

Residential New Construction and Addition Permit Application

<u>DevelopmentATX.com</u> | Phone: 311 (or 512-974-2000 outside Austin) For submittal and fee information, see <u>austintexas.gov/digitaldevelopment</u>

Download the application before entering information.

Property Information					
Project Address:					
Legal Description:					
Zoning District:	Neighborhood Plan Area (if applicable):				
Lot Area (sq ft):	Historic District (if applicable):				
Required Reviews					
Is the project participating in S.M.A.R.T. Housing ? Y N	Does the project have a Green Building requirement? Y N				
(If yes, attach signed certification letter from NHCD, and signed conditional approval letter from Austin Energy Green Building)	(If yes, attach signed conditional approval letter from Austin Energy Green Building)				
Is this site within an Airport Overlay Zone? Y N	Does this site have a septic system ? Y N				
(If yes, approval through Aviation is required)	(If yes, submit a copy of the approved septic permit. OSSF review required)				
Does the structure exceed 3,600 square feet total under the roof?	Y N (If yes, Fire review is required)				
Is this property within 200 feet of a hazardous pipeline ?	Y N (If yes, Fire review is required)				
Is this structure within the WUI? (Wildland Urban Interface)	Y N (If yes, Fire review is required)				
Will a NFPA 13D automatic sprinkler system be installed?	Y N (If yes, Fire review is required)				
Is this site located within an Erosion Hazard Zone ?	Is this property within 100 feet of the 100-year floodplain ?				
Y N (If yes, EHZ review is required)	Y N (Proximity to floodplain may require additional review time.)				
Y N If yes, how many?	erty? Was there a pre-development consultation for the Tree Review? Y N				
(Provide plans with a tree survey, tree review required)	Proposed impacts to trees: (Check all that apply) Root zone Canopy Removal None/Uncertain				
Is this project requesting modification or Alternate Method of Compliance (AMOC)? YIs this a single-family unit within the boundary established by the Residential Design and Compatibility Standards , as defined in the Land Development Code (hereafter "LDC") Chapter 25-2, Subchapter F § 1.2.1?VN					
Does this site currently have: water availability? Y N wastewater availability? Y N	(If no, contact Austin Water Utility to apply for water/wastewater taps and/or service extension request.)				
Does this site have, or will it have an auxiliary water source? (Auxiliary water supplies are wells, rainwater harvesting, river water, lake	${ m Y}$ N (If yes, submit approved auxiliary and potable plumbing plans.) water, reclaimed water, etc.)				
Does this site require a cut or fill or a retaining wall in excess of 4 feet? (If yes, contact Land Development Information Services for a Site Plan Exemption) Y N	Is your project on a Residential Infill lot approved under the modified drainage regulations in LDC § 25-7-67? Y N				
Is this site within the Waterfront Overlay? Y N (LDC 25-2, Subchapter C, Article 3)	Is this site within the Lake Austin Overlay? Y N (LDC § 25-2-180)				
Does this site front a paved street? Y N	Is this site adjacent to a paved alley? Y N				
(If no, contact Land Development Information Services for Site Plan requirements.)	(Public Works approval required to take access from a public alley.)				
Does this site have a Board of Adjustment (BOA) variance? Y (If yes, provide a copy of the decision sheet. Note: A permit cannot be appro-					
Description of Work					
Is Total New/Added Building Area > 5,000 sq. Ft.? Y N	(If yes, construction material recycling is required per LDC §25-11-39)				
Project Type: new construction addition addition/remodel other:					
Existing Use: vacant single-family residential dup	olex residential two-unit residential three-unit residential ulti-family				
(For descriptions of uses, see LDC § 25-2-3)	-				
	lex residential two-unit residential three-unit residential lti-family				

City of Austin | Residential New Construction and Addition Permit Application

Is this structure 45 years or older per records of the Travis Central Appraisal District (TCAD), contributing to a National Register historic district, or zoned H for historic landmarks or HD for properties in locally designated historic districts? Y N Historic review required: Provide photos of each side of structure. One photo must show the entire elevation visible from the street. Photos must be two megapixels (1200 x 1600 pixels) or larger.								
Will greater than 50% of exterior walls be demolished? Y* N *If yes, submit a Demolition application in addition to this permit application. Greater than 50% of exterior walls demolished will require compliance with the Demolition Notification requirements (Ordinance 20201001-040).								
# existing bedrooms: # bedrooms upon completion: # baths existing: # baths upon completion:								
Project Description: (Note: Please provide thoro	ugh descripti	on of projec	t. Attach addit	ional pages as	s necessary.)	1	-	
	0 1	1 5		10	•			
Trades Permits Required (Check as applicable): electric plumbing* mechanical (HVAC) concrete (R.O.W.) *For projects with a proposed pool, will the pool have an autofill or heating system? Y N (If yes, this will trigger a plumbing permit)								
Total Remodeled Floor Area (if applica	uble)							
sq ft. (work within	n existing hab	itable squar	e footage)					
Job Valuation – For Properties in a Fle	oodplain (Only						
T-4-1 I-1 V-1			Amount for	· Dwelling U	Jnit(s):	\$		
Total Job Valuation: Amount for Dwelling Unit(s): \$				-				
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: $\$$ NElec: \Box Y \Box N $ $ Plmbg: YN $ $ Mech: \Box Y \Box N								
Site Development Information								
Area Description Note: Provide a separate calculation for each distinct area. Attach additional sheets	rea Description Existing sq. ft. to		ft.	Total sq. ft.				
each distinct area. Attach additional sheets as necessary. Measurements are to the outside surface of the exterior wall.	Bldg. 1	Bldg. 2	Bldg. 1	Bldg. 2	Bldg. 3	Bldg. 1	Bldg. 2	Bldg. 3
a) 1 st Floor conditioned area								
b) 2 nd Floor conditioned area								
c) 3 rd Floor conditioned area								
d) Basement								
e) Covered parking (garage or carport)								
f) Covered patio, deck, and/or porch								
g) Balcony								
h) Other covered or roofed area								
i) Uncovered wood decks								
Total Building Area (total a through i)								
j) Pool								
k) Spa								
l) Remodeled Floor Area, excluding Addition / New Construction								
The Calculation Aid on page 9 is to be used	l to comple	te the follo	wing calcula	ations and t	o provide a	dditional ir	nformation.	
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): % of lot size:								
Impervious Cover Information								
Note: Impervious cover is the total horizontal area of covered spaces including building coverage, 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): % of lot size:								

Does any stru	icture (or an	element of a struct	ure) extend over	ture based on a yard setback rec or beyond a required yard? (LD /? (LDC 25-2, Subchapter F, § 2.3* or	C 25-2-513) Y	2-492) Y N N N
Height Infor	mation (LDC	C § 25-1-21 or 25-2 S	Subchapter F, Sect	ion 3.4) Parking # of spaces	provided:	
		_ftin Numb	er of Floors:			
*Sidewalks are	required for to be installe	the proposed const	uction of a single fa	amily, two-unit, three-unit or duple	x residential structure ar	nd any addition to an
Will a Type I	driveway ap	proach be installed	l, relocated, remo	oved or repaired as part of this p	roject? Y	Ν
Width of app	roach (meası	ured at property lin	ne):	_ft Distance from intersec	ction (for corner lots of	only):ft
		ocated within ten (1 (10) feet of an inlet		d of any proposed driveway? tional review)	Y N	
Requireme	nts Applica	able within the S	Subchapter F I	Boundary (LDC Chapter 25	5-2, Subchapter F	§ 1.2.1)
This section i	s only requir		ly residential pro	ojects located within the boundar loor is measured as the area con		
		Existing sq. ft. to remain	New/Added sq. ft.	Proposed Exemption (check article utilized)	Applied Exemption sq. ft.	Total sq. ft.
1 st Floor						
2 nd Floor						
3 rd Floor						
Area w/ ceilin	ngs > 15'			Must follow article 3.3.5		
Ground Floor				Full Porch sq. ft. (3.3.3.A)		
(check article utilized) $\Box 200 \text{ sq. ft. (3.3.3 A 2)} $ Must follow article 3.3.3B,						
Basement ⁴				see note below		
Attic ⁵				Must follow article 3.3.3C, see note below		
Garage ² (check	Attached			200 sq. ft. (3.3.2 B 2b)		
article utilized) Detached				☐ 450 sq. ft. (3.3.2 A 1 / 2a)		
,	Demeneu			200 sq. ft. (3.3.2 B2A)		
Carport ² : (check	Attached			$\Box 450 \text{ sq. ft.} (3.3.2 \text{ A 3})$ $\Box 200 \text{ sq. ft.} (3.3.2 \text{ B 1})^3$		
article utilized) Detached				$\Box 200 \text{ sq. ft.} (3.3.2 \text{ A 1})$		
Accessory Bu (detached)						
Totals				TOTAL GROSS FLOOR AREA		
(Total Gross	Floor Area -	÷ Lot Area) x 100 :	=	Floor-To-Area Ratio (FAR)	
		required for this pro igher, within 9 feet o		N ne extends further than 36 feet in le	ngth per article 2.7.1)	
				ane/exemption exhibit (aka "ten rotrusion on the drawings.)	.")? Y N	

Single-Family Residential | Gross-Floor Area Exemptions

The following exemptions apply to the calculation of gross-floor area for single-family residential structures located within the boundaries established in LDC Chapter 25-2. Subchapter F, § 1.2.1) ONLY:

- 1. 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.
- 2. 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."
- **3.** Ordinance article 3.3.2 B 1 is 200 sq. ft. exemption may be combined with a 450 sq. ft. exemption. Otherwise only one 450 exemption or one 200 sq. ft. exemption may be taken.
- 4. **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.
- **5. 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 over 5 feet has a ceiling height of seven feet or less.

Requirements Applicable to Duplexes, Two-Unit Residential, and Three-Unit Residential

Duplexes, Two-Unit Residential, and Three-Unit Residential | Gross Floor Area

 This section is only required for residential duplex, two-unit residential, and three-unit residential projects located within the boundaries established in LDC Chapter 25-2, Subchapter F § 1.2.1 . Per LDC § 25-2-773(E), Gross Floor Area for these uses is the total enclosed area of all floors in a building with a clear height of more than six feet, measured to the outside surface of the exterior walls.

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A) Floor-To-Area Ratio (FAR) for Building 1

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (B) Floor-To-Area Ratio (FAR) for Building 2

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (C) Floor-To-Area Ratio (FAR) for Building 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (C) Floor-To-Area Ratio (FAR) for Building 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+B+C) Floor-To-Area Ratio (FAR) for Building 1 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+B) Floor-To-Area Ratio (FAR) for Buildings 1 & 2

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+C) Floor-To-Area Ratio (FAR) for Buildings 1 & 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+C) Floor-To-Area Ratio (FAR) for Buildings 1 & 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+C) Floor-To-Area Ratio (FAR) for Buildings 1 & 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =
 (A+C) Floor-To-Area Ratio (FAR) for Buildings 1 & 3 (if applicable)

 (Total Gross Floor Area ÷ Lot Area) x 100 =<

Duplexes, Two-Unit Residential, and Three-Unit Residential | Gross Floor Area Exemptions

Per LDC § 25-2-773(F), exemptions from Gross Floor Area may be available where existing structures are preserved through use of the Preservation Bonus. Please consult with staff for information on requirements and eligibility for using the Preservation Bonus.

Are you requesting to utilize the Preservation Bonus? Y* N *Gross Floor Area proposed for Preservation, which must have been legally permitted at least 20 years prior to the date of application:

Contact Information

Owner	Applicant/Agent				
Mailing Address	Mailing Address				
Phone	Phone				
Email	Email				
General Contractor	Design Professional				
Mailing Address	Mailing Address				
Phone	Phone				
Email	Email				

Authorization				
I understand that in accordance with Sections 25-1-411 and 25-11-66 of the Land Development Co				
with the LDC may be cause for the Building Official to suspend or revoke a permit and/or license.				
I further understand that no portion of any roof structure may overhang in any public utility or drait				
that the customer will bear the expense of any necessary relocation of existing utilities to clear this				
cost to repair any damage to existing utilities caused during construction. Water services, meters, a				
permitted within or beneath driveways or sidewalks. Private plumbing appurtenances will not be lo	cated in public right-of-way or			
public easements. Private plumbing lines will not cross lot lines.	· · · · · · · · · · · · · · · · · · ·			
I agree that this application is good for twelve (12) months after the date it is filed and will ex compliance within that time frame. If the application expires, a new submittal will be require				
the current code may be required. A one-time extension may be granted if requested in writi				
application expiration date.	ng prior to the			
I hereby certify that to the best of my knowledge and ability, the information provided in this appli	cation is complete and			
accurate. I further acknowledge that, should any information contained herein prove incorrect, the				
or revoke any resulting permit and/or licenseAs the owner or the authorized agent, my signature				
inspect the property for which this application is being submitted. I understand that without conser				
delayed.	1			
I also understand that if there is a septic system located on the property, I am required to complete				
(a.k.a. an OSSF or septic system) application by contacting Austin Water at (512) 972-0050 or oss				
initiates the septic system permitting requirement needed to proceed with the development review				
Erosion and Sedimentation Controls are required per Section 25-8-181 of the LDC. Failure to con				
may result in a Stop Work Order and/or legal action by the City of Austin including criminal	charges and fines of up to			
\$2,000.00 per day.				
I am the record owner of this property and authorize the agent/applicant listed above to apply for a behalf.	nd acquire a permit on my			
I have checked for any property-specific information that may affect the review and/or construction				
not limited to: any subdivision notes, deed restrictions, restrictive covenants, zoning conditional or				
requirements specific to proposed development on this property (collectively, the "Property Information"), located at:				
,				
I understand that the review of this project by the City of Austin will not include a review of any project by the City of Austin will not include a rev	rivate restrictive covenants or			
deed restrictions that may apply to this property.				
I am responsible for any conflicts between the Property Information and the request submitted to the				
acknowledge that I understand the implications of use and/or development restrictions that are a re				
Information. Additionally, I understand that the issuance of a City permit for this project does not a	affect the enforceability of any			
private restrictive covenants applicable to the property.				
I understand that if requested I must provide copies of any and all of the Property Information that	may apply to this property.			
Owner's name & signature:	Date:			
Applicant's name & signature:	Date:			
Design Professional's name & signature:	Date:			
General Contractor's name & signature:	Date:			



Residential New Construction and Addition Permit Application Additional Information

Building a Better and Safer Austin Together

DevelopmentATX.com | Phone: 311 (or 512-974-2000 outside Austin) For submittal and fee information, see <u>austintexas.gov/digitaldevelopment</u>

Application Process

For instructions of digital submissions, please visit Digital Development:

- $\hfill\square$ Completed application
- \Box Permit exhibits
- □ <u>Austin Energy Building Service Plan Application (BSPA)</u>
- Note: AE will review the BSPA concurrent with Plan Review. Please note per the fee schedule a BSPA review fee will be assessed per each submittal.
- Austin Water W&WW Service Plan Verification, if water demand is to increase or a dwelling is added. (e.g. addition of a bath) Note: The AW form and the plot plan must be stamped approved by AW prior to submittal. Please submit WWWSPV by email to awtaps@austintexas.gov.
- Required documentation if any portion of an exterior wall or roof is to be removed or modified for structures that are 45 years of age or older per records of the Travis Central Appraisal District (TCAD), contributing to a National Register historic district, or zoned historic (H zoning for historic landmarks or HD zoning for properties in locally designated historic districts). If submitting for a total demolition for new construction, demolition application must be submitted separately.

All drawings must be to a City of Austin verifiable scale, see **Building Criteria Manual** for additional details and a list of acceptable scales.

<u>Check for expired permits</u>. If there are expired permits associated with this property, they must be resolved. This can be done in the following ways:

Submit an Acknowledgement of Expired Permits form with this application if the work is not related to the work being permitted. OR Include it in the description of work on this application and reference expired permits to be resolved

If the Acknowledgement of Expired Permits form is used for this project, information about what will be required to resolve the expired permit(s) can be obtained by making an appointment with Residential Review staff.

All new construction must comply with the Visitability Ordinance.

For submittal and additional information, go to the Residential Plan Review Website.

About the Review Disciplines

Technical Review

Any permit exhibits not sealed and signed by a Texas-registered architect or certified building designer will be subject to a limited technical review. The technical review is not intended to be exhaustive of all possible building code requirements.

Erosion Hazard

There is a review of structural design if a property is located in the Erosion Hazard Zone, as defined by the boundaries located on the City of Austin GIS map. These zones align with locations where water flow and watershed could lead to erosion damage of the surrounding land features (e.g creeks, stream beds, etc).

Fire Review

There is additional review of a project if the square footage of a structure exceeds 3,600 square feet in area. The 3,600 sq. ft. includes the total gross building area: all first, second, and additional floor areas; attached covered porches, patios, decks, and balconies; attached garages; and any other attached roofed areas. The review ensures adequate proximity to fire hydrants and sufficient water supply to the hydrants based on the total gross area of the structure. Properties within 200 feet of a hazardous pipeline may also require additional review. Projects within the <u>Wildland Urban Interface</u> will require a fire review. Projects that will have NFPA 13D automatic sprinkler system installed will require a fire review.

Floodplain Review

Any work requiring a permit on property located within 100 feet of the 100-Year floodplain will require additional review. If review is anticipated, include supporting information such as FEMA elevation certificate form 086-0-033 and/or topographic surveys referencing NAVD88. To check your property for proximity to a flood plain visit <u>www.ATXFloodPro.com</u> or the City's <u>Floodplain Development</u> <u>Information</u> website.

Historic Review

There is additional review of exterior changes if property is a City Landmark or located in a Local Historic District, National Register Historic District, H or HD zoned district, or partial demolition of exterior features on property over 45 years old

Tree Review

All design proposals must abide by the Tree Preservation Criteria set forth in <u>Section 3.5.2 of the City of Austin's Environmental Criteria</u> <u>Manual</u>. Cut and fill is limited to 4" within ½ Critical Root Zones (foundations cannot adhere to this), canopy removal is limited to 25% or less per tree, and 50% or more of the full Critical Root Zone must be kept at natural grade with natural ground cover. If proposing to remove a tree that is dead, diseased or an imminent hazard, please provide a Tree Risk Assessment from a Certified Arborist and/ or photographic evidence.

Austin Energy Review

The Building Service Planning Application (BSPA) review allows Austin Energy to verify clearances from proposed residential structures and swimming pools to Austin Energy facilities and easements. For more information see <u>Austin Energy Building Service Planning</u> <u>Application Website</u>.

Documentation Explanations and Definitions

Permit Exhibits

Plot Plan

Plot Plans must be drawn to a standard scale and are to include but are not limited to the following items: property address and legal description, north arrow, drawing scale, trees within the ROW or trees equal to or greater than 19 inches in diameter located on the property and immediately adjacent to the property, property lines, building lines for both existing and proposed improvements, easements, required zoning setbacks and roof overhangs, water meter and wastewater cleanout locations, clearly shown all overhead and underground electrical facilities (see Austin Energy Review Discipline), and water and/or wastewater line size and material.

Floorplan(s)

Floorplans must be drawn to a standard scale and are to include (but are not limited to) the following items: drawing scale, room labels, new wall measurements, new ceiling heights, new door and window schedule, smoke detector* and carbon monoxide detector** specifications and locations, dimensioned locations of new plumbing fixtures, handrail/guardrail locations and room square footages. Please provide an Existing and Proposed Floor plan if part of the improvements includes removing or adding any wall, window, door, plumbing fixtures, etc. Clearly differentiate between existing, demolished, and new items, as applicable.

*provide smoke detector system (hardwired, interconnected, battery back-up) at each sleeping room and vicinity in accordance with IRC R314

** provide carbon monoxide detector in immediate vicinity of sleeping rooms in accordance with IRC R315.

Exterior Elevations

Elevation plans must be drawn to a standard scale and are to include front, rear, and sides of the structure. For additions, elevations are required of all sides of the new portion of the structure. Height dimensions are required on all elevations. If a building height exceeds 20' or building is multi-story include dimensions of high, low, and average elevations at grade.

Setback Plane Compliance Plan

If subject to Subchapter F, separate exhibit must be submitted showing topographic elevations on 1-foot intervals on the property, including the top of foundation spot elevation and intersections of the property boundary with the building line segments per Subchapter F, Section 2.6. All topographic information must be prepared and sealed by a Texas-registered professional land surveyor.

Structural Drawing(s)

Foundation plan of sufficient detail to show conformance to the provisions of the currently adopted IRC including but not limited to:

- 1) size, spacing and strength of reinforcing steel
- 2) foundation requirements for braced wall panels required in braced wall plan.

Wall and floor/ceiling/roof sections and details, framing plans and/or framing design information as follows:

General - lumber size, grade, species and spacing of all wood elements.

Wood framed floors - spans and intermediate girders.

Wood framed walls - wall type (e.g. 2x4's @ 16 in. o.c.), wall height, headers.

Wood Framed roofs - roof framing plan to include rafters and girders as a minimum.

Brace wall plan showing compliance with the currently adopted IRC. The plan shall clearly indicate the braced wall lines and the braced wall method use for compliance to expedite review.

Additional Requirements

Non-complying Structures (applicable to all work types)

A separate exhibit must be submitted showing the existing building footprint location in relation to the property boundaries and required setbacks. Exterior walls and supporting structural elements must be clearly labeled and dimensioned showing walls to be removed per Land Development Code Section 25-2-963.

Setback Averaging

If using setback averaging, one copy of the Contextual Site Plan showing four adjacent properties with location of existing buildings and

existing front yard setbacks identified for front yard setback averaging per the provisions of Subchapter F, Residential Design and Compatibility Standards, Section 2.3.

Surveys must be provided by a Texas-registered professional land surveyor showing existing buildings and their distance from the front lot line.

Design Professionals

For any project exceeding 20 feet in height or more than one-story within the Subchapter F boundaries, all permit exhibits must be sealed and signed by a Texas-registered architect or certified building designer (National Council of Building Designers or Texas Institute of Building Design).

Localized flooding

If there is a storm drain inlet or pipe, drainage ditch, or drainage easement on or near the property or the property is at the low point of a roadway, there may be a chance of flooding from the local drainage system. The proposed development cannot cause additional flooding on other property nor have an adverse impact on the existing local drainage system. Contact Land Development Information Services for more information.

Tree Survey

Provide a tree survey per <u>ECM 3.3.2</u> that labels the $\frac{1}{4}$, $\frac{1}{2}$ and full Critical Root Zones and provides the diameter and species of each protected tree (a Tree Legend is recommended). Depict proposed access routes and material staging. Show all proposed and existing utilities. Show specific locations of tree protection fencing and mulching per requirements of <u>ECM 3.5.2</u>.

Calculation Aid					
Area Description		New/Added			
Note: Provide a separate calculation for each distinct area. Attach additional sheets as necessary. Measurements are to the outside surface of the exterior wall.	Existing Sq Ft	Sq Ft	Total Sq Ft		
a) 1 st floor conditioned area					
b) 2 nd floor conditioned area					
c) 3 rd floor conditioned area					
d) Basement					
e) Attached Covered Parking (garage or carport)					
f) Detached Covered Parking (garage or carport)					
g) Covered Wood Decks (counted at 100%)					
h) Covered Patio					
i) Covered Porch					
j) Balcony					
k) Other – Specify:					
Total Building Area (TBA) (add: a through k)					
Total Building Coverage (TBC)	(<u>A</u>)				
(from TBA subtract, if applicable: b, c, d, and j) 1) Driveway					
m) Sidewalks					
n) Uncovered Patio					
o) Uncovered Wood Decks (counted at 50%)					
p) AC pads and other concrete flatwork					
q) Other (Pool Coping, Retaining Walls)					
Total Site Impervious Coverage (add: TBC and 1 through q)	(<u>C</u>)				
r) Pool					
s) Spa					
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)					
Lot Area (sq. ft.):					
Existing Building Coverage (see above <u>A</u> , sq. ft.):					
Existing Coverage % of lot (<u>A</u> ÷ Lot Area) x 100 :%					
Final Building Coverage (see above <u>B</u> , sq. ft.):					
Final	Coverage % of lot (]	$\underline{\mathbf{B}} \div \mathbf{Lot} \mathbf{Area}) \ge 10$	00 :%		
Impervious Cover Information					
Note: Impervious cover is the total horizontal area of covered spaces including all building coverage, 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. (LDC 25-1-23)					
Existing Impervious Coverage (see above <u>C</u> , sq. ft.):					
Existing	coverage % of lot (<u>C</u>	÷ Lot Area) x 10	0:%		
Final Impervious Coverage (see above <u>D</u> , sq. ft.):					
	coverage % of lot (<u>I</u>	<u>0</u> ÷ Lot Area) x 10	00:%		