



COMMISSION OF ARCHITECTURAL REVIEW

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

RECEIVED

PROPERTY (location of work)

Address 1813 W. GRACE ST.

Historic district Monument Avenue.

Date/time received: 5/16/2019
Rec'd by: ME
Application #: BY: CF
Hearing date: 6/25/2019

APPLICANT INFORMATION

Name DANG MINH NGUYEN.

Phone 804 - 819 - 9510

Company _____

Email dangminh19822@yahoo.com
dangminh19822@yahoo.com

Mailing Address 5928 GATE HOUSE DR.

Applicant Type: Owner Agent

GLEN ALLEN, VA 23059

Lessee Architect Contractor

Other (please specify):

OWNER INFORMATION (if different from above)

Name _____

Company _____

Mailing Address _____

Phone _____

Email _____

PROJECT INFORMATION

Review Type: Conceptual Review Final Review

Rehabilitation.

Project Type: Alteration Demolition

New Construction

(Conceptual Review Required)

Project Description: (attach additional sheets if needed) paint color / front porch.

The color in the front will be SW2822.

The porch width: 14', The length: 7'-10"

The column width: 10", The column length: 7'-2"

The metal roof in black color. The front door will be the same in red

The ceiling porch SW6478, porch floor color SW0054

ACKNOWLEDGEMENT OF RESPONSIBILITY

Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and CAR approval. Failure to comply with the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request.

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Applicants proposing major new construction, including additions, should meet with Staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner

Date 05/10/19.



COMMISSION OF ARCHITECTURAL REVIEW

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PROPERTY (location of work)

Address 1813 W. GRACE ST, Richmond VA
 Historic district 23220

Date/time rec'd: _____
Rec'd by: _____
Application #: _____
Hearing date: _____

APPLICANT INFORMATION

Name DANG MINH NGUYEN.
 Company _____
 Mailing Address 5928 Gate House Dr
Glen Allen VA 23059

Phone 804-819-9510
 Email dangminh19822@yahoo.com
 Applicant Type: Owner Agent
 Lessee Architect Contractor
 Other (please specify): _____

OWNER INFORMATION (if different from above)

Name DANG MINH NGUYEN.
 Mailing Address 5928 Gate House Dr
Glen Allen VA 23059

Company _____
 Phone 804-819-9510.
 Email _____

PROJECT INFORMATION

Review Type: Conceptual Review Final Review
 Project Type: Alteration Demolition

New Construction
 (Conceptual Review Required)

Project Description: (attach additional sheets if needed)

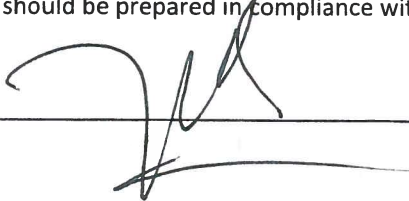
Put the porch back on existing slab.

ACKNOWLEDGEMENT OF RESPONSIBILITY

Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and CAR approval. Failure to comply with the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request.

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Applicants proposing major new construction, including additions, should meet with Staff to review the application and requirements prior to submitting an application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Zoning Requirements: Prior to Commission review, it is the responsibility of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner 

Date 5/31/2019

CLIENT:

DATE:

PROJECT NAME:

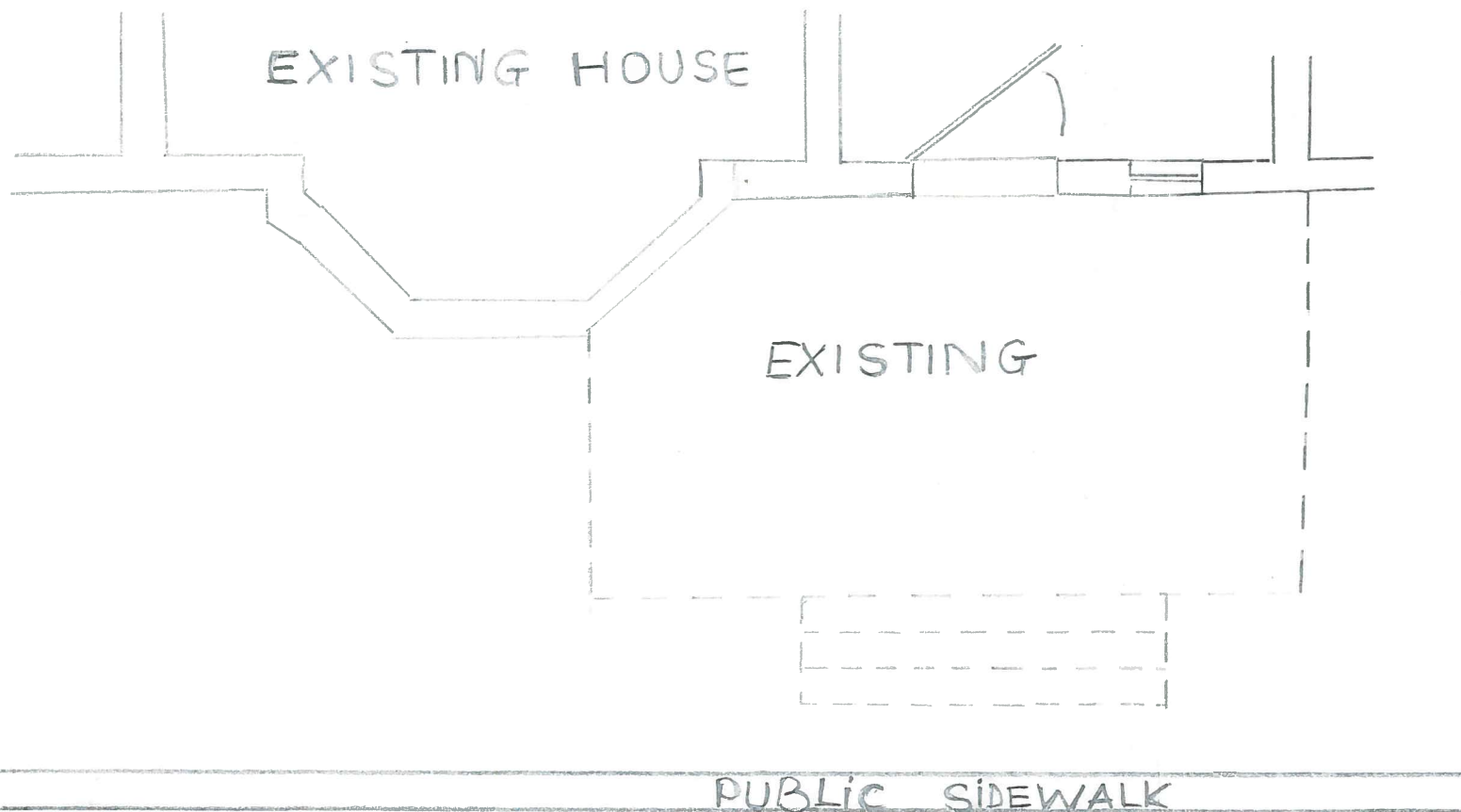
BY:

CKD:

DESCRIPTION:

DWG.:

PROPOSAL
OR JOB NO. _____



1813 W. GRACE STREET

RICHMOND VA 23220

OWNER: DANIG MINH NGUYEN

WILLIAM CROMER

CLIENT:

DATE:

PROJECT NAME:

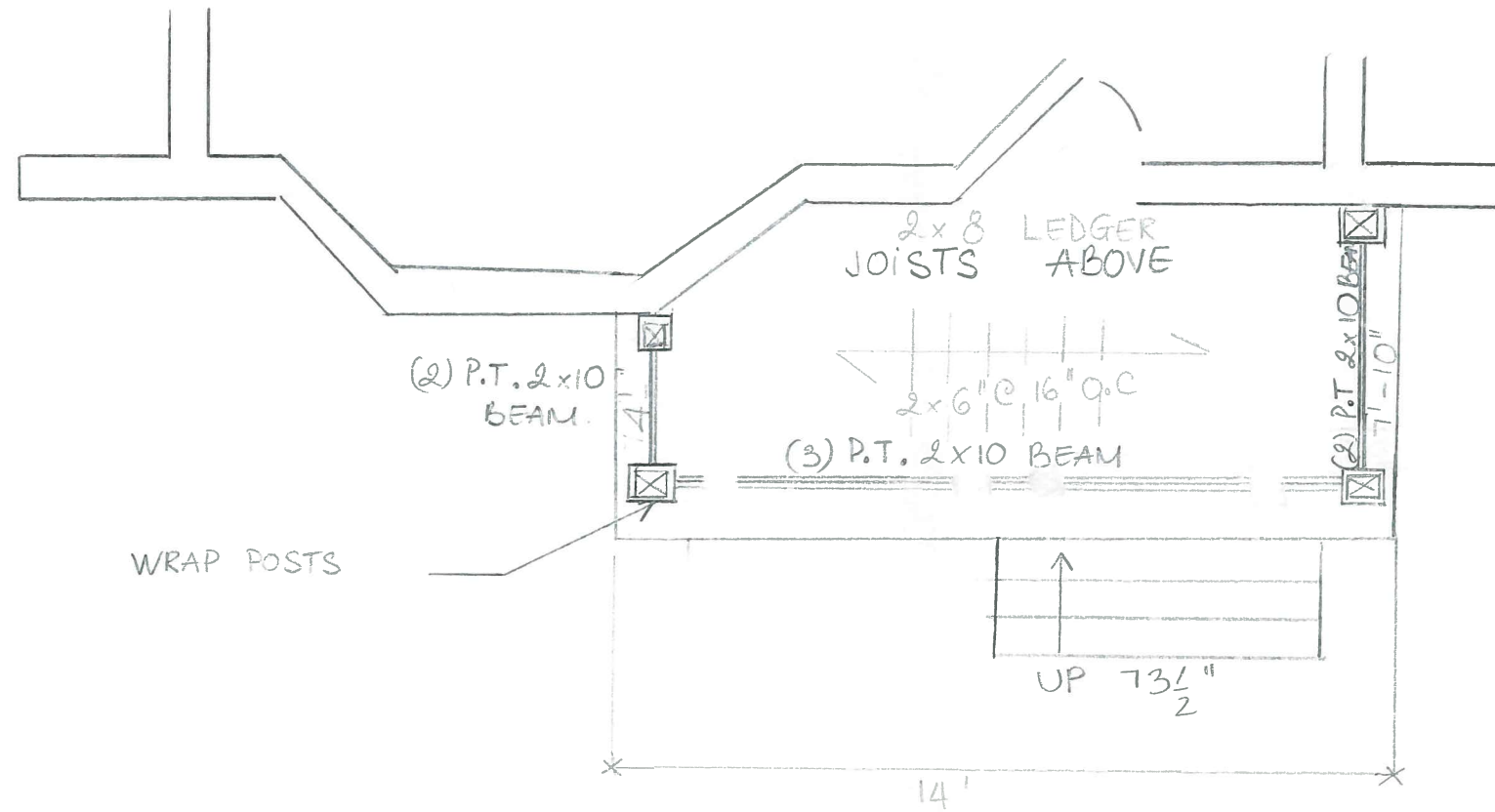
BY:

CKD:

DESCRIPTION:

DWG.:

PROPOSAL
OR JOB NO. _____



PUBLIC SIDEWALK

Porch Plan (New work)

CLIENT:

DATE:

PROJECT NAME:

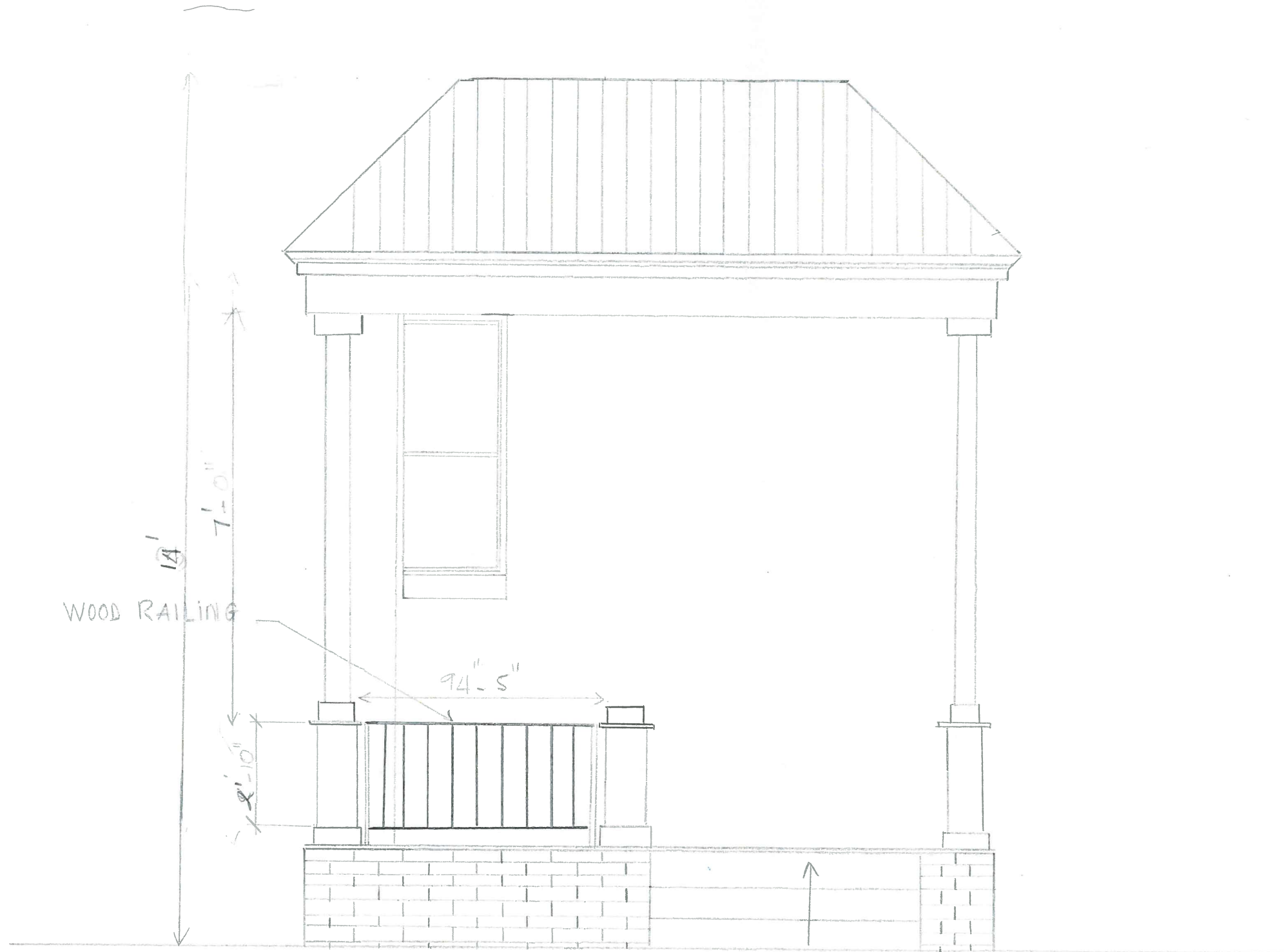
BY:

CKD:

DESCRIPTION:

DWG.:

PROPOSAL
OR JOB NO. _____



LOOKING SOUTH

CLIENT:

PROJECT NAME:

DESCRIPTION:

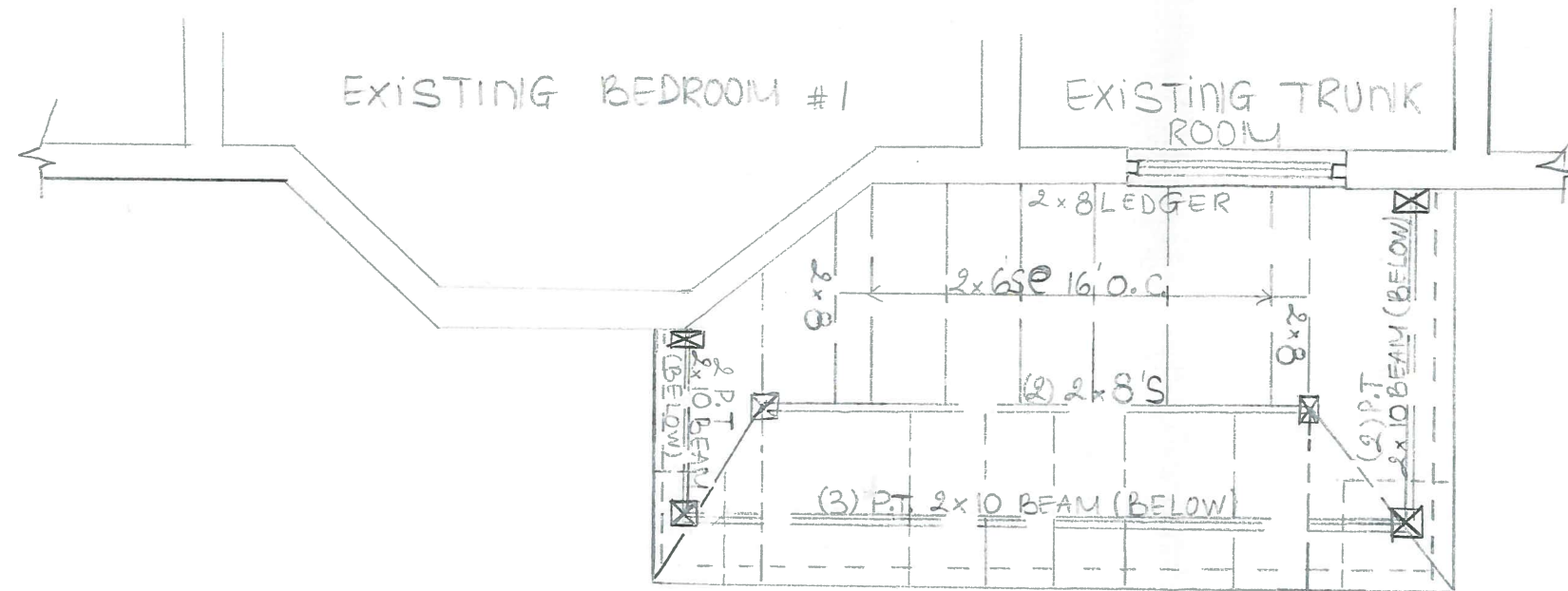
DATE:

BY:

CKD:

DWG.:

PROPOSAL
OR JOB NO. _____



ROOF FRAMING PLAN (NEW WORK)
1813 W. GRACE ST
RICHMOND VA 23220

CLIENT: LOOKING SOUTH

DATE:

PROJECT NAME:

BY:

CKD:

DESCRIPTION:

DWG.:

PROPOSAL OR JOB NO. _____



CLIENT:

PROJECT NAME:

DESCRIPTION:

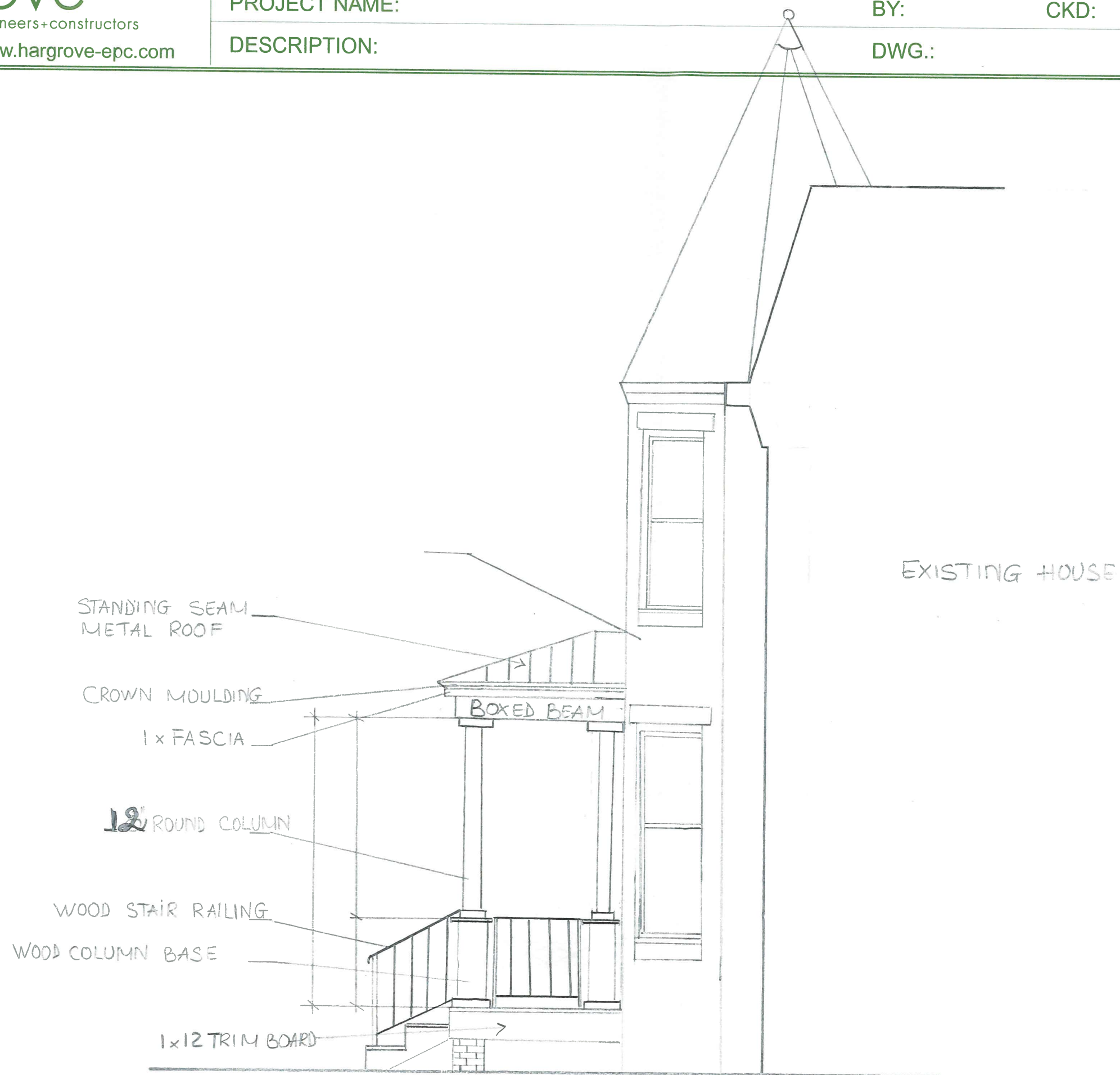
DATE:

BY:

DWG.:

CKD:

PROPOSAL
OR JOB NO. _____



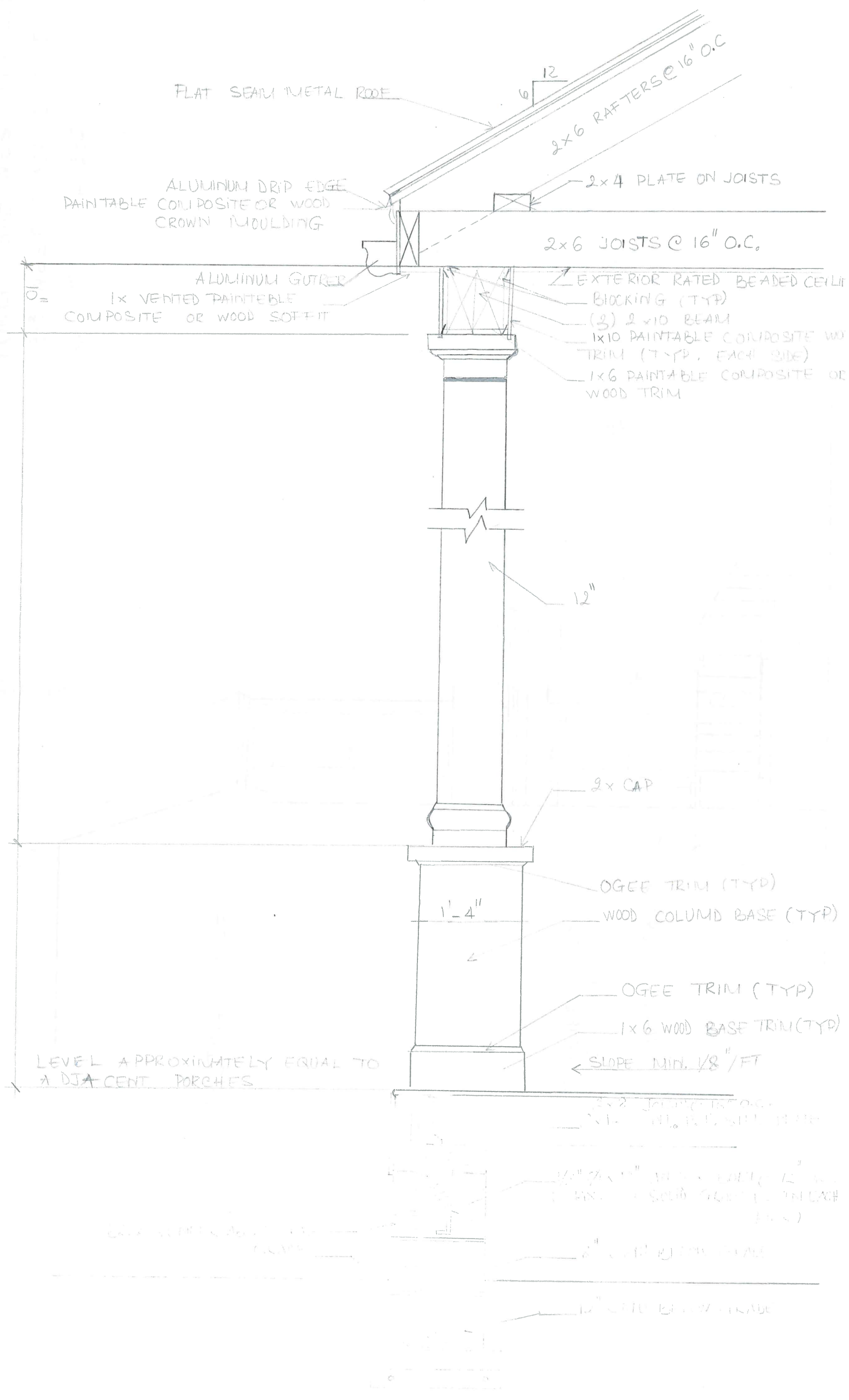
CLIENT: DATE: E

PROJECT NAME: CKD: BY: /

DESCRIPTION: DWG.: /

PROPOSAL OR JOB NO. /

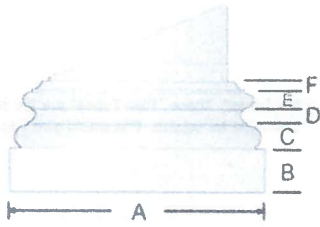
DRAWING SHEET NO. 10
 PROJECT NO. 10



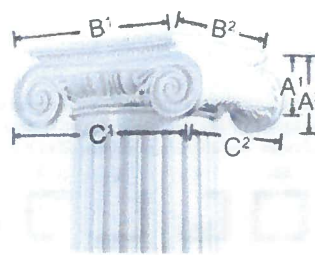
12" Diameter x 96" Overall Height - Round Tapered Custom Fluting (FRP), Smooth Finish - Ready to be Painted, with Roman Ionic Capital and Attic Base

Part Number: ES1209ATCSAATRI

1-800-294-1098 - www.pacificcolumns.com
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 Created on: May 31, 2019



ATTIC BASE



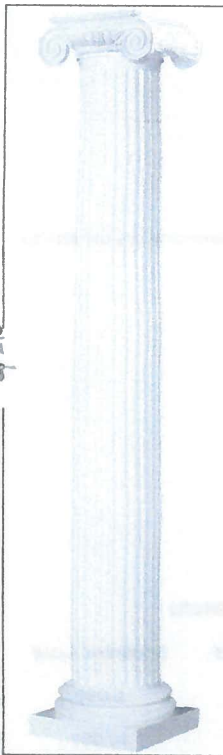
ROMAN IONIC CAPITAL

EnduraStone® FRP Columns with Flame Guard set a new industry standard.

	Flame Spread Index (FSI)	Smoke Developed Index (SDI)
Industry Standard for FRP Columns	70-85	900-1025
Endura-Stone® Columns	15*	335**

*Class 1 Flame-Spread classification under 1997 uniform fire code.
 **Well below the allowable SDI index of 450.

ATTIC BASE						ROMAN IONIC CAPITAL				
Plinth		Torus		Total Height		Height	Abacus Width	Scroll Width	Height Adj. ⁶	
A	B	C	D	E	F	B-F	A ¹ / A ²	B ¹ x B ²	C ¹ x C ²	
16- ¹ / ₈ "	2- ³ / ₄ "	1- ¹ / ₂ "	1- ³ / ₈ "	1"	⁵ / ₈ "	7- ¹ / ₄ "	4- ³ / ₄ " / 6- ¹ / ₂ "	12- ⁷ / ₈ " x 12- ⁵ / ₈ "	16" x 10- ⁷ / ₈ "	0"



COLUMN SPECIFICATIONS

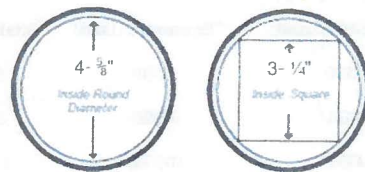
Plan Type A ¹	Trimming from bottom of shaft ²					
Unsplit / Whole	Column Height	w/o Interfering	w/Taper	w/o Interfering	w/Flutes	Load Bearing Capacity ³
	A	B	w/base	E	w/base	
	96"	44- ³ / ₄ "	37- ¹ / ₂ "	8- ¹ / ₄ "	0"	18,000 lbs.

SHAFT SPECIFICATIONS

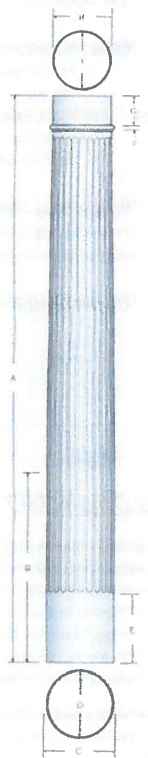
Shaft Bottom		Shaft Top		Fluting Specifications			
Outside	Inside	Outside	Inside	Astragal	Neck Height	Number	Width
C*	D**	H*	I**	F	G		
12"	10- ³ / ₄ "	10"	9- ¹ / ₄ "	³ / ₄ "	5"	24	1"

*Actual outside diameters are approximately 5/16" to 1/2" less than shown
 **Actual inside diameters may vary by 3/8"

OTHER INFORMATION



Material ⁴				Wraps Post Size ⁵		Weight		
Shaft	Capital	Base	Round (Fits up to)	Square (Fits up to)	Shaft	Capital	Base	Total
FRP	FRP	FRP	4- ⁵ / ₈ "	3- ¹ / ₄ "	143.00 lbs.	24.00 lbs.	30.00 lbs.	197 lbs.



EXTERIOR COLUMNS



INTERIOR COLUMNS



SQUARE COLUMNS



COMMERCIAL COLUMNS

ABOUT ENDURA-STONE COLUMN MATERIALS

Endura-Stone™ column shafts are manufactured of one-piece rotocast fiberglass reinforced polymer (FRP) with marble dust. Our proprietary method of manufacturing our column shafts is patented. This one-piece construction, combined with the inherent strength of FRP (pound for pound, FRP is stronger than concrete, steel, or aluminum), provides an exceptionally high load bearing capacity, and a column that is impervious to rot, decay and insect damage. Unlike wood columns, the non-porous, waterproof shafts can be used as channels for downspouts, wiring, and plumbing.

Endura-Stone™ columns include Flame Guard, and were the first in the industry to pass the ASTM E, 84-01 Class 1 Flame-Spread Classification tests, achieving a Flame Spread index of 15, and Smoke Developed Index of 335, well below the allowable SDI index of 450.

Six-inch through twelve-inch diameter (up to twelve foot in height) standard FRP shafts are factory sanded. Larger shafts (and square shafts) may require field-sanding prior to installation. All shafts are shipped unfinished, and need to be finished with a high quality 100% acrylic latex primer and paint.

Standard FRP column shafts are the same height as the listed size. Tuscan and Roman Doric caps and bases, and Attic bases go around the shaft, and do not affect the overall height. Ornamental capitals are set on top of the shaft (after the shaft is trimmed to the astragal), and do affect the overall height: see the Ornamental Capitals for Round Columns specifications for more information.

HELPFUL INFORMATION

1. Plan Types

Endura Series Columns are as unique as the different types of installations that are available. We offer our Endura Series Columns in a wide variety of "Plan Types". These "Plan Types" are the style and type of shaft, capital, and base you will receive. If you are using them as half columns against a wall, you would want to select a "D" plan type for round or "F" plan type for square. This would give you a column that could be installed against a wall. These are the most common plan types, however, we can do custom plan types if your project requires it.



2. Trimming from Bottom of Shaft

i. w/o Interfering w/Taper:

This is the amount that can be trimmed, from the bottom of the column, before it will cut into the taper of the column.

w/base: The base of the column "wraps" around the column shaft. If you are using a base, we recommend this dimension as the maximum amount to trim off the column shaft.

ii. w/o Interfering w/Flutes or Panels:

This is the amount that can be trimmed, from the bottom of the column, before it will cut into the fluting or panels of the column.

w/base: The base of the column "wraps" around the column shaft. If you are using a base, we recommend this dimension as the maximum amount to trim off the column shaft.

3. Load Bearing Capacity

See "Calculated Safe-Load Capacities for Endura-Stone Columns" below for details.

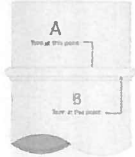
4. Material Information

- i. FRP (Fiberglass Reinforced Polymer):
- ii. Urethane (Polyurethane):
- iii. ABS (Acrylonitrile Butadiene Styrene):
- iv. PVC (Expanded Cellular PVC):
- v. Endura-Glass (Fiberglass):

5. Wraps Post Size

This is the size post this column can wrap around. The column can be ordered in halves to wrap around an existing post, or if you are installing the post and the column at the same time, you can slide the post through the column shaft, capital, and base.

6. Capital Height Adjustment



When using decorative capitals, the top of the shaft needs to be trimmed to give the architecturally correct look.

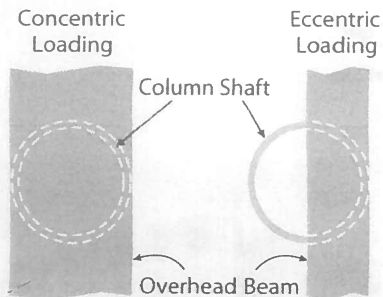
- A. Trim at this point for Empire with Necking, Greek Erechtheum with Necking, Modern Composite, Roman Corinthian and Temple of Winds Capitals.
- B. Trim at this point for Empire, Greek Angular Ionic, Greek Erechtheum, Roman Doric Ornamental, Roman Ionic and Scamozzi Capitals.

CALCULATED SAFE-LOAD CAPACITIES FOR ENDURA-STONE COLUMNS

The sample columns tested supported loads at least four times the calculated value above prior to failure. The load was applied concentrically through the axis of the column. Loads shown are valid only if there is uniform contact between the full area of column ends and the cap & base units. Loads are provided for your convenience only and are not exact values. Consult a structural engineer for the most accurate load estimates.

***Concentric Load:** A load which passes through the centroid of the cross section of a structural member and acts normal to the cross section.

****Eccentric Load:** A load imposed on a structural member at some point other than the centroid of the section.



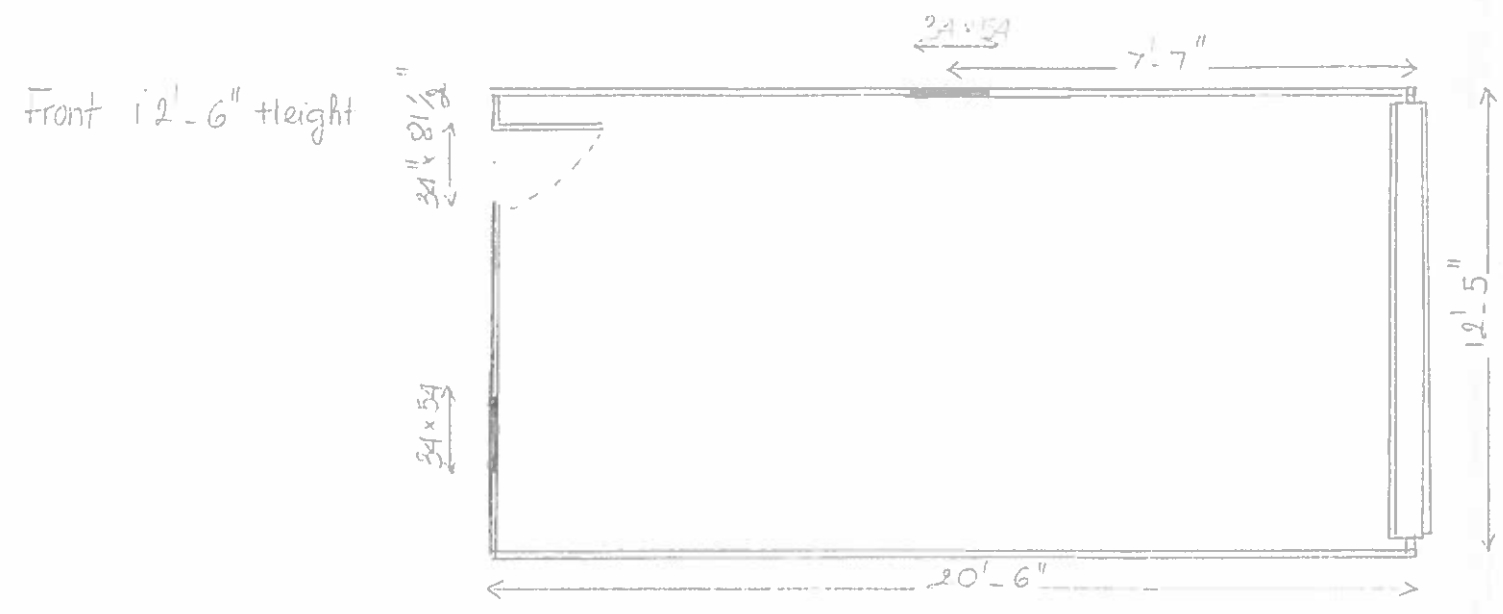
Safe-Load Capacities

Shaft Dia.	Tapered Shafts		Shaft Dia.	Non-Tapered Shafts	
	*Concentric Load	**Eccentric Load		Concentric Load	Eccentric Load
6"	6,000	6,000	6"	6,000	6,000
8"	10,000	6,600	8"	10,000	10,000
10"	14,000	10,720	10"	12,800	11,520
12"	18,000	13,200	12"	18,000	11,520
14"	20,000	11,520	14"	20,000	17,320
16"	20,000	13,200	16"	20,000	13,200
18"	20,000	9,040	18"	20,000	9,040
20"	20,000	18,960	20"	20,000	18,960
24"	20,000	13,200	24"	20,000	13,200



R

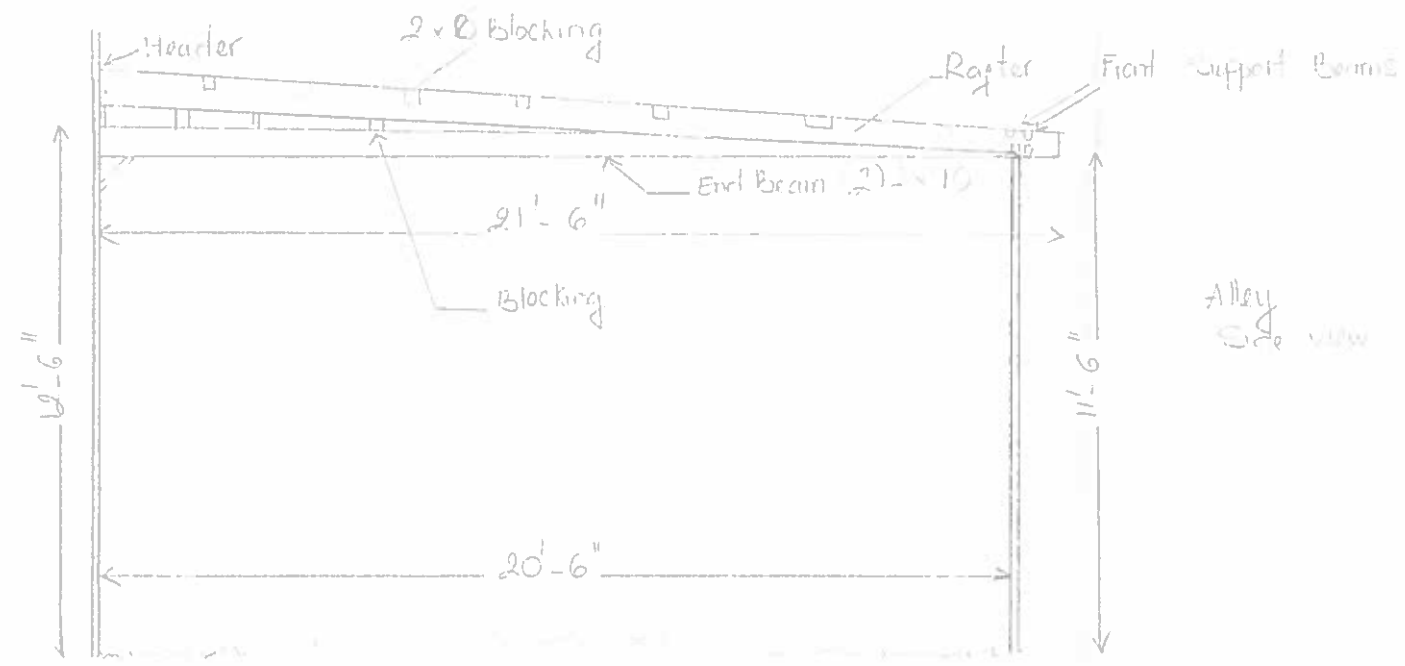
ANCE



Back Alley 11'-6" Height

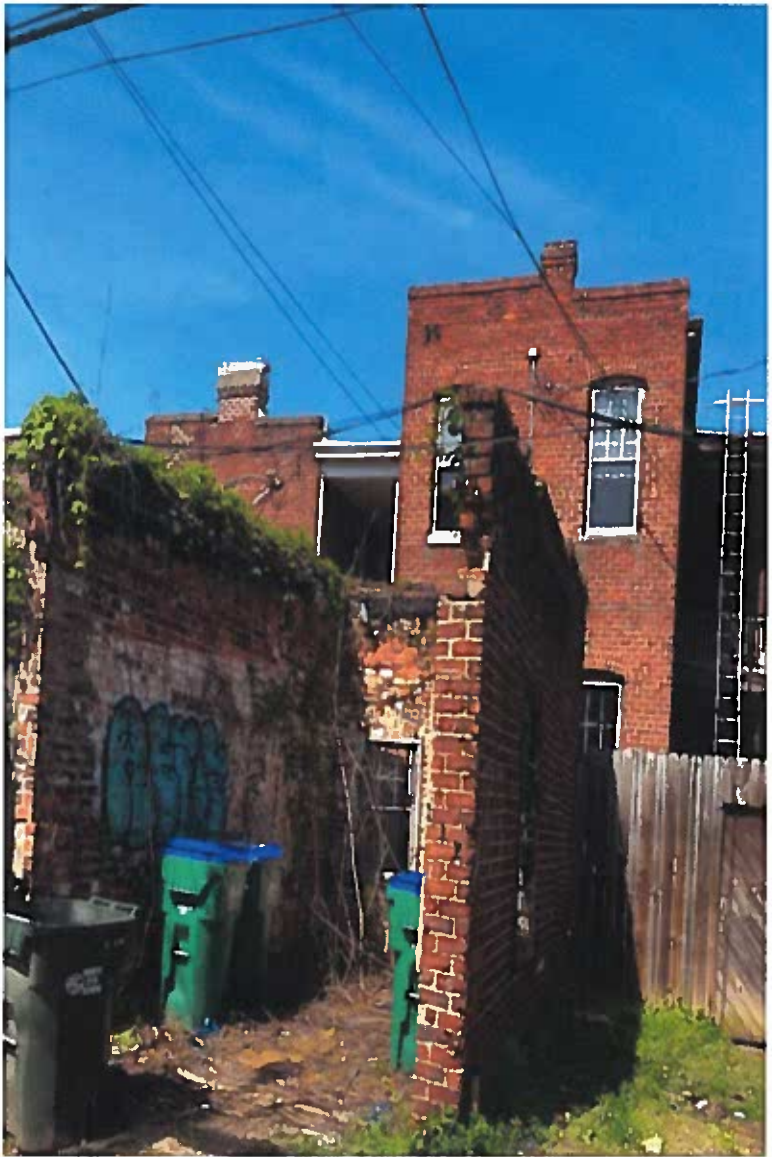
The window will be fixed to match historic
 Retail Key
 white door
 Keep old concrete floor (keep the back door)

1813 W. GRACE ST
 RICHMOND, VA 23220



Alley Side view

	(2)	2x10 BEAM		
		2x6		
		2x6		
	2x10	2x6	2x10	(3)PT 2x10 BEAM (ABOVE)
	(2)	2x10 BEAM (ABOVE)		



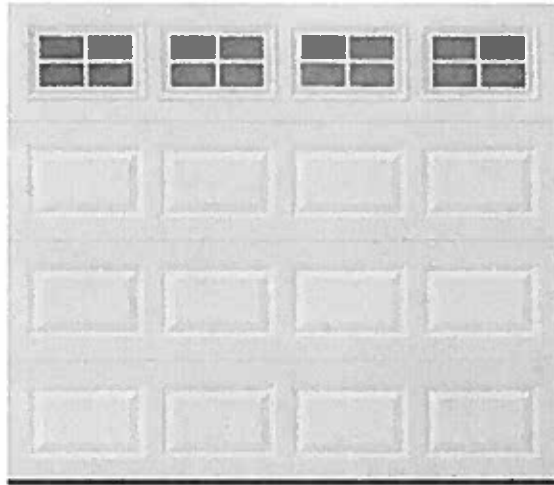
FREE SHIPPING ON THOUSANDS OF ITEMS WITH MYLOWE'S. GET STARTED >



Open until 10PM!
Short Pump Lowe's ▾

Depts. Search mylowes [shopping cart icon] [chat icon]

< Garage Doors



Chat

Pella Traditional 108-in x 84-in Insulated White Single Garage Door with Windows

Item # 133098 Model # 123482

★★★★☆ (17)

\$648.01

Actual Width (Inches)