material, color, and texture. The existing masonry
 pocket should be used to install the new outrigger and the surrounding masonry fully
 tuck pointed to the appropriate extents. All stucco/plaster removed or damaged should
 be replaced in kind. See attached structural plans and data sheets for balcony and
 masonry repair details and information.
- Picture P02 depicts damaged to the existing wood decking, fascia, outrigger, composite curved wood framing, and rail brace. The wood fascia and deck framing were damaged in the collision and should be replaced in kind. The composite curved wood framing should be replaced with 2x4 wood framing comprising the same dimensions. The metal railing brace can be removed and omitted as it was not a main vertical support.
- Picture P03 depicts the extents and overall damage to the corner of the balcony along with temporary shoring, not designed by AP Design Group (APDG).



<u>P01</u> – Image taken from corner of Chartres and Toulouse looking up at damaged balcony, building side; In view is damaged balcony outrigger and multi-wythe masonry wall.







To the best of our knowledge, the balcony is not structurally sound. A qualified contractor should be engaged to address the items noted above. During repair operations, any elements discovered to be deficient, should be addressed per appropriate repair methods. The issues noted could deteriorate further or exacerbate other areas causing future structural issues if left unresolved. See provided repair plan and information package attached. It's suggested the recommended repairs be done immediately to retain the structural integrity of the balcony.

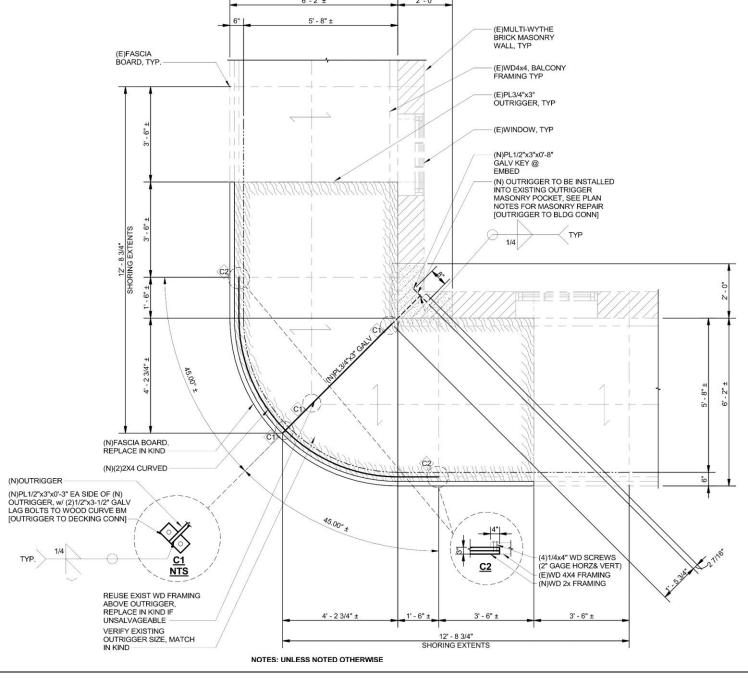
Please do not hesitate to reach out with any further questions.

Thank you,

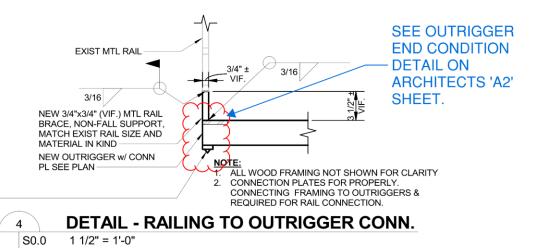
Joshua Juneau, P.E.

08-18-22

JOSHUA P. JUNEAU License No. 44521



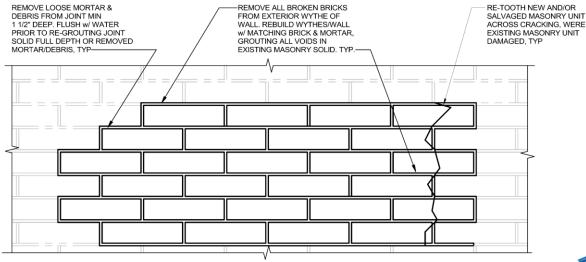




NOTES: UNLESS NOTED OTHERWISE

- REPLACEMENT MEMBERS TO MATCH EXISTING IN KIND. VERIFY IN FIELD ALL NEW (N) MEMBER SIZES PROVIDED MATCH EXISTING IN KIND. EXISTING MEMBERS (E) TO REMAIN.
- DENOTES AREA OF WD1X4 T&G DECKING TO BE REPLACED, TYP. REFASTEN OR REPLACE ALL/ANY LOOSE WOOD CONNECTIONS WITHIN AREA NOTED.
- DENOTES EXIST BRICK MASONRY TO BE FULLY TUCK POINTED TO EXTENTS SHOWN BEGINNING FROM TOP OF EXIST BALCONY TO 24" BELOW INCLUDING CORBELING. FULLY GROUT VOID SPACE w/ VCC APPROVED 3,000 PSI MORTAR. REMOVE & REPLACE PLASTER AS NEEDED, FOLLOWING VCC APPROVED DETAILS. REUSE EXISTING OUTRIGGER MASONRY POCKET TO INSTALL NEW OUTRIGGER MATCHING EXISTING IN KIND.
- 4. ———— DENOTES LINE OF RECOMMENDED SHORING, RECOMMENDED SHORING BE PLACED @ EA EXIST OUTRIGGER LOCATION & BE RATED FOR 2 KIPS MINIMUM. SHORING MEMBER SMALLER THAN WD 6X6 NOT PERMITTED. SHORING TO BE BRACED HORIZ w/ 4 ROWS OF BRACING EQ SPACED, MAXIMUM 4"-0" SPACING, MINIMUM (2)2X6 EA SIDE w/ (4)16dx3" NAILS EA END.
- 5. REUSE ALL EXISTING FRAMING, REPLACE IN KIND IF UNSALVAGEABLE.
- 6. VERIFY IN FIELD ALL DIMENSIONS NOTED AS "±".
- 7. (N) DENOTES NEW CONSTRUCTION
- . (E) DENOTES EXISTING CONSTRUCTION
- ENSURE ALL EXISTING MASONRY IS PROPERLY SHORED AND/OR SECURED DURING REPAIR OPERATIONS.
- 10. ENSURE PROPER SHORING IS IN PLACE PRIOR TO BEGINNING WORK.
- 11. FOR FASTENERS & CONNECTIONS NOT SHOWN, REPLACE IN KIND AS NEEDED.
- 12. DENOTES DECK SPAN DIRECTION
- DENOTES CONNECTION 1, SEE CONNECTION HIGHLIGHTS IN PLAN ---
- 14. CONNECT NEW FASCIA TO NEW OR EXIST FRAMING w/ (3)10d COMMON NAILS @ 16" O.C. & @ ENDS 1" FROM EDGE. 15. SEE 4 / S0.0 FOR EXISTING RAILING TO NEW OUTRIGGER CONNECTION.

80.0 BALCONY CORNER REPAIR PLAN







1. BALCONY FLOORS: REPAIR EXISTING T-N-G WOOD DECK BOARDS WITH MATERIAL TO MATCH

2. ALL REPAIR/REPLACE WORK SHALL MATCH EXISTING IN MATERIAL, DIMENSION, SIZE, PROFILE,

EXPOSURE, RELIEF, DETAIL, SHAPE, CONFIGURATION, TYPE AND OPERATION UNLESS

3. ALL EXTERIOR TRIM, SOFFIT, FASCIA, ETC. TO BE SOLID WOOD, TREATED FOR EXTERIOR USE,

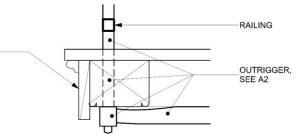
PAINTING. STAIN TREATMENT IS NOT APPROVED FOR BUILDING SIDING, TRIM, WINDOWS,

ALL CHANGES OR ADDITIONAL WORK MUST BE APPROVED BY THE VCC

GENERAL NOTES - RENOVATION SCOPE

AND AIR OR KILN DRIED PRIOR TO INSTALLATION. ALL WORK DONE IN PREPARATION FOR

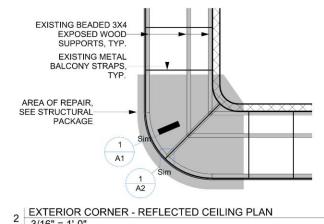
NEW WOOD FASCIA AND UPPER TRIM PEICE AT UNDERSIDE OF DECKING TO BE REPLACED WHERE DAMAGED. MATCH EXISTING PROFILES IN LIKE AN KIND.



EXISITING RADIUS WOOD MEMBER TO BE REPLACED, SEE STRUCTURAL PLANS

EXISTING STUCCO CORINCE PROFILE (WHERE MISSING) TO BE REBUILT TO MATCH

TYP. GALLERY EDGE CONDITION



SEE A2 & A3 FOR STEEL OUTRIGGER CONNECTION DETAIL

PREPACKAGED MIXES ARE NOT PERMITTED.

NO MORE THAN:

☐ PART PORTLAND CEMENT, TO

3 PARTS LIME,

9 PARTS SAND, AND

LENOUGH WATER TO FORM A WORKABLE MIX

THE RESULTING MORTAR SHOULD RANGE IN COLOR FROM WHITE TO BEIGE BUT SHOULD NOT BE GREY IN COLOR. WHEN REPOINTING, ALL MORTAR TO BE TOOLED TO MATCH EXISTING JOINT PROFILES. CONSULT WITH VCC STAFF IF EXISTING JOINT PROFILE INDETERMINATE.

3/16" = 1'-0"

PREPACKAGED MIXES ARE NOT PERMITTED

BASE COAT CONSISTS OF 2 COATS, DOUBLED UP WORK OF 5/8" TOTAL THICKNESS. PROPORTIONED AS FOLLOWS:

LNO GREATER THAN 1:12 PART PORTLAND CEMENT, TO

3 PARTS LIME, AND

9 PARTS SAND.

6 LBS./CUBIC YARD HAIR OR FIBER, AND

LENOUGH WATER TO FORM A WORKABLE MIX.

FINISH COAT IS 1/4" IN TOTAL THICKNESS PROPORTIONED AS FOLLOWS:

TNO MORE THAN 1 PART PORTLAND CEMENT,

3 PARTS LIME,

9 PARTS SAND,

TENOUGH WATER TO FORM A WORKABLE MIX.

THE RESULTING MIX SHOULD RANGE IN COLOR FROM WHITE TO BEIGE BUT SHOULD NOT BE GREY IN COLOR. NOTE: RATIO OF PORTLAND CEMENT NOT TO EXCEED 1:12. AN INCORRECT MORTAR CAN DAMAGE AN HISTORIC BUILDING AND ITS MATERIALS.

GENERAL NOTES - VCC STUCCO & MORTAR DETAILS

EXTERIOR ST

REPAIR

CORNER

CHARTRES





601 Chartres

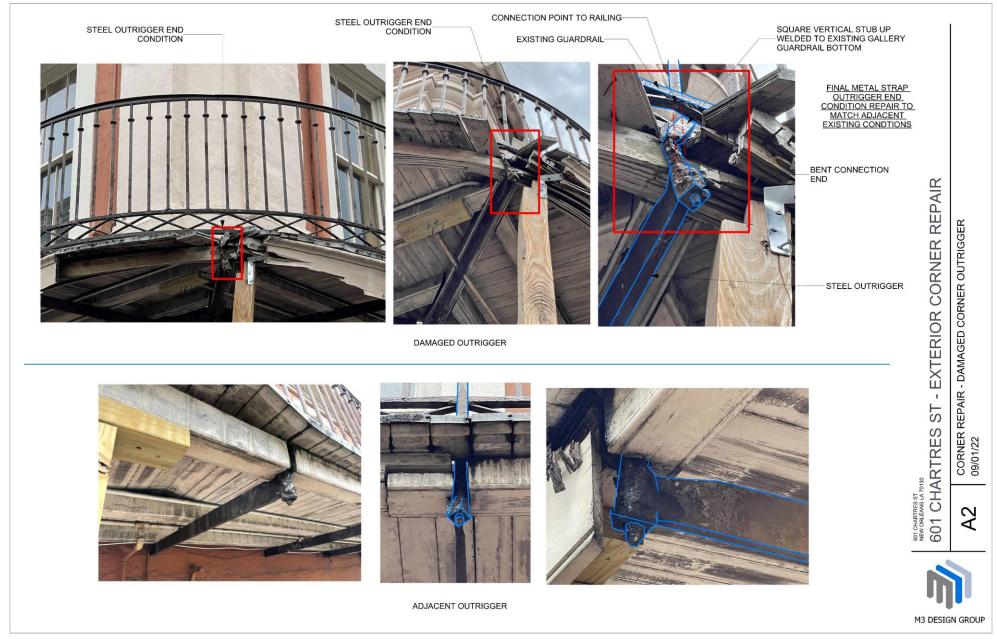
OTHERWISE SPECIFIED.

SHUTTERS, SOFFITS OR DECKING.

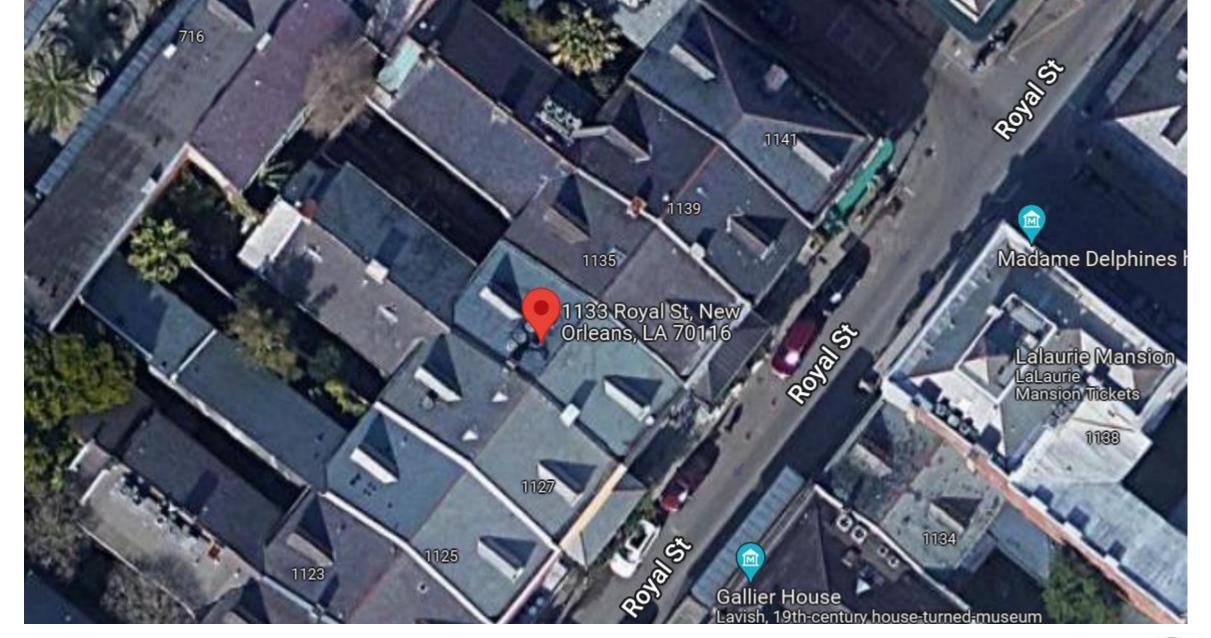
CORNER REPAIR 09/01/22

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601



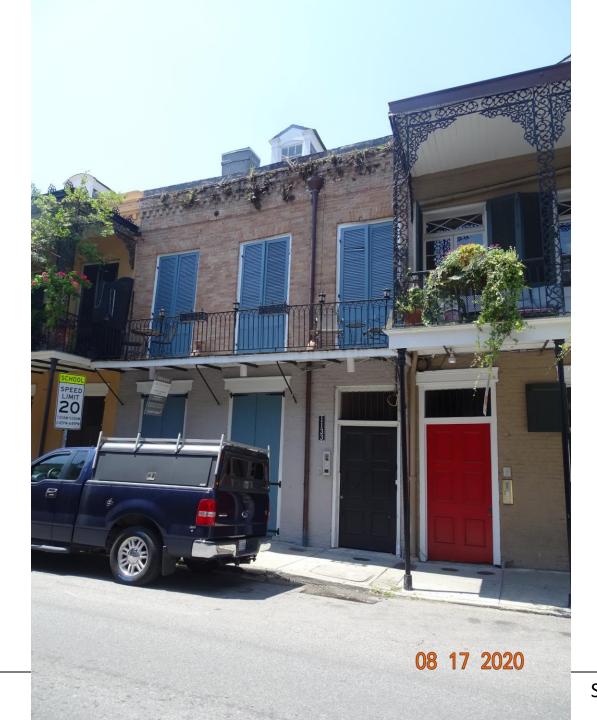




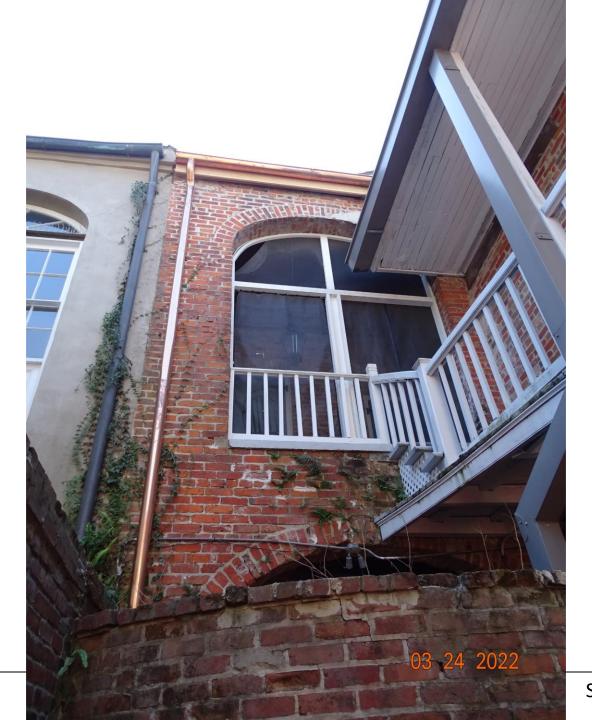










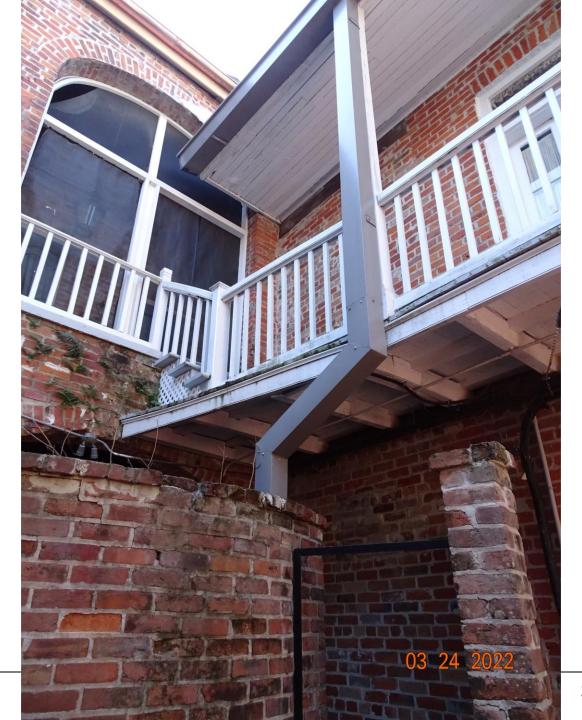




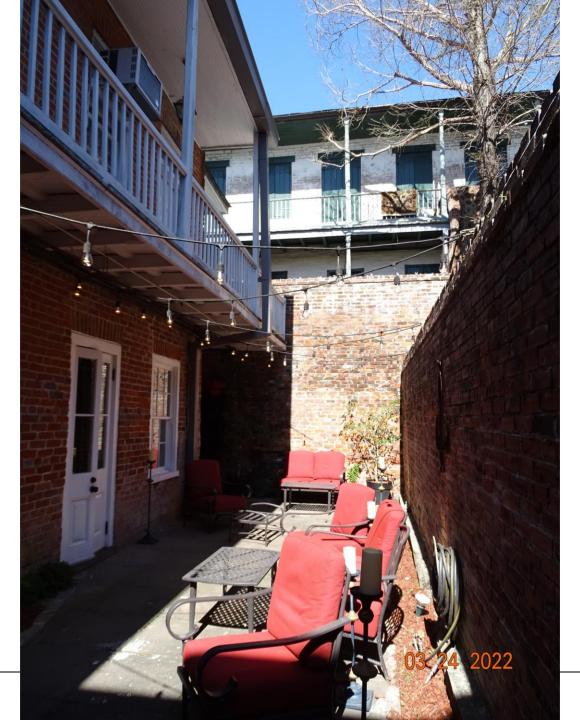




















Half round gutter. No downspouts visible.

