



DEVELOPMENT REVIEW COMMITTEE (DRC) COMMENT REPORT

MEETING DATE: August 14, 2018

APPLICANT: 100 Ave of the Arts, LLC.

PROJECT NAME: 100 Avenue of the Arts

CASE NUMBER: R18053

REQUEST: Site Plan Level II Review: 49,054 Square Feet of Office Use and 3,038 Square Feet of Retail Use in Downtown with Parking Reduction

LOCATION: 100 NW 7th Avenue

ZONING: Regional Activity Center – West Mixed Use (RAC-WMU)

LAND USE: Downtown Regional Activity Center (D-RAC)

CASE PLANNER: Adam Schnell



Case Number: R18053

CASE COMMENTS:

- 1) Please show provisions for enclosed parking per current Florida Building Code.
- 2) Indicate compliant clearance heights for ADA accessible van requirement and required clearances for emergency vehicles.
- 3) Indicate the building type and code provisions for High Rise Buildings.

GENERAL COMMENTS

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. The Florida Building Code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.
2. All projects must consider safeguards during the construction process. Florida Building Code Chapter 33 delineates various safeguards that may apply during the construction phase. All structures associated with the protection of pedestrians will require a separate permit. A licensed professional must sign and seal the plans and specifications.
3. The City of Fort Lauderdale is a participating municipality in the National Flood Insurance Program (NFIP). The requirements specific to the City of Fort Lauderdale can be found in

Chapter 14 - FLOODPLAIN MANAGEMENT of the Code of Ordinances and accessed at;

a. https://www.municode.com/library/fl/fort_lauderdale/codes/code_of_ordinances?nodeId=COOR_CH14FLMA

Please consider the following prior to submittal for Building Permit:

1. On January 1st, 2018 the 6th Edition of the Florida Building Code was adopted. All work described in Section 101.2, of the Broward County Administrative portion of the Florida Building Code, will govern the administration and enforcement of the proposed work. Each building and or structure will require a separate permit. The following websites will assist in the design considerations:
 - a. <http://www.fortlauderdale.gov/departments/sustainable-development/building-services>
 - b. https://floridabuilding.org/bc/bc_default.aspx
 - c. <http://www.broward.org/codeappeals/pages/default.aspx>

General Guidelines Checklist is available upon request.



Case Number: R18053

RIGHT-OF-WAY / EASEMENT DEDICATION(S) REQUIRED PER ULDR SECTION 47-25.2.M.5:

- a. Provide 10' Right-of-Way dedication or permanent Right-of-Way Easement along east side of NW 7th Avenue (coordinate with BCHCED), to complete half of 100' Right-of-Way section per the most current Broward County Trafficways Plan; show / label delineation in the plans. Clarify with BCHCED if Right-of-Way dedication (which may affect building setbacks) or Right-of-Way Easement (which doesn't affect building setbacks) will be required.
- b. Provide 5' permanent Right-of-Way Easement along west side of NW 6th Avenue, to complete half of 50' Right-of-Way section per ULDR Section 47-24.5.D.I; show / label delineation in the plans.
- c. If applicable, provide permanent Sidewalk Easement as appropriate along west side of NW 6th Ave and east side of NW 7th Avenue to accommodate portion of pedestrian clear path (coordinate required width with TAM) that may be located beyond public Right-of-Way and/or Right-of-Way Easement dedication; show / label delineation in the plans.
- d. Provide 10' x 15' (min.) permanent Utility Easement for any 4 Inch or larger water meter and/or the first private sanitary sewer manhole located within the proposed development (for City Maintenance access); show / label delineation in the plans as appropriate.

CASE COMMENTS:

Prior to final DRC sign-off, please provide updated plans and written response to the following review comments:

1. This site plan approval and review is contingent on approval of Right of Way Vacation application V18007 for the existing 10 feet alley (north – south) within the proposed development. Refer to right of way vacation application comments.
2. Meet the City's Adequacy requirements to services provided to the public (fire service, water, wastewater, stormwater, transportation, etc.), per ULDR Section 47-25.2 of the City's Code of Ordinances. Assess potential demands and impacts on City services and prepare a design for each that utilizes existing water, wastewater, stormwater, and transportation infrastructure to adequately serve this project. If the adequate infrastructure is not available, prepare a design that extends/expands the connection to the nearest City system to adequately serve this development.
 - a. Prepare service demand calculations for water & wastewater services and obtain a letter of service availability from the City's Public Works – Engineering Department. Please contact Daniel Fisher at 954-828-5850 or dfisher@fortlauderdale.gov.
3. Provide an updated (survey provided is dated 04/04/17) signed and sealed boundary and topographic survey showing all above ground improvements, utilities, rights of way dimensions and all easements. This survey shall be based on a Standard Title Commitment issued by a title insurer licensed to do business in Florida or an Opinion of Title issued by an attorney admitted to the Florida Bar. The title commitment or Opinion of Title must have an effective date no more than thirty days prior to the date of submittal of the survey and must be certified to the City of Fort Lauderdale.

Property lines, Right-of-Way, watercourses, easements, structures, and roadway shall be clearly shown, labeled and dimensioned. Provide spot elevations on site, at property corners, along property lines (50' min. interval), existing roadway crowns and pavement edges adjacent to property as appropriate to ensure proposed improvements are in coordination with existing adjacent improvements.



4. Provide disposition of existing power poles and down guys located along the existing alley which continues north and south of proposed development and conflicts with proposed building.
5. More prominently show on all plan sheets and typical roadway sections the existing Right-of-Way boundaries adjacent to the proposed development along NW 6th Avenue and NW 7th Avenue; also show proposed Right-of-Way, Right-of-Way Easement, Sidewalk Easement, and existing Alley boundaries as applicable for this project. Existing and proposed Right-of-Way and/or Easement boundaries must be clearly depicted on site plan.
6. Building Elevations: Show and label existing Right-of-Way, proposed Right-of-Way and/or Easement boundaries, and horizontal building clearances on all building elevation / section details, as appropriate. Label vertical clearance above public access sidewalks along NW 6th Avenue and NW 7th Avenue, if any building overhang is proposed.
7. Provide and label typical roadway cross-sections for the proposed development side of NW 7th Ave and NW 6th Ave: at driveway access points, at on-street parallel parking lanes, and at landscape swale areas (i.e. between travel lane and sidewalk) as appropriate.
8. Proposed exterior building doors, loading zone doors, dumpster doors, etc. shall not open into the public Right-of-Way and/or permanently dedicated Right-of-Way Easements and Sidewalk Easements, adjacent sidewalk, ADA accessible path, or drive aisle areas; instead, consider recessing into building to enhance pedestrian safety.
9. Proposed private improvements (i.e. building, foundation, back flow preventer, fdc, clean out, doors, etc.) shall not be constructed within existing or proposed right of way dedications/ easements.
10. Driveway apron/ flare shall not encroach into adjacent property frontage. Revise plans accordingly.
11. Per ULDR Section 47-2.2.Q, show and label sight triangles as appropriate for safe and adequate access of drivers and pedestrians, on the Site Plan, Landscape Plans, and Civil Plans: intersections of driveways with streets and alleys (10' measured from intersection point of pavement edges), The request for reduction of sight triangle dimensions is subject to review by the City Engineer on a case-by-case basis. Per ULDR Section 47-19.1.E, no accessory use or structure shall be permitted within a sight triangle except as provided in [ULDR Section 47-35](#). Sight triangles located at the intersection of a local street or driveway with a right-of-way under County, State or Federal jurisdictions, may be subject to the sight visibility requirements of those jurisdictions.
12. Revise site plan and ground floor plan dimensions at type II loading zone are to demonstrate the 12'x45' type II loading zone is provided entirely within the property limits and inside building walls. Loading zone length shall not encroach within proposed sidewalk clear path or right of way easements and have a minimum vertical clearance of fourteen (14) feet.
13. Show truck turning template circulation (label typical minimum centerline turning radius) entering and exiting the site serving the 1 Type II loading zone required for the proposed development. Turning geometries utilized in the design of Type II loading zones shall be sufficient to accommodate a standard, intermediate-sized semi-trailer vehicle (AASHTO 'WB-40' design vehicle), per ULDR Section 47-20.6. No backing into a public right-of-way shall be permitted for Type II loading zones.
14. Discuss dumpster enclosure/ trash pick-up access requirements with case planner and waste management. Show truck turning movements in and out the proposed building as applicable. Ensure sufficient height clearance is provided within garage for truck access.



15. For all levels in the parking garage:
 - a. Show and label total number of parking stalls, dimension areas including drive aisle widths, vertical clearances, typical parking stall width/depth, as well as sloping floor and ramp grades.
 - b. Per ULDR Section 47-20.9.A, parking garage sloping floor grades shall not exceed 5% adjacent to 90-degree angle parking stalls. Ramp grades shall have 12% maximum slope where not adjacent to parking stalls.
 - c. Per ULDR Section 47-20.11.A, drive aisle width shall be 24' (min.) adjacent to 90-degree angle parking stalls.
 - d. The minimum clear width and depth parking stall dimensions shall be 8'-8" and 18'-0", respectively, and shall not be encroached upon by building columns.
 - e. Dimension proposed lane width on both sides of raised island/ columns for parking garage, entrance/ exit which should be 12' (min.) per ULDR Section 47-20.5.C.3.b.i.
 - f. Depict proposed ADA route from proposed ADA parking stalls to elevators/lobby.
 - g. Verify proposed garage circulation and provided additional information on plans (i.e. striping/ signage and vehicle movements) to confirm proposed circulation is safe and adequate as in certain locations it appears there maybe conflicts between garage circulation on and off speed ramp and proposed parking stalls (i.e. vehicles exiting and entering the garage on NW 7th Ave adjacent to stall 027, vehicles turning into the speed ramp and vehicles exiting the speed ramp to the exit driveway onto NW 6th Ave).
 - h. Discuss the need for the proposed driveway exit onto NW 6th Ave. Please note one way drives must be a min. 12 feet wide.
16. Conceptual Water and Sewer plans:
 - a. Proposed water meters vaults 4 inch or larger must be installed within private property in a 10'x15' utility easement, depict water meter vault and easement on plans.
 - b. Please include applicable City water and sewer standard details on plans for reference.
 - c. Additional requirements maybe required by Public Works as part of service availability review.
17. Provide sufficient existing and proposed grades and information on conceptual Paving, Grading, and Drainage Plan and details to demonstrate how stormwater runoff will remain onsite (include typical cross-sections along all property lines as appropriate), and how the proposed project improvements (i.e. on-street parking, sidewalks, etc.) will not adversely impact the adjacent Right-of-Way. Drainage mitigation shall be required for any impacts within the adjacent City Right-of-Way such as increased runoff or reduction of existing storage/treatment due to proposed improvements, in accordance with the City of Fort Lauderdale Comprehensive Plan (Ordinance C-15-08), Objective 4.1 under Infrastructure Elements. Applicant shall be responsible for maintenance of these proposed storm drain infrastructure improvements located within City Right-of-Way during a 1-year warranty period, until accepted by the City's Public Works Department.

Additional coordination maybe required for projects located within Progresso Village neighborhood which is part of a City Drainage Master Plan. Please contact Rares Petrica (Public Works) at 954-828-6720 or rpetrica@fortlauderdale.gov.

18. Discuss how sidewalk runoff (between building and Right-of-Way boundaries) and on-site drainage (including roof drains) from the proposed development will be mitigated such that it won't be conveyed into the adjacent existing public storm drain infrastructure, or whether additional infrastructure will be required within City Right-of-Way (coordinate as appropriate with the respective FDOT and BCHCED agencies for mitigation of additional runoff within those jurisdictions). Show location of building roof drains, and their proposed connection(s) to the on-site drainage system.



19. Depict proposed building doors and provide sufficient grades on conceptual paving, grading and drainage plans to verify ADA accessibility design for the site, especially ground floor access to the new building, as well as crossing proposed driveways and connecting to existing sidewalks (at intersections and with adjacent property) as appropriate; coordinate proposed site grading and 1st Level Finished Floor Elevations to meet ADA accessibility requirements.
20. Provide storm runoff calculations, signed and sealed by a Florida registered professional engineer, which demonstrate how minimum criteria regarding adjacent street crown and finished floor elevations are met, as well as how the 25-year, 3-day storm event is maintained on site with zero discharge to Right-of-Way and adjacent properties (unless proposed drainage design is based on Pre vs. Post analysis). Please also comply with the City of Fort Lauderdale Comprehensive Plan (Ordinance C-08-18), Objective 4.1 under Infrastructure Elements, and be advised that effective 7/1/2017, all projects must comply with the Broward County 'Future Conditions Average Wet Season Groundwater Level' map.

Drainage mitigation is required for any impacts within adjacent City of Fort Lauderdale Right-of-Way, such as increased runoff, additional impervious areas, and reduction of existing storage or treatment (i.e. swale areas). Engineer of Record (EOR) shall evaluate the adjacent City roadway system capacity and demonstrate that the proposed improvements will not negatively impact the City's existing drainage system, and provide recommendations in compliance with the City's Comprehensive Plan (i.e. meets or exceeds the 10-year/1-day storm event drainage capacity criteria).

21. Contact the Floodplain Manager, Richard Benton at 954-828-6133 or rbenton@fortlauderdale.gov regarding proposed Finished Floor elevation and fill requirements per City's Code of Ordinances Chapter 14 – Floodplain Management, including Ordinance C-14-26. Depict information on plans accordingly.
22. Coordinate with Public Works (Utilities Distribution and Collection Division) for any connections to and/or demolition of existing City infrastructure along NW 7th Ave and NW 6th Ave. Any new trees (located within or adjacent to City Right-of-Way) should be placed with sufficient horizontal and vertical distances (per City, County, and State guidelines) to / from City's public infrastructure, including stormwater assets, to allow for continued Public Works maintenance without obstruction. If this cannot be accommodated due to field conditions, then the developer shall relocate the existing City's public infrastructure to resolve the conflict(s) and to comply with City's, County's & State's engineering standards/permits/policies.
 - a. For Storm Drainage, contact Elkin Diaz at 954-828-6539 or ediaz@fortlauderdale.gov. Discuss feasibility of moving the existing catch basin adjacent to the existing parking stalls along NW 6th Ave into the valley gutter.
 - b. For Sanitary Sewer, contact Steve Roberts, Jr. at 954-828-7855 or srobertsjr@fortlauderdale.gov. Per ULDR Section 47-19.4.D.7, dumpsters serving restaurants require grease traps, oil / sand separators, and drains connecting to sanitary sewer.
 - c. For Water Distribution, contact Keith Hutchison at 954-828-7682 or khutchison@fortlauderdale.gov. Public Works Operations does not allow 90 degree bends within the City's Right-of-Way.
 - d. For City Utility Atlas Maps, GIS, and as-built information, to help accurately plot and label utilities in the vicinity of proposed work, contact Craig Barrett at 954-828-5875 or crbarrett@fortlauderdale.gov.
 - e. Provide written correspondence between the Public Works (Utilities Distribution and Collection Division) and the Engineer of Record.
23. Show all existing and proposed utilities on engineering and landscaping plans for potential conflict, especially existing storm drain pipe within adjacent NW 6th Ave and existing 6 inch CIP water main



within adjacent NW 7th Avenue Right-of-Way (per City Utility Atlas Maps). A min. 5 feet and 10 feet horizontal clearance separation is required between city infrastructure and proposed small and large trees respectively. Also proposed trees shall be installed a min. 4 feet behind proposed curbs adjacent to travel lanes.

24. Evaluate the possibility of utilizing a sustainable stormwater approach with the possibility of low impact (cisterns, pervious pavers, bioswales, raingardens, etc.) uses for landscaping along the streetscape.
25. Within adjacent City Right-of-Way, staging/storage will not be allowed, construction fence shall not encroach within intersection corner sight triangles, construction fence gates shall not swing into the public Right-of-Way, and any Jib Crane radius shall not extend beyond private property boundaries. Any City Right-of-Way closure over 72 hours requires a Revocable License Agreement, processed by Property Right-Of-Way Committee (DRC) and approved by the City's Commission, prior to Right-of-Way permit issuance by the Department of Sustainable Development for Maintenance of Traffic.

Prior to submitting Administrative Review (i.e. DRC Level I) application to request Revocable License Agreement, please contact Dennis Girisgen at 954-828-5123 or dgirisgen@fortlauderdale.gov to discuss proposed scope of closure within City Right-of-Way.

26. Discuss if pedestrian lighting is proposed; if not, discuss the possibility of the addition of pedestrian lighting along City Right-of-Way, which requires perpetual maintenance by the Applicant via a Maintenance Agreement executed with the City. Please contact the Case Planner for details to match the area.
27. Provide Maintenance Agreement Area Exhibit, which provides a visual representation of the area within the adjacent public Right-of-Way (adjacent to the proposed development) to be maintained in perpetuity by the developer. Label whether the adjacent Right-of-Way is FDOT, BCHCED, or City jurisdiction, as well as label all proposed improvements, including asphalt and other specialty paving, concrete and other specialty sidewalk, landscaping, irrigation, lighting, etc. that will be maintained by the Applicant throughout the life of the improvements.
28. Ensure all plans have been coordinated between disciplines and depict the latest site layout.
29. For Engineering General Advisory DRC Information, please visit our website at <https://www.fortlauderdale.gov/home/showdocument?id=30249>
30. Additional comments may be forthcoming at the DRC meeting.



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CASE COMMENTS:

Please provide a response to the following:

1. Building needs to conform to FBC 1028.1 Need one stairwell that exits directly to the outside.
2. Fire hydrant location must be with-in 100 feet of FDC.

General Comments

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. Building may require a Radio BDA system.

Please consider the following prior to submittal for Building Permit:

1. Building must conform to the code applicable at time of submittal.



Case Number: R18053

CASE COMMENTS:

Please provide a response to the following:

1. The City has adopted Florida Friendly Landscaping requirements into our ULDR Section 47-21. This basically means that plant material must be grouped together based on watering needs (hydrozone) and turf areas must be limited and/or consolidated to less than 50% of the landscaped area. Plant material species must be minimum 50% Florida Friendly Landscaping. Planting areas are to be irrigated on a separate zone than the turf areas so that once the plants are established, that particular zone can be shut off based on the season. The overall goal is to decrease water use through irrigation. Illustrate hydrozones on planting plan, and include calculations in table.
2. Within the RAC districts, newly planted street trees shall be a minimum of 12 feet tall and provided at a ratio of one street tree per thirty feet of street frontage or greater fraction thereof not subtracting ingress and egress dimensions. When overhead utilities exist, required street trees may be small trees provided at a minimum of a ratio of one street tree per twenty feet frontage or greater fraction thereof not subtracting ingress and egress dimensions. A minimum of 50% of the required street trees must be canopy trees. Consider that, in order to maximize the shade for a positive pedestrian experience, the city prefers continuous canopy coverage with 100% canopy trees in these areas.
3. A minimum separation of 6 feet is required between the tree trunk and travel lane when curb and gutter DO NOT exist, and a minimum separation of 4 feet is required between the tree trunk and travel lane when curb and gutter DO exist. Illustrate this clearance.
4. Illustrate and label the horizontal clearance from tree trunk to edge of paved travel lane on the landscape plan. Landscaping must provide a minimum horizontal clearance of 5 feet for small trees and palms, and a minimum of 10 feet for large trees and palms. Provide a cross section detail to illustrate this clearance.
5. The use of structural soil is required in paved sites to provide adequate soil volumes for tree roots under pavements, as per ULDR Section 47-21.13. Structural soil details and specifications can be obtained at <http://www.hort.cornell.edu/uhi/outreach/index.htm#soil> This is to be provided at a minimum of 8' radii of tree trunks, and is to be consistently illustrated and noted on landscape, site and civil plans.

The structural soil drain is required when percolation rates are less than 4" vertical clearance per hour. Provide documentation of report used to prove this calculation. The drain and connections are to be illustrated on civil plans.

6. Utilities and site amenities such as walkways, flagpoles, transformers, fire hydrants, sewer and water supply lines, trash enclosures, and similar items located on the site shall not be placed adjacent to, in, or under required tree planting areas, as per ULDR Section 47-21.12. Confirm with civil, site and life safety plans that utilities and site amenities are not causing conflicts with proposed landscaping. Where conflicts exist, shift the utility and/or site amenities.
7. Light fixtures with an overall height of more than ten feet shall be located a minimum of 15 feet away from shade trees, as per ULDR Section 47-21.12.



8. In addition to the existing tree site plan, provide a corresponding list, as per ULDR 47-21.15, of these trees/palms including:
 - a. tree number for each
 - b. botanical name and common name for each
 - c. trunk diameter, in inches, at chest height for trees
 - d. clear trunk in feet for palms
 - e. condition percentage as a number for each
 - f. indicate status for all existing trees/palms on site (remain, relocate, remove)
9. For specimen trees, provide ISA Certified Arborist report for specimen trees, as per ULDR 47-21.15. This report is to be on ISA Certified Arborist business letterhead with contact information and ISA Certification number clearly stated. This report would include tree survey with numbered trees, a corresponding table which includes tree number, botanical name and common name, trunk diameter at breast height, clear trunk for palms, condition percentage, etc.; and a written assessment of existing tree characteristics. This information is required to calculate equivalent value mitigation.
10. The color rendering do not accurately depict the proposed landscaped areas and proposed plant material. Please revise to consistently depict proposed development so a consistent message is being distributed.

Please consider the following prior to submittal for Building Permit:

11. A separate sub-permit application for Tree Removal & Relocation, and General Landscaping for site are required at time of master permit submittal. These are Landscape and Tree permit application documents different than the Broward County standard applications. Please note this at time of submittal.
12. Provide separate Plumbing sub permit application for irrigation. Irrigation plans are required at time of Building permit submittal. Plans are to be in compliance with ULDR 47-21.6.A.11 and 47-21.10. Note that planting areas are to be irrigated on a separate zone than the turf areas so that once the plants are established, that particular zone can be shut off based on the season. The overall goal is to decrease water use through irrigation. Plant material must be grouped together based on watering needs (hydrozone) and turf areas must be limited and/or consolidated to less than 50% of the landscaped area. Illustrate hydrozones on planting plan, and include calculations in table.
13. Note that tree removal at time of demolition will not be permitted unless the Master Permit for redevelopment has been submitted for review.
14. Proposed landscaping work in the City's right of way requires engineering approval. This approval requires documents to be submitted for Engineering review. Note that Landscape will not approve permit review without these Engineering documents being submitted.



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CASE COMMENTS:

Please provide a response to the following:

1. Doors should be equipped with burglary resistant lock system like door pins or lock security plates.
2. The site should be equipped with a comprehensive CCTV system that is capable of retrieving an identifiable image of an individual on site. The system should cover all entry exit points, parking garage, common areas, bicycle storage, loading dock, mail room, storage areas and any sensitive area of the site.
3. Ground level stair doors should be egress only or access controlled.
4. All elevators accessible from the parking garage and the ground floor should be access controlled.
5. All glazing should be impact resistant.
6. Light reflective paint should be used in the parking garage to increase visibility and safety.
7. Easily identifiable emergency communication devices should be available at each floor of the parking garage.
8. Retail and office parking areas should be separated. If possible, there should a vehicle access control system to separate these areas.
9. Consideration should be given to pre-wiring the site for alarm installation by tenants.

General Comments

It is highly recommended that the managing company make arrangements for private security during construction.

Please submit responses in writing prior to DRC sign off.



Case Number: R18053

CASE COMMENTS:

Please provide a response to the following:

1. Garbage, Recycling and Bulk Trash shall be provided.
2. Recycling reduces the amount of trash your business creates and it is the best way to reduce monthly waste disposal costs and improve your company's bottom line.
3. Solid Waste Services shall be provided by a Private Contractor licensed by the City.
4. Service Days shall be: No restriction for Commercial collection. Service may not occur earlier than 7:00 am or later than 10:00 pm within 250 feet of residential.
5. Solid Waste Collection shall be on private property container shall not be placed, stored or block the public street to perform service (large multifamily and commercial parcels).
6. Containers: must comply with 47-19.4
7. Dumpster enclosure: concrete pad, decorative block wall, gates hung independently, protective bollards, secondary pedestrian side entry, high strengthen apron and driveway approach, night light, hot water, hose bib, drain, low circulating ventilation for dampness, weep holes, landscaping, smooth surface walkway to accommodate wheeled containers.
8. Provide on the site plan a garbage truck turning radii for City review. Indicate how truck will circulate within property.
9. Indicate how collection will take place.
10. Submit a Solid Waste Management Plan on your letterhead containing name of project, address, DRC case number, number of units if applicable, and indicate whether it is Pre or Final DRC.
 - o This letter is to be approved and signed off by the Sustainability Division, and should be attached to your drawings. Please email an electronic copy to smccutcheon@fortlauderdale.gov. Letter should include an analysis of the expected amounts of solid waste and recyclables that will be generated (if different from current capacity), and container requirements to meet proposed capacity.
 - o Community Inspections will reference this Solid Waste Plan for sanitation compliance issues at this location.

General Comments

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. None



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CASE COMMENTS:

1. Submit a traffic impact statement and coordinate with the Transportation and Mobility Department regarding traffic calming and a traffic impact study if needed. Take into consideration that the review of this study, once submitted, will take about 4-6 weeks.
2. It appears that the vehicular parking requirement isn't being met, please add vehicular parking stalls as needed or request a parking reduction.
3. Provide vehicular turning movement entering and exiting the site. And show a site circulation plan.
4. All dimensional requirements for parking stall & aisles must be met.
5. Continue concrete sidewalk through the driveways.
6. The plans reference a "waiver" what waiver has been approved?
7. Place sidewalks against the ultimate right of way line.
8. Please show inbound and outbound stacking requirements according to sec 47-20.5 General design of parking facilities.
9. Consider making the driveway opening on NW 7th Ave an entrance only.
10. Per ULDR Section 47-2.2.Q, show and label sight triangles as appropriate for safe and adequate access of drivers and pedestrians, on the Site Plan, Landscape Plans, and Civil Plans: intersections of driveways with streets and alleys (10' measured from intersection point of pavement edges), alleys with alleys (15' measured from intersection point of extended property lines), alleys with streets (15' measured from intersection point of extended property lines), and streets with streets (25' measured from intersection point of extended property lines). The request for reduction of sight triangle dimensions is subject to review by the City Engineer on a case-by-case basis. Per ULDR Section 47-19.1.E, no accessory use or structure shall be permitted within a sight triangle except as provided in ULDR Section 47-35.
11. On street parking within the public right of way cannot count towards the site parking requirement.
12. Place bicycle storage room for long term bicycle parking on the first floor.
13. All loading and unloading must be contained on site including postal delivery services.
14. Show all sidewalks clear path dimensions on the site plan, including all pinch points on the site.
15. Bicycle parking is strongly encouraged, covered if possible, with a bike pump. Consult the APBP Bicycle Parking Guidelines and Broward County End-of-Trip Bicycle Facilities Guide. Provide the minimum long term and short term bicycle parking based on requirements in the guide and include total counts on the site plan data sheet.



16. Please consider enhancing the pedestrian experience by providing interactive public art works, seating, and shade along all sidewalks to promote multimodal travel.
17. Ensure all access points, sidewalks, walkways, and curb cuts are unobstructed and ADA accessible with appropriate slopes and detectible warning devices and indicate on the site plan.
18. Additional comments may be provided upon further review.
19. Signature required.

GENERAL COMMENTS:

Please address comments below where applicable.

1. Contact Benjamin Restrepo at 954-828-5216 or brestrepo@fortlauderdale.gov to set up an appointment for final plan approval.
2. The City's Transportation & Mobility Department encourages the use of sustainable materials such as permeable pavement and electric car charge stations and installation of multimodal facilities such as bicycle pump stations and bike lockers.
3. Please note that any work within the City's right-of-way will require an MOT approved by Transportation and Mobility and Engineering for permitting. Any full closures of roadways, alleys, or sidewalks that are over 72 hours will require a Revocable License Agreement (RLA) with the City of Fort Lauderdale.

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CASE COMMENTS:

Please provide a response to the following:

- 1) The applicant is strongly encouraged to contact neighbors adjacent to, as well as condominium and neighborhood associations located within three hundred feet (300') of the development site, to advise of this proposal (a listing of officially-recognized associations is provided on the City's website: www.fortlauderdale.gov/neighbors/civic-associations and a map of neighborhood associations may be found at: <http://gis.fortlauderdale.gov>). Please provide acknowledgement and/or documentation of any public outreach.
- 2) The site is designated Downtown Regional Activity Center on the City's Future Land Use Map. The proposed use is permitted in this designation. This is not a determination on consistency with Comprehensive Plan Goals, Objectives and Policies.
- 3) Verify that the copy of plat provided with the application is the most current recorded plat, including notes and amendments, for the proposed site. Provide documentation from the Broward County Planning Council verifying that the site does not require platting or replatting. If replatting or platting is not required, contact the Development Review Services Section of the Planning and Environmental Regulation Division of Broward County at (954) 357-6637 to ensure that proposed project is consistent with the latest recorded plat restriction.
- 4) Please contact Thuy (Twee) Turner, AICP, Broward County Planning and Development Division tturner@broward.org or 954-357-6623 to ensure the proposed plat note language meets their standards before moving forward. Please provide staff with written response from the County.
- 5) Provide the following changes on the site plans and elevations:
 - a. Relocate building and increase pervious area based upon additional right-of-way requirements on NW 7th Avenue.
 - b. Chapter 4, page 4.67, Q-7, of the *Downtown Master Plan Design Guidelines*, require creative façade compositions, which lends itself to an inviting pedestrian experience. The east facing street level façade on NW 6th Avenue lacks architectural diversification and street activation. To meet the intent of the design guidelines, add architectural design features, as well as active uses and transparency to enhance the public realm and pedestrian environment, similar to the façade facing NW 7th Avenue. Additionally, provide a color rendering of the east façade.
 - c. Clarify if the Type 2 Loading Berth, shown on Ground Floor, Sheet C-01, will have a garage door if the loading bay be open and visible from NW 6th Ave. Provide a clearer depiction of the proposed loading bay design by updating elevation Sheet D-01. The east building façade rendering requested in 5.b., herein, will aid in offering additional insight.
 - d. Provide location of the windows on elevation Sheet D-01 and D-02, in order to indicate amount of transparency.
 - e. Provide details of metal paneling, and provide the proportion of metal paneling, verses cement plaster panels.
 - f. If parking structure is enclosed, indicate where ventilators will be placed on site plan and elevations. Denote all parking garage openings via shading. Provide detail of garage screening of openings and light fixture shields. Ensure screening adequately blocks out light and noise pollution and incorporates high-quality architectural treatment solution.



- 6) Provide bicycle parking in visible, well-lit areas as close as possible to pedestrian entryways/doors. In addition, where possible, locate bicycle parking facilities in an area that is sheltered/covered. Consult the Association of Pedestrian and Bicycle Professionals ("APBP") for Bicycle Parking Guidelines and Broward County End-of-Trip Bicycle Facilities Guide at <http://www.apbp.org/>. For more information on bicycle parking standards, please email Ben Restrepo at brestrepo@fortlauderdale.gov.
- 7) The City's Vision is to support sustainable infrastructure. Consider employing green building practices throughout the project such as, but not limited to; charging stations, tank-less water heaters, rain collection systems, pervious pavement where appropriate, bio-swales, Florida Friendly™ plant materials, solar panels and green roofs.
- 8) Provide signage plan for the proposed development. Signage is approved by separate permit process. Proposed signage should align with the overall intent of the Downtown Master Plan and should not create clutter, impede the pedestrian environment, or create visual obstructions in the public realm. For the reasons stated herein, monument signs are typically discouraged. However, other solutions may be more appropriate and may be approved on a case by case basis. For example, perpendicular blade signs, consistent in height and width, may provide great opportunities with clear visibility of the business location at the pedestrian level, while not impeding the pedestrian experience itself.
- 9) If a temporary construction/sales trailer is needed for this project, provide the details and location of the trailer on a separate site plan, to avoid additional review in the future. Verify details and location with the Building Representative.
- 10) All construction activity must comply with ULDR, Section 24-11, Construction sites. Contact Joe Pasquariello, Structural Plans Examiner (954-828-5419) to obtain his signature on the final DRC plans.
- 11) Final DRC signoff cannot be attained until the subject property has received approval for the corresponding alleyway vacation.

General Comment

- 12) Please note any proposed signs will require a separate permit application.
- 13) An additional follow-up coordination meeting may be required to review project changes necessitated by the DRC comments. Prior to routing your plans for Pre-PZ and/or Final DRC sign-off, please schedule an appointment with the project planner (call 954-828-4798) to review project revisions and/or to obtain a signature routing stamp. Please note applicant is responsible for obtaining signatures from all discipline members that had comments and may need to resolve comments through individual appointments if necessary.
- 14) Additional comments may be forthcoming at the DRC meeting. Please provide a written response to all DRC comments within 180 days after comments have been received.

CITY OF FORT LAUDERDALE
DOWNTOWN MASTER PLAN DESIGN GUIDELINES
 Design Review Team (DRT) Comments

Case Number:	DRT 18006	Zoning District:	RAC-WMU
Project Name:	100 Avenue of the Arts	Character Area:	
Project Address:	100 NW 7 th Avenue	Date of Review:	7/26/18

PRINCIPLES OF STREET DESIGN	Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
S1 Maintain fine-grained street grid: discourage vacations. Additional Information is needed for utility relocation				✓
S2 Utilize Traffic Calming rather than blocking streets.			✓	
S3 Maximize on-street parking except on major arterials.	✓			
S4 Provide adequate bike lanes in a planned network (next to on street parking: 5 feet; next to travel lane: 4 feet). Consult with Transportation & Mobility (TAM)				✓
S5 Maximize street trees on all Downtown Streets.	✓			
S6 Encourage location of primary row of street trees between sidewalk and street.	✓			
S7 Maximum spacing for street trees: Palms -22 feet; Shade trees - 30 feet. Provide distance of trees on plans				✓
S8 Minimum horizontal clearance (from building face) for trees: Palms – 6 feet; Shade trees – 12 feet. Distance needs to be indicated on plans				✓
S9 Encourage shade trees along streets, palm trees to mark intersections. Additional tree diversification needs to be provided				✓
S10 Eliminate County "corner chord" requirement not compatible with urban areas.			✓	
S11 Encourage curb radius reduction to a preferred maximum 15 feet; 20 feet for major arterials.			✓	
S12 Discourage curb cuts on "primary" streets.	✓			
S13 Encourage reduced lane widths on all streets.			✓	
S14 Encourage reduced design speeds on all RAC streets (15 - 40 mph).			✓	
S15 Encourage fixed Rights-of-Way and setbacks for all Downtown streets (to eliminate uncoordinated City setback and County easement requirements). Note: Downtown local streets have varying ROW's and section design may need to be flexible to respond to the specific right-of-way conditions.			✓	

S16 Bury all power lines in the Downtown Area. Additional Information is needed for utility relocation				√
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PRINCIPLES OF BUILDING DESIGN	Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
B1 Framing the street: building "streetwall" should generally meet setback line (within a percentage). Due to additional ROW requirements on NW 7th Avenue, the building will have to be relocated further back onto the property.		√		
B2 Framing the street: encourage open space site requirements for use as pedestrian public space instead of unusable, leftover 'green perimeter'.				√
B3 Framing the street: minimum and maximum building 'streetwall' heights (see character area guidelines for specifics).	√			
B4 Framing the street: encourage maximum building 'streetwall' length of 300 feet.	√			
B5 Preferred maximum 'floorplate' area for towers (see character area guidelines for specifics).			√	
B6 Where towers are located on Primary (>60 feet wide) and Secondary (< or = 60 feet wide) Streets, the towers are encouraged to orient towards the Primary Street.			√	
B7 Where towers are located on streets < or = 60 feet, increased step backs from the 'shoulder' are encouraged to reduce the impact on the street.			√	
B8 Surface parking: discourage frontage and access along 'primary' street.			√	
B9 Parking garages: encourage access from secondary streets and alleys.	√			
Encourage street level activities and minimize visual exposure of parking, with active space on the ground floor of a parking garage. a. Additional street activation on NW 6th Ave. is required. Section 47-13.20.C.1. of the ULDR and Chapter 4, Section 4.41, of the Downtown Master Plan Design Guidelines, require creative façade compositions, which lends itself to an inviting pedestrian experience. The east facing street level façade on NW 6th Ave., lacks architectural diversification and street activation. To meet the intent of the design guidelines, add architectural design features, as well as uses, which offer interaction between the proposed building and pedestrian realm, similar to those found on NW 7th Ave. – i.e. inclusion of office or retail uses, with the inclusion of windows, and overhangs, etc.		√		
Upper floors of a parking garage should not be visible along primary streets, waterways, and parks. Active spaces on the upper floors are encouraged as a preferred design.	√			

B10	Encourage main pedestrian entrance to face street.	✓			
B11	Maximize active uses and 'extroverted' ground floors with retail in strategic locations. Additional street activation on NW 6th Ave. is required.		✓		
B12	Encourage pedestrian shading devices of various types. Based on the location of the building and the positioning of the trees, shading can be accomplished by diversifying the tree selection and providing shade trees.				✓
B13	Encourage balconies and bay windows to animate residential building facades.			✓	
B14	In residential buildings encourage individual entrances to ground floor units (particularly in the Urban Neighborhood Character Area). Reference comment B11			✓	
B15	High rises to maximize active lower floor uses and pedestrian-oriented design at ground floor.		✓		
B16	Building Design guidelines do not apply to Civic Buildings and Cultural Facilities.			✓	
B17	Discourage development above right-of-way (air rights).			✓	
B18	Mitigate light pollution.				✓
B19	Mitigate noise pollution.			✓	✓
B20	Vertical open space between towers on adjacent lots: Towers are encouraged to maintain vertical open space alongside and rear lot lines: minimum horizontal distance of 30 feet (abutting property owners can coordinate tower placement as long as maintain 60 feet clearance).			✓	
B21	Vertical open space between multiple towers on a single development site: no less than 60 feet apart.			✓	
B22	Residential: Encourage minimum ground floor elevation of 2 feet above public sidewalk level for individual ground floor entrances to private units.			✓	
B23	Avoid drive thrus in the wrong places.			✓	
B24	The Fifth Façade: Encourage green roofs as visual amenities that provide a combination of usable, landscaped spaces (recreation & open space benefits) and sustainable roof treatments (environmental benefits).			✓	

QUALITY OF ARCHITECTURE		Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
Q1	Skyline Drama: Encourage towers to contribute to the overall skyline composition.			✓	

Q2	Expressive Tops: Encourage expressive tops for tall buildings above 37 stories in Near Downtown and Downtown Core.			√	
Q3	Durability and Quality of Materials: Encourage high quality materials for the entire building, with special emphasis on detailing and durability for the first 2 floors. Plans indicate both cement plaster and metal panels will be used on the building's facade, but it is unclear the percentage of both materials that are being proposed.				√
Q4	Respect for Historic Buildings.			√	
Q5	Parking Podium Façades: Where structured parking must be exposed to the street, exceptionally creative solutions should be explored.			√	
Q6	Response to Natural Environment: Encourage architecture to respond to the unique nature of the south Florida environment (solar orientation, wind direction, rain). Examples: Open breezeway corridors oriented toward prevailing winds; energy efficient glazing; above ground stormwater capture and re-use through bio-swales and rain gardens; solar roof panes/awnings.	√			
Q7	Creative Façade Composition: Encourage a rich layering of architectural elements throughout the building, with special attention to facades below the shoulder level.	√			
Q8	Original, Self-Confident Design: Encourage a range of architectural styles that each create a strong identity, strive for the highest quality expression of its chosen architectural vocabulary.	√			

STORE FRONTS		Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
SF1	Retail Location Strategy: Encourage ground floor retail in preferred locations.	√			
SF2	Encourage a combination of storefront styles and types in adjacent buildings, or within single buildings, to create variety and visual interest at the street level.	√			
SF3	Encourage durable materials for ground floor retail and cultural uses.	√			
SF4	Encourage 15 foot minimum floor-to-floor height and encourage interior ground floor flush with adjacent public sidewalk.	√			
SF5	Encourage significant glass coverage for transparency and views. Encourage restaurants to provide clear visual and physical connections to outdoor seating.	√			
SF6	Encourage pedestrian shading devices of various types (min 5 foot depth). Reference comment B12				√
SF7	Encourage multi-level storefront displays to disguise unfriendly uses or blank walls.	√			

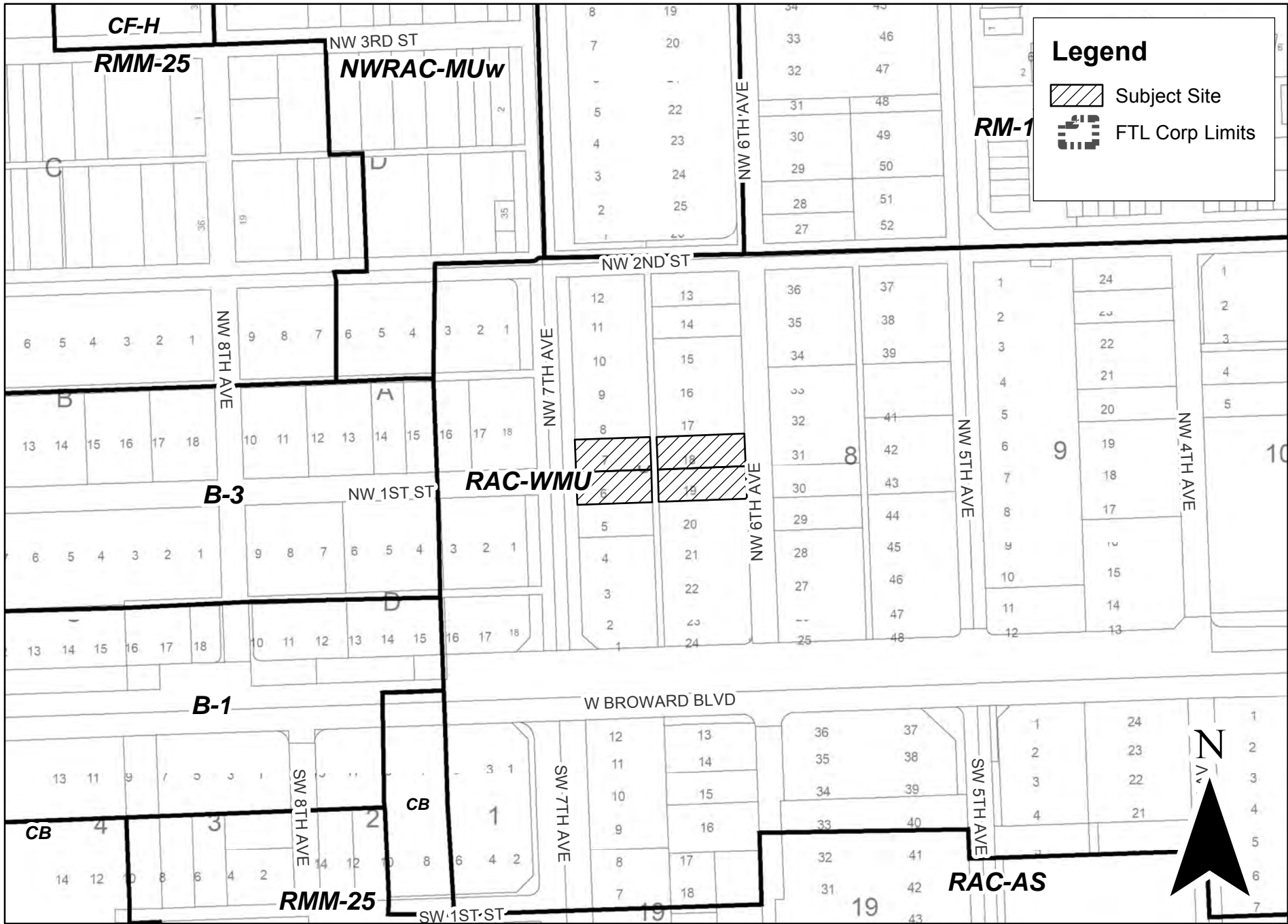
SF8	Encourage well-designed night lighting solutions.	√			
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CHARACTER AREAS		Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
<i>Downtown Core</i>					
1A	Frame the street with appropriate streetwall heights: Shoulder: 3-9 floors, Towers: no max.	√			
1B	Signature Tower: Special architectural design encouraged for buildings over 37 floors.			√	
1C	Encourage slender towers to complement the skyline and provide more light and air to streets and open spaces below.			√	
Tower guidelines: <i>Non-residential:</i> preferred 32,000 Gross Square Foot floorplate max. <i>Residential:</i> Buildings up to 15 floors: preferred 18,000GSF floorplate max. <i>Residential:</i> Buildings over 15 floors: preferred 12,500GSF floorplate max.				√	
<i>Near Downtown</i>					
2A	Frame the street with appropriate streetwall heights: Shoulder: 3-7 floors, Non-tower option: 9 floors max with min 15ft stepback on portion over 7 floors. No max floorplate up to 9 floors.			√	
2B	Encourage maximum building height of 30 floors.			√	
2C	Encourage slender towers to complement the skyline and provide more light and air to streets and open spaces below.			√	
Tower guidelines: <i>Non-residential:</i> preferred 32,000GSF floorplate max. <i>Residential:</i> Buildings up to 15 floors: preferred 18,000GSF floorplate max. <i>Residential:</i> Buildings up to 30 floors: preferred 12,500GSF floorplate max.				√	
<i>Urban Neighborhood</i>					
3A	Frame the street with appropriate streetwall heights: 2 to 6 floors.			√	
3B	Townhouses are a suitable option, especially on alley blocks.			√	
3C	Encourage neighborhood-scaled streetscapes. Building Shoulder: 2 to 6 floors			√	

<p>Tower Guidelines:</p> <p><i>Non-residential:</i> 8 floors max with a min 12ft stepback on portion over 6 floors: preferred 16,000 GSF floorplate max.</p> <p><i>Residential:</i> 12 floors max with a min 12ft stepback on portion over 6 floors: preferred 10,000 GSF floorplate max.</p>			√	
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TOD Guidelines (T1 Refers to Applicability to Regional Activity Center.)	Meets Intent	Doesn't Meet Intent	N/A	More Information Needed
T2 Discourage land uses that are incompatible with transit and walkability. (Refer to ULDR Section. 47-13, Land Development Regulations.)	√			
T3 Encourage pedestrian connections to transit stops and bike parking. Needs Bike Parking Consult with Transportation & Mobility (TAM)				√
T4 Encourage bike connections to transit stops and bike parking. Needs Bike Parking Consult with Transportation & Mobility (TAM)				√
T5 Parking consistent with TOD Principles. Needs Bike Parking Consult with Transportation & Mobility (TAM)				√
Encourage structured parking with screening or liner building if parking provided.	√			
Surface parking should be configured into smaller lots rather than one large lot.			√	
Surface parking discouraged except pick up/drop off within 200 feet of a Gateway Hub transit station.			√	
Parking should not face onto plaza or park space of any transit station.			√	
Include parking for mopeds, scooters, motorcycles, and other similar vehicles.				√
T6 Incorporate Transportation Demand Management (TDM).				√
Encourage carpooling or vanpooling.				√
Encourage car or bike sharing.				√
Offer flexible hours.				√
Provide shared parking.				√

T7 Reduce parking to eliminate excess pavement and promote highest and best use of land within the station area. (Refer to Section 47-20, Land Development Regulations.)	√			
T8 Encourage green buildings, green site design and green infrastructure.				√
T9 Create attractive, active and safe multimodal systems.			√	
COMMENTS				
1				
2				



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