

HISTORIC LANDMARK COMMISSION
DECEMBER 11, 2017
DEMOLITION AND RELOCATION PERMITS
HDP-2017-0640
2318 TOWNES LANE

PROPOSAL

Partial demolition and modifications to the front of a ca. 1940 house.

ARCHITECTURE

Two-story, rectangular-plan, side-gabled brick veneered house with an ornamental front-gabled bay to the right of the front door; cantilevered second story over square brick piers; a pair of bow picture windows on the ground floor; single and paired Colonial Revival-styled fenestration; several rear additions, and a carport to the right of the main house.

City permit records indicate a number of additions to the house from the 1980s through 2007.

RESEARCH

The house was built in 1940 by the Westenfield Development Company, the developers of much of Tarrytown. The house was first owned and occupied by J.W. "Wally" Sewell and his wife, Evelyn, who lived here until around 1944. Wally Sewell was an attorney in private practice in Austin; in 1948, he moved to San Antonio, where he spent the rest of his life. He was an assistant Bexar County Attorney at the time of his death in 1962.

From around 1944 until their deaths in 1982, the house was owned and occupied by William W. "Bill" and Florence Coates. Bill Coates was a ceramics engineer who had been born in Nebraska. He was also a building materials salesman, and was the manager of a saw manufacturing company in Austin for many years. In the mid-1950s, he served as vice-president of the Coates Company, tile dealers, with offices at 910 N. Lamar Boulevard. He was also a prominent horticulturalist, and this house on Townes Lane served as his gardens. He was frequently cited in the Austin newspapers for his expertise on horticultural issues, and was noted for growing a huge variety of plants at his Townes Lane house, including varieties of hibiscus, lemon trees, and other exotic plants. He also served on the City's Parks Board for several years. In his business life, Coates helped develop a vertical brick-laying machine that revolutionized the construction of brick walls. Both he and his wife died in 1982.

STAFF COMMENTS

The house is beyond the bounds of any city survey to date.

Staff has evaluated this house with reference to the criteria for landmark designation:

- a. **Architecture.** The house is an adaptation of the Colonial Revival style with a cantilevered second story, a relatively rare feature in Austin architecture; however, it is unclear what is original on this house, and what has been added over the years, especially since the 1980s, to make an informed determination of historical architectural significance. The proposed modifications to the front of the house will significantly compromise the Colonial Revival character of the building.
- b. **Historical association.** The longest-term owners of this house were Bill and Florence Coates; Bill Coates was a ceramics engineer, who helped develop a revolutionary brick-laying machine for rapid construction of brick walls, but perhaps his most significant contributions to Austin's history and culture

stem from his horticultural pursuits and his cultivation of many exotic plants on this property.

- c. **Archaeology.** The house was not evaluated for its potential to yield significant data concerning the human history or prehistory of the region.
- d. **Community value.** The house does not possess a unique location, physical characteristic, or significant feature that contributes to the character, image, or cultural identity of the city, the neighborhood, or a particular demographic group.
- e. **Landscape feature.** The property may qualify as a landscape feature for Bill Coates' horticultural endeavors on this property. Newspaper articles reference that he had over 30 different varieties of hibiscus and over 70 varieties of camellias growing on this property at one time. If those plants have survived since his death, then this house is virtually a private botanical garden.

STAFF RECOMMENDATION

Postpone to December 18, 2017 to fully evaluate the house in light of the criteria for landmark designation regarding architecture, historical associations, and landscape feature. If the Commission decides to release the permit, then staff recommends the completion of a City of Austin Documentation Package, consisting of photographs of all elevations, a dimensioned sketch plan, and a narrative history, plus detailed photographs of the grounds of this house as they relate to Bill Coates' gardens, for archiving at the Austin History Center.

LOCATION MAP



-  N
-  SUBJECT TRACT
-  PENDING CASE
-  ZONING BOUNDARY

NOTIFICATIONS

CASE#: HDP-2017-0640
LOCATION: 2318 Townes Lane



1" = 119'

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

This product has been produced by CTM for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

2318 Townes Lane
ca. 1940



OCCUPANCY HISTORY
2318 Townes Lane

City Directory Research, Austin History Center
By City Historic Preservation Office
November, 2017

- | | |
|---------|--|
| 1985-86 | William and Cindy Raman, owners
Associate, Arnold White & Durkee |
| 1977 | William W., Jr. and Florence W. Coates, owners
Retired |
| 1968 | William W., Jr. and Florence W. Coates, owners
Retired |
| 1962 | William W., Jr. and Florence W. Coates, owners
Vice-president, Clipper Manufacturing Company, ceramics consultant, 910 N.
Lamar Boulevard. |
| 1959 | William W., Jr. and Florence W. Coates, owners
Vice-president, Coates Company, tile distributors, 910 Lamar Boulevard. |
| 1957 | William W., Jr. and Florence Coates, owners |

Vice-president, Coates Company, tile dealers, 910 Lamar Boulevard.
Also listed is William W. Coates, III, a student.

- 1954 William W., Jr. and Florence W. Coates, owners
President, Coates Company, brokers, 910 Lamar Boulevard; president, Clipper Manufacturing Company, saws, 910 Lamar Boulevard; and manager, Acme Brick Company, manufacturers, 910 Lamar Boulevard.
Also listed is Florence C. Coates, a student.
- 1952 William W., Jr. and Florence Coates, owners
District manager, Clipper Manufacturing Company, saws, 900-A Lamar Boulevard.
- 1949 William W., Jr. and Florence Coates, owners
District manager, Clipper Manufacturing, saws, 2721 Guadalupe Street.
- 1947 William W., Jr. and Florence Coates, owners
Manager, Clipper Manufacturing Company, saws, 2721 Guadalupe Street.
- 1944-45 W.W. and Florence Coates, owners
No occupation listed
NOTE: William C. [sic] and Florence Coates are also listed at 1424 Preston Avenue; he was the manager of Clipper Manufacturing company, saw manufacturers, 2721 Guadalupe Street.
NOTE: John W. and Evelyn Sewell are listed at 2511 Spring Lane. He was a lawyer, with offices at 823-24 Brown Building, 710 Colorado Street.
- 1942 John W. and Evelyn Sewell, owners
Lawyer, 823-24 Brown Building, 710 Colorado Street.
NOTE: William W., Jr. and Florence Coates are listed at 1424 Preston Avenue; he was the manager of the Coates Company, electrical supplies, 2721 Guadalupe Street.
NOTE: J.W. (Wally) Sewell's 1962 obituary shows that he was a partner in the Smith and Sewell law firm in Austin from 1938 until 1948, when he and his family moved to San Antonio. He was an assistant district attorney I the civil section of Bexar County in San Antonio at the time of his death.
- 1941 John W. and Evelyn Sewell, owners
Partner (with Langston Smith), Smith & Sewell, attorneys, 821 Brown Building, 710 Colorado Street.
- 1940 The address is not listed in the directory.
NOTE: John W. and Evelyn Sewell are listed at 2420 Harris Boulevard. He was a partner with Langston Smith in Smith and Sewell, attorneys-at-law, 821 Brown Building, 710 Colorado Street.

BIOGRAPHICAL NOTES:

William W., Jr. and Florence Coates (ca. 1944 – ca. 1982)

The 1940 U.S. Census shows William and Florence Coates at their former home at 1424 Preston Avenue, a house they rented. William Coates was 42, had been born in Nebraska, and was a building materials salesman. Florence Coates was 40, had been born in Missouri, and had no occupation listed. They had 2 children: Florence Clare, 5; and William Coates, III, 2. Both children had been born in Texas.

The 1930 U.S. Census shows William W. and Florence W. Coates living at the Flatiron Hotel on St. Mary's Avenue in Omaha, Nebraska. William W. Coates was 32, had been born in Nebraska, and was a ceramics engineer in the building materials business. Florence W. Coates was 30, had been born in Missouri, and was a stenographer in a general office. They had no children listed with them.

William Waldron Coates, Jr. died in January, 1982. His death certificate shows that he was living at Westminster at 4100 Jackson Avenue at the time of his death, but that his home address was this house. He was born in Nebraska in 1897, and was an engineer and salesman for ceramics. Florence Clara Weber Coates died in November, 1982. She was living at Westminster Manor at the time of her death. She was born in 1899 in Missouri and was a homemaker.

Coates Expands Hibiscus Collection With Cuttings

By NELLA MAE DIETER
The Austin Statesman Society Staff

The search for hibiscus varieties need not end prosaically with what the seed catalogs or nurseries have to offer. So says W. W. Coates who has 30 varieties of hibiscus growing in his garden at 2318 Townes lane.

"I keep my eyes open for new hibiscus and when I'm on a trip, I stop every time I spy one my garden doesn't hold. Then I wheedle a cutting from the owner," Coates says. "In taking a cutting, be sure to get new wood. It is sure to take root when you put it into productive soil."

The way gardener Coates achieves his excellent rootings and subsequent successful hibiscus blooms is to stick the new-found cutting into a propagation bed which he has prepared near his garage. The bed is shaded and is a mixture of one-third to one-half peatmoss and sand and rich dirt. Kept moist the hibiscus cuttings send out roots, and after a stay in that bed to gain sufficient strength, these new roots are ready to be transplanted to the garden.

"Hibiscus will take any kind of abuse but cold weather," according to Coates, who will give special

attention to his varieties before frost time. For the new cuttings just rooted this year he plans to dig around them and "hill up" dirt around them, thus protecting them below the dirt line. The larger hibiscus plants he will protect with boxes he makes and stacks away during the summer months. It is possible to force hibiscus into a dormancy period during the winter by digging them and keeping a ball of dirt around the roots while they are in the cellar or some other warm place. Mr. Coates suggests that the roots be kept damp during this time.

The success of the Coates hibiscus comes largely from the preparation of permanent beds in which they live, Mr. Coates believes. He is a great advocate of the value of manure for any flower bed. As he says, "manure has a high water retention value, and that is important in Austin where the summer sun takes away so much of the water needed by the plants." To prepare a permanent growing place for hibiscus Mr. Coates prefers one-third black gummy dirt, one-third sharp sand, and one-third cow manure or peatmoss. In his garden all beds are dug 18 inches deep and filled four to six inches above ground level. The hibiscus stand where they get full sun.

"Hibiscus are heavy feeders and vicious growers," Mr. Coates says. He acidifies the soil in the hibiscus bed by sprinkling one handful of copperas on the topsoil for every foot in height of the hibiscus. Next year he plans to experiment with degrees of acidity, observing the results in two beds containing different strengths of copperas.

Not too concerned with the names of his varieties, which indeed he has no way of knowing in many instances, one of Mr. Coates favorites is Kamapva, colored like the Talisman rose.

His garden is full of uncommon plants which give him a great deal of satisfaction in proving his theory that "any plant which lives in California can adapt to Austin." In his garden now are rhododendron plants budding; four varieties of holly—English, Japanese, Chinese, and American. He grows dogwood and says it does beautifully when given the same treatment as camellias. Three varieties of ginger lilies, a white redbud, six shades of japonica, and yellow poinsettias are part of his gardening pleasure along with his hibiscus.

Article on W.W. Coates' hibiscus garden at this house
Austin Statesman, October 1, 1945

Anything Will Grow in Austin Soil

Some years ago, W. W. Coates Jr. a ceramic engineer and business executive with a dozen irons in the fire, decided he would have to concentrate on one hobby and one hobby only.

He found gardening more stimulating than bridge, more rewarding than golf.

Coates' sprawling lawn at 2318 Townes Lane, open at the front and

walled midways to form a secluded back yard, is the proof of his decision. In an offhand and deceptive simple method of operations, he has achieved several botanical rarities for Austin, including a small but lively production in citrus products. The fact that citrus groves in Texas are presumably limited to the Rio Grande Valley is the thing that got him interested, of course, for one of Coates' chief characteristics is an instinct to try to disprove almost any given fact.

"I have simply shown to my own satisfaction that you can grow anything in Austin if you really want to," he said.

Coates is growing lemons and kumquats on the east side of his house. The sweep from the north is broken, and in winter the young trees are benefited by their position next to vents from the house. Coates is immensely pleased that his lemons and kumquats, though frozen to the ground last February, survived the severest winter in 50 years.

He has harvested lemons the size of oranges, Coates reported. The kumquats are gastronomically interesting to him because he wants to try out an English marmalade recipe he acquired some where.

Coates is also demonstrating that olives can be grown in Austin—slowly, of course, but surely. (Groves planted by the Romans 2,000 years ago are still being harvested in Europe.) He has an English walnut coming along nicely, almonds and a grafted product that is supposed to yield hickory-pecans. Coates admits he is pretty curious about this last number.

Banana production is no longer a novelty in Austin, but Coates is nursing an import from New Orleans, a dwarf fruiting banana in which he is interested.

Coates makes no claim to being Irish, and therefore has no call on a green thumb. He does, however, have a remarkable facility for sticking something in the ground and

getting it to grow, apparently with a minimum of effort. He has cut through the abracadabra common to many gardeners, particularly women gardeners, and describes his operation in a remarkably lucid style. "Mix three parts black dirt and one part sharp sand," he advises. "Then you're ready to go to work." He uses the iron sulfates with a liberal hand to acidize the strongly alkiline soil typical of Austin.

Actually, Coates' methods are more meticulous than his description of them indicates. He may plant identical varieties in several kinds of mixtures, then observe them closely to pick out the one that progresses best. He also tries out varieties of the same plant, discarding the ones he finds least amenable to wind and soil. Coates has a greenhouse for rooting and nurturing tender plants. One of the things he hopes to develop there is a night-blooming cereus that blooms in the day.

Coates has never taken a census in his yard and he doesn't know how many trees, shrubs, vines and plants he has there. He believes he has some 70 varieties of camellias, however. A lot of things have been sent to him from over the world, amateur gardeners being bound together in a great and nameless fraternity; other things he picks up in travels over the country.

"I wouldn't say this is a lazy man's hobby," Coates puts it, "because you can't turn your back on it. You have to work a little every day, or almost every day. I'm out of town a part of the time and I have to dig in to catch up when I come back. But I don't know of a better way to put in your time, at that."



EXOTIC PLANT — Bill Coates examines a leaf of the rare Cat's Claw Climber growing in a cedar tree at his home at 2318 Townes Lane. The solid yellow South American climb-

er is one of several tropical plants growing in Coates' yard. Coates said he has traveled all over the world and doesn't remember where he got the plant.

Article on William W. Coates, Jr.'s cat's claw climber at this house
Austin American-Statesman, April 15, 1971



NEW BRICK WALL PROCESS—A vertical brick-laying machine, first of its kind in the world, forms a 12 by 12 foot reinforced wall at the Elgin Standard plant near Elgin. The giant machine, which resembles an oversize waffle iron, can form the bricks or any other masonry material into varying patterns at the rate of 2,000 per hour. Developed by W. W. Coates and

Mac McLarney of the CM Masonry Process Corporation, the machine can also insulate or plaster walls, complete with provision for water pipes and conduits. Time for one wall from loose brick to the finished panel is 30 minutes. This time could be cut to 10 minutes if a fast-drying mortar is used, Coates, a ceramic engineer, said.

News story on the development of a vertical brick-laying machine developed by W.W. Coates and Mac McLarney
Austin Statesman, July 1, 1964

Westenfield Dev.Co.

2318 Townes Lane
153 & E.25' of
152

Tarry-Town #6

2-story brick ven.res.& frame gar.

300n - 1-5-40

10

Building permit to the Westenfield Development Company for the construction of this house
(1940)

Connection Charge \$ #2343 N^o 16903

APPLICATION FOR SEWER CONNECTION.

Austin, Texas, 5-13 1940

To the Superintendent of Sewer and Public Improvements,
City of Austin, Texas

Sir:—

I hereby make application for sewer connection and instructions
on premises owned by W W Huff
at 2318 Townes Lane Street
153 & E.25' of 152
further described as lot _____, block _____, outlot _____
subdivision Tarrytown #6, division _____, plat _____
which is to be used as a Res

In this place there are to be installed 10 fixtures.

I agree to pay the City Sewer Department the regular ordinance
charge.

3 DEEP Respectfully,
AT - PL [Signature]
Stub Out DTG.

Connected 5-21 1940 Per Ad

Size of Main 6 inches. 1-22-40

Size of Service 4 inches. 1-13-40
OR

5 Feet Deep in ST

12 Feet from Property Line Per 36'
Feet from Curb Line E of W

Inspected by [Signature]

Connection made by [Signature] L 6

129102 31 B-1340
B-1340

Sewer connection application by W.W. Huff for this address (1940)

WATER SERVICE PERMIT **No 20140** Sec. 162

Austin, Texas

Received of W.W.Coates Jr Date 8-23-43

Address 2318 Townes Lane

Amount Two and 50/100 \$ 2.50

Plumber self Size of Tap 5/8"

Date of Connection 9-23-43

Size of Tap Made 3/4"

Size Service Made 1/4"

Size Main Tapped 6"

From Front Prop. Line to Curb Cock 46'

From E Prop. Line to Curb Cock 27'

Location of Meter CURB

Type of Box WALK

Depth of Main in St. _____

Depth of Service Line _____

From Curb Cock to Tap on Main _____

Checked by Engr. Dept. M.B.Z 10-6-43

No. Fittings	Size	Curb Cock	Elbow	St. Elbow	Bushing	Reducer	Pipe	Lead Comp.	Nipples	Union	Plug	Box	Lid	Valves	Job No.	Reg. No.
1											1 Tee	1 Stop			W 323-501	BENSON

Water service permit to William W. Coates, Jr. for this house (1943)

W. W. Coates **2318 Townes Lane**
153 and 1/2 of
162 **152**

Tarrytown #6

Brick veneer addition to residence

33005 2-26-47

\$2500.00

C. E. Ward

None

Building permit to William W. Coates, Jr. for a brick veneer addition (1947)

City records show that air conditioning was added to the house in 1984, the same year as a permit was issued for an addition to create a utility room. A permit was issued in 1986 for a second-story guest room, and a second-story master suite was permitted in 1992. A permit was issued in 2007 for a living room, dining room, and master suite to the guest house.

 <p>CITY OF AUSTIN Development SERVICES DEPARTMENT</p> <p>Residential Review – One Texas Center 505 Barton Springs Road, Austin, TX 78704; (512) 978-4000</p>	<h2 style="margin: 0;">Residential New Construction and Addition Permit Application</h2>
Property Information	
Project Address: 2318 TOWNES LANE	Tax Parcel ID: 0117040412
Legal Description: LOT 1TOWNES LANE ADDN	
Zoning District: SF-3-NP	Lot Area (sq ft): 13,801.00
Neighborhood Plan Area (if applicable): WANG	Historic District (if applicable):
Required Reviews	
Is project participating in S.M.A.R.T. Housing? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <small>(If yes, attach signed certification letter from NHCD, and signed conditional approval letter from Austin Energy Green Building)</small>	Does project have a Green Building requirement? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, attach signed conditional approval letter from Austin Energy Green Building)</small>
Is this site within an Airport Overlay Zone? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, approval through Aviation is required)</small>	Does this site have a septic system? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, submit a copy of approved septic permit)</small>
Does the structure exceed 3,600 square feet total under roof? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, Fire review is required)</small>	Is this property within 200 feet of a hazardous pipeline? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, Fire review is required)</small>
Is this site located within an Erosion Hazard Zone? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, EHZ review is required)</small>	Is this property within 150 feet of the 100 year floodplain? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(Proximity to floodplain may require additional review time.)</small>
Is there a protected sized tree on this lot or adjacent lot(s)? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>Note: Include tree location(s) on plot plan. (If yes, click here for more information on the tree permit process)</small>	
Is this site within the Residential Design and Compatibility Standards Ordinance Boundary Area? (LDC 25-2 Subchapter F) <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Does this site currently have: water availability? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N wastewater availability? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If no, contact Austin Water Utility to apply for water/wastewater taps and/or service extension request.)</small>	
Are there existing water/wastewater infrastructure, appurtenances or existing water/wastewater easements located on site? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, contact Austin Water Utility Pipeline Engineering for review and approval)</small>	
Does this site have or will it have an auxiliary water source? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(Auxiliary water supplies are wells, rainwater harvesting, river water, lake water, reclaimed water, etc.) (If yes, submit approved auxiliary and potable plumbing plans.)</small>	
Does this site require a cut or fill in excess of four (4) feet? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, contact the Development Assistance Center for a Site Plan Exemption)</small>	
Is this site within the Waterfront Overlay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(LDC 25-2 Subchapter C Article 3)</small>	Is this site within the Lake Austin Overlay? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(LDC 25-2-180, 25-2-647)</small>
Does this site front a paved street? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If no, contact Development Assistance Center for Site Plan requirements.)</small>	Is this site adjacent to a paved alley? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(Public Works approval required to take access from a public alley.)</small>
Does this site have a Board of Adjustment (BOA) variance? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N Case # _____ (if applicable)	
Does this site have a Residential Design and Compatibility Commission (RDCC) waiver? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, provide a copy of decision sheet. Note: A permit cannot be approved within 10 days of approval of a variance from BOA.)</small>	
Description of Work	
Is Total New/Added Building Area > 5,000 Sq Ft? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(If yes, construction material recycling is required per LDC 25-11-39)</small>	
Existing Use: vacant <input checked="" type="checkbox"/> single-family residential duplex residential two-family residential other: _____	
Proposed Use: vacant <input checked="" type="checkbox"/> single-family residential duplex residential two-family residential other: _____	
Project Type: new construction addition <input checked="" type="checkbox"/> addition/remodel other: _____	
Will all or part of an existing exterior wall, structure, or roof be removed as part of the project? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N <small>(Note: Removal of all or part of a structure requires a demolition permit application.)</small>	
# existing bedrooms: 3	# bedrooms upon completion: 3
# baths existing: 3.5	# baths upon completion: 3.5
Project Description: <small>(Note: Please provide thorough description of project. Attach additional pages as necessary.)</small> REMODEL TO FOYER, DINING, LIVING ROOM - ENTIRE 1st FLOOR, All of Second except Master Suite ADDITION TO FOYER, DINING, LIVING ROOM, CREATE NEW PORCH	
Trades Permits Required (Circle as applicable): <input checked="" type="checkbox"/> electric plumbing mechanical (HVAC) concrete (R.O.W.)	

Job Valuation		
Total Job Valuation: \$ <u>909,000.00</u>	Amount for Primary Structure: \$ <u>375,000</u> Elec: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Plmbg: <input type="checkbox"/> Y <input type="checkbox"/> N Mech: <input type="checkbox"/> Y <input type="checkbox"/> N	Total Remodeled Floor Area <u>4000</u> sq ft.
Note: The total job valuation should be the sum total of all valuations noted to the right. Labor and materials only, rounded to nearest dollar.	Amount for Accessory Structure: \$ _____ Elec: <input type="checkbox"/> Y <input type="checkbox"/> N Plmbg: <input type="checkbox"/> Y <input type="checkbox"/> N Mech: <input type="checkbox"/> Y <input type="checkbox"/> N	(work within existing habitable square footage)

Please utilize the Calculation Aid on the last page of the Additional Information, page 7, as a guide to complete the following calculations and to provide supplemental information for thorough review.

Site Development Information						
Area Description <small>Note: Provide a separate calculation for each distinct area. Attach additional sheets as necessary. Measurements are to the outside surface of the exterior wall.</small>	Existing Sq Ft		New/Added Sq Ft		Total Sq Ft	
	Bldg 1	Bldg 2	Bldg 1	Bldg 2	Bldg 1	Bldg 2
a) 1 st Floor conditioned area	2,211.00		45.00		2,256.00	0.00
b) 2 nd Floor conditioned area	2,134.00				2,134.00	0.00
c) 3 rd Floor conditioned area					0.00	0.00
d) Basement					0.00	0.00
e) Covered parking (garage or carport)	378.00	557.00			378.00	557.00
f) Covered patio, deck, porch, and/or balcony area(s)	159.00		95.00		254.00	0.00
g) Other covered or roofed area					0.00	0.00
h) Uncovered wood decks					0.00	0.00
Total Building Area (total a through h)	4,882.00	557.00	140.00	0.00	5,022.00	557.00
i) Pool					0.00	0.00
j) Spa					0.00	0.00
k) Remodeled Floor Area, excluding Addition / New Construction	—	—	—	—		

Building Coverage Information
Note: Building Coverage means the area of a lot covered by buildings or roofed areas, but excludes ground-level paving, landscaping, open recreational facilities, incidental projecting eaves, balconies, and similar features. Pools, ponds, and fountains are not included in this measurement. (LDC 25-1-21)

Total Building Coverage (sq ft): 3,286.00 % of lot size: 24

Impervious Cover Information
Note: Impervious cover is the total horizontal area of covered spaces, paved areas, walkways, and driveways. The term excludes pools, ponds, fountains, and areas with gravel placed over pervious surfaces that are used only for landscaping or by pedestrians. For an uncovered wood deck that has drainage spaces between the deck boards and that is located over a pervious surface, 50 percent of the horizontal area of the deck is included in the measurement of impervious cover. (LDC 25-1-23)

Total Impervious Cover (sq ft): 5,579.00 % of lot size: 40

Setbacks

Are any existing structures on this site a non-compliant structure based on a yard setback requirement? (LDC 25-2-492) Y N

Does any structure (or an element of a structure) extend over or beyond a required yard? (LDC 25-2-513) Y N

Is front yard setback averaging being utilized on this property? (LDC 25-2, Subchapter F, Sec. 2.3 or 25-2-778) Y N

Height Information (LDC 25-1-21 or 25-2 Subchapter F, Section 3.4) Building Height: <u>25</u> ft <u> </u> in Number of Floors: <u>2</u>	Parking (LDC 25-6 Appendix A & 25-6-478) # of spaces required: <u>3</u> # of spaces provided: <u>3</u>
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Right-of-Way Information

Is a sidewalk required for the proposed construction? (LDC 25-6-353) Y N

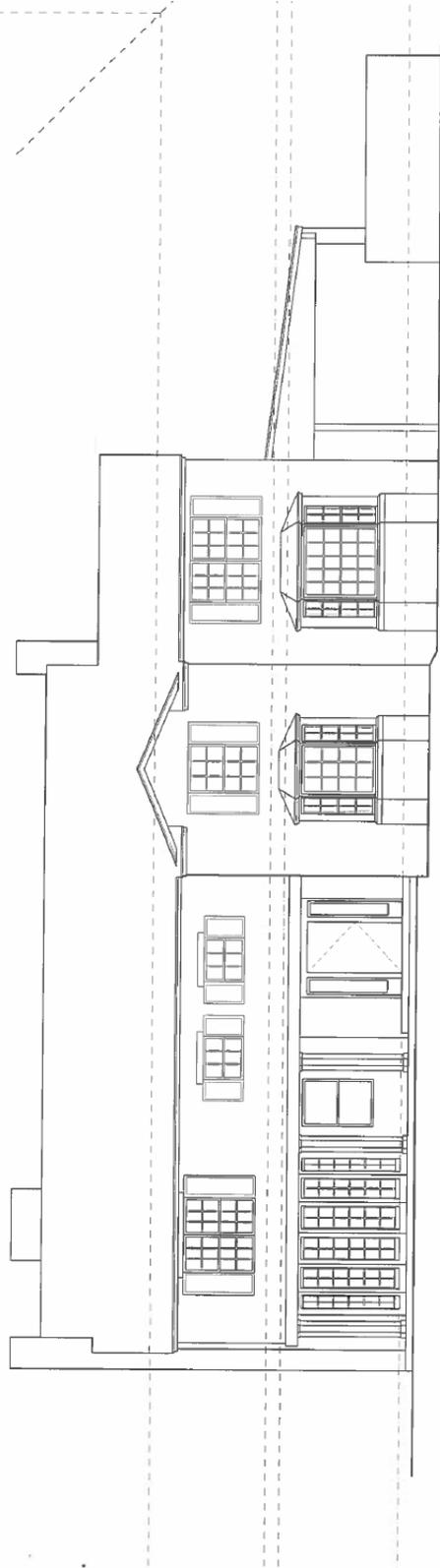
*Sidewalks are to be installed on any new construction of a single family, two-family or duplex residential structure and any addition to an existing building that increases the building's gross floor area by 50 % or more.

Will a Type I driveway approach be installed, relocated, removed or repaired as part of this project? Y N

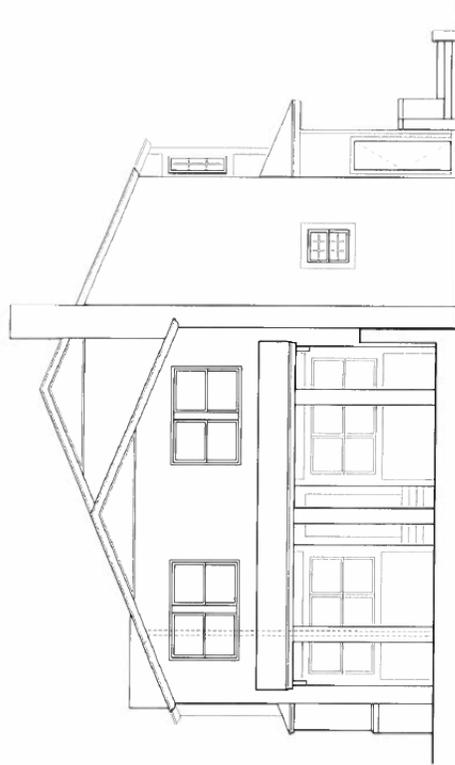
Width of approach (measured at property line): 9.0 ft Distance from intersection (for corner lots only): _____ ft

Are storm sewer inlets located along the property or within ten (10) feet of the boundaries of the property? Y N
(If yes, drainage review is required)

Subchapter F					
Gross Floor Area					
This section is only required for projects located within the Residential Design and Compatibility Standards Ordinance Boundaries as defined and illustrated in Title 25-2 Subchapter F of the Land Development Code. The Gross Floor Area of each floor is measured as the area contained within the outside edge of the exterior walls.					
	Existing Sq Ft	New/Added Sq. Ft	Proposed Exemption (check article utilized)	Applied Exemption Sq Ft	Total Sq Ft
1 st Floor	2,211.00	45.00			2,256.00
2 nd Floor	2,134.00				2,134.00
3 rd Floor					0.00
Area w/ ceilings > 15'			Must follow article 3.3.5		0.00
Ground Floor Porch* (check article utilized)	159.00	95.00	<input type="checkbox"/> Full Porch sq ft (3.3.3 A) <input checked="" type="checkbox"/> 200 sq ft (3.3.3 A 2)	95.00	159.00
Basement			Must follow article 3.3.3B, see note below		0.00
Attic			Must follow article 3.3.3C, see note below		0.00
Garage**: (check article utilized)	Attached		<input type="checkbox"/> 200 sq ft (3.3.2 B 1)		0.00
	Detached	557.00	<input checked="" type="checkbox"/> 450 sq ft (3.3.2 A 1 / 2a) <input type="checkbox"/> 200 sq ft (3.3.2 B 2a / 2b)	450.00	107.00
Carport**: (check article utilized)	Attached	378.00	<input checked="" type="checkbox"/> 450 sq ft (3.3.2 A 3) <input type="checkbox"/> 200 sq ft (3.3.2 B 1)***	378.00	0.00
	Detached		<input type="checkbox"/> 450 sq ft (3.3.2 A 1)		0.00
Accessory Building(s) (detached)	859.00				859.00
Totals	5,363.00	1,075.00			5,515.00
TOTAL GROSS FLOOR AREA (add Total Sq Ft column)					5,515.00
(Total Gross Floor Area ÷ Lot Area) x 100 = <u>40</u> Floor-To-Area Ratio (FAR)					
Is a sidewall articulation required for this project? Y <input checked="" type="checkbox"/> N					
(Yes, if: a wall, 15' tall or higher, within 9 feet of a side property line extends further than 36 feet in length per article 2.7.1)					
Does any portion of the structure extend beyond a setback plane/exemption exhibit (aka "tent")? Y <input checked="" type="checkbox"/> N					
(If Yes, indicate applicable section of Subchapter F and length of protrusion on the drawings.)					
*Ground Floor Porch exemption: A ground floor porch, including a screened porch, may be exempted, provided that the porch is not accessible by automobile and is not connected to a driveway; and the exemption may not exceed 200 square feet if a porch has habitable space or a balcony above it.					
**Garage and carport exemptions (in relation to primary structure): Exemptions must follow the code as outlined in Title 25-2 Subchapter F 3.3.2. Each amount listed (450 or 200) is the maximum exclusion allowed per the article designated. Note: Article 3.3.2 C, "An applicant may receive only one 450-square foot exemption per site under paragraph A. An applicant who receives a 450-square foot exemption may receive an additional 200-foot exemption for the same site under paragraph B, but only for an attached parking area used to meet minimum parking requirements."					
***Ordinance article 3.3.2 B 1 is the only 200 sq ft exemption that may be combined with a 450 sq ft exemption. Otherwise only one 450 exemption or one 200 sq ft exemption may be taken.					
Basement exemption: A habitable portion of a building that is below grade may be exempted if the habitable portion does not extend beyond the first-story footprint and is below natural or finished grade, whichever is lower, and it is surrounded by natural grade for at least 50% of its perimeter wall area and the finished floor of the first story is not more than three feet above the average elevation at the intersections of the minimum front yard setback line and the side property lines.					
Habitable Attic exemption: A habitable portion of an attic may be exempted if: 1) The roof above it is not a flat or mansard roof and has a slope of 3 to 12 or greater; 2) It is fully contained within the roof structure; 3) It has only one floor; 4) It does not extend beyond the footprint of the floors below; 5) It is the highest habitable portion of the building, or a section of the building, and adds no additional mass to the structure; and 6) Fifty percent or more of the area has a ceiling height of seven feet or less.					



EXTERIOR ELEVATION: AS-BUILT
(1/4" = 1'-0"
(1/8" = 1'-0" SHEET SCALE)



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