

**LOCAL HISTORIC DISTRICT:** Dilworth

**PROPERTY ADDRESS:** 1630 Dilworth Road West

**SUMMARY OF REQUEST:** Accessory building, alternate material

**APPLICANT/OWNER:** John Zucker, applicant

The application was continued for the following: 1) Scale – Provide the streetscape survey and any drawings to show the proximity of the structures in the vicinity, 2) Move the motorized gate behind the fence, 3) Fenestration – Windows on the accessory building to be six over six muntin pattern, window trim to match the windows on the house, 4) Materials - Specify materials for the garage door and columns.

### **Details of Proposed Request**

#### *Existing Context*

The site is a corner lot at Dilworth Road West and East Park Avenue. The existing structure is a 2.5 story house constructed in 2010. There is an existing one story garage at the rear corner and highly visible from the street.

#### *Project*

The project is a new two story accessory building and car port. Materials are cedar shake siding and brick. Trim materials are wood. Building height is approximately 22'-8" and lower than the principal building.

#### *Revision – January 10*

1. West wall – Lowered and material change to a picket style fence.
2. Roof – Revised design reflects the massing and form of the house with clipped gables and boxing.
3. Windows – Window sizes and arrangement have been revised.

#### *Revision – February 14*

1. Additional streetscape exhibit has been included that shows the accessory structure and adjacent houses.
2. The motorized gate is behind the fence as shown on site plan.
3. Window muntin pattern is 6/6 or similar to the house.
4. Garage door is wood and columns are 10" dia. Composite with precast base.

### **Design Guidelines – Building Materials, page 5.2**

1. Retain wood as one of the dominant framing, cladding and decorative materials.
2. Retain wood features that define the overall character of the building.
3. Repair rotted or missing sections rather than replacing the entire element.
4. Use new or salvaged wood, epoxy consolidants or fillers to patch, piece or consolidate parts.
5. Match existing historic materials and details.
6. Replace wood elements only when they are rotted beyond repair. Do not use cementitious, vinyl, aluminum or fiberglass siding to replace original irreparable wood siding.
7. Match the original in material and design or use surviving material.
8. Base the design of reconstructed wood elements on pictorial or physical evidence from historic sources.

9. Do not use synthetic siding, such as vinyl or aluminum to cover existing wood.
10. Do not use high-pressured power washing to clean wood siding as the pressure may force moisture behind the siding where it can lead to paint failure and rot.
11. Do not caulk under individual siding boards or windowsills as this action may seal the building too tightly and can lead to moisture problems within the frame walls and cause paint failure.

**Policy & Design Guidelines for Accessory Buildings, page 8.9**

1. Retain and repair historic outbuildings. Do not demolish existing historic outbuildings.
2. Place new outbuildings, such as garages or sheds, to the rear of lots that are large enough to accommodate them, following the applicable zoning requirements. New outbuildings cannot be located in front or side yards.
3. Design new outbuildings to be compatible with the style and character of the primary historic building on the site, especially in scale, elements and roof form. Any new outbuilding must be clearly secondary to the main structure on the site.
4. Stamped metal and vinyl doors are considered to be inappropriate materials for outbuildings, and are discouraged. For more information on appropriate new construction see Chapter 6.
5. Prefabricated outbuildings that are not in keeping with the historic character of the district are not allowed where visible from the public street.

All New Construction Projects Will be Evaluated for Compatibility by the Following Criteria		Page #
Setback	in relationship to setback of immediate surroundings	6.2
Spacing	the side distance from adjacent buildings as it relates to other buildings	6.3
Orientation	the direction of the front of the building as it relates to other buildings in the district	6.4
Massing	the relationship of the buildings various parts to each other	6.5
Height and Width	the relationship to height and width of buildings in the project surroundings	6.6
Scale	the relationship of the building to those around it and the human form	6.7
Directional Expression	the vertical or horizontal proportions of the building as it relates to other buildings	6.8
Foundations	the height of foundations as it relates to other buildings in project surroundings	6.9
Roof Form and Materials	as it relates to other buildings in project surroundings	6.10
Cornices and Trim	as it relates to the stylistic expression of the proposed building	6.11
Doors and Windows	the placement, style and materials of these components	6.12
Porches	as it relates to the stylistic expression of the proposed building and other buildings in the district.	6.14
Materials	proper historic materials or approved substitutes	6.15
Size	the relationship of the project to its site	6.2 & 3
Rhythm	the relationship of windows, doors, recesses and projections	6.12
Context	the overall relationship of the project to its surroundings.	6.1-16
Landscaping	a tool to soften and blend the project with the district	8.1-11

*All projects should use this summary checklist to ensure a submittal addresses all the new construction criteria.*

**Staff Analysis** - The Commission will determine if the proposal meets the guidelines for accessory buildings and alternate material for the columns.

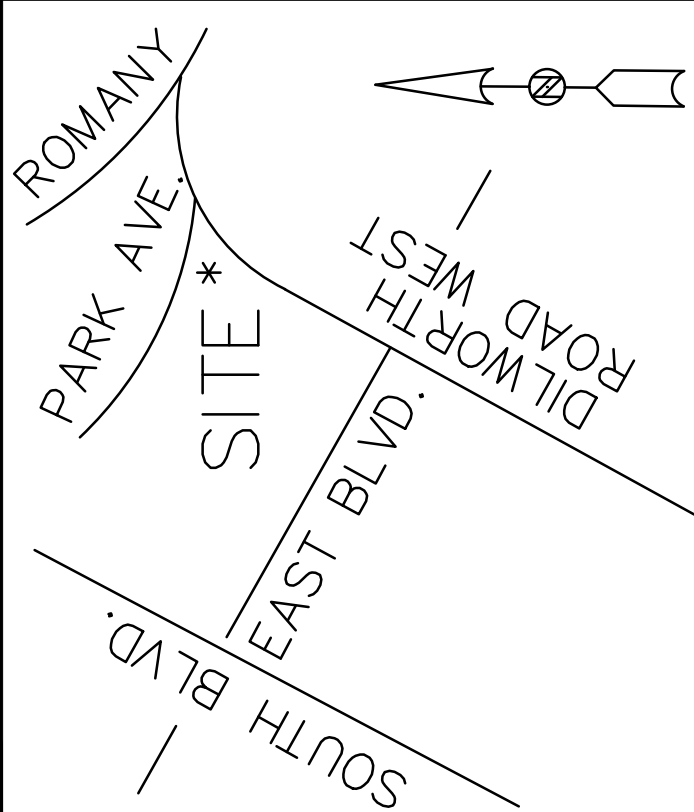
*Charlotte Historic District Commission Case 2017-636*  
**HISTORIC DISTRICT: DILWORTH**  
**ACCESSORY STRUCTURE**







VICINITY MAP  
NO SCALE



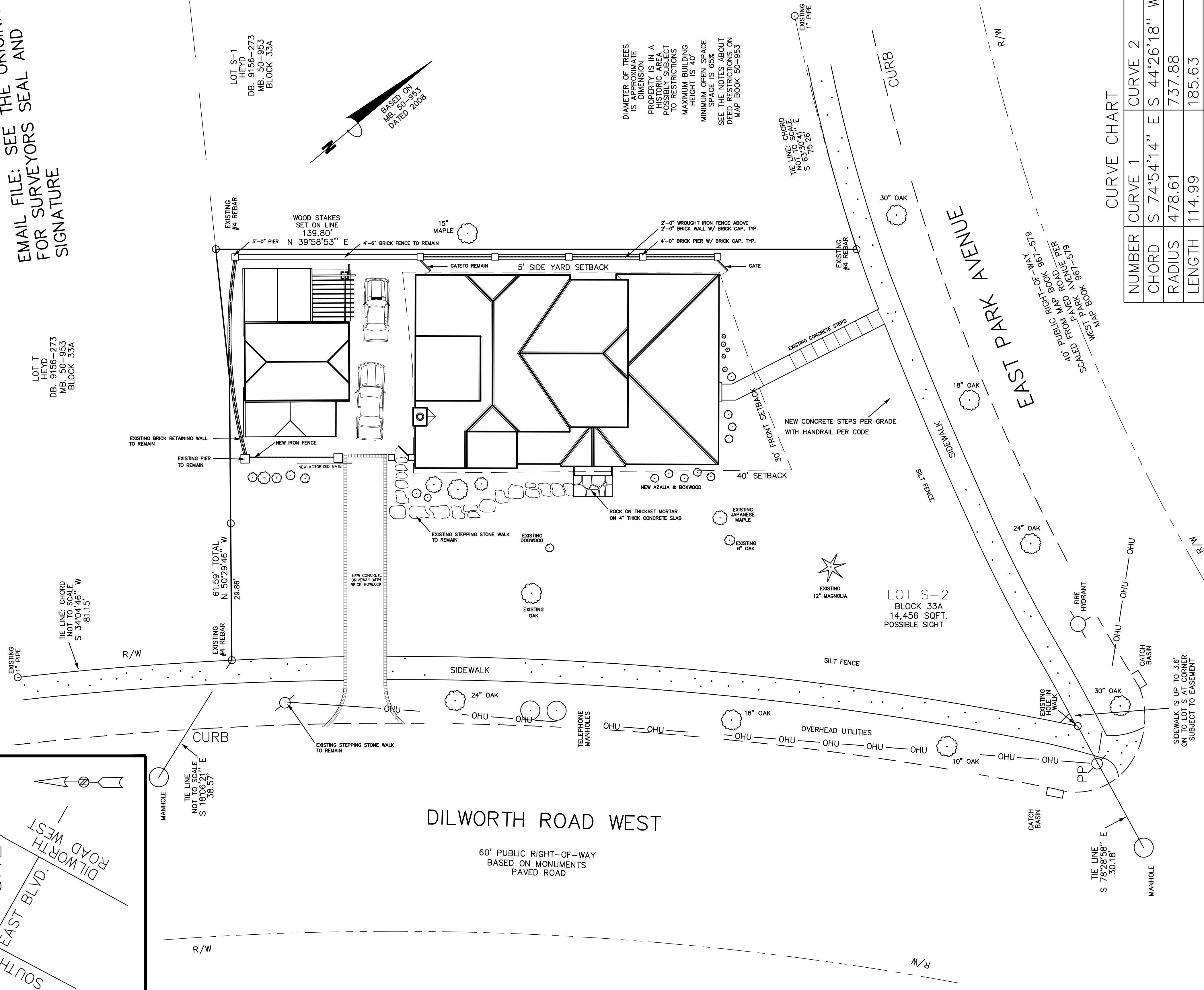
I, JAMES LYNN STROME CERTIFY THAT THIS MAP WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY DIRECT SUPERVISION; THAT THE ERROR OF CLOSURE IS 1':10,000+ BEFORE ADJUSTMENTS; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). MAP BOOK 50-953  
THIS SURVEY IS OF AN EXISTING PARCEL OF LAND.

WITNESS MY HAND AND OFFICIAL SEAL THIS 10TH DAY OF SEPTEMBER 2009

EMAIL FILE: SEE THE ORIGINAL  
FOR SURVEYORS SEAL AND  
SIGNATURE

LOT T  
HEYO  
DB. 9156-273  
MB. 50-953  
BLOCK 33A

LOT S-1  
HEYD  
DB. 9156-273  
MB. 50-953  
BLOCK 33A



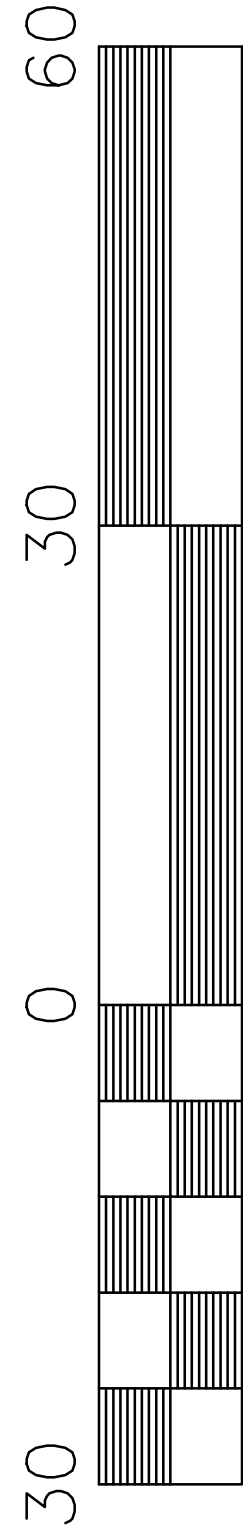
BOUNDARY/PHYSICAL SURVEY FOR:

NOW OR FORMERLY THE PROPERTY OF:

928 EAST PARK AVENUE: LOT S-2, BLOCK 33A OF  
THE REVISION OF DILWORTH, MAP BOOK 50-953  
DEED BOOK 9156-273, TAX ID: 123-113-18  
CHARLOTTE TOWNSHIP, MECKLENBURG CO.  
CHARLOTTE, NORTH CAROLINA

File name: C:\EPSA\EPARK928 JOB# 29236

Scale 1" = 30' SEPTEMBER 10, 2009



NOTES:

1. THIS PROPERTY IS NOT LOCATED IN A DESIGNATED FLOOD ZONE PER TAXMAP AND RECORD MAP, ALSO SEE FIRM MAP #3710-4543J DATED 3/2/2009.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. SETBACKS SHOWN PER MAP BOOK 50-953.
6. PROPERTY IS SUBJECT TO ANY RESTRICTIONS OF RECORD.
7. PROPERTY IS SUBJECT TO ANY EASEMENTS OR R/Ws OF RECORD.
8. NO GRID MONUMENTS APPEAR TO BE WITHIN 2000'.
9. A FULL TITLE SEARCH WAS NOT PERFORMED BY STROME SURVEYING.

LEGEND:

---	PROPERTY LINE
---	TIE LINE
---	BACK OF CURB
---	SETBACK LINE
---	UNSURVEYED LINE PER DEEDS OR MAPS
CP	COMPUTED POINT, NO IRON FOUND OR SET
PSDE	PUBLIC STORM DRAINAGE EASEMENT
SSR	SANITARY SEWER R/W
PP	POWER POLE
MH	MANHOLE
CB	CATCH BASIN
R/W	RIGHT-OF-WAY
DB	DEED BOOK
MB	MAP BOOK

A STROME LAND SURVEYING CO.  
8806 SIR BARTON LANE  
WAXHAW, NC. 28173  
(704)321-4484: FIRM #0647

SITE PLAN

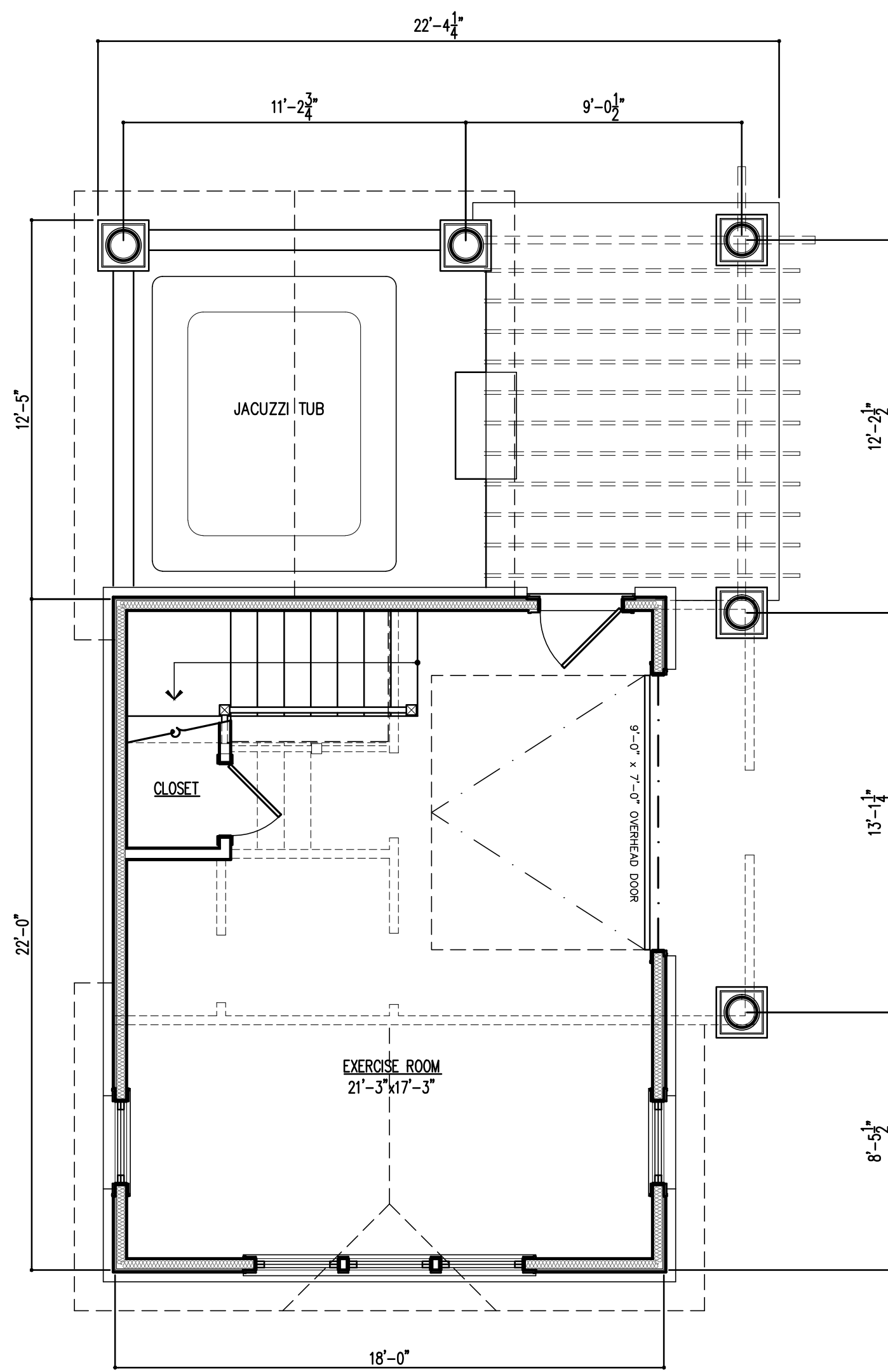
JZ Studio, Inc.

A NEW BUILDING FOR

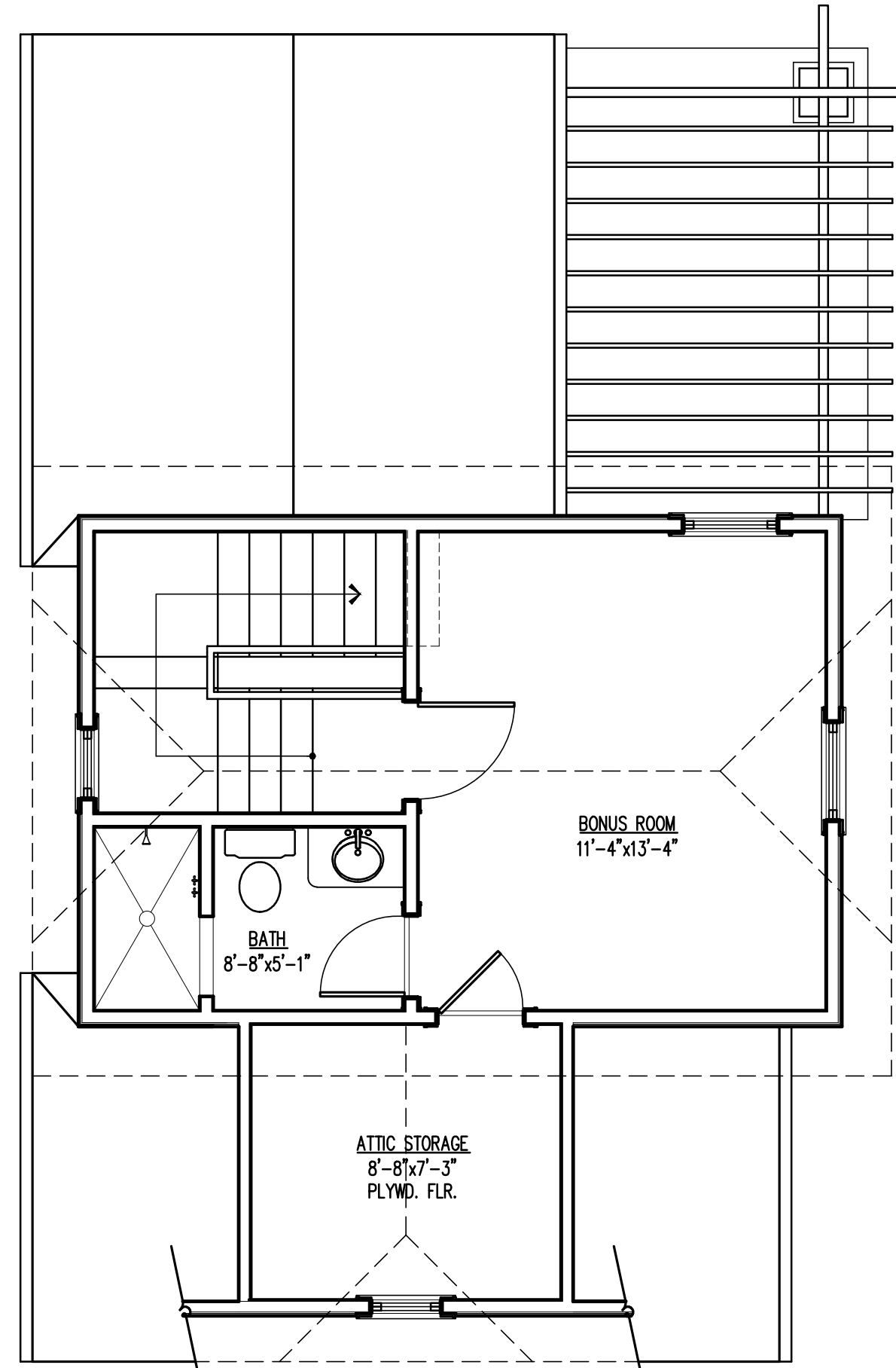
THE SKEETE FAMILY

1630 DILWORTH ROAD WEST

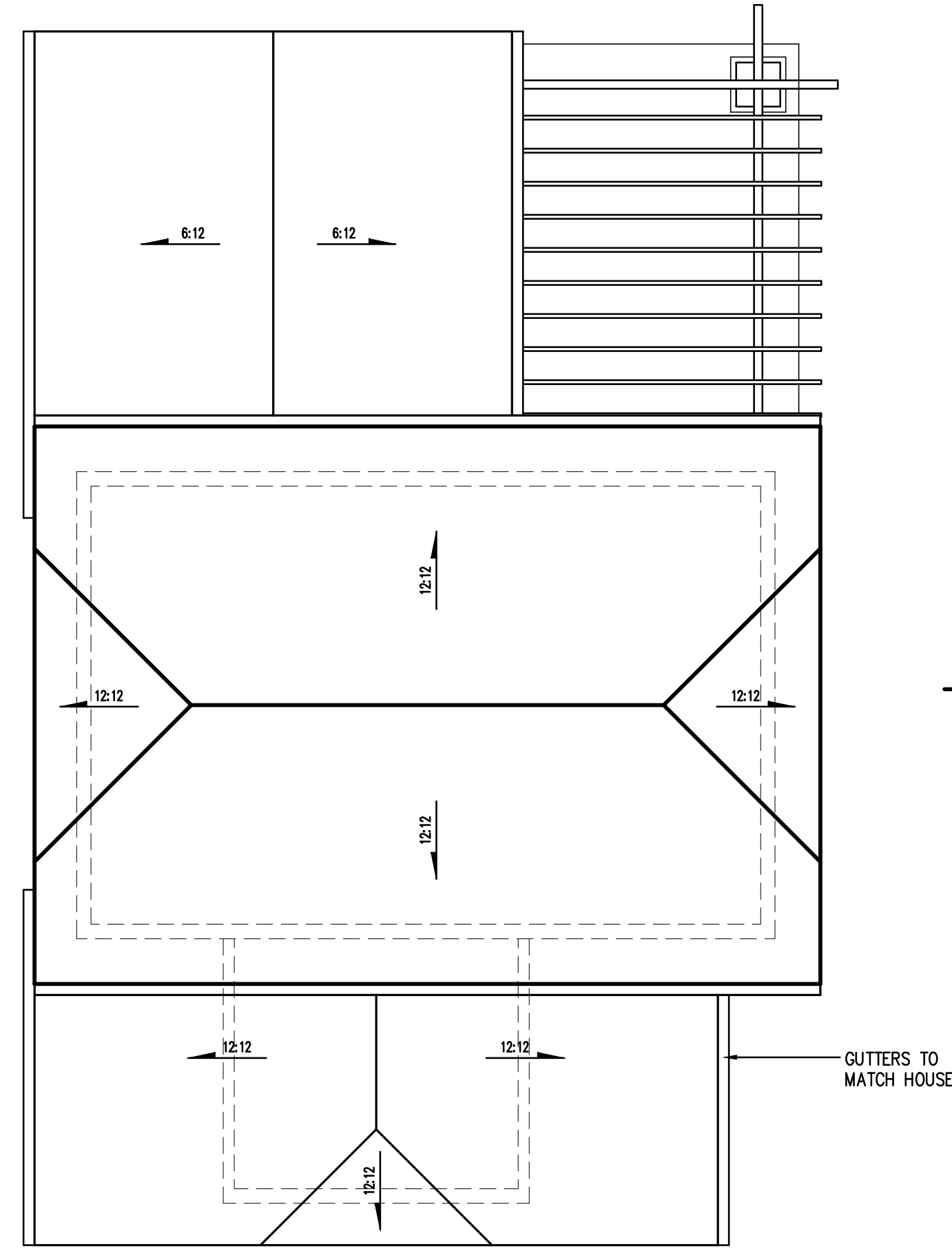
CHARLOTTE, NORTH CAROLINA



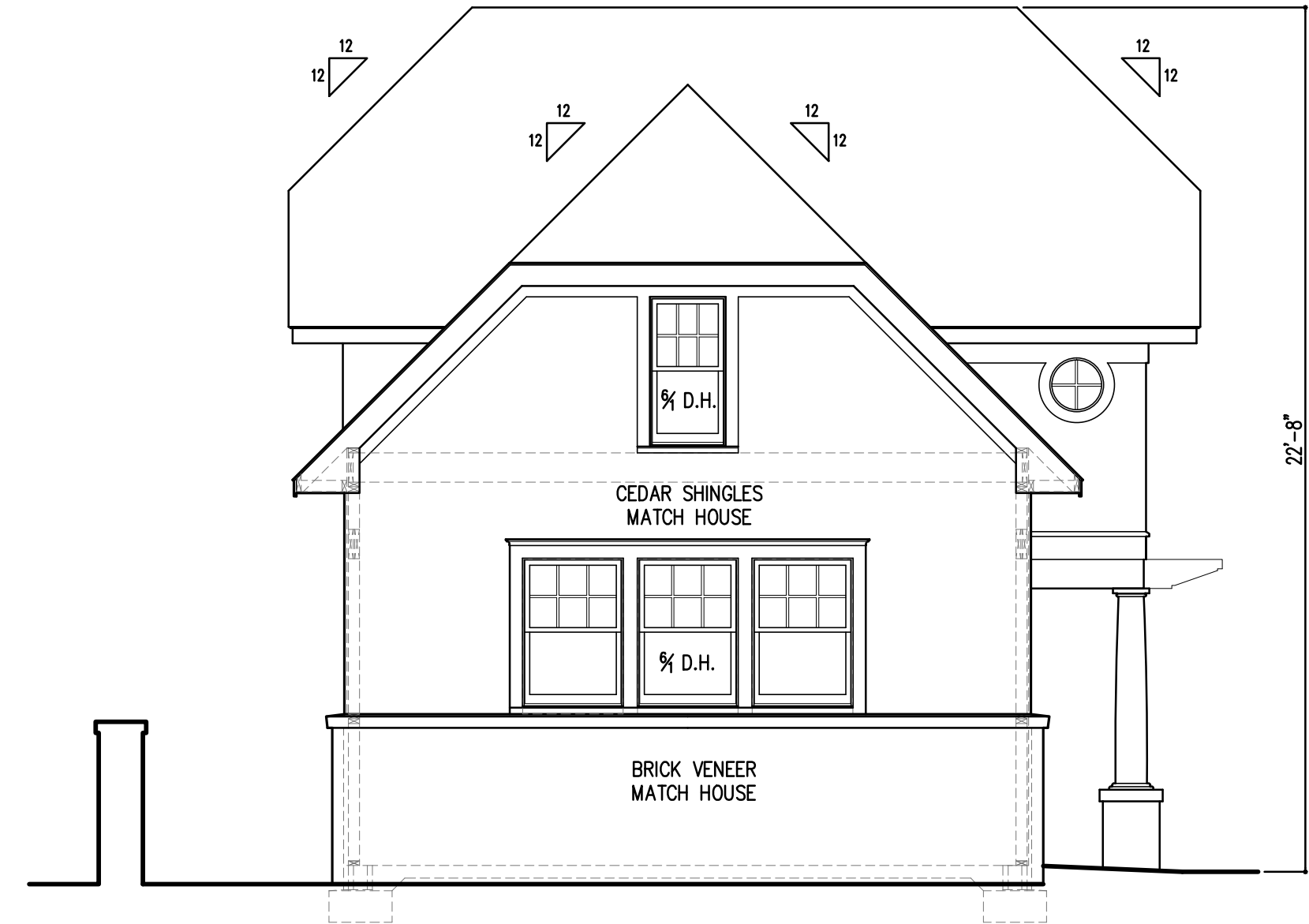
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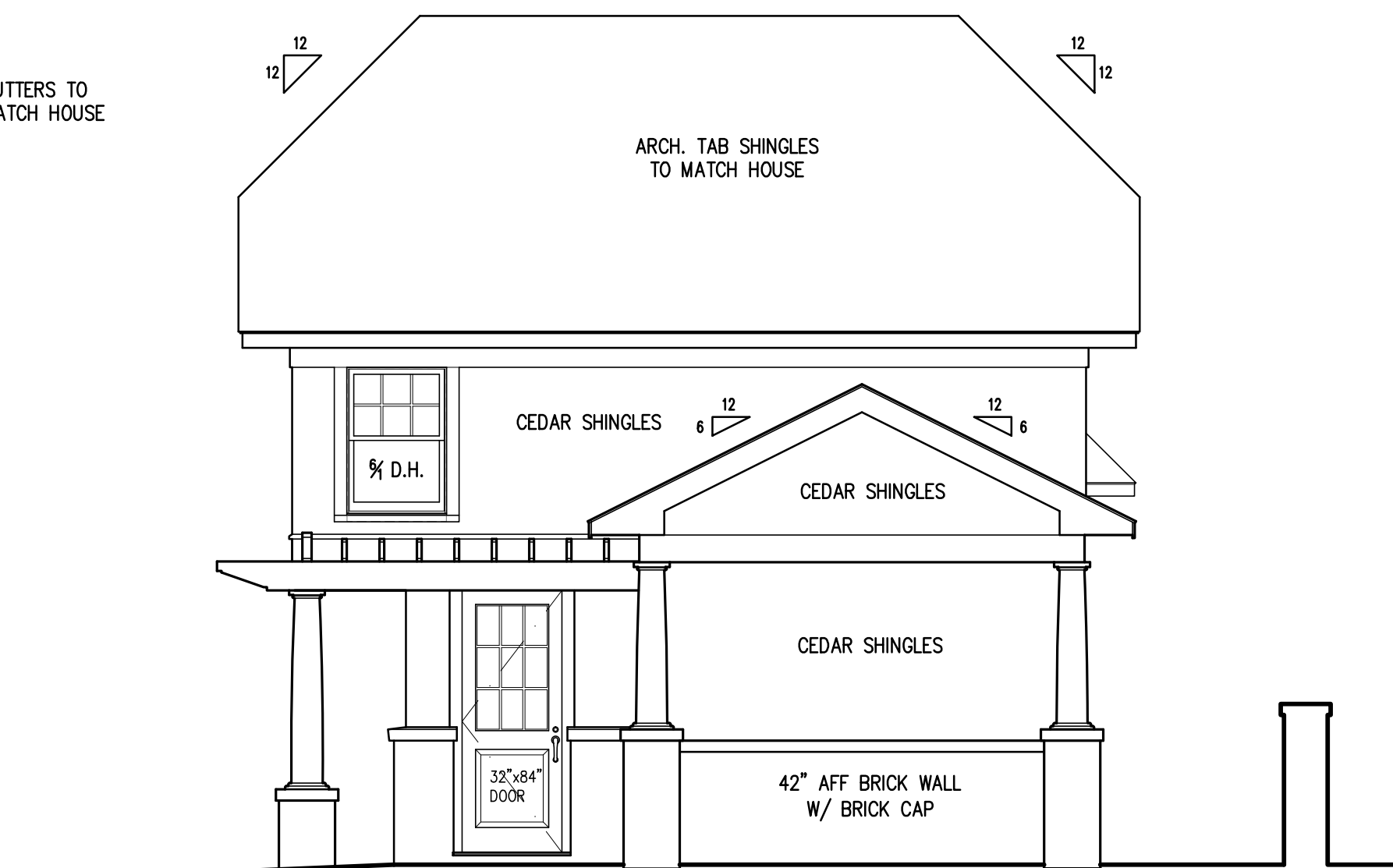
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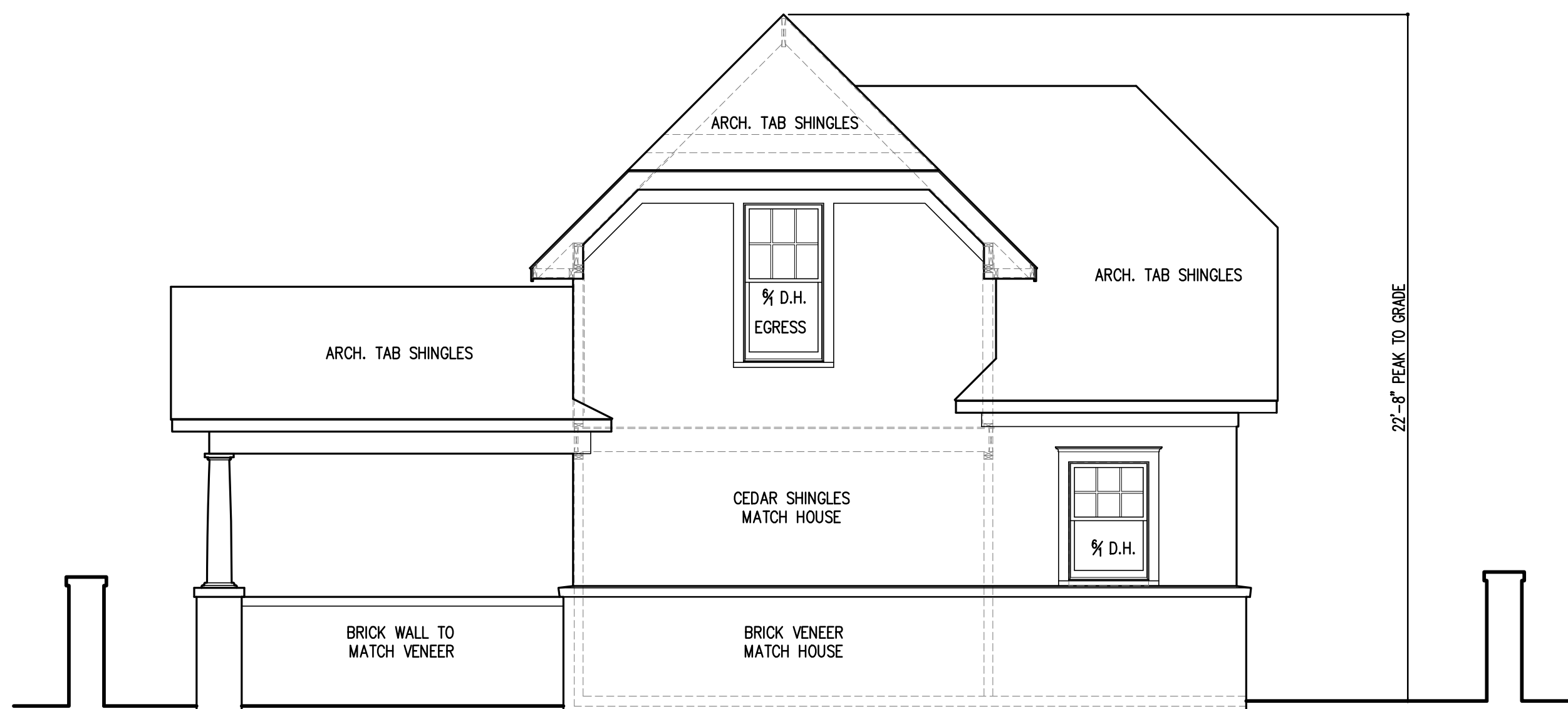
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A1 SCALE : 1/4" = 1'-0"



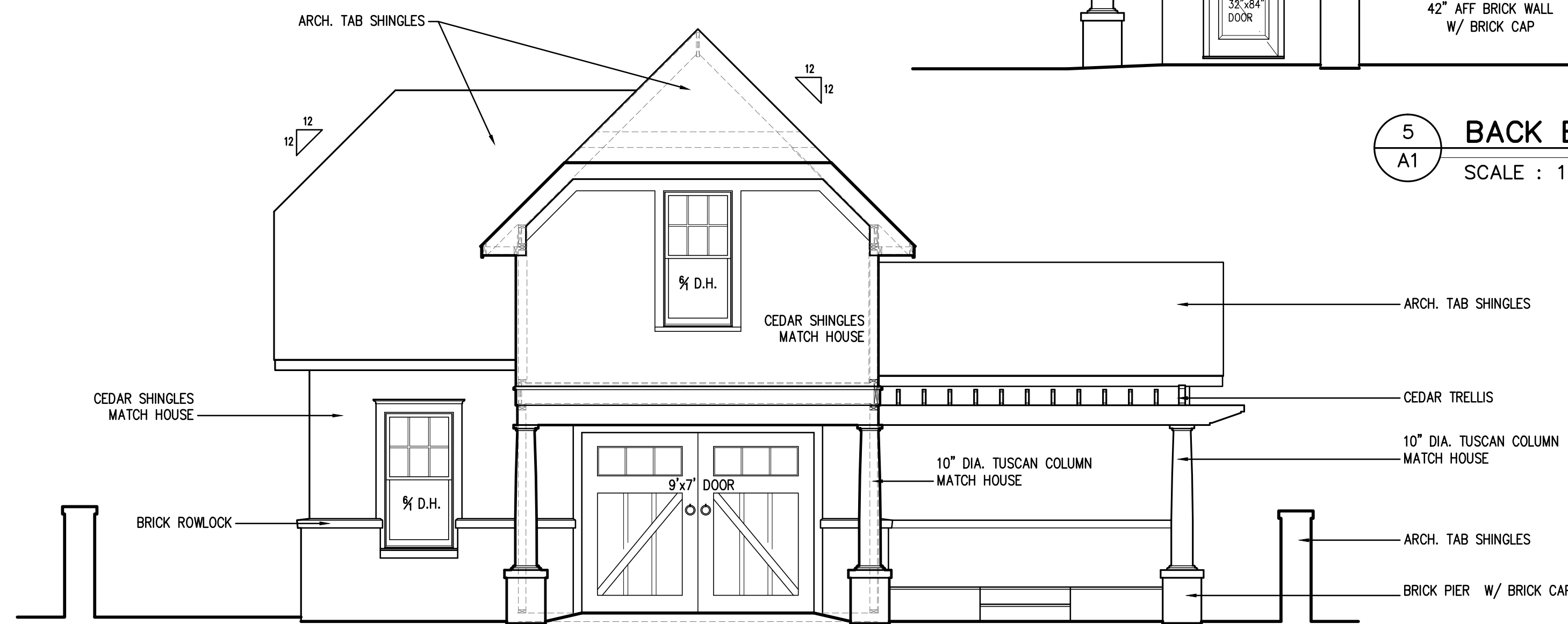
4 FRONT ELEVATION  
A1 SCALE : 1/4" = 1'-0"



5 BACK ELEVATION  
A1 SCALE : 1/4" = 1'-0"



7 LEFT SIDE ELEVATION  
A1 SCALE : 1/4" = 1'-0"



6 RIGHT SIDE ELEVATION  
A1 SCALE : 1/4" = 1'-0"

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A NEW DETACHED ACCESSORY BUILDING FOR:  
**THE SKEETE FAMILY**  
DILWORTH ROAD WEST  
CHARLOTTE, NC 28203

**JZ Studio, Inc.**

FLOOR PLANS  
ELEVATIONS

DATE: 01-02-18  
SHEET NO.

A1



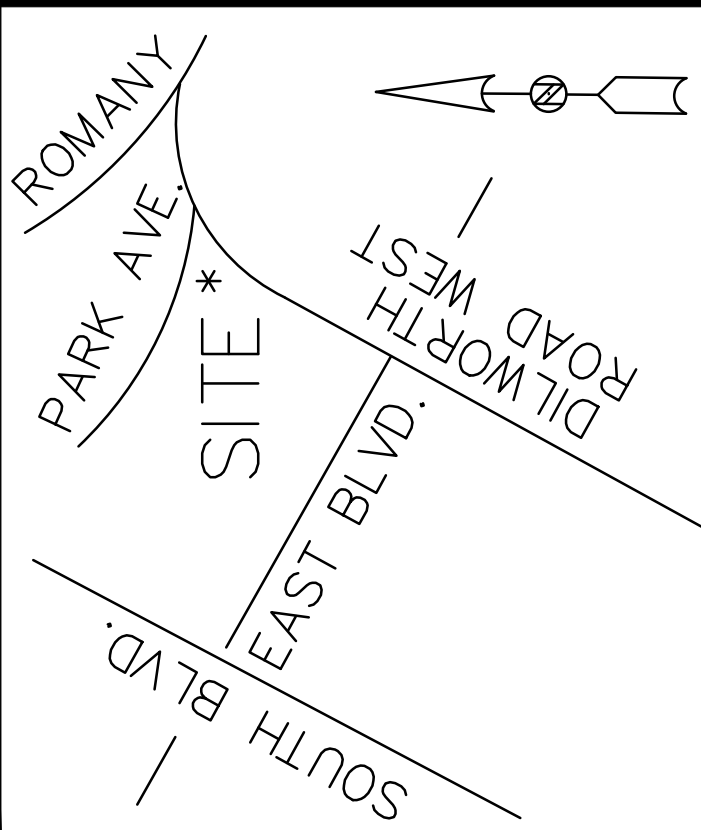
1  
A2  
EXISTING DILWORTH ROAD WEST ELEVATION  
SCALE : 1/4" = 1'-0"



2  
A2  
PROPOSED DILWORTH ROAD WEST ELEVATION  
SCALE : 1/4" = 1'-0"



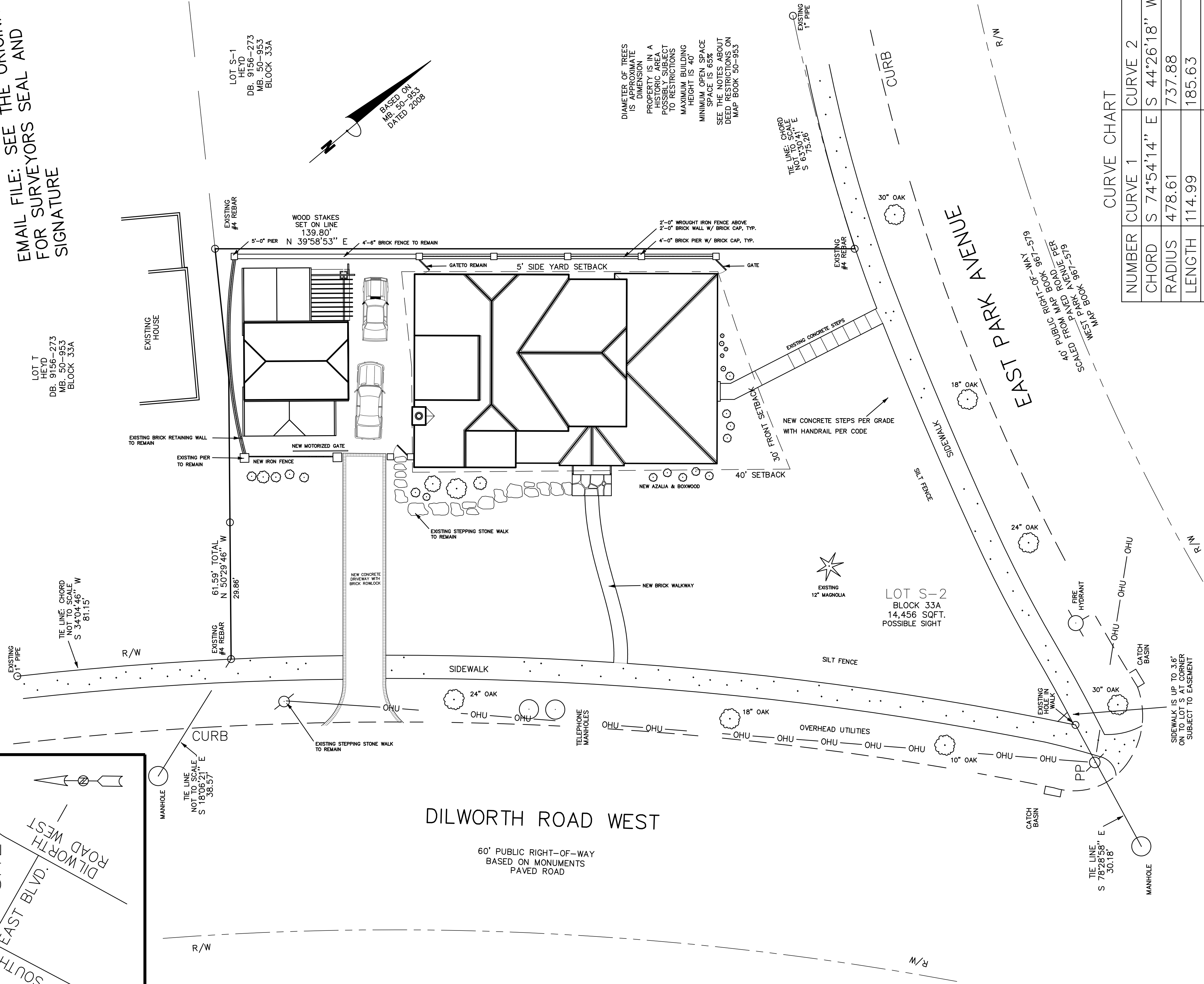
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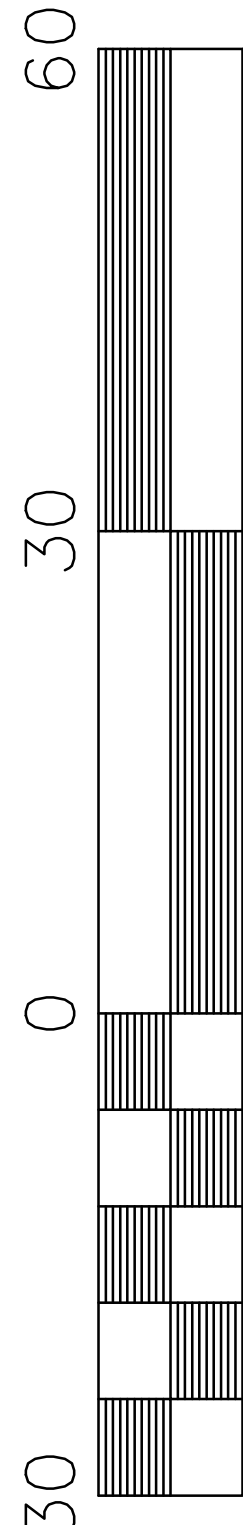
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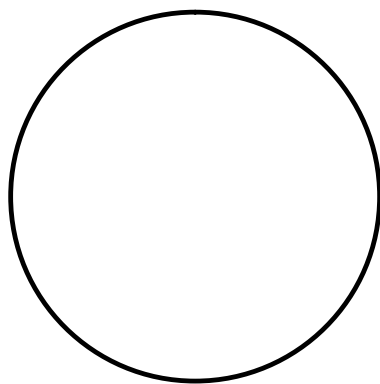
CP COMPUTED POINT, NO IRON FOUND OR SET  
PSDE PUBLIC STORM DRAINAGE EASEMENT  
SSR SANITARY SEWER R/W  
PP POWER POLE  
MH MANHOLE  
CB CATCH BASIN  
R/W RIGHT-OF-WAY

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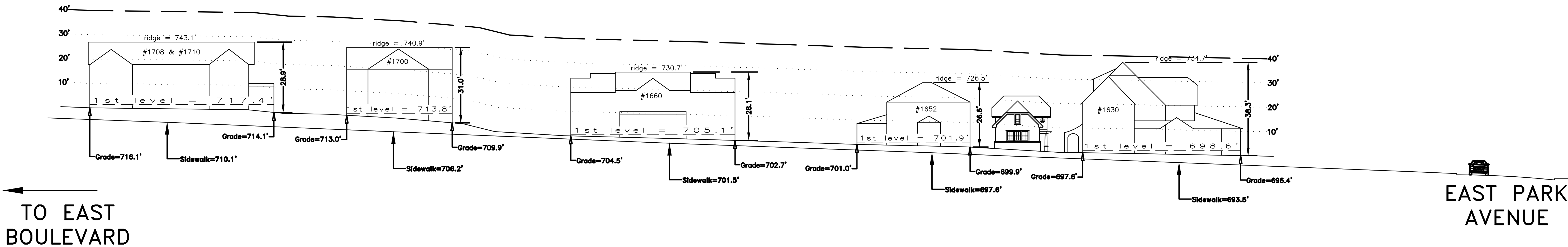


I hereby certify that this schematic drawing was prepared based on field-surveyed elevation measurements of the points shown hereon. This map is not intended to meet G.S. 47-30 recording requirements.

This \_\_\_\_ day of \_\_\_\_\_, 2017.

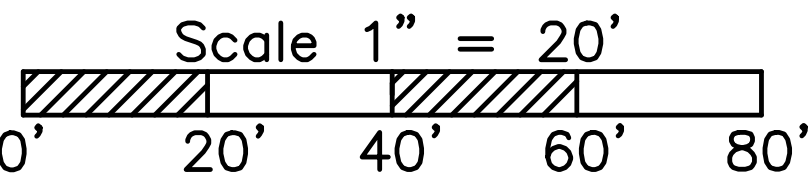


NON-CERTIFIED  
REFER TO SIGNED & SEALED COPY  
DATED November 7, 2017  
Andrew G. Zoutewelle  
Professional Land Surveyor  
NC License No. L-3098

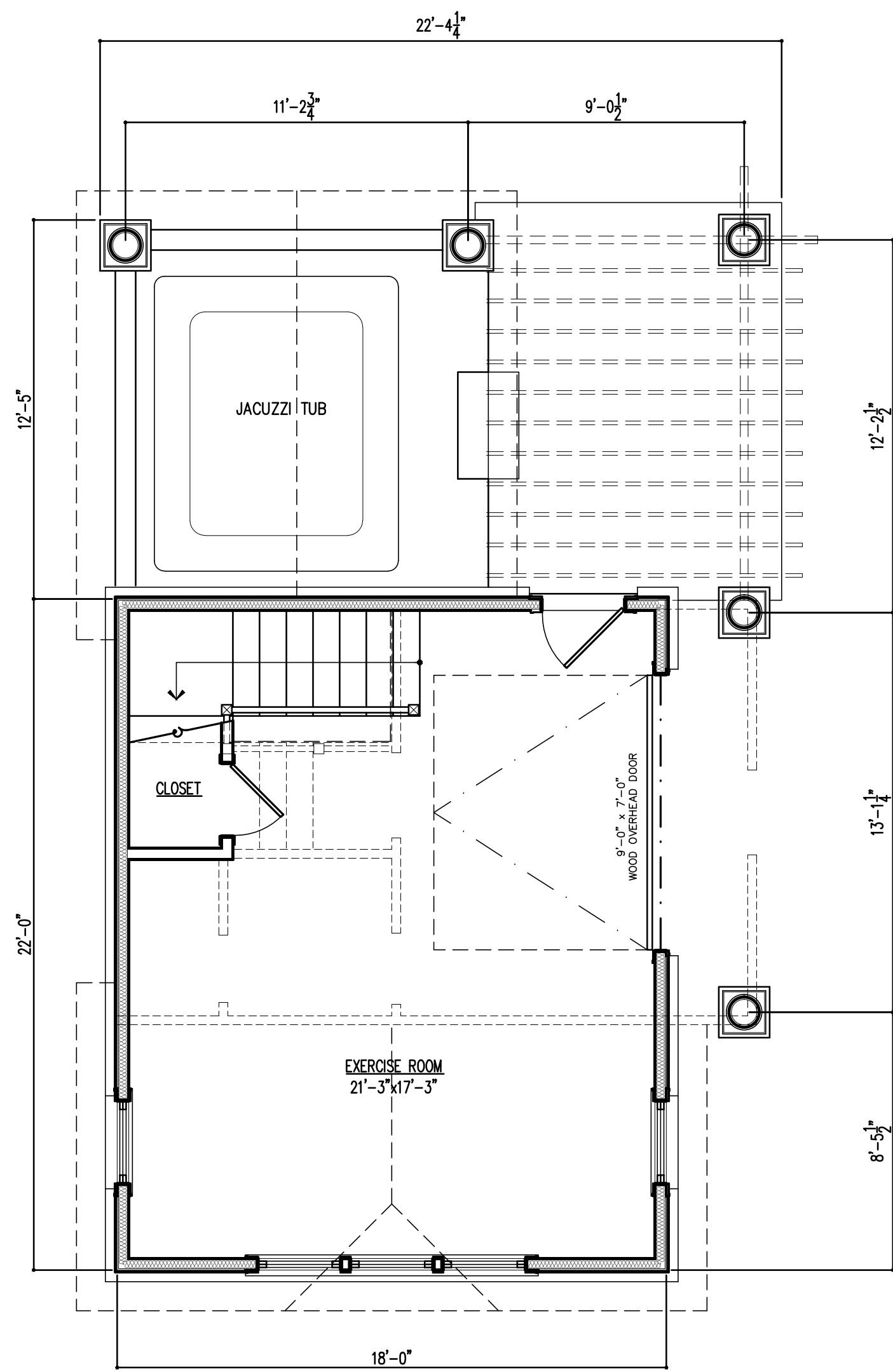


1418 East Fifth St. Charlotte, NC 28204  
Phone: 704-372-9444 Fax: 704-372-9555  
Firm Licensure Number C-1054

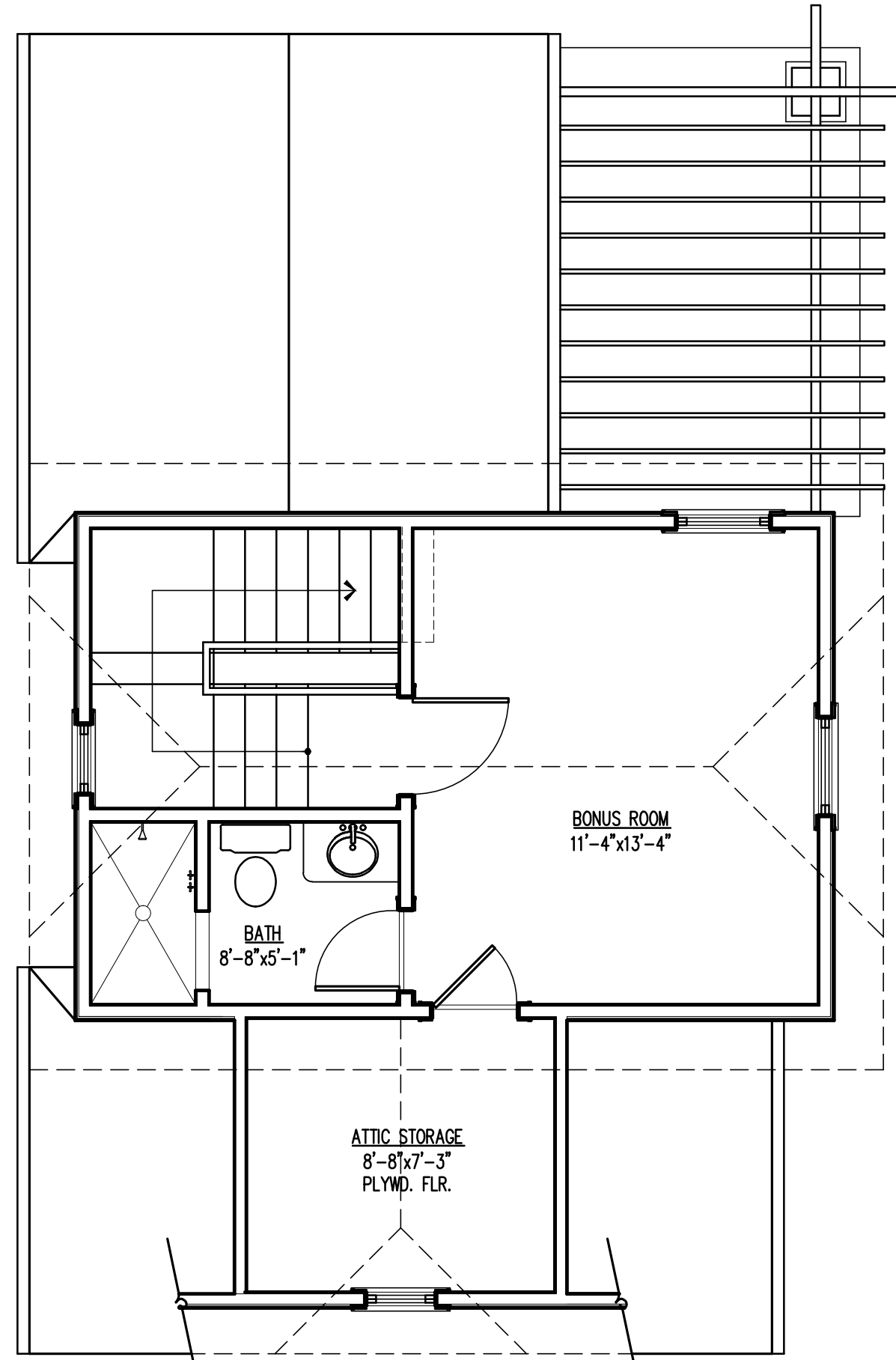
Copyright 2017  
Building Heights Sketch of  
1600-1700 BLOCK of DILWORTH ROAD WEST  
FACING NORTHWEST - EVEN SIDE  
CHARLOTTE, MECKLENBURG COUNTY, N.C.  
for Charlotte-Mecklenburg Planning Department  
November 1, 2017



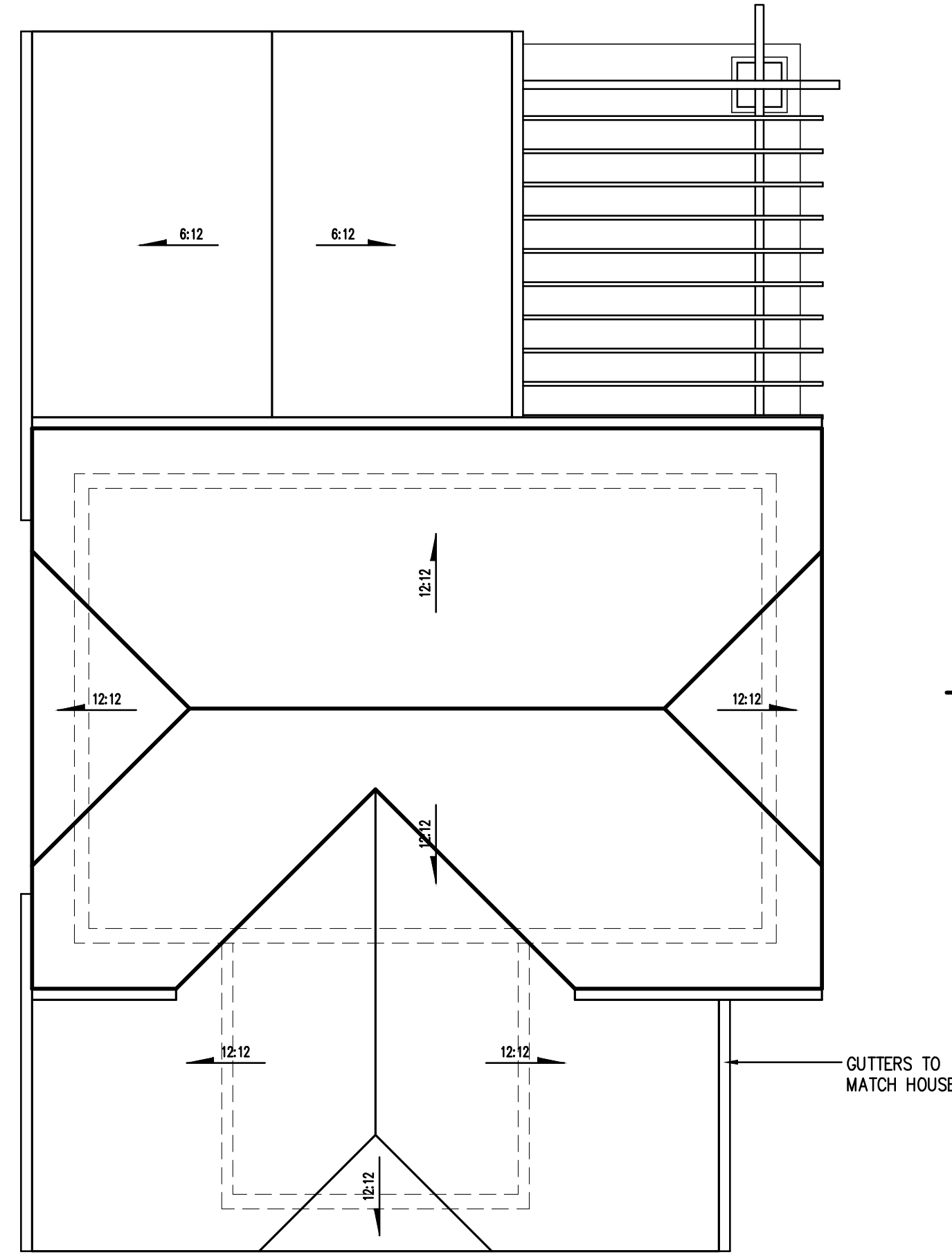
General Notes:  
1. The purpose of this Building Heights Sketch is to show existing building facade heights relative to the elevation points at the public sidewalk or top of curb, front yard grade ("Grade"), 1st level, and ridgeline of the houses depicted hereon. No rearyard or sideyard measurements were made. The heights shown hereon were derived from indirect measurements and are not intended for structural design.  
2. The vertical datum for these elevation measurements is the North American Vertical Datum of 1988 (i.e., sea level). All other information and graphics are conceptual in nature and are not intended to represent accurate architectural or landscape features.



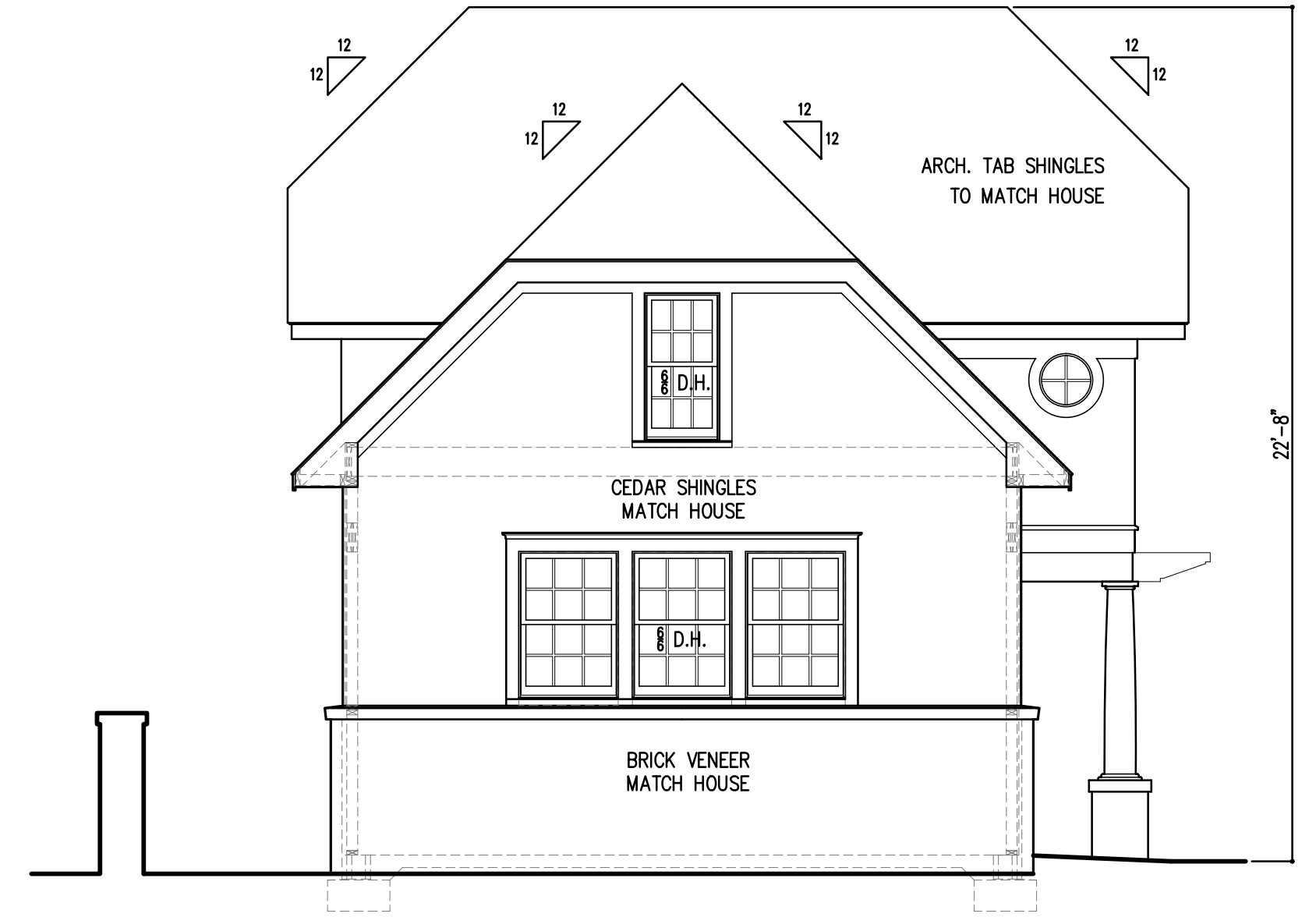
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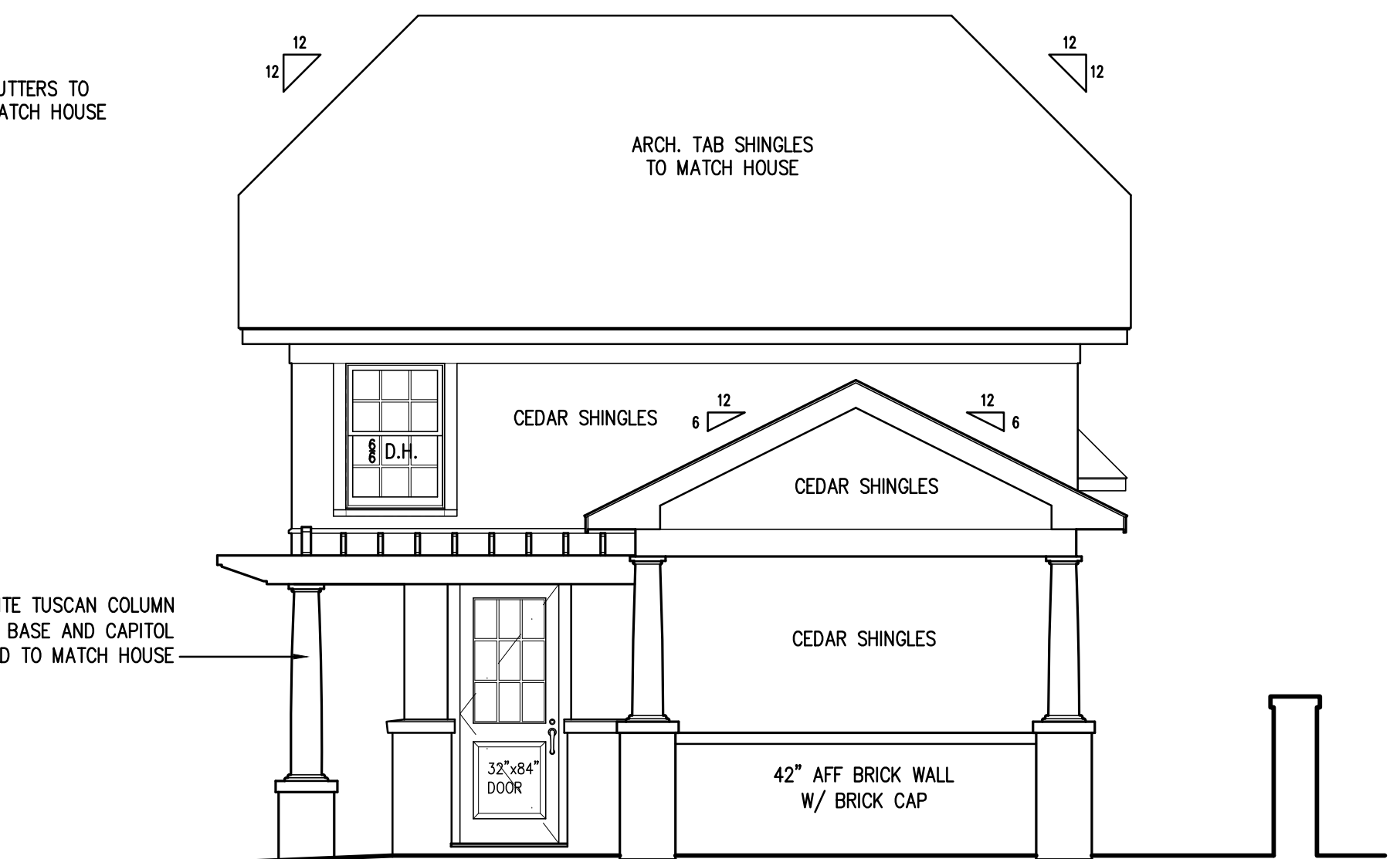
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220 SQ. FT.



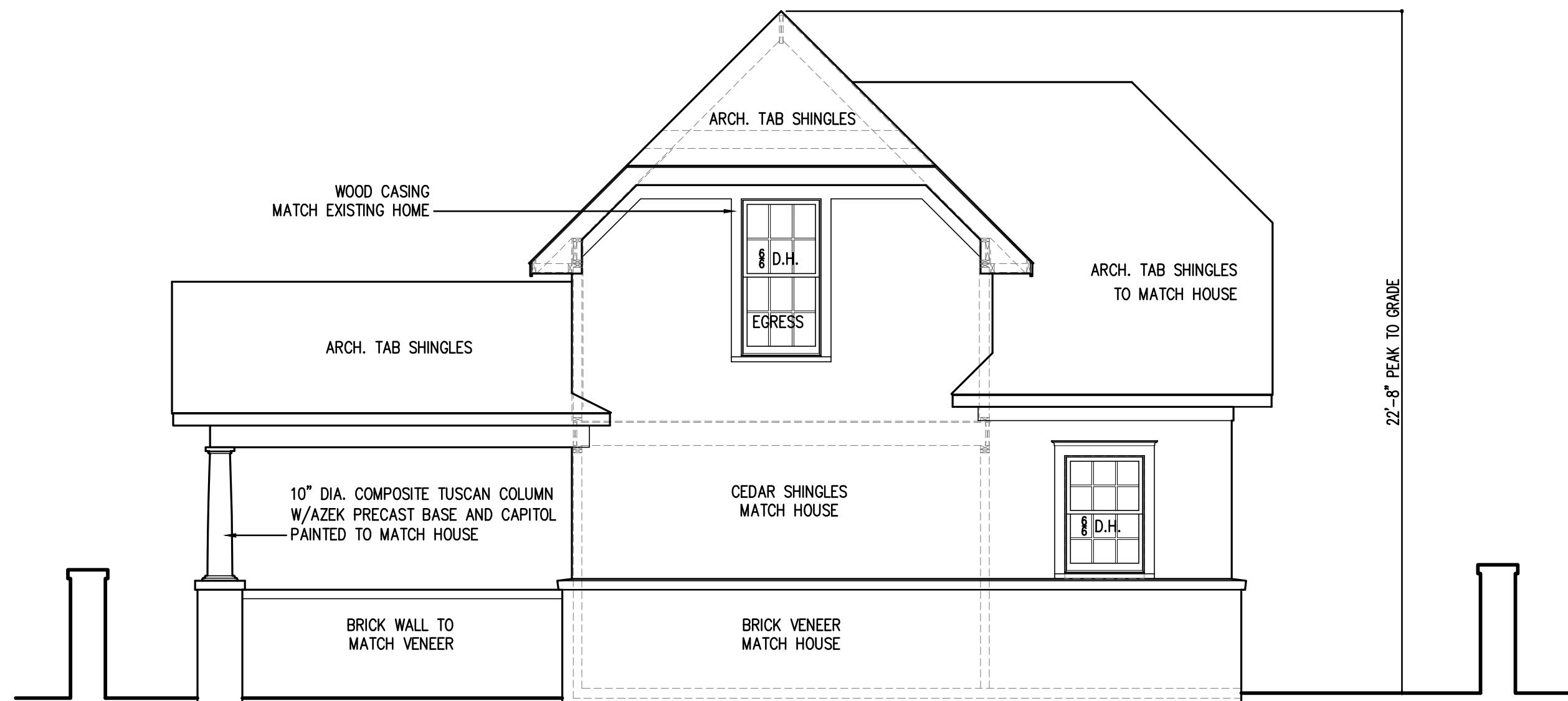
3 ROOF PLAN  
A1 SCALE : 1/4" = 1'-0"



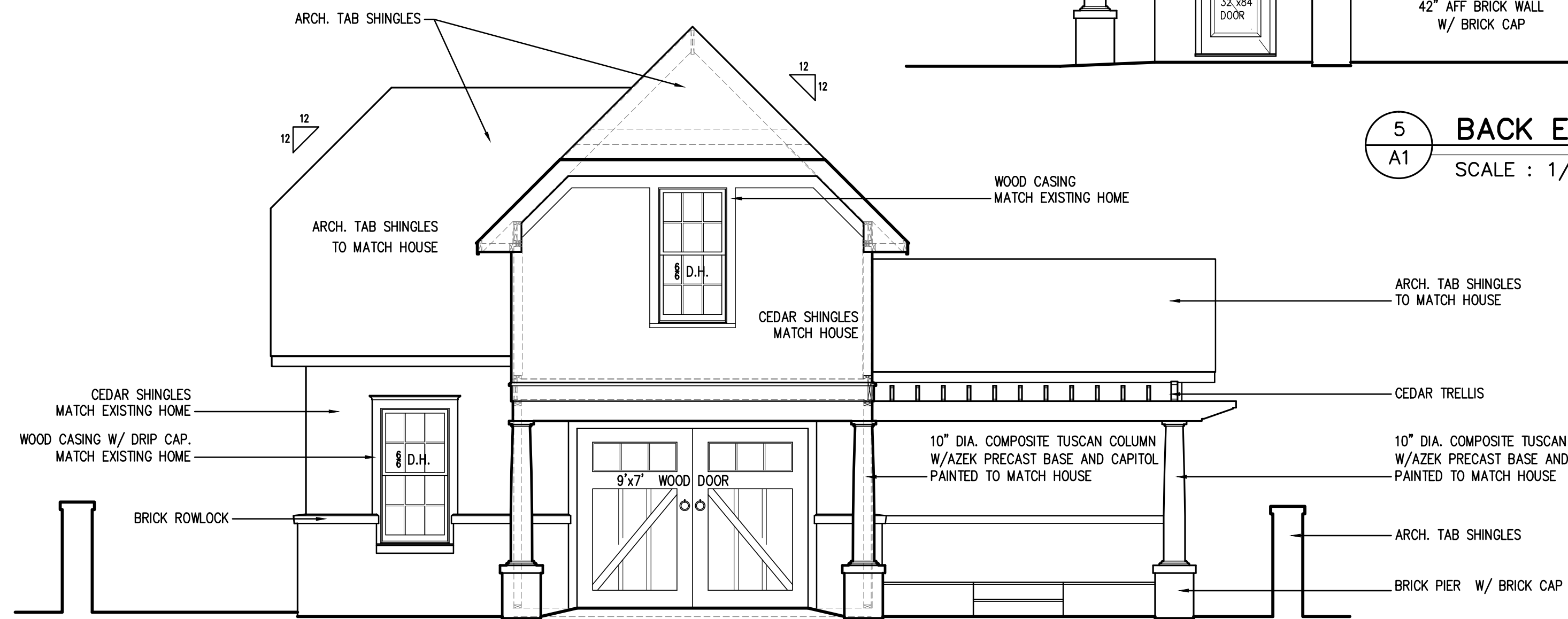
4 FRONT ELEVATION  
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5 BACK ELEVATION  
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7 LEFT SIDE ELEVATION  
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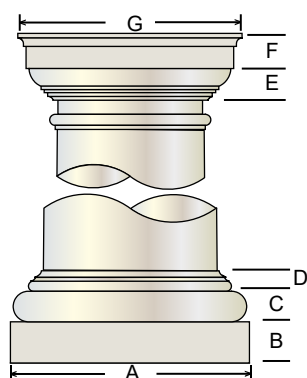
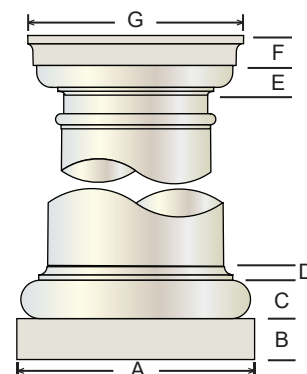
6 RIGHT SIDE ELEVATION  
A1 SCALE : 1/4" = 1'-0"

All caps, bases, and ornamental capitals are manufactured of low-maintenance materials. Materials for caps and bases will vary based on size and style. Standard Tuscan caps and bases for our 8", 10", and 12" diameter round tapered columns are our new TimeSaver ABS (recycled ABS with fiberglass reinforcement). Since these are molded products, specifications shown are  $\pm 1/8"$ , and subject to change without notice.

## TUSCAN CAPS AND BASES

Column diameter	Tuscan Base					Tuscan Cap				Materials available †
	Plinth		Torus		Total height	Echinus	Abacus		Total height	
	(A)	(B)	(C)	(D)	(B-D)		(F)	(G)	(E-F)	
6"	8"	1 ½"	1 ¼"	½"	3 ¼"	1"	1 ⅙"	7 ½"	2 ⅙"	P, D
8"	10 ⅞"	1 ⅞"	1 ¾"	⅝"	4 ¼"	1 ⅝"	1 ⅜"	9 ⅞"	2 11⁄16"	A, F, D, P
10"	13 ½"	2 ⅜"	2 ⅞"	¾"	5 ¼"	1 13⁄16"	1 ¾"	12 ½"	3 ⅜"	A, F, D, P
12"	16 ¼"	2 ¾"	2 ⅜"	⅞"	6"	1 ⅞"	2"	14 ⅝"	3 ⅞"	A, F, D, P
14"	18 ⅝"	3 ⅝"	3"	1"	7 ⅙"	2 ½"	2 ⅝"	17"	4 15⁄16"	P, D
16"	21 ⅝"	3 ⅞"	3 ⅜"	1 ⅙"	8 ⅙"	2 ¾"	2 11⁄16"	19 ⅞"	5 ⅝"	P, D
18"	24"	4 ⅜"	4"	1 ⅜"	9 ⅙"	3"	2 15⁄16"	21 ⅝"	5 15⁄16"	P, D
20"	27"	4 ¾"	4 ⅙"	1 ¾"	10 ⅙"	3 ⅞"	3 ⅙"	24 ¼"	6 ⅞"	P, D
24"	32 ½"	5 ¾"	5 ¼"	2 ¼"	13 ¼"	3 ⅝"	4 ⅛"	28 ¾"	7 ⅞"	P, D

† A-ABS TimeSaver, F-FRP, D-DuraStone™, P-Polyurethane cap with FRP base; standard material is underlined



## ROMAN DORIC CAPS

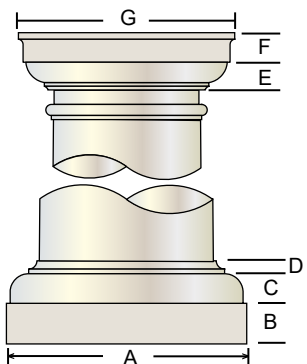
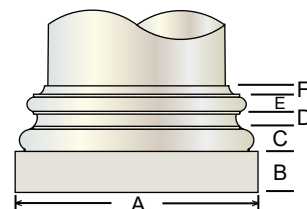
Column diameter	Roman Doric Base †					Roman Doric Cap †			
	Plinth		Torus		Total height	Echinus	Abacus		Total height
	(A)	(B)	(C)	(D)	B-D)	(E)	(F)	(G)	(E-F)
6"	7 31⁄32"	1 1⁄2"	1"	¾"	3 ¼"	1"	1 ¼"	8"	2 ¼"
8"	10 7⁄8"	1 7⁄8"	1 1⁄16"	15⁄16"	4 ¼"	1 7⁄16"	1 ½"	10 ¼"	2 15⁄16"
10"	13 ½"	2 3⁄8"	1 ¾"	1 ¼"	5 3⁄8"	1 7⁄8"	1 ¾"	13"	3 3⁄8"
12"	16 1⁄8"	2 ¾"	2 1⁄16"	1 3⁄8"	6 3⁄16"	2 1⁄8"	2 3⁄8"	15 1⁄8"	4 ½"
14"	18 3⁄4"	3 3⁄8"	2 3⁄8"	1 5⁄8"	7 3⁄8"	2 11⁄16"	2 ¾"	17 13⁄16"	5 9⁄16"
16"	21 ½"	3 7⁄8"	2 7⁄8"	2"	8 ¾"	3 3⁄16"	3 1⁄8"	20 5⁄16"	6 5⁄16"
18"	24"	4 1⁄8"	3 5⁄16"	2 3⁄8"	9 13⁄16"	3 ½"	3 9⁄16"	22 7⁄16"	7 1⁄16"

† Bases are FRP, caps are polyurethane. Only the bases are available in DuraStone™-not the caps.

## OPTIONAL ATTIC BASES

Column diameter	Plinth		Torus				Total height
	(A)	(B)	(C)	(D)	(E)	(F)	(B-F)
6"	8"	1"	3/4"	3/4"	1/2"	1/2"	3 1/2"
8"	10 7/8"	1 7/8"	1 1/8"	7/8"	3/4"	1/2"	5 1/8"
10"	13 1/2"	2 3/8"	1 1/4"	1 1/8"	7/8"	5/8"	6 1/4"
12"	16 1/8"	2 3/4"	1 1/2"	1 3/8"	1"	5/8"	7 1/4"
14"	18 1/2"	3 5/16"	1 3/4"	1 5/8"	1 1/4"	11/16"	8 21/32"
16"	21 3/16"	3 3/4"	2 1/8"	1 7/8"	1 1/2"	13/16"	10 1/8"
18"	23 15/16"	4 1/4"	2 5/16"	2 1/8"	1 7/16"	1 1/8"	11 1/4"
20"	27 1/16"	4 3/4"	2 11/16"	2 3/8"	1 3/4"	1 1/16"	13"
24"	32 1/2"	5 3/4"	3 5/16"	2 13/16"	2 1/8"	1 3/4"	15 3/4"

Attic bases are FRP. Also available in DuraStone™.



## BUILDERS SERIES CAPS AND BASES

Column diameter	Builders Series Base †					Builders Series Cap †			
	Plinth		Torus		Total height	Echinus	Abacus		Total height
	(A)	(B)	(C)	(D)	(B-D)	(E)	(F)	(G)	(E-F)
8"	10 7⁄8"	1 7⁄8"	1 1⁄4"	5⁄8"	3 3⁄4"	1 1⁄4"	1 1⁄4"	9 1⁄16"	2 1⁄2"
10"	13 1⁄2"	2 3⁄8"	1 5⁄8"	9⁄16"	4 9⁄16"	1 13⁄16"	1 3⁄4"	12 3⁄16"	3 9⁄16"
12"	16 1⁄4"	2 3⁄4"	2"	7⁄8"	5 5⁄8"	1 7⁄8"	2"	14 5⁄8"	3 7⁄8"

† Cap and base are polystyrene (with foam core). Not available in DuraStone™.



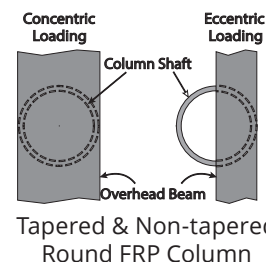
Available fluted and unfluted in a wide range of sizes. Flutes in most 8", 10", and 12" diameter tapered shafts are molded right into the shaft, providing consistent Ionic fluting. All sizes can also be custom-fluted for specific opening heights, and adjusted for the cap and base chosen. When shafts are custom fluted, typically the flutes end 1" from the top of the base.

Tapered Round FRP Shafts Available Heights and Load Capacities														Concentric Load *	Eccentric Load *
Column Bottom Diameter ±	5'	6'	8'	9'	10'	12'	14'	16'	18'	20'	22'	24'			
6"	√	√	√											6,000 lb.	6,000 lb.
8"	√	√	√	√	√	√								10,000 lb.	6,600 lb.
10"	√	√	√	√	√	√	√							14,000 lb.	10,720 lb.
12"	√	√	√	√	√	√	√	√						18,000 lb.	13,200 lb.
14"			√	√	√	√	√	√	√	√				20,000 lb.	11,520 lb.
16"	√	√	√	√	√	√	√	√	√	√				20,000 lb.	13,200 lb.
18"			√	√	√	√	√	√	√	√	√			20,000 lb.	9,040 lb.
20"		√	√		√	√	√	√	√	√				20,000 lb.	18,960 lb.
24"			√		√	√	√	√	√	√	√	√		20,000 lb.	13,200 lb.

All Poly-Classic® FRP Columns are available with custom fluting.

√ Available unfluted.

- Available with standard flutes.



± Actual shaft width may be smaller than nominal size shown.  
 \* Load capacities are reduced when loads are not centered. Full documentation regarding eccentric load capacities can be found online at [Turncraft.com/pdf/EccentricLoad.pdf](http://Turncraft.com/pdf/EccentricLoad.pdf) and [Turncraft.com/pdf/LoadAddendum.pdf](http://Turncraft.com/pdf/LoadAddendum.pdf). Please refer to the online documentation regarding maximum eccentricity (beam offset from center) and other specifications.

## FLAME GUARD

Poly-Classic® FRP Columns were the first fiberglass-reinforced polymer columns to achieve the distinction of passing an industry test (ASTME, 84-01) that measures the flame spread and smoke development of building components in a fire.

Turncraft Poly-Classic® 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
Turncraft Poly-Classic® Columns	15*	335**

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

## PLAN TYPES

Poly-Classic® FRP Columns are available in the plan types below. Please specify when you order. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc.)

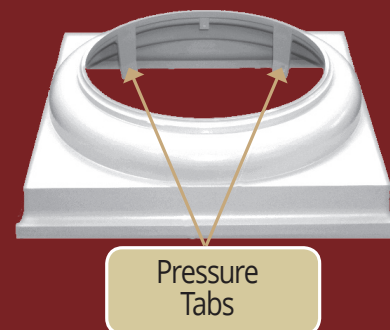


## TIMESAVER CAP AND BASE

New to the Turncraft product line, our 8" Square TimeSaver Cap and Base employs the same Quick-Fit installation pressure tabs as our round 8", 10", and 12" TimeSaver products. Our TimeSaver cap and base offers the easiest and quickest installation in the industry.

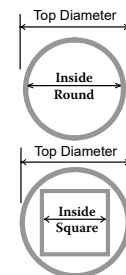


- Made out of fiber-reinforced recycled ABS (acrylonitrile butadiene styrene)
- Designed for use on round FRP columns in 8", 10", and 12" sizes
- Made with 95% recycled material
- Extremely strong and durable
- Self aligning with no fasteners
- Excellent paint adhesion
- Fast installation

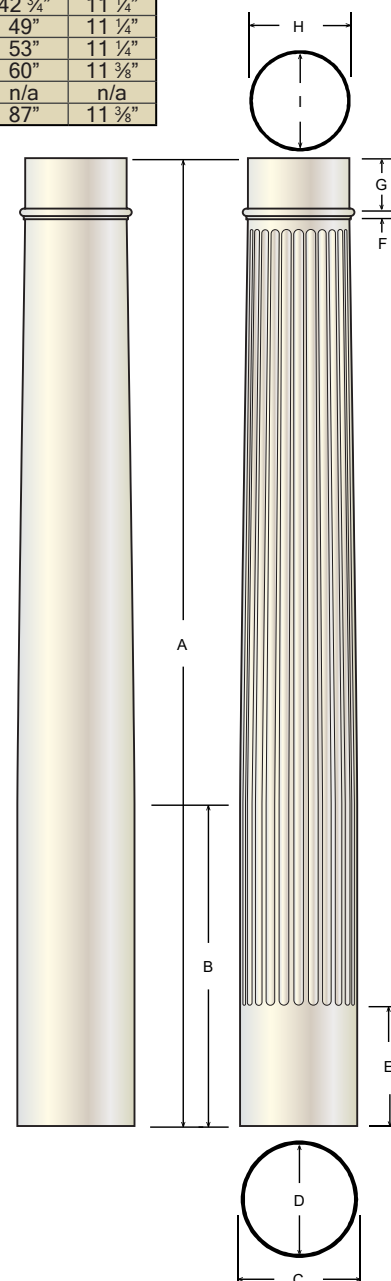


# Poly-Classic® FRP Tapered Round Shaft Specifications

Column nominal diameter	Shaft height (A)	Shaft bottom *		Shaft top *		Space available inside shaft		Shaft neck		Flute width (24 each)	Straight portion of shaft (unfluted) (B)	Straight portion of shaft (fluted) (B)	Smooth shaft before flutes (E)
		Outside diameter (C)	Inside diameter (D)	Outside diameter (H)	Inside diameter (I)	For round post	For square post	Neck height † (G)	Astragal ring ‡ (F)				
6"	5'	5 1/16"	4 3/4"	4 13/16"	3 3/4"	3 3/8"	2 1/2"	3"	1/2"	1/2"	23 1/16"	n/a	n/a
	6'										35 1/16"		
	8'										59 1/16"		
8"	5'	7 5/8"	6 3/4"	6 19/32"	5 1/2"	5 1/8"	3 1/2"	4 1/4"	1/2"	1 1/16"	14 1/16"	n/a	n/a
	6'										26 1/16"		
	8'										50 1/16"		
	9'										62 1/16"		
10"	10'	9 11/16"	8 3/8"	8 9/16"	7 3/4"	7 3/8"	4 15/16"	5 1/8"	3/4"	7/8"	72 1/16"	65"	9 3/4"
	11'										0		
	12'										0		
	13'										10 1/16"		
	14'										34 1/16"		
12"	15'	11 5/8"	10 3/4"	10 1/16"	9 1/4"	8 7/8"	6"	4 3/4"	3/4"	1"	46 1/16"	56"	10 1/4"
	16'										58 1/16"		
	17'										82 1/16"		
	18'										0		
	19'										8 3/4"		
	20'										32 3/4"		
	21'										44 3/4"		
	22'										56 3/4"		
14"	23'	13 1/2"	11 1/2"	11 9/16"	10 1/2"	10 1/8"	6 3/8"	6 3/4"	1"	1 1/4"	80 3/4"	60"	11 3/8"
	24'										62"		
	25'										86"		
	26'										0		
	27'										33 1/4"		
	28'										45 1/4"		
	29'										57 1/4"		
	30'										81 1/4"		
	31'										57 1/4"		
	32'										81 1/4"		
16"	33'	15 7/16"	13 1/2"	13 1/8"	12"	11 5/8"	7 7/16"	7 3/8"	1"	1 1/16"	105 1/4"	87"	11 3/8"
	34'										129 1/4"		
	35'										16 1/4"		
	36'										28 1/4"		
	37'										18 1/2"		
	38'										30 1/2"		
	39'										42 1/2"		
	40'										66 1/2"		
	41'										27 1/4"		
	42'										51 1/4"		
18"	43'	17 3/8"	15"	14 5/16"	12 3/4"	12 3/8"	8 5/16"	7 7/8"	1"	1 1/2"	75 1/4"	n/a	n/a
	44'										99 1/4"		
	45'										13 3/8"		
	46'										25 3/8"		
	47'										37 3/8"		
	48'										61 3/8"		
	49'										85 3/8"		
	50'										26 1/8"		
	51'										50 1/8"		
	52'										74 1/8"		
20"	53'	19 3/8"	18"	16 5/16"	14 7/8"	14 1/2"	10"	9 3/16"	1 3/8"	1 11/16"	98 1/8"	n/a	n/a
	54'										122 1/8"		
	55'										0		
	56'										22 1/4"		
	57'										46 1/4"		
	58'										70 1/4"		
	59'										40 3/8"		
	60'										64 3/8"		
	61'										88 3/8"		
	62'										112 3/8"		
24"	63'	23 3/8"	22"	19 5/16"	18"	17 5/8"	12 3/16"	12"	1 5/8"	2 1/8"	8"	n/a	n/a
	64'										32"		
	65'										56"		
	66'										24 13/16"		
	67'										48 13/16"		
	68'										72 13/16"		
	69'										96 13/16"		
	70'										120 13/16"		
	71'										144 13/16"		
	72'										8"		



The "Space Available Inside Shaft" measurements are calculated at the top inside diameter (with  $\pm 3/8"$  tolerance), when using Tuscan or Roman Doric caps. Fluted columns will have reduced tolerances.



Refer to page 13 for Concentric and Eccentric load capacities.

\* Diameters may vary  $\pm 1/8"$ .

† Neck Height is the distance from the top of the shaft to the top of the astragal ring,  $\pm 1/8"$ .

‡ Astragal ring is only the ring portion, and does not include the fillet and cove.

# SAFETY DATA SHEET

PolyClassic™

## 1. Product and company identification

**Product name** PolyClassic™

**Product use** Building Materials

**Chemical description** Cured Stone Filled Polyester Column

**Manufacturer information** CW Ohio Inc.  
1209 Maple Avenue  
Conneaut, OH 44030  
440.593.5800

**Section 1 notes:** These parts are sold as articles and as such fall under the 'article exemption' in OSHA's Hazard Communication Standard (29 CFR 1910.1200). The following information is provided in the event that any cutting or grinding on the part is undertaken.

## 2. Hazards Identification

Health hazards are primarily related to dust created during cutting or sanding. Product itself is inert and nonhazardous. Normal good hygiene practices should be followed.

**Eyes:** Eye contact with airborne dust may cause immediate or delayed irritation or inflammation. Eye exposure may require immediate first aid treatment and medical attention to prevent damage to the eye.

**Skin:** Skin contact with dust or glass fibers may cause irritation, dry skin, or abrasion.

**Ingestion:** Unlikely occurrence but may cause irritation.

**Inhalation:** Breathing dust generated from machining this product or handling may cause nose, throat or lung irritation including coughing or choking depending on the degree of exposure.

## 3. Composition/information on ingredients

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>
Cured Thermoset Polyester Resin (FRP Composite)	N/A	25% - 40%
Calcium Sulfate	7778-18-9	60% - 75%
Hydrated Alumina	21645-51-2	4% - 8%
Glass Fiber	65997-17-3	2% - 5%
Titanium Dioxide	13463-67-7	< 1%

## 4. First Aid Measures

**Eyes:** Flush eyes thoroughly with water for at least 15 minutes, including under eye lids, to remove all particles. Seek medical attention for abrasions.

**Skin:** Wash with soap and water.

**Ingestion:** If person is conscious, give 2-3 glasses of water, then see a physician. Never give anything to an unconscious person.

**Inhalation:** Breath fresh air, oxygen if needed.



## 5. Fire-Fighting Measures

**Flash point:** N/A

**Extinguishing media:** Water, water fog, dry chemical, carbon dioxide, or foam.

**Special firefighting procedures:** Wear self-contained breathing apparatus and protective firefighting clothing.

**Unusual fire and explosion hazards:** Dust is combustible when exposed to sparks, heat or flame and may form explosive mixtures with air.

## 6. Accidental Release Measures

**Accidental release measures:** Solid molded articles do not represent a spill hazard.

## 7. Handling and Storage

**Handling and Storage:** General precautions should be followed depending on activities. If cutting/grinding, do so where there are no ignition sources and adhere to good housekeeping practices. Store away from sources of direct heat.

## 8. Exposure Controls/Personal Protection

When performing any sort of cutting/grinding or other processing of the article, good industrial hygiene practices must be followed.

**Engineering controls:** Use adequate ventilation when cutting or sanding.

**Respiratory protection:** Use protective filter mask when cutting or sanding.

**Eye protection:** Use goggles or safety glasses.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Solid Gray-Beige Color
<b>Odor</b>	None
<b>Physical state</b>	Solid
<b>Boiling point</b>	N/A
<b>Vapor density (air = 1)</b>	N/A
<b>Specific gravity (water = 1)</b>	~2.03 g/cc

## 10. Stability And Reactivity

**Stability:** Stable

**Conditions to avoid (stability):** Do not generate airborne dusts in the presence of an ignition source when cutting or grinding.

**Hazardous decomposition or by-products:** CO<sub>2</sub>, CO, Monomer fumes.

**Hazardous polymerization:** Will not occur

## 11. Toxicological Information

**Acute Effects:** Exposure to dust may cause irritation to the eyes, skin and respiratory tract.

**Chronic Effects:** Exposure to dust from cutting, drilling, grinding, etc. may cause irritation to the eyes, skin and respiratory tract.

## 12. Ecological Information

**Ecological information:** No information is available. Toxicity is expected to be low based on insolubility in water.

## 13. Disposal Considerations

**Waste disposal method:** Disposal in accordance with local, state, and federal regulations for disposal of solid waste.

## 14. Transport Information

### U.S. Department Of Transportation

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class:</b>	Not regulated
<b>Id number:</b>	Not listed

## 15. Regulatory Information

### U.S. Federal Regulations

TSCA (Toxic Substance Control Act): All ingredients are included in the TSCA chemical inventory.

CERCLA (Comprehensive Response Compensation, And Liability Act): Not applicable

SARA TITLE III (Superfund Amendments And Reauthorization Act): This product does not contain reportable quantities of substances subject to supplier notification.

## 16. Other Information

### NFPA Hazard classification (for article)

HEALTH: 1	FLAMMABILITY: 1	REACTIVITY: 0
OTHER:		

**Disclaimer:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. CW Ohio Inc. makes no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. CW Ohio Inc. will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.

<b>Effective Date</b>	01-July-2015
<b>Prepared by</b>	CW Ohio Inc. 440.593.5800