

October 20, 2020

NOTICE OF DENIAL

James A. Franke
Normandy Properties, Inc.
1991 Chicago
Detroit, MI 48206

RE: Application Number 20-6894; 1991 Chicago; Boston Edison Historic District

Dear Mr. Franke:

At the regular meeting that was held on October 14, 2020, the Detroit Historic District (“Commission”) reviewed the above-referenced application for building permit. Pursuant to Section 21-2-80 of the 2019 Detroit City Code, the Commission hereby issues a **Notice of Denial for the below outlined items** which is effective as of October 20, 2020. Specifically, the Commission reviewed the permit for **the below-described work**, and determined that it *does not* qualify for a Certificate of Appropriateness because it does not meet the Secretary of the Interior Standards for Rehabilitation, Standards #2) *The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided,* #3) *Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.* #5) *Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved,* #6) *Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence, and* #9) *New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment:*

- The removal of porch wings, columns and railings and front elevation wall treatment without permit and/or approval of the Historic District Commission.

The Commission issues this *Notice of Denial*, with the following *Stipulations for Correcting the Violation*:

1. Rebuild porch to its original dimensions using matching materials, including wings with iron railings to match original, and including wood columns to match originals.
2. Correction work must receive a COA in order to receive a Building Permit, prior to beginning work.
3. Correction should be completed by June 2021

Please note that the above-described work associated with application #20-6894 represents a violation of Detroit City Code. The Historic District Commission will not take any further action until June 2021. If you have not corrected the violation in a matter that meets the above-outlined stipulations on or before June 2021, the Detroit Buildings, Safety Engineering and Environmental Department (BSEED) will resume enforcement action on the denied work items.

Please be advised that a permit applicant that is aggrieved by a decision of the Detroit Historic District Commission concerning a permit application may file an appeal with the Michigan Department of Attorney General. Within sixty (60) days of your receipt of this notice, an appeal may be filed with:

Jon Stuckey
Michigan Department of Attorney General
2nd Floor G. Mennen Williams Building
525 West Ottawa Street
P.O. Box 30754
Lansing, MI 48909
P: 517-335-0665
F: 517-335-3088
Email: stuckeyj@michigan.gov

If you have any questions regarding the foregoing, please contact Taylor Leonard, Counsel for the Commission at (313) 237-3006.

For the Commission:



Daniel Rieden
Staff
Detroit Historic District Commission

October 20, 2020

CERTIFICATE OF APPROPRIATENESS

James A. Franke
Normandy Properties, Inc.
1991 Chicago
Detroit, MI 48206

RE: Application Number 20-6894; 1991 Chicago; Boston Edison Historic District

Dear Mr. Franke:

At the regular scheduled meeting that was held on October 14, 2020, the Detroit Historic District Commission (“Commission”) reviewed the above-referenced application for building permit. Pursuant to Section 5(10) of the Michigan Local Historic District Act, as amended, being MCL 399.205, MSA 5-3407(5)(10) and Section 21-2-73 of the 2019 Detroit City Code; the Commission has reviewed the above-referenced application for building permit and hereby issues a Certificate of Appropriateness, which is effective as October 20, 2020.

The Commission issued a Certificate of Appropriateness for the following work items because they meet the Secretary of Interior’s Standards for Rehabilitation.

Exterior Work

- All windows were restored throughout the home. Each window was taken apart, resized, new historic chain and hardware installed and glass replaced where needed.
- Shutters restored back to the original color that existed under the painted-over white color.
- Upper railing repairs included removing rust and repainting the railings from white to black, their original color.
- Light fixture on underside of porch roof was repaired and reinstalled.
- Limestone edge of front porch slab was salvaged and reset in place
- Replaced damaged concrete in front porch surface

Please retain this COA for your files. You should now proceed to obtain a building permit from the City of Detroit Buildings, Safety, Engineering and Environmental Department. It is important to note that approval by the Detroit Historic District Commission does not waive the applicant's responsibility to comply with any other applicable ordinances or statutes.

For the Commission:



Daniel Rieden
Staff
Detroit Historic District Commission

THIS IS A 3-PAGE FORM - ALL INFORMATION IS REQUIRED FOR PROJECT REVIEW

HISTORIC DISTRICT COMMISSION PROJECT REVIEW REQUEST

City of Detroit - Planning & Development Department
2 Woodward Avenue, Suite 808
Detroit, Michigan 48226

Date: 9/8/2020

PROPERTY INFORMATION

ADDRESS: 1991 Chicago Blvd AKA: _____

HISTORIC DISTRICT: Boston-Edison District

SCOPE OF WORK: (Check ALL that apply)

<input type="checkbox"/> Windows/ Doors	<input type="checkbox"/> Roof/Gutters/ Chimney	<input checked="" type="checkbox"/> Porch/ Deck	<input type="checkbox"/> Landscape/Fence/ Tree/Park	<input type="checkbox"/> General Rehab
<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Addition	<input type="checkbox"/> Other: _____	

APPLICANT IDENTIFICATION

Property Owner/
Homeowner Contractor Tenant or
Business Occupant Architect/Engineer/
Consultant

NAME: David Darkowski COMPANY NAME: Normandy Properties, LLC

ADDRESS: 1991 Chicago Blvd CITY: Ann Arbor STATE: MI ZIP: 48103

PHONE: 734-545-8546 MOBILE: 734-368-8663 EMAIL: ddarkowski@norfolk-homes.com

PROJECT REVIEW REQUEST CHECKLIST

Please attach the following documentation to your request:

PLEASE KEEP FILE SIZE OF ENTIRE SUBMISSION UNDER 30MB

- Completed Building Permit Application** (highlighted portions only)
- ePLANS Permit Number** (only applicable if you've already applied for permits through ePLANS)
- Photographs** of ALL sides of existing building or site
- Detailed photographs** of location of proposed work (photographs to show existing condition(s), design, color, & material)
- Description of existing conditions** (including materials and design)
- Description of project** (if replacing any existing material(s), include an explanation as to why replacement--rather than repair--of existing and/or construction of new is required)
- Detailed scope of work** (formatted as bulleted list)
- Brochure/cut sheets** for proposed replacement material(s) and/or product(s), as applicable

NOTE:

Based on the scope of work, additional documentation may be required.

See www.detroitmi.gov/hdc for scope-specific requirements.

Upon receipt of this documentation, staff will review and inform you of the next steps toward obtaining your building permit from the Buildings, Safety Engineering and Environmental Department (BSEED) to perform the work.

SUBMIT COMPLETED REQUESTS TO HDC@DETROITMI.GOV

P2 - BUILDING PERMIT APPLICATION

Date: 9/8/2020

PROPERTY INFORMATION

Address: 1991 Chicago Blvd Floor: _____ Suite#: _____ Stories: _____
 AKA: _____ Lot(s): _____ Subdivision: _____
 Parcel ID#(s): _____ Total Acres: _____ Lot Width: _____ Lot Depth: _____
 Current Legal Use of Property: _____ Proposed Use: _____
 Are there any existing buildings or structures on this parcel? Yes No

PROJECT INFORMATION

Permit Type: New Alteration Addition Demolition Correct Violations
 Foundation Only Change of Use Temporary Use Other: _____
 Revision to Original Permit #: _____ (Original permit has been issued and is active)

Description of Work (Describe in detail proposed work and use of property, attach work list)

Remove deteriorating masonry wings and railings of front porch, replace damaged concrete on front porch, reduce columns from 4 to 2. Two interior columns are rotted and beyond repair.

MBC use change No MBC use change

Included Improvements (Check all applicable; these trade areas require separate permit applications)

HVAC/Mechanical Electrical Plumbing Fire Sprinkler System Fire Alarm

Structure Type

New Building Existing Structure Tenant Space Garage/Accessory Building
 Other: _____ Size of Structure to be Demolished (LxWxH) _____ cubic ft.

Construction involves changes to the floor plan? Yes No

(e.g. interior demolition or construction to new walls)

Use Group: _____ Type of Construction (per current MI Bldg Code Table 601) _____

Estimated Cost of Construction \$ _____ \$ _____
By Contractor By Department

Structure Use

Residential-Number of Units: _____ Office-Gross Floor Area _____ Industrial-Gross Floor Area _____
 Commercial-Gross Floor Area: _____ Institutional-Gross Floor Area _____ Other-Gross Floor Area _____

Proposed No. of Employees: _____ List materials to be stored in the building: _____

PLOT PLAN SHALL BE submitted on separate sheets and shall show all easements and measurements (must be correct and in detail). SHOW ALL streets abutting lot, indicate front of lot, show all buildings, existing and proposed distances to lot lines. (Building Permit Application Continues on Next Page)

For Building Department Use Only

Intake By: _____ Date: _____ Fees Due: _____ DngBld? No

Permit Description: _____

Permit #:

Current Legal Land Use: _____ Proposed Use: _____

Permit#: _____ Date Permit Issued: _____ Permit Cost: \$ _____

Zoning District: _____ Zoning Grant(s): _____

Lots Combined? Yes No (attach zoning clearance)

Revised Cost (revised permit applications only) Old \$ _____ New \$ _____

Structural: _____ Date: _____ Notes: _____

Zoning: _____ Date: _____ Notes: _____

Other: _____ Date: _____ Notes: _____



IDENTIFICATION (All Fields Required)

Property Owner/Homeowner

Property Owner/Homeowner is Permit Applicant

Name: David Darkowski Company Name: Normandy Properties, LLC
Address: 8178 Jackson Rd, Ste D City: Ann Arbor State: MI Zip: 48103
Phone: 734-545-8546 Mobile: 734-368-8663
Driver's License #: D 622 135 676 047 Email: ddarkowski@norfolk-homes.com

Contractor

Contractor is Permit Applicant

Representative Name: Brent Virkus Company Name: In the D Construction
Address: 2465 LaSalle Gardens South City: Detroit State: MI Zip: 48206
Phone: 586-854-9203 Mobile: 586-854-9203 Email: brent@restorethed.com
City of Detroit License #: LIC2020-00674

TENANT OR BUSINESS OCCUPANT

Tenant is Permit Applicant

Name: _____ Phone: _____ Email: _____

ARCHITECT/ENGINEER/CONSULTANT

Architect/Engineer/Consultant is Permit Applicant

Name: _____ State Registration#: _____ Expiration Date: _____
Address: _____ City: _____ State: _____ Zip: _____
Phone: _____ Mobile: _____ Email: _____

HOMEOWNER AFFIDAVIT (Only required for residential permits obtained by homeowner.)

I hereby certify that I am the legal owner and occupant of the subject property and the work described on this permit application shall be completed by me. I am familiar with the applicable codes and requirements of the City of Detroit and take full responsibility for all code compliance, fees and inspections related to the installation/work herein described. I shall neither hire nor sub-contract to any other person, firm or corporation any portion of the work covered by this building permit.

Print Name: _____ Signature: _____ Date: _____
(Homeowner)

Subscribed and sworn to before me this _____ day of _____ 20____ A.D. _____ County, Michigan

Signature: _____ My Commission Expires: _____
(Notary Public)

PERMIT APPLICANT SIGNATURE

I hereby certify that the information on this application is true and correct. I have reviewed all deed restrictions that may apply to this construction and am aware of my responsibility thereunder. I certify that the proposed work is authorized by the owner of the record and I have been authorized to make this application as the property owner(s) authorized agent. Further I agree to conform to all applicable laws and ordinances of jurisdiction. **I am aware that a permit will expire when no inspections are requested and conducted within 180 days of the date of issuance or the date of the previous inspection and that expired permits cannot be**

Print Name: David Darkowski Signature: [Signature] Date: 9/8/2020
(Permit Applicant)

Driver's License #: D 622 135 676 047 Expiration: 1/17/2024

Subscribed and sworn to before me this 8 day of Sept 2020 A.D. Oakland County, Michigan

Signature: [Signature] My Commission Expires: 7/11/20
(Notary Public)

acting in Washtenaw County

Section 23a of the state construction code act of 1972, 1972PA230, MCL 125.1523A, prohibits a person from conspiring to circumvent the licensing requirements of this state relating to persons who are to perform work on a residential building or a residential structure. Visitors of Section 23a are subject to civil fines.

This application can also be completed online. Visit detroitmi.gov/bseed/elaps for more information.



1991 West Chicago Blvd
Detroit, MI

The following details didn't change:

1. Porch roof. Nothing changed to the porch roof. Hence, no work was done to the porch roof.
2. Upper railing. Just restored as noted below.
3. Limestone "rim" of the porch slab was salvaged and used in place.
4. Outer pair of columns supporting porch roof. The outer columns at the front corners of the porch were saved and restored/repared. The columns on the rear corners of the porch are also original.
5. Shutters. Shutters are original to the home and were restored back to the original color that existed under the current white color.
6. Windows. All windows were restored throughout the home. Each window was taken apart, resized, new historic chain and hardware installed and glass replaced where needed.
7. Roof Color. The front facing surface of the roof had been replaced sometime prior to our purchase of the home.
8. Light on underside of porch roof. The original underside light was repaired and re-installed.

The following items were changes made to front elevation:

1) Wings of porch removed. The wings were collapsing due to failing footings (See attached photo). The wings could not have been repaired. They would have had to be completely re-built. In order for us to do so we would have had to dig out the old footings and pour new ones and re-build from that point. Rebuilding the wings would have added \$20,000 to the cost of the porch rebuild. This would not have made financial sense considering the value of the home. The main porch's footings were in good shape so we were able to just rebuild the brick work etc. for the center porch. In respect to the old footings, we dug them out and removed to accommodate installation of the new landscaping and grading from the exterior walls of the house. We also used as much of the original porch materials as possible in the re-build which is evident in the photos.

2) Railings on wings of porch removed. The railing was corroded and damaged, but intact, on the left wing but none attached to the right. The vintage of the railing was undetermined.

3) Columns reduced from 4 to 2. The two interior columns were rotted out and could not be salvaged. The exterior columns were able to be salvaged and re-built/repared.

4) The shutter color was changed from white to green. The shutters were returned to their original color (or at least the last color they were prior to being painted white) We color matched the green to what color was under the white so we're not sure what the exact color is.

5) The railing above the roof over the porch changed from white to black. The same thought process was applied as was to the shutters. The original color of the railing was black. We returned it to its original color. We also restored them to the extent possible as there was a lot of rust, etc.

A list of specific materials used:

Front porch brick manufacturer and color. We used re-claimed brick from I believe Belding Masonry. We took one of the original bricks and matched it to the best extent possible.

Mortar manufacturer and color. We color matched the current mortar of the house.

Porch paint manufacturer and color. I believe it was Behr Premium. It was color matched to the existing white.

Shutter paint manufacturer and color. I believe it was Behr Premium. It was color matched to the original green color.

The area exposed on front of house where porch wings used to be was painted with an effort to color match to the existing brick.

From: David Darkowski [<mailto:DDarkowski@norfolk-homes.com>]
Sent: Tuesday, September 8, 2020 7:48 PM
To: Jennifer Ross <rossj@detroitmi.gov>; Brendan Cagney <cagneyb@detroitmi.gov>
Cc: Daniel Garan <garand@detroitmi.gov>
Subject: [EXTERNAL] RE: 1991 W Chicago

Good Evening Jennifer,

Attached you will find our completed application for approval from the HDC, as it relates to 1991 W Chicago. Based on the poor condition of the front porch, we were forced to demolish portions of it, to make it safe, as required by the Detroit Land Bank. We do understand that we did not received HDC approval, prior to the demo, however, it is our intention to work with the HDC to resolve any concerns that they may have. The Building Department has currently ticketed us for removal of the porch without HDC and the Building Department approval, if possible, we would like to receive approval from the HDC for the demolition work (since it's completed), so that we can clear up that item, while we work to a resolution on the balance of the approval by the HDC.

I would welcome the opportunity to meet with you to discuss the work that's been completed thus far, and where we go from here.

Please let me know your availability. I'd also like to bring my contractor with me as well.

Thank you so much for the help.

David Darkowski
Normandy Properties
734.368.8663 Mobile
734.545.8546 Direct
734.408.0780 Fax

1991 West Chicago Boulevard

02/20/2020

Detroit, Michigan

OWNER
NORMANDY PROPERTIES LTD

Index

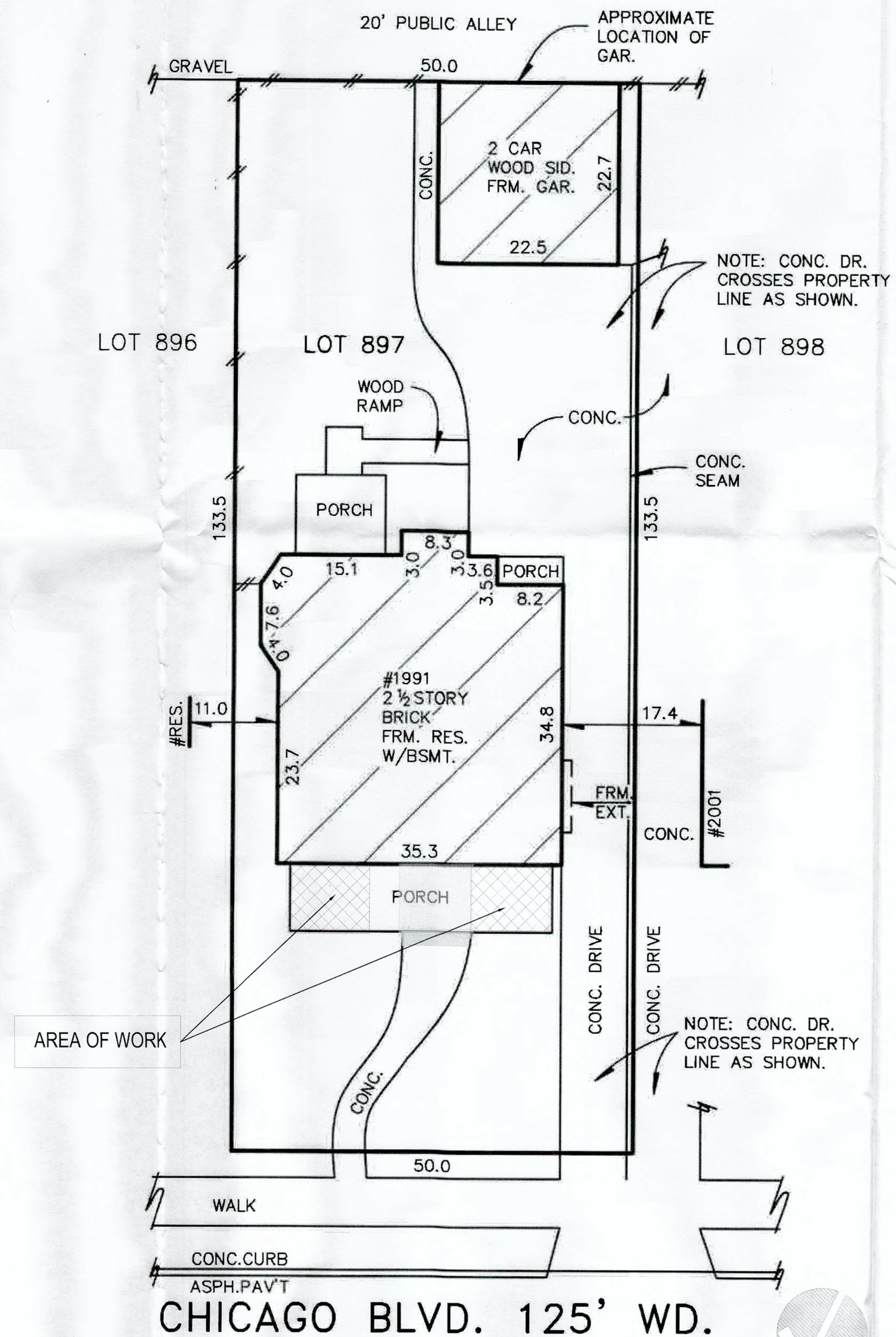
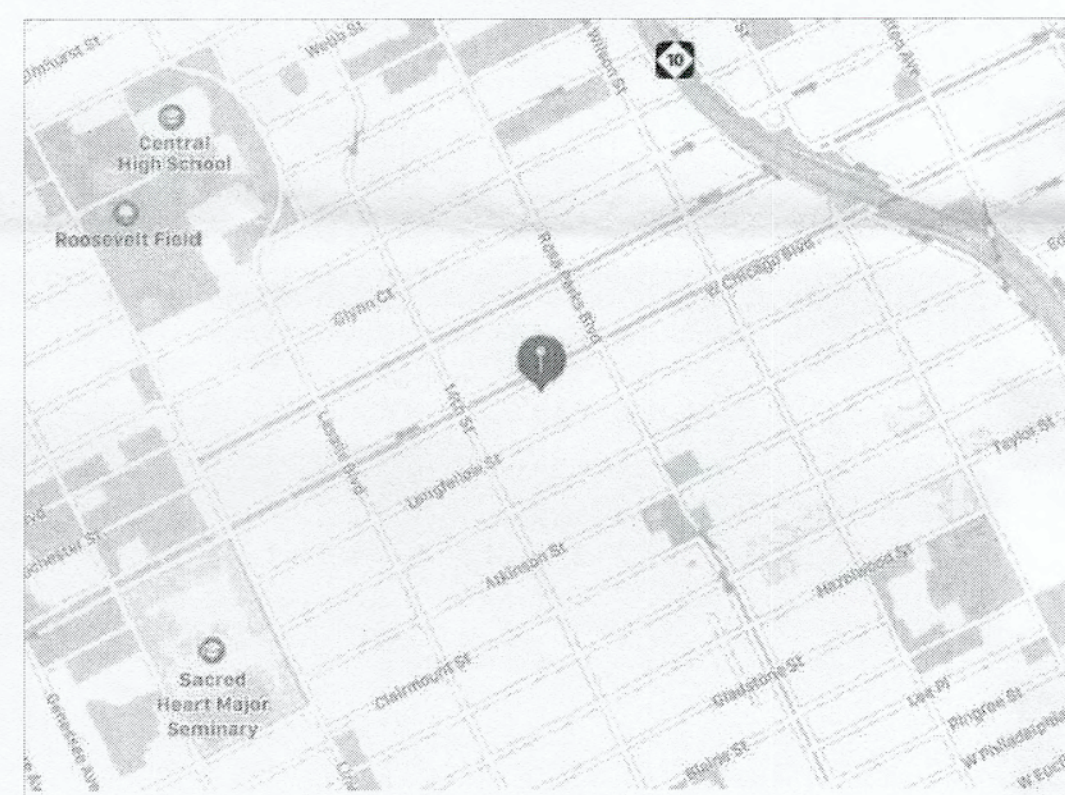
- A1.0 INDEX, SITE PLAN
- A1.1 PARTIAL PLANS, SECTION, ELEVATIONS

01/10/2020
02/20/2020

Building Data

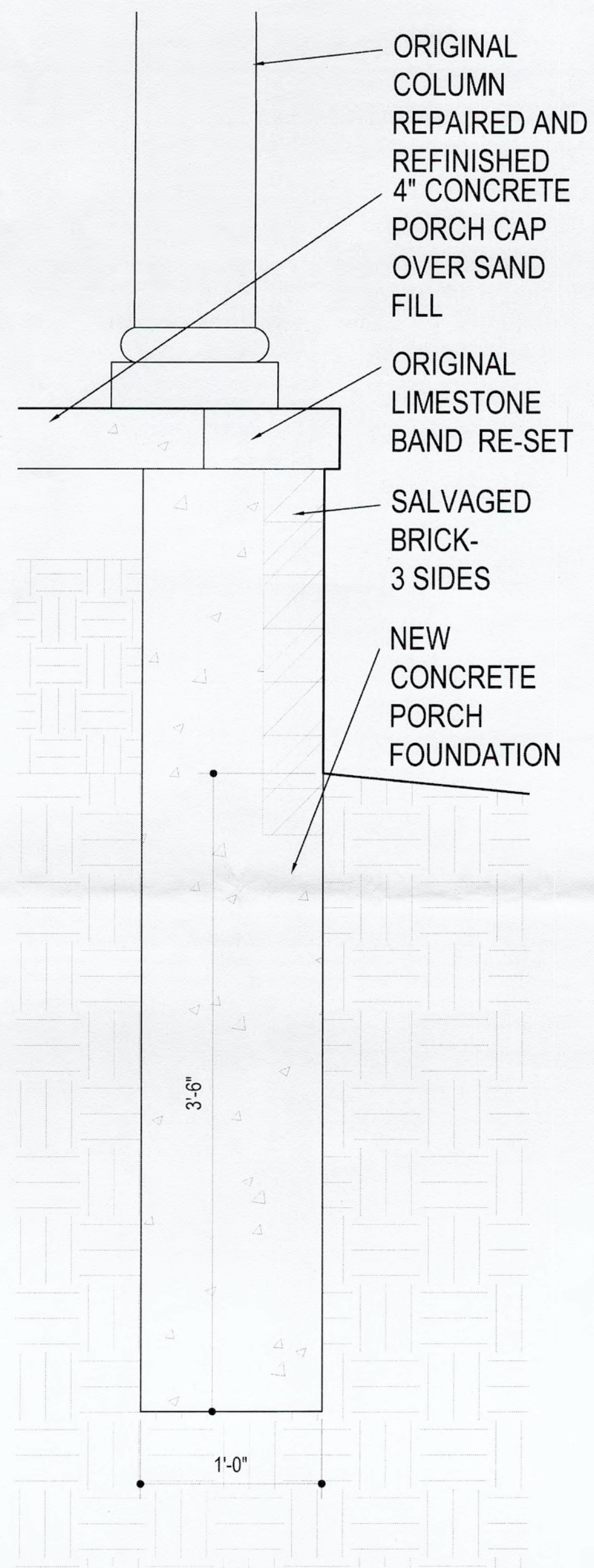
USE GROUP: SINGLE FAMILY HOME
CONSTRUCTION TYPE: V

Location



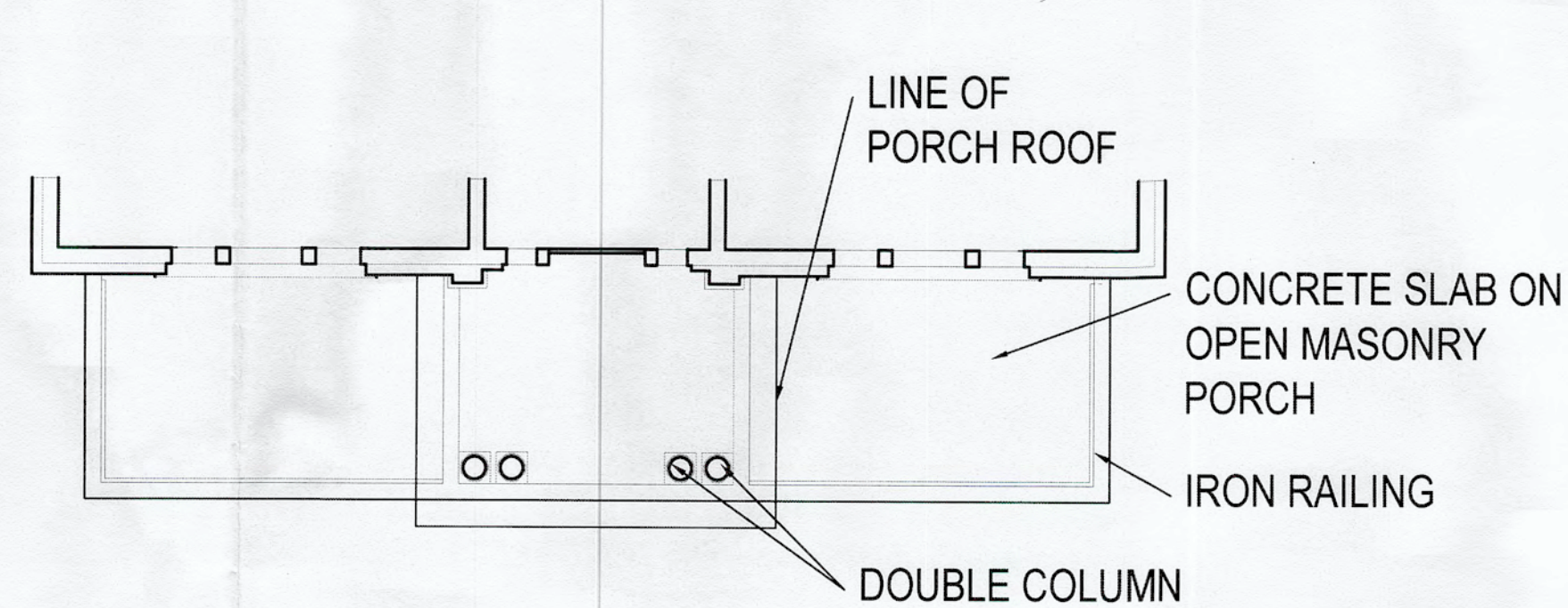
1991 West Chicago Boulevard 02-20-2020

A1.0 INDEX, SITE PLAN



4 PORCH SECTION
A1.1 1 1/2"=1'-0" 0 1'-0"

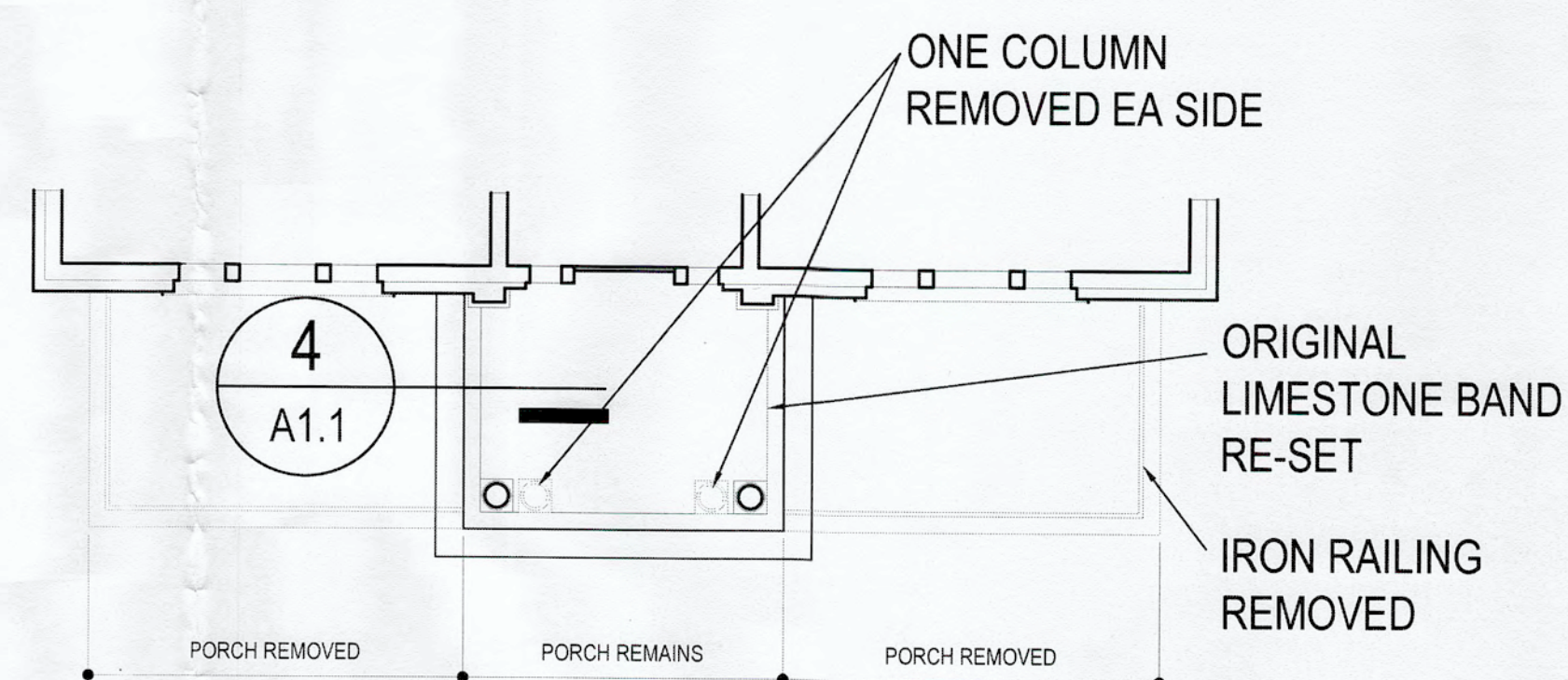
NOTE: FRONT FOUNDATION SIMILAR TO SIDE FOUNDATION WITH RE-USE OF EXISTING CONCRETE FOOTING BELOW GRADE



PARTIAL PLAN - ORIGINAL CONDITION



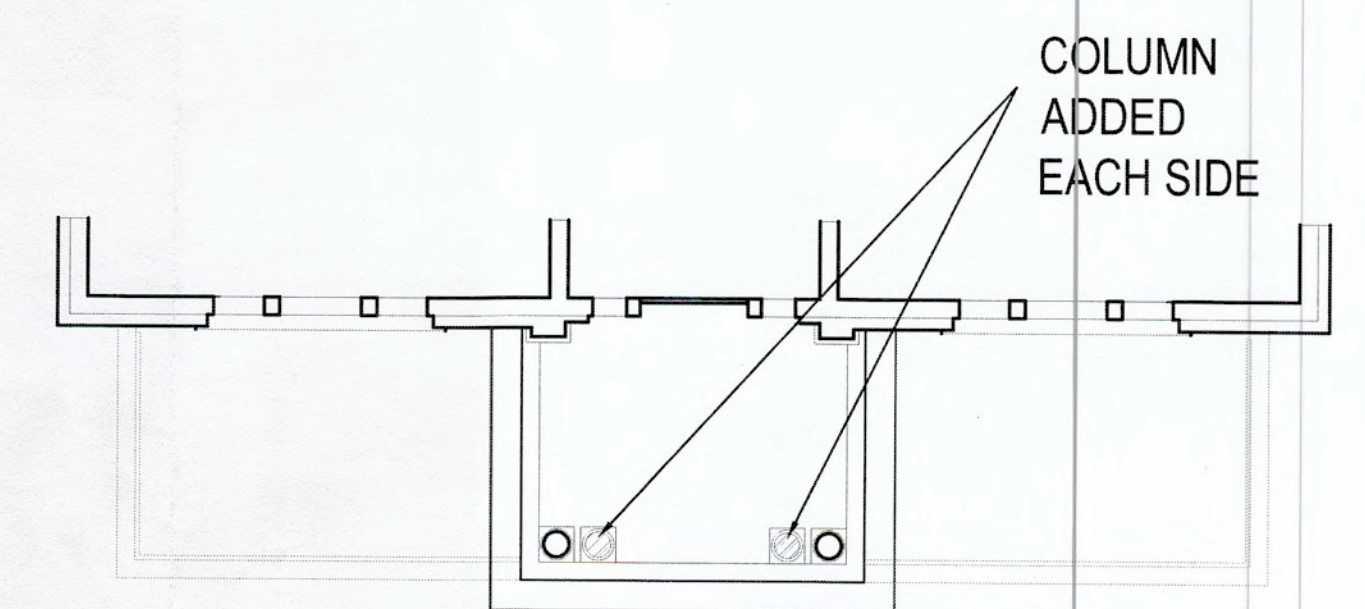
3 NORTH ELEVATION - ORIGINAL CONDITION
A1.1 3/16"=1'-0" 0 6'-0"



PARTIAL PLAN - 2017 ALTERATIONS



2 NORTH ELEVATION - 2017 ALTERATIONS
A1.1 3/16"=1'-0" 0 6'-0"



PARTIAL PLAN - 2020 ALTERATIONS



1 NORTH ELEVATION - PROPOSED 2020 ALTERATIONS
A1.1 3/16"=1'-0" 0 6'-0"

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI



North/ Front Elevation



South/ Rear Elevation

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI



West/ Right Elevation

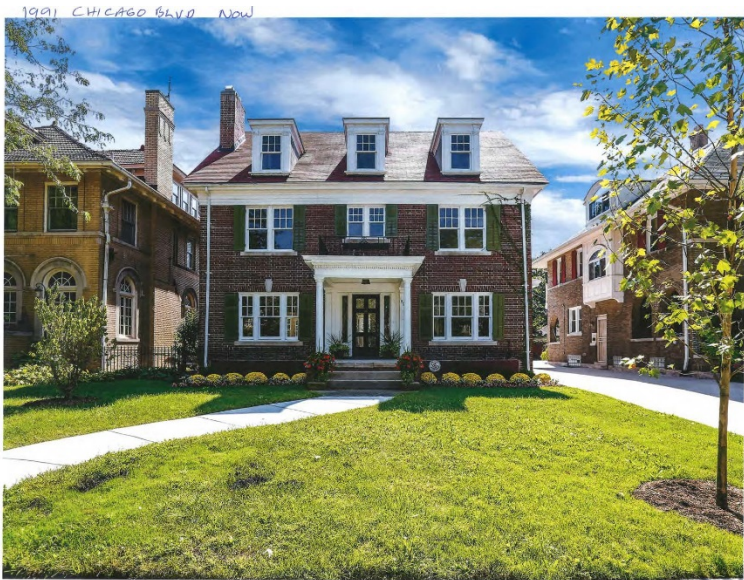


East/ Left Elevation

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI



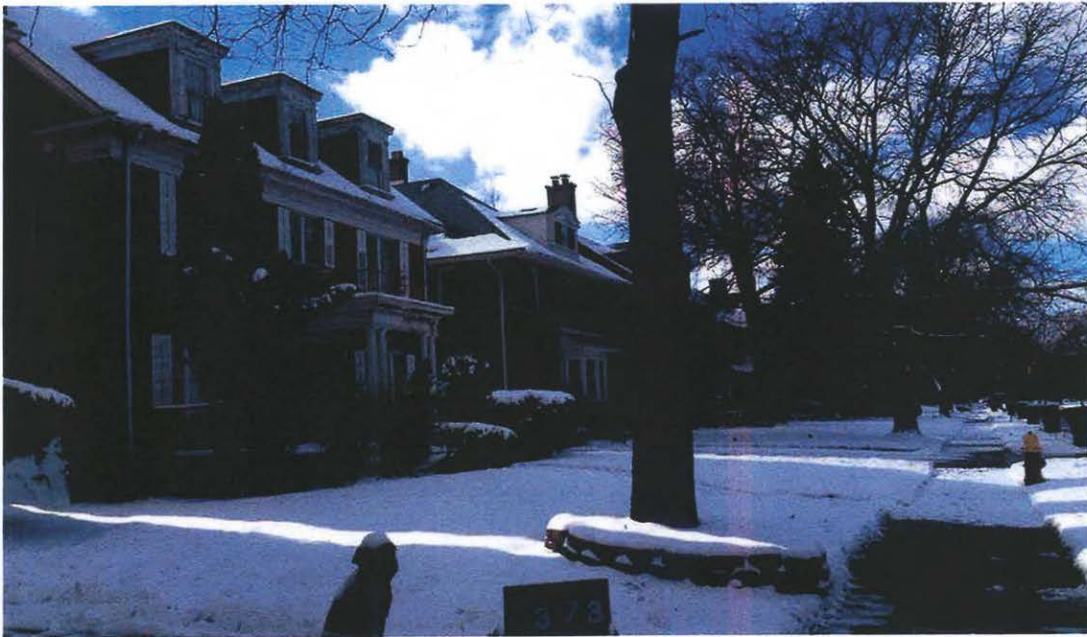
North/Front Elevation (BEFORE) 1974



North/Front Elevation (AFTER) 2020

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI

1991 CHICAGO BLVD 2017



North/Front Elevation (BEFORE) 2017

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI



Front Porch Detail (BEFORE) 2017



Front Porch Detail (AFTER) 2020

APPLICANT PHOTOS: 1991 Chicago, Detroit, MI

1991 CHICAGO BLVD NOW



Front Porch Details (AFTER) 2020

9/8/2020 *1991 CHICAGO BLVD NOW* IS7af4bb8f6f1000000000.webp (1024*682)



Rear Elevation 2020

STAFF SITE VISIT PHOTOS: 1991 Chicago, Detroit, MI

OCTOBER 1, 2020



North/ Front Elevation

STAFF SITE VISIT PHOTOS: 1991 Chicago, Detroit, MI

OCTOBER 1, 2020



Northwest/ Front-Right Elevation

STAFF SITE VISIT PHOTOS: 1991 Chicago, Detroit, MI

OCTOBER 1, 2020



Northeast/ Front-Left Elevation

Rear Elevation 2020



DSI Columns®

COMPOSITE
& FIBERGLASS

Beautiful. Durable. Structural



MADE
IN THE
USA 

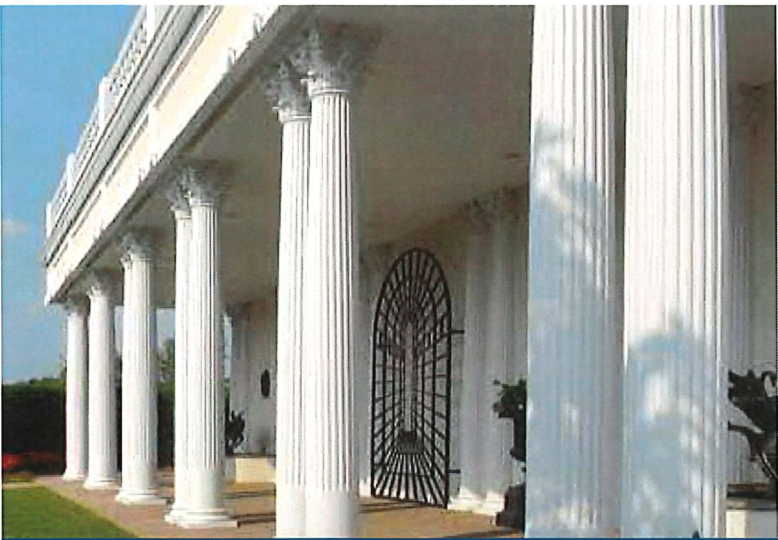


Since 1984, Digger Specialties, Inc. (DSI) has manufactured the highest quality building materials in the industry.

DSI is constantly improving and innovating to bring better products to the marketplace, including Composite and Fiberglass Columns.

Composite and Fiberglass Columns are available in three different finishes to meet your installation and design needs. The Standard, ready to paint column, comes in a mill finish ready for finishing and painting. The Caulk-N-Walk column is ready to install just caulk and walk away. The Pre-Finished Column provides both beauty and durability. Our innovative state of the art coating process provides a ready to install column, including coated capital and base, which eliminates the need for onsite prep and painting.

All Composite and Fiberglass Column products feature heavy duty packaging to resist transit and jobsite damage and are backed by a Lifetime Limited Warranty. DSI offers the first Pre-Finished Architectural Coated Column Warranty in the industry.



COMPOSITE

ROUND

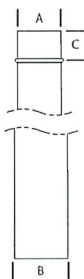
COLUMNS



Tuscan Columns

are one of the most recognizable architectural elements in the world. From the historical cities of Europe to the cities and towns of the United States, these columns and their elegant style are celebrated by architects the world over.

Round Columns are available in smooth tapered and non-tapered and fluted tapered.



- A** Top Outside Diameter
- B** Bottom Outside Diameter
- C** Neck Ring Height

ROUND SMOOTH TAPERED

Column Size	Outside Diameter Top (A)	Inside Diameter Top	Outside Diameter Bottom (B)	Inside Diameter Bottom	Taper from Bottom	Material Thickness	Neck Ring Height (C)
6" x 8'	5 1/8"	4 3/8"	6"	5 1/4"	45"	3/8"	4"
8" x 5'	6 1/8"	5 3/8"	7 5/8"	6 7/8"	15"	3/8"	5"
8" x 6'	6 1/8"	5 3/8"	7 5/8"	6 7/8"	27"	3/8"	5"
8" x 8'	6 1/8"	5 3/8"	7 5/8"	6 7/8"	31"	3/8"	5"
8" x 9'	6 1/8"	5 3/8"	7 5/8"	6 7/8"	26"	3/8"	5"
8" x 10'	6 1/8"	5 3/8"	7 5/8"	6 7/8"	38"	3/8"	5"
10" x 6'	8"	7 1/4"	9 5/8"	8 7/8"	6"	3/8"	5 7/8"
10" x 8'	8"	7 1/4"	9 5/8"	8 7/8"	30"	3/8"	5 7/8"
10" x 9'	8"	7 1/4"	9 5/8"	8 7/8"	24"	3/8"	5 7/8"
10" x 10'	8"	7 1/4"	9 5/8"	8 7/8"	36"	3/8"	5 7/8"
10" x 12'	8"	7 1/4"	9 5/8"	8 7/8"	62"	3/8"	5 7/8"
12" x 6'	9 3/8"	8 5/8"	11 1/2"	10 3/4"	8"	3/8"	7 3/4"
12" x 8'	9 3/8"	8 5/8"	11 1/2"	10 3/4"	32"	3/8"	7 3/4"
12" x 9'	9 1/2"	8 3/4"	11 1/2"	10 3/4"	29"	3/8"	7 3/4"
12" x 10'	9 1/2"	8 3/4"	11 1/2"	10 3/4"	41"	3/8"	7 3/4"
12" x 12'	9 5/8"	8 7/8"	11 5/8"	10 7/8"	40"	3/8"	7 3/4"
12" x 14'	9 5/8"	8 7/8"	11 5/8"	10 7/8"	48"	3/8"	7 3/4"
12" x 16'	9 5/8"	8 7/8"	11 5/8"	10 7/8"	72"	3/8"	7 3/4"
14" x 8'	12"	11 1/4"	13 7/8"	13 1/8"	22"	3/8"	8 1/8"
14" x 9'	12"	11 1/4"	13 7/8"	13 1/8"	34"	3/8"	8 1/8"
14" x 10'	12"	11 1/4"	13 7/8"	13 1/8"	46"	3/8"	8 1/8"
14" x 12'	12"	11 1/4"	14"	13 1/4"	26"	3/8"	8 1/8"
14" x 14'	12"	11 1/4"	14"	13 1/4"	50"	3/8"	8 1/8"
14" x 16'	12"	11 1/4"	14"	13 1/4"	74"	3/8"	8 1/8"
14" x 18'	12"	11 1/4"	14"	13 1/4"	98"	3/8"	8 1/8"
16" x 8'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	31"	1/2"	8 1/2"
16" x 9'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	43"	1/2"	8 1/2"
16" x 10'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	55"	1/2"	8 1/2"
16" x 12'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	36"	1/2"	9"
16" x 14'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	60"	1/2"	9"
16" x 16'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	84"	1/2"	9"
16" x 18'	13 3/4"	12 3/4"	15 3/4"	14 3/4"	108"	1/2"	9"
18" x 8'	15 3/8"	14 3/8"	17 1/4"	16 1/4"	12"	1/2"	11 5/8"
18" x 9'	15 3/8"	14 3/8"	17 1/4"	16 1/4"	24"	1/2"	11 5/8"
18" x 10'	15 3/8"	14 3/8"	17 1/4"	16 1/4"	36"	1/2"	11 5/8"
18" x 12'	15 3/8"	14 3/8"	17 1/4"	16 1/4"	60"	1/2"	11 5/8"
18" x 14'	15 1/4"	14 3/8"	17 5/8"	16 3/8"	28"	1/2"	11 1/2"
18" x 16'	15 1/4"	14 1/4"	17 5/8"	16 3/8"	60"	1/2"	11 1/2"
18" x 18'	15 1/4"	14 1/4"	17 5/8"	16 3/8"	84"	1/2"	11 1/2"
18" x 20'	15 1/4"	14 1/4"	17 5/8"	16 3/8"	108"	1/2"	11 1/2"
20" x 12'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	0"	1/2"	10 1/8"
20" x 14'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	17"	1/2"	10 1/8"
20" x 16'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	41"	1/2"	10 1/8"
20" x 18'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	65"	1/2"	10 1/8"
20" x 20'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	89"	1/2"	10 1/8"
20" x 22'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	113"	1/2"	10 1/8"
20" x 24'	16 3/8"	15 3/8"	19 3/4"	18 3/4"	137"	1/2"	10 1/8"
24" x 14'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	10"	1/2"	12 1/8"
24" x 16'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	34"	1/2"	12 1/8"
24" x 18'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	58"	1/2"	12 1/8"
24" x 20'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	82"	1/2"	12 1/8"
24" x 22'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	106"	1/2"	12 1/8"
24" x 24'	19 3/4"	18 3/4"	23 3/4"	22 3/4"	130"	1/2"	12 1/8"

AVAILABLE IN ■ Caulk-N-Walk® ■ Plumb Perfect® (kit included) ■ Plumb Perfect® (kit sold separately) ■ Split-Fit® ■ Pilaster ■ Pre-Finished ■ Standard

◆ Column, Capital and Base all in one box ● Seamless Column, except for Split-Fit®

LOAD BEARING: Visit dsicolumns.com for testing information

ROUND CAPITALS

Our standard Tuscan capitals are cast from the same rock hard composite material as our column shaft assuring maximum durability. Although casting capitals from this material requires extra attention to detail, we think you will agree it is worth the effort.

Most sizes of the Tuscan Tapered Capitals are made from Polyurethane. And some sizes are made utilizing a patented process to create a **Snug-Fit** capital. The Polyurethane capital is created with a foam ring for a snug-fit. This capital eliminates the need to purchase a backer rod to close the gap that can occur between the column shaft and the capital. Snug-Fit capitals do not require pilot holes.



NON-TAPERED TUSCAN CAPITALS

Column Size	Width	Height	Inside Diameter	Diagonal
8"	9 1/8"	2 1/2"	7 11/16"	13"
10"	12 1/4"	3 1/8"	9 7/8"	17 5/16"
12"	14"	3 1/2"	11 3/4"	20"
14"	16 3/4"	3 1/2"	14 1/8"	23 3/4"
16"	19 1/16"	5 1/8"	16 1/4"	27"

TAPERED TUSCAN CAPITALS

Column Size	Width	Height	Inside Diameter	Diagonal
Polyurethane				
6"	8"	2 1/4"	5 1/4"	11"
8"	9 1/8"	2 1/2"	6 1/4"	13"
10"	12 1/4"	3 1/2"	8 1/8"	17-5/16"
12"	14"	4 1/2"	9 5/8"	20"
14"	16 3/4"	4 1/2"	12 1/8"	23 3/4"
16"	19 1/16"	5 1/8"	14"	27"
Composite				
18"	21 1/4"	5 3/4"	15 3/4"	30"
20"	24 3/8"	5 5/8"	16 3/4"	34 1/2"
24"	27 3/4"	7 5/8"	20 1/2"	39 1/4"

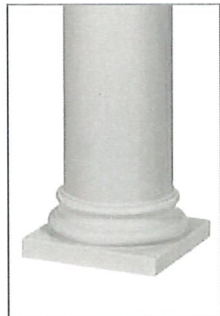
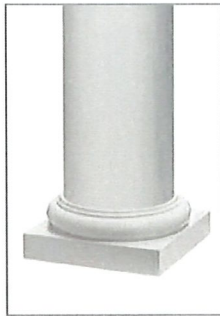


AVAILABLE IN ■ Caulk-N-Walk® ■ Plumb Perfect® (kit included) ■ Plumb Perfect® (kit sold separately) ■ Split-Fit® ■ Pilaster ■ Pre-Finished ■ Standard
▲ Snug-Fit Capital

Patent # US 8,424,259 B2

ROUND BASES

Standard Doric bases and optional Attic bases are made from the same material as our column shafts assuring maximum durability. This material provides superior performance withstanding punishment from snow shovels, weed eaters, pressure washers and general wear and tear.

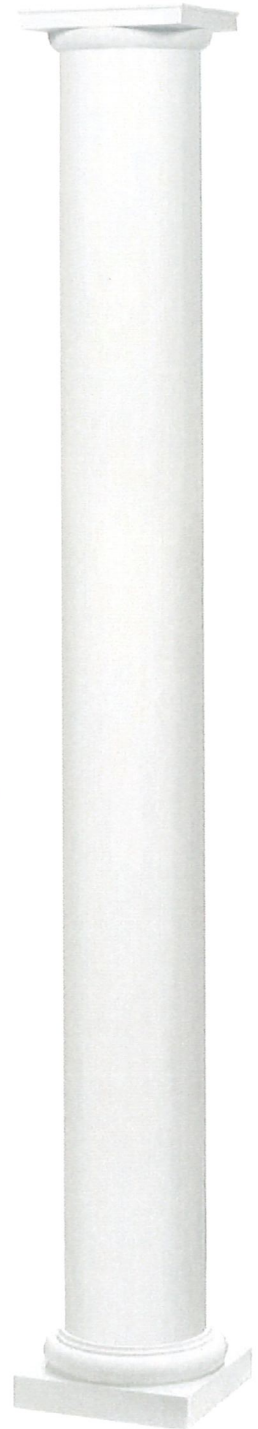


DORIC BASES*

Column Size	Width	Height	Inside Diameter	Diagonal
6"	8"	3"	6 1/4"	11 1/4"
8"	10"	4 1/8"	7 11/16"	14"
10"	13 1/8"	5 5/8"	9 7/8"	18 15/16"
12"	15 3/8"	6 5/16"	11 3/4"	21 3/4"
14"	18 5/8"	7 1/4"	14 1/8"	26 5/16"
16"	21 1/4"	8 1/8"	16 1/4"	30 1/16"
18"	24"	9 1/4"	18"	33 7/8"
20"	26 1/2"	11"	20 1/8"	37 5/8"
24"	32 1/4"	13 1/2"	24"	45 5/8"

ATTIC BASES

Column Size	Width	Height	Inside Diameter	Diagonal
8"	10 3/8"	4 5/8"	7 3/4"	14 5/8"
10"	13"	5 5/8"	9 7/8"	18 3/8"
12"	15 7/8"	6 3/8"	12"	22 1/2"
14"	19 1/4"	8 3/8"	14 3/8"	27 1/4"
16"	21"	8 3/4"	16"	29 1/2"
18"	24"	10 1/4"	17 3/4"	34"



AVAILABLE IN ■ Caulk-N-Walk® ■ Plumb Perfect® (kit included) ■ Plumb Perfect® (kit sold separately) ■ Split-Fit® ■ Pilaster ■ Pre-Finished ■ Standard

*Use Doric Base as the Capital for Non-Tapered 18", 20", and 24" Columns.

PACKAGING

Nothing increases the cost of a project more than delays. Delays can occur when the column arrives damaged, or the capital and base sets are separated from the order.

DSI takes great care in packaging our Columns. Most sizes are packaged with the complete shaft, capital, and base in one box. The column shaft is "cradled" in the box with foam rings to resist damage.

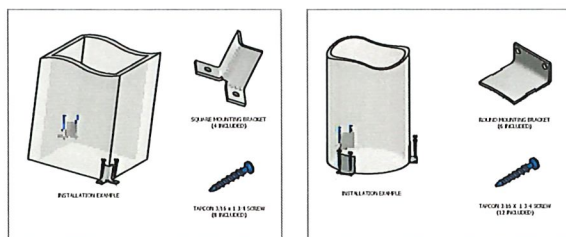


INSTALLATION KITS AND HARDWARE

OPTIONAL BRACKET KITS

Optional bracket kits contain 6 round brackets or 4 square brackets and screws.

The Round and Square Bracket Kits assist in the prevention of column kick-out.



OPTIONAL SPLIT-FIT® REASSEMBLY KITS

Optional Split-Fit® Reassembly kits include Adhesive Cartridge with Adapter and (1) Roll of 3M/Scotch Bonding Tape.



TECHNICAL PRODUCT DATA

LOAD-BEARING SPECIFICATIONS

Load-Bearing specifications are listed on the DSI Website, dsicolumns.com.

Load limits are specific to a product's diameter or profile and predicated on 100% coverage at the top and bottom of a column.

FIRE RATED PRODUCT

DSI has fire rated products available upon request. Our fire rated products have received Class A Certification through testing for flame spread and smoke developed standards set forth in the ASTM E84 Test.



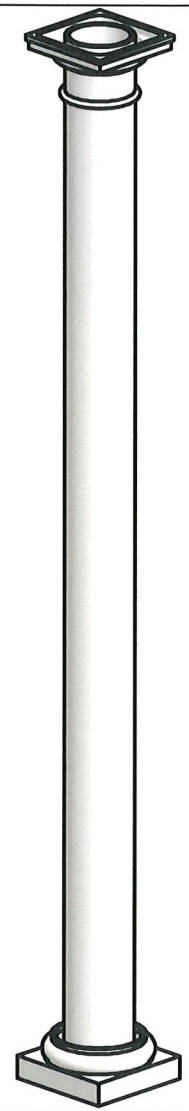
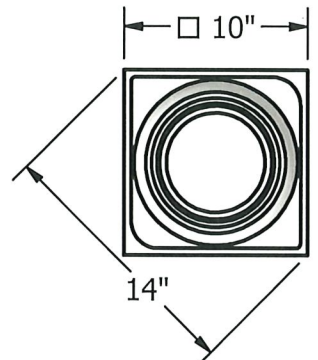
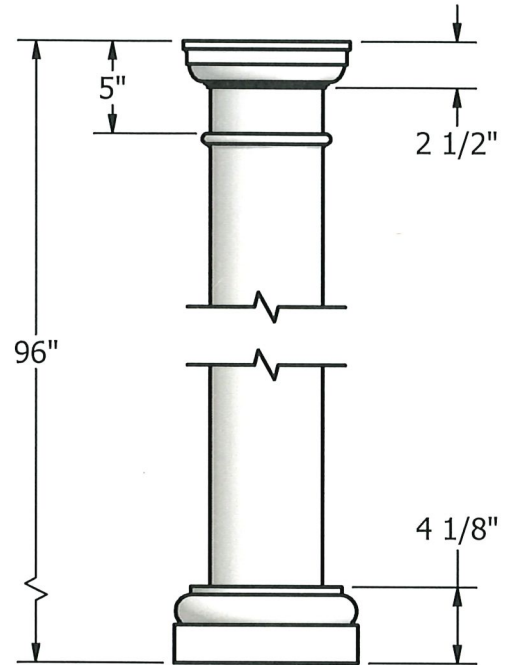
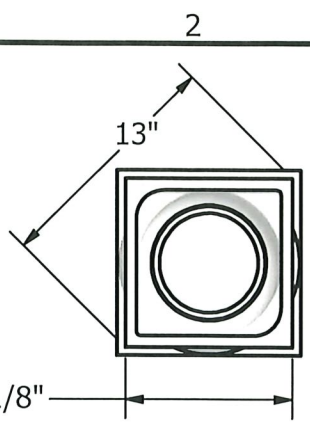


Composite & Fiberglass Column Load Ratings


Model	Size	Length	Tested Height	Ultimate Load
Square Smooth Composite Columns were tested using Concentric Loading				
Square Smooth	6"	8' & 9'	9'	40,000 lbf
Square Smooth	8"	8', 9', & 10'	10'	44,000 lbf
Square Smooth	10"	8', 9', & 10'	10'	40,000 lbf
Square Smooth	12"	8', 9', 10', & 12'	12'	61,000 lbf
Round Smooth Tapered Composite Columns were tested using Concentric Loading				
Round Smooth Tapered	6"	6', 7', & 8'	8'	41,000 lbf
Herculite Square Smooth Pultruded Fiberglass Columns were tested using Eccentric Loading				
Herculite Square Smooth	8"	8', 9', & 10'	10'	28,829 lbf
Herculite Square Smooth	10"	8', 9', & 10'	10'	28,160 lbf
Herculite Square Smooth	12"	8', 9', 10', & 12'	12'	39,303 lbf
Round Smooth Tapered larger than 6" Composite Columns were tested using Eccentric Loading				
Round Smooth Tapered	8"	8'	8'	27,000 lbf
Round Smooth Tapered	8"	9'	9'	27,000 lbf
Round Smooth Tapered	8"	10'	10'	22,000 lbf
Round Smooth Tapered	10"	8'	8'	25,000 lbf
Round Smooth Tapered	10"	9'	9'	43,000 lbf
Round Smooth Tapered	10"	10'	10'	38,000 lbf
Round Smooth Tapered	12"	8'	8'	32,000 lbf
Round Smooth Tapered	12"	9'	9'	36,000 lbf
Round Smooth Tapered	12"	10'	10'	50,000 lbf


Weight values are ultimate load - Safety factors have not been applied to this value.

- NOTES:**
1. MATERIAL: FIBERGLASS REINFORCED POLYMER (FRP)
 2. WEIGHT: COLUMN: 56 Lbs.
CAP: 2.5 Lbs.
BASE: 4.5 Lbs.
 3. MATERIAL THICKNESS.
COLUMN: 3/8"
 4. INSIDE DIAMETER AT TOP OF COLUMN: 5 3/8"
 5. OUTSIDE DIAMETER AT TOP OF COLUMN: 6 1/8"
 6. INSIDE DIAMETER AT BOTTOM OF COLUMN: 6 7/8"
 7. OUTSIDE DIAMETER AT BOTTOM OF COLUMN: 7 5/8"
 8. TAPER STARTS FROM BOTTOM OF COLUMN: 31"



DRAWN	Bryan Daniels	5/10/2016
CHECKED		
QA		
MFG		
APPROVED		
DIMENSIONS ARE IN INCHES TOLERANCE: ± 1/4"		





TITLE
Fiberglass Tuscan Round, Smooth 8" x 8'

SIZE A		DWG NO	SM0808	REV	03
SCALE	1:10			SHEET 1 OF 1	

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