



DEVELOPMENT REVIEW COMMITTEE (DRC) COMMENT REPORT

MEETING DATE: February 13, 2018

APPLICANT: Urban Development Partners, LLC.

PROJECT NAME: Genco Cluster

CASE NUMBER: R18010

REQUEST: Site Plan Level III Review: 3 Residential Cluster Units

LOCATION: 1145 NE 2nd Avenue

ZONING: Residential Single Family Duplex/Medium Density District (RD-15)

LAND USE: Medium Density Residential

CASE PLANNER: Tyler LaForme



Case Number: R18010

CASE COMMENTS:

Please provide a response to the following:

GENERAL COMMENTS

The following comments are for informational purposes:

1. Permit Applications [F.B.C. 2017-105.3.1.4], Detailed valuation [F.B.C. 2017-109.3]
2. Signed and sealed plans [F.B.C. 2017-107.3.4.0.4] Work on S.F.R. over \$30,000 [F.B.C.2017-107.3.4.0.3]
3. Site plan Details [F.B.C.2017-107.3.5A(1)] setbacks. N. ____, E. ____, S. ____, W. ____,
4. Finished Floor. ____, Flood Zone. _____. Flood vents hazard details [F.B.C.2017-107.3.5A(8)n]
5. Geotechnical Report with recommendations [F.B.C. 2017-107.3.5A.(8)a] or Positive soil statement
6. Broward County Environ. Review Certificate, All additions or new Construction. [F.B.C.105.2.3.4]
7. Special Inspector form completed [F.B.C.2017-110.10.1-2]
8. Special Inspector Plan [F.B.C.2017-107.3.4.3.3] Threshold Bldg.[F.B.C.2017-107.3.5A(8)]
9. R3 or R2 Townhomes HVHZ design calculations, [F.B.C.2017-107.3.5.2]
10. Building structural calculations [F.B.C.2017-107.3.5A(8)f (if required)]
11. Plans insufficient MEPS, Details [F.B.C. 2017-107.3.5.1]Shop Drwgs. [F.B.C.2017-107.3.5.2]
12. Area breakdown: AC , garage, covered porch, balconies, [F.B.C.2017-107.3.5.1] Per floor ____x____
A/C _____ Total Area Under Roof_____ Building Footprint_____ Roof_____
13. Product approvals accepted by designer of record: windows, doors, roof, garage doors, Etc.
[F.B.C.2017-107.3.5.4]
14. Occ. Classification, Min. Type construction, Code submitted to: [F.B.C.2017-107.3.5A(2) and(3)]
Ex. Occ. Class R3, Type VB FBC 2017 Fifth Edition
15. Floor plan dimensioned including window door schedule and attic access [F.B.C.2017-107.3.5.1]
16. Fire required draft stopping, opening protection, fire rated wall details [F.B.C.107.3.5A(4)]
17. Occupancy Load and Egress requirements [F.B.C.2017-107.3.5A(7)] Occupancy Load_____
18. Bedroom Light and Ventilation Requirements (F.B.C.2017-107.3.5A(11))
19. Accessibility requirements: Ex. Res. (1) 29" Clear toilet Rm. Door [F.B.C.2017-107.3.5A(10)]
20. Attic ventilation calculations or Icynene [F.B.C.2017-107.3.5D(3)]Flame Spread Max 25 Icynene
21. Building Elevations showing beam and overall roof Ht. Roof drains, [F.B.C.2017-107.3.5]
22. Guards, handrails, stair detail., landings outswing doors, buck attachments [F.B.C. 2017-107.3.5.1]
23. Chapter 16 Main frame wind requirement criteria: Ex. ASCE 7-10 Etc. [F.B.C.2017-107.3.5.A(8)c.d.e)]
24. Structural plan Req.: foundation, wall, tiebeam, roof schedules [F.B.C.107.3.5A(8)i.j.k.)
25. Roof framing: truss anchors and uplifts including permanent bracing [F.B.C.107.3.5A(8)k]
26. Worst case wind loads PSF (Pos.+ Neg.-) for window and door openings [F.B.C. 107.3.5A(8)c]
27. Gable End detail / beam elevation changes /rake beam details[F.B.C.2017-107.3.5.2]
28. Structural elements Spec.'s (wood, steel, etc.), schedule, sufficient details[F.B.C.2017-107.3.5.2]
29. Safety: Examples- pool barriers [F.B.C.2017-107.3.5A(13)], smoke/C.M. detectors [F.A.C.R314, 315],
elevators (3" floor-5"max hoistway gate) inside door [ASME, ANSI A 17.1] Buildings more than 3 stories-
Elevator car to accommodate ambulance stretcher [F.B.C.2017-3002.4.]Smoke Evac., Alarms
30. All fenestration and insulated areas to comply with F.B.C. Energy Conservation 2017 R402.4.1.1



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

- a. 5' permanent Right-of-Way Easement dedication along south side of NE 12th Street, to complete half of 50' Right-of-Way section; show linework in the plans and on easement exhibit.
- b. 5' permanent Right-of-Way Easement dedication along west side of NE 2nd Avenue, to complete half of 50' Right-of-Way section; show linework in the plans and on easement exhibit.
- c. 20' corner chord permanent Right-of-Way Easement dedication on southwest corner of NE 12th Street & NE 2nd Avenue intersection per ULDR Section 47-24.5.D.p; show linework in the plans and on easement exhibit.
- d. Permanent Sidewalk Easement dedication as appropriate along south side of NE 12th Street 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 linework in the plans and on easement exhibit.
- e. Permanent Sidewalk Easement dedication as appropriate along west side of NE 2nd 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 linework in the plans and on easement exhibit.
- f. Provide 10' x 15' (min.) Utility Easement dedication 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).

CASE COMMENTS:

A. Prior to Planning and Zoning Board Meeting sign-off, please provide updated plans and written response to the following review comments in Section A (additional comments may be required based on subsequent plan revisions):

1. 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 Rohan Punit at 954-828-5859 or rpunit@fortlauderdale.gov.
 - b. Coordinate all transportation related requirements with Benjamin Restrepo at 954-828-5216 or brestrepo@fortlauderdale.gov with the Transportation & Mobility (TAM) Department to meet the Transportation aspect of the Adequacy requirements.
2. Provide documentation from the Broward County Planning Council (BCPC) verifying whether the site requires platting / re-platting. The documents from BCPC shall be submitted to the City's engineering reviewer; the BCPC may be contacted at (954) 357-6695.
3. Provide a 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. Elevations shall be referenced to the North American Vertical Datum of 1988 (NAVD 88).

Please be advised that the boundary survey provided is not based on Standard Title Commitment or Opinion of Title.

4. Discuss status and provide background of existing encumbrances such as easements (including whether public or private) shown on Sketch of Survey: 7.5' Reservation located along west property boundary. Please be advised that vacation of any platted Utility Easement requires a separate DRC submittal, DRC staff support, and City Commission approval.
5. Proposed structures (i.e. portions of building, storm drain infrastructure) shall not be constructed within existing 7.5' Alley Reservation located along west property boundary. Please be advised that vacation of Alley Reservation would require a separate DRC submittal, DRC staff support, and City Commission approval; if vacation of Alley Reservation would be retained as a Utility Easement (or if there is an existing Utility Easement), then a 'letter of no objection' would be required from each utility owner that has an interest in this Utility Easement.
6. Proposed structures (i.e. storm drain infrastructure) shall not be constructed within proposed 20' corner chord dedication on southwest corner of NE 12th Street & NE 2nd Avenue intersection.
7. Provide disposition of existing perimeter fence that encroaches onto adjacent private property (per Sketch of Survey).
8. More prominently show on all plan sheets and typical roadway sections the existing Right-of-Way boundaries adjacent to the proposed development along NE 12th Street and NE 2nd Avenue; also show proposed Right-of-Way Easement, Sidewalk Easement, and existing Alley Reservation boundaries as applicable for this project.
9. 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](#).
10. Sheets A-4 & A-5 (Elevations): Show and label existing Right-of-Way, proposed Easement boundaries, and horizontal building clearances on all building elevation / section details, as appropriate.
11. Coordinate minimum required radius with TAM to limit excess pavement and reconstruct existing corner radius at southwest corner of NE 12th Street & NE 2nd Avenue intersection, adjacent to the proposed development.
12. Since existing City streets in vicinity of proposed development predominantly have roadside swales, only provide curb & gutter (i.e. 'Type F') within NE 12th Street Right-of-Way areas adjacent to



proposed on-street parallel parking stalls (i.e. along front of sidewalk edges and along parking stall end tapers as appropriate). Coordinate NE 12th Street on-street parking with TAM.

13. Show and label on Site Plan clear sidewalk width (coordinate with TAM) for public pedestrian access along development side of NE 12th Street and NE 2nd Avenue, to be located within City Right-of-Way, Right-of-Way Easements, and/or Sidewalk Easements as appropriate; coordinate required sidewalk width with TAM, and align back of sidewalk with Right-of-Way, Right-of-Way Easement, and/or Sidewalk Easement boundary as appropriate.
14. Coordinate with TAM to align proposed curb ramp at southwest corner of NE 12th Street & NE 2nd Avenue intersection, with existing sidewalk at northwest corner of intersection (extend existing sidewalk as appropriate to provide ADA accessibility to asphalt intersection); show eastbound NE 12th Street stop bar location just west of this pedestrian crossing (per BCTED standards).
15. Continue concrete sidewalk across NE 2nd Avenue driveway access point; design NE 2nd Avenue driveway tie-in per the City's Driveway Plan Detail Sheets (Right-of-Way), available online at <http://www.fortlauderdale.gov/home/showdocument?id=1524> via the City's website. Please be advised that portion of proposed driveway flare that extends beyond property boundary frontage (i.e. along NE 2nd Avenue) shall be included in the Maintenance Agreement Area Exhibit.
16. Per ULDR Section 47-20.5.C.6, show and label on Site Plan the minimum vehicle stacking distance required for driveway ingress to and egress from the proposed development – a minimum 12' x 22' area for each vehicle to be accommodated within the stacking area (as measured from the City's street or alley Right-of-Way boundary) so that vehicles do not block parking stalls, parking aisles or driveways of off-street parking facilities; coordinate with parking garage gate access if appropriate, and delete or shift parking stalls in conflict with vehicle stacking requirement.
17. Review potential to provide narrower 18' driveways at two-way ingress/egress points to minimize pedestrian/vehicular conflicts (if Case Planner determines that this cluster project functions as townhouse), with flare outs internally on-site to meet requirements of ULDR Section 47-20.11. If wider driveways are required for functionality of proposed development:
 - a. Provide justification by showing truck turning template circulation (with radii dimensions labeled) of design vehicle accessing the site.
18. Verify and discuss ADA accessibility design for sidewalk improvements along NE 12th Street and NE 2nd Avenue, as well as crossing proposed driveways and connecting to existing sidewalks (at intersections and with adjacent property) as appropriate.
19. Coordinate with TAM for removal of proposed curb ramp at adjacent intersection corner where not appropriate (i.e. crossing non-stop controlled roadways at non-signalized intersections) at southwest corner of NE 12th Street & NE 2nd Avenue intersection.
20. Provide the storm runoff calculations (signed and sealed by a Florida registered professional engineer). The calculations shall show how the minimum road crown and finished floor elevations are met, and how the 25-year, 3-day storm event is maintained on site with zero discharge to Right-of-Way and adjacent properties. Any site that goes through DRC must store at least the 25-year 3-day event on-site with NO EXCEPTIONS, if proposed drainage design is not intended to meet or exceed the pre-existing site condition. 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.



21. Coordinate with Public Works – Utilities Division for any connections to and/or demolition of existing City infrastructure along NE 12th Street and NE 2nd Avenue:
 - a. For Storm Drainage, contact Elkin Diaz at 954-828-6539 or ediaz@fortlauderdale.gov. Please be advised that 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.
 - b. For Sanitary Sewer, contact Steve Roberts, Jr. at 954-828-7855 or srobertsjr@fortlauderdale.gov.
 - c. For Water Distribution, contact Keith Hutchison at 954-828-7682 or khutchison@fortlauderdale.gov. Please be advised that 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, email plan@fortlauderdale.gov.
 - e. Provide flow test results; submit the application to Water Billing Division, available online at the City's website at <http://www.fortlauderdale.gov/home/showdocument?id=22765>.
 - f. Provide written correspondence between the Public Works – Utilities Distribution and Collection Division and the Engineer of Record.
22. 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.
23. Provide support data that this site meets the fire hydrant locations and distribution as per the National Fire Protection Association (NFPA) Codes and Standards. Clearly show all existing and proposed fire hydrants and 500-foot radius of coverage area. In addition, please note that a fire hydrant shall be installed within 100 feet of the Fire Department Connection.
24. Applicant is strongly encouraged to prepare a preliminary staging storage plan, which includes phasing and information regarding the site layout of the temporary construction measures; the purpose of this plan is to identify the temporary construction measures that will be used to protect the general public, adjoining properties, and minimize the impact of construction on neighboring transportation system, landscaping, Right-of-Way encroachments, and businesses. Please be advised that 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.
25. Provide the ADA parking, access/driveway, and sidewalks/ramps in accordance with Chapter 553 of the Florida's Statutes, "Accessibility of Handicapped Persons "and latest edition of "Accessibility Requirements Manual" by Department of Community Affairs Florida Board of Building Codes and Standard and in accordance with American Disability Act (ADA).
26. Verify the existing utilities shown on the survey (including existing 20 Inch CIP water main within adjacent NE 12th Street Right-of-Way – per City Utility Atlas Maps) and describe whether the connection and routing of franchised utilities (power, cable, gas, communications, etc.) serving the proposed development will need to be removed and/or relocated. Especially coordinate undergrounding of overhead lines with utility companies as required; provide routing layout on Civil and Landscape plans.



27. Applicant shall typically not connect the on-site drainage system to those within the adjacent public Right-of-Ways of FDOT, BCHCED, and the City; otherwise, provide written correspondence from the appropriate jurisdiction that authorizes maintaining an existing connection.
28. 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.
29. Please note that any road cuts for utilities or curb cuts within in the City Right-of-Way shall be restored to full lane width for 50' minimum length, per City Code of Ordinances Section 25-108; show and label in plans as appropriate.
30. Please prepare and submit the following exhibits which clearly define the following (as applicable):
 - a. Right-of-Way / Easement Dedication / Vacation Exhibit.
 - b. Maintenance Agreement Area Exhibit.
 - c. Revocable License Agreement Area Exhibit.
31. Prior to Final DRC sign-off, document with digital photos (including Key Map) and/or videos of the existing condition of the City's Right-of-Way adjacent to the proposed development. Photos (not Google Street View images) and/or videos should include vantage points of the entire City Right-of-Way frontage adjacent to the proposed development, from both directions along City roadways and/or alleys, as well as of any other notable existing features.

B. Prior to Building Permit (Engineering) Approval, please respond to the following review comments in Section B:

32. Prepare and submit the following Civil Engineering drawings as part of DRC submittal, signed and sealed by a Florida registered professional Civil Engineer:
 - a. Paving, Grading, and Drainage Plan, including any existing public storm drain infrastructure adjacent to the proposed development (show all pipe materials and sizes on the plan) to demonstrate how stormwater runoff will remain onsite (provide sufficient spot elevations around building footprint, landscape areas, and property lines). Please be advised that all proposed storm drains with City Right-of-Way shall be constructed with Reinforced Concrete Pipe (RCP).
 - b. Water and Sewer Plan, including any existing water mains, force mains, gravity mains, etc. (show all pipe materials & sizes on the plan). Please be advised that all proposed water mains constructed within City Right-of-Way shall be Ductile Iron Pipe (DIP).
 - c. Erosion and Sediment Control Plan, to be reviewed for the drainage impacts to adjacent properties, surrounding Right-of-Way, stormwater facilities, and neighboring water bodies. Please be advised that proposed silt fence taller than 30" is not allowed within sight triangles.
 - d. Signing and Marking Plan, including details, and label radii of all landscaping and pavement areas.
 - e. Provide typical cross-sections along all property lines, including at driveway access points, at on-street parallel parking lanes, and at landscape areas as appropriate. Show how the existing and proposed grades will tie to one another, and how stormwater runoff will remain onsite. Also, show spot elevations along the perimeter (property lines) on the Paving, Grading, and Drainage Plan.
33. Bike racks (if recommended by TAM) shall be located within the proposed development property lines, and outside sight triangles, easements and dedications.



34. Dimension typical roadway travel lane widths (and on-street parallel parking lane lengths / widths, as appropriate if recommended by TAM) on the Site Plan for the proposed development side of NE 12th Street and NE 2nd Avenue.
35. Provide and label typical roadway cross-sections for the proposed development side of NE 12th Street and NE 2nd Avenue: at driveway access points, at on-street parallel parking lanes, and at landscape swale areas (i.e. between travel lane and sidewalk) as appropriate.
36. Coordinate with Stephanie McCutcheon at 954-828-5054 or smccutcheon@fortlauderdale.gov regarding trash and solid waste disposal, dumpsters, and recycling.
37. Provide drainage pipes to drain structural soil (per Silva Cell specifications or approved equal) at proposed tree planting areas; coordinate Civil plans with Landscape plans as appropriate.
38. Provide Demolition and Utility Disposition Plan for existing building structures, paved areas, walls, and underground utilities, including limits of any existing City sanitary sewer, storm drain, and/or water main infrastructure to be removed and/or modified.
39. Provide Utility Connection Plan for all franchise utilities (i.e. AT&T, Comcast, FP&L, etc.) in addition to the water and sewer connections.
40. Show all existing and proposed utilities on the landscaping plans for potential conflict, especially existing 20 Inch CIP water main within adjacent NE 12th Street Right-of-Way (per City Utility Atlas Maps).
41. Provide dedicated fire service connection (i.e. not combined with domestic water service connection), as applicable per the NFPA guidelines, for the proposed development. Buildings with fire pumps must have an adequate and reliable capacity and shall be of single supply as per AHJ per NFPA 24 2.3. Per NFPA 13 23.1.3.2 (2007 ed.), when a single supply serves a main less than 6 in., then it may serve both domestic and fire systems. If fire main required is larger than 6 in. must be single use and dedicated to fire service.
42. Please be advised that Drainage Well, Backflow Preventer, etc. assemblies shall be located within proposed development, and not within the City's Right-of-Way or permanent easements; coordinate proposed location(s) within the respective FDOT and BCHCED jurisdictions as appropriate.
43. Submit the State of Florida Notice of Intent (FAC 62-621.300(4)(b)) per the Florida Department of Environmental Protection (FDEP) criteria. Notice is required for sites of one (1) acre or larger site area with the potential for discharge of sediments to surrounding surface waters or drainage systems which discharge indirectly to those surface waters as classified or otherwise identified in the Florida Administrative Code (FAC). Therefore, the Applicants whose projects disturb one or more acres of soil or whose projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity.
44. Please be advised that all proposed improvements within or adjacent to the FDOT, BCHCED, and City Right-of-Ways are subject to coordination with and issuance of a permit from the said entities (for proposed driveways, sidewalks, etc.), as well as the execution of an agreement that authorizes those entities for removing the improvements for any public purpose in the future. The Applicant shall also execute a maintenance agreement with the appropriate FDOT, BCHCED, and City entities attesting that all improvements, including landscaping, hardscaping, drainage system, lighting, etc., proposed within or adjacent to the public Right-of-Way will be maintained by the Applicant throughout the life of the improvements.



Please note that all easements and maintenance agreements shall be recorded prior to final permit close out and Certificate of Occupancy issuance.

45. Obtain a Transportation Concurrency Satisfaction Certificate from the Broward County Planning and Environmental Regulation Division (BCPERD). Please contact Howard Clarke at 954-357-5760 or hoclarke@broward.org at BCPERD to determine whether the project is subject to the Transportation Concurrency Fees. In addition, please contact Pierre Dogniaux with the Broward County Transit Division at 954-357-8304 to determine what (if any) improvements are suggested to ensure mobility needs are adequately met for this proposed site.
46. Obtain a general or surface water management license from the Broward County Environmental Protection & Growth Management Division (BCEPGMD). Route certified calculations with Paving & Drainage plans to the engineering reviewer.
47. Route and obtain approval from Broward County Traffic Engineering Division on pavement marking and striping plans within City Right-of-Way.
48. Verify the means for the demolishing the existing structures on the property so that appropriate timely notice and coordination can be executed with the City Public Works Utilities, and franchise utility companies to control the impacts from the demolition. Please be advised that a permit is required for demolishing work activities.
49. Prepare an appropriate staging plan, which includes phasing and information regarding the site layout of the temporary construction measures. The purpose of this plan is to identify the temporary construction measures that will be used to protect the general public, adjoining properties, and minimize the impact of the construction on neighboring transportation system, landscaping, Right-of-Way encroachments, and businesses. The items to be addressed by the staging plan shall include but not limited to the following:
 - a. Submit a Construction Phasing Plan clearly depicting the phasing of construction if applicable. The plan shall show the following:
 - 1) Include a narrative for each phase along with roadways utilized for materials delivery.
 - 2) Clearly show boundaries of the site, dimensions, and names of all streets and alleys, direction of travel, bike lanes, on-street parking, and sidewalks.
 - 3) Show location of Job trailers or construction offices for the staff, general contractor, and subcontractors with Finished Floor Elevations.
 - 4) Show location, type, and size of temporary construction fencing, including locations of gates and gate swing radii. If corners of the fence correspond with cross streets, propose a fence boundary that will not obstruct sight lines for motor vehicles.
 - 5) Show location and type of construction crane(s), including span radius.
 - 6) Indicate location and number of portable restrooms, dumpsters, and trash chutes.
 - 7) Show location of the Fire Department Connection during construction and a water supply (hydrant) in accordance with NF.P.A.1, Chapter 29.
 - 8) Show location of any sidewalk to be closed or protected as required by Chapter 33 of the Florida Building Code.
 - 9) Indicate location and time frame of any street closures (part or entire street) with a detour signage plan meeting MUTCD standards, prepared by a Certified Traffic engineer or technician. Please be advised that the City Commission approval will be required for detours and street and sidewalk closures lasting over 72 hours, and the said approval may take eight (8) weeks or more.



- 10) Show all existing parking spaces that may be affected by the construction (or construction phasing) and indicate all parking spaces that would be included within proposed construction boundaries for each phase.
 - 11) Show location of parking for inspectors and construction personnel. Include all off-site parking – location, period of lease and number of spaces leased. If shuttle will be provided between parking and job site – give shuttle schedule and show the route of the shuttle.
 - 12) Show loading/unloading areas for material delivery to include entry and exit path of vehicles without backing into the street.
 - 13) Show routes that delivery trucks will be instructed to follow when traveling to and from the site. All efforts should be made to avoid residential and/or small, merchant lined streets. This may be shown in a separate drawing, prepared at an appropriate scale in order to illustrate route through the City.
 - 14) Indicate where and how concrete trucks will stage during multiple yardage pours.
 - 15) Provide an Erosion Control Plan and show location and type of silt fencing for dust control along with measures for erosion control against material leaving the site from vehicular traffic.
 - 16) Indicate the locations of storm inlets. If physical measures will be taken to protect inlets, illustrate these on the Erosion Control Plan.
 - 17) Show locations of truck wash-off area and procedures, including tires and concrete chutes.
 - 18) Indicate schedule for street sweeping of periphery of the construction site.
 - 19) Indicate if dewatering is proposed.
50. Please be advised a dewatering permit from Broward County Environmental Protection Department (EPD) is required for sites within ¼ mile of a known contamination site. A map of contaminated sites can be found at <http://bcgis.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=5d9ec5c1eb614c8b88d8990f48b15b7a#> or contact Norman Arrazola at narrazola@broward.org or 954-519-1237 to make this determination.
51. Apply and obtain a South Florida Water Management District (SFWMD) dewatering permit activities if off-site discharge is anticipated. Any planned activity that requires dewatering needs to be reviewed by SFWMD. In many cases, this could involve an email to SFWMD that include a description of the activity. If no permit is required, SFWMD will let you know. The SFWMD contact person is Steve Memberg (smemberg@sfwmd.gov).
52. Pay capital expansion fees for water and wastewater treatment, distribution, and disposal at the rate identified in City Ordinance C-05-21. The fee will be calculated based on Equivalent Residential Connections (ERC's). Provide a calculation for existing and proposed ERC's for approval by Urban Design Engineer. Impact fees shall be paid prior to the issuance of the building permit.
53. Please note that any lighting within the City's Right-of-Way shall be approved and authorized by the City's Engineering and /or Building (Electrical Staff) Department. Any lighting placed in the Right-of-Way shall be powered by an approved lighting circuit from the proposed development or FPL source and will require an engineering permit. Any new lighting system powered by private source shall require a Revocable License Agreement with the City along with a "disconnect" that shall be accessible by Facilities Maintenance staff in or near the Right-of-Way. Please contact the Facilities Maintenance Office, David Smith at 954-828-6560, for information concerning the lighting within the City's Right-of-Way.
54. Obtain a franchise utility engineering permit before installing, removing, or relocating poles (lighting or electrical) within the City's Right-of-Way. Permanent or temporary relocations or removals shall be reviewed and approved by the City.



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55. Please discuss the locations/relocation of the underground utilities with the City Public Works Department - Utilities, Rick Johnson at 954-828-7809 or rjohnson@fortlauderdale.gov, as well as proposed methods of noise, vibration, and odor mitigation.



Case Number: R18010

CASE COMMENTS:

Please provide a response to the following:

1. Confirm street tree and landscape requirements have been met for Cluster Development as per Sec. 47-18.9.
2. The zoning of this property requires at least one tree for each 1,000 square feet of net lot area or portion thereof, as per ULDR 47-21.13.A&B. This tree planting requirement is in addition to the VUA landscaping requirements. Twenty percent of the trees shall be shade trees. Please illustrate the calculations and planting on plan.
3. The zoning of this property requires at least twelve ornamental shrubs for each 1,000 square feet of net lot area or portion thereof, as per ULDR 47-21.13.A&B. Shrub planting requirements are in addition to the VUA requirements. At least 50 percent of all required shrubs shall consist of native species. Please illustrate the calculations and planting on plan.
4. Illustrate the location of overhead utilities and follow FPL Right Tree Right Place guidelines for tree selection and placement.
5. 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 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.
6. Because the landscaped area along the building in the drive area is under the building overhang, this does not count toward landscaped pervious area for landscape requirement.
7. Consider installing palm trees along S perimeter at driveway.
8. Reduce driveway to allow for pervious area, structural soil and canopy tree at right-of-way swale.
9. Provide mitigation calculation for tree #7.
10. Provide ISA Certified Arborist report, 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.

GENERAL COMMENTS

Please consider the following prior to submittal for Building Permit:

1. A separate sub-permit application for Tree Removal & Relocation, and General Landscaping for site are required at time of master permit submittal.



2. 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.
3. Note that tree removal at time of demolition will not be permitted unless the Master Permit for redevelopment has been submitted for review.



Case Number: R18010

CASE COMMENTS:

Please provide a response to the following:

1. No Comments

Noted: This development will use of proper site lighting for the occupants, all new glazing and doors will be impact resistant, and each unit will be prewired for an automatic alarm system. Vehicles will be stored inside the parking garages.

GENERAL COMMENTS

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

- 1.

Please consider the following prior to submittal for Building Permit:

- 1.



Case Number: R18010

CASE COMMENTS:

The City GIS shows grass swales as stormwater assets adjacent to the proposed development-- as shown in the map provided at the end of this report. The following comments pertain to possible impacts of the proposed development and/or construction activities to the existing condition of the City's stormwater assets. The applicant shall provide an itemized response letter addressing the following comments:

Prior to Final DRC Sign Off, the applicant shall address these comments:

1. Consider changing proposed parallel street parking surface from asphalt to pervious pavers.
2. Provide water quality treatment for the removed street grass swale area of NE 12 Street

Prior to Issuance of Building Permit, the applicant shall address these comments:

1. Please provide (or revise if already submitted) an erosion, sedimentation, and stormwater pollution prevention plan (**SWPPP**) showing the adjacent City's existing stormwater system as shown in the survey and to the limits shown with green line work in the storm map provided at the end of this report. A copy of the approved SWPP shall be at the construction site from the date of demolition initiation to the date of final construction activities.

Add the following notes to the **SWPPP** (CCTV Notes, Pollution Prevention Notes, and Dewatering Notes):

Closed Circuit TV inspection (CCTV) Notes

- a) Contractor shall provide CCTV videotapes to City STW OPS of the existing stormwater system to the limits shown with green line work in the storm map provided at the end of this report in order to document the PRE and POST construction conditions of the City's storm system.
- b) Contractor shall provide the PRE construction CCTV to City STW OPS when applying for a demolition permit at the City's building department.
 - I. If debris is found in the City's stormwater system prior to demolition or construction, the applicant, contractor, developer or designer (as applicable) shall inform the City's stormwater operations department for proper removal.
- c) Contractor shall provide the POST construction videotape to City STW OPS when requesting the Certificate of Occupancy (CO) to verify that the City's stormwater systems have not been negatively impacted by the demolition and construction activities.
 - I. If debris is found in the City's storm systems as a result of demolition or construction activities, it will be the responsibility of the contractor to vacuum clean the City's stormwater system (or make repairs as requested by City's stormwater operations group) prior to issuance of final CO.
 - II. If surface water runoff or debris from demolition or construction activities is found to have negatively impacted the condition of the City's stormwater assets, it will be the responsibility of the applicant (contractor, developer, and owner) to rectify the infraction(s) as requested by City.

Pollution Prevention Notes

- a) Contractor shall adhere to of the National Pollution Discharge Elimination System (NPDES) requirements. The contractor shall institute Best Management Practices (BMPs) to ensure compliance with the NPDES program and to minimize the impact to public stormwater facilities. A Notice of Intent (NOI) shall be filed prior to start construction activities.
- b) Prior to demolition activities, contractor shall install pollution prevention control devices (i.e., silt barriers, sediment basins, turbidity barriers around stormwater outfalls on the waterside of lakes,



ponds, canals, or waterways, silt screens, etc. according to the approved SWPPP and as recommended by the Florida Department of Environmental Protection (DEP) latest guidelines and permitting requirements.

- c) Prior to demolition activities, a silt fence in accordance with the approved SWPPP details and latest DEP standards shall be erected around the site property lines. All public inlets surrounding the site shall be protected by the installation of filter fabric into the frame and grate or other approved BMPs to protect against storm runoff.
- d) Pollution control installations, as approved and shown in the SWPPP, shall be maintained throughout demolition and construction periods until the project has been completed and approved by City engineering inspector or project engineer.
- e) Contractor shall inspect the pollution control devices daily for signs of malfunction, failure, or needed repairs, and shall make remedial actions immediately upon discovery.
- f) Existing stormwater inlets, catch basins, or manholes, onsite and offsite, shall be protected from sediment storm runoff from the proposed demolitions and construction activities.
- g) Contractor shall immediately remove all mud, dirt, or other materials tracked or spilled onto existing roads and facilities due to demolition or construction activities from the proposed development.
- h) In order to minimize the amount of sediments, mud, and dust transported onto public roadways by the construction vehicles or runoff, the contractor shall install stabilized temporary construction entrance(s) from the construction site as recommended by FDEP. Each temporal construction entrance is a stabilized 6 inch thick layer of 2 to 3 inch Course Aggregate Stone, 12" minimum width, and length to accommodate a minimum of one trucking vehicle.
 - i. The entrance shall be maintained periodically as conditions demand in a condition that will prevent tracking or flowing of sediments onto public rights-of-way. Sediment shall be trapped in cleanout areas and properly handled as onsite debris per applicable state regulations.
 - ii. When necessary, vehicle wheels shall be cleaned prior to entrance onto public right-of-way.
 - iii. All materials spilled, dropped, washed or tracked from vehicles onto roadways or into public storm drains must be removed by the contractor immediately.
 - iv. Trucks shall not 'cut corners' where the construction exit meets the roadways.
 - v. Sweeping of public roadways shall be done periodically as condition demand.
- i) Dust generated from construction shall be minimized by daily watering of the site.
- j) Contractor shall provide an erosion and sedimentation control inspector to inspect all points of discharge into nearby waterbodies to record the condition of discharge points, integrity of silt fence and pollution control devices, dust control measures, vehicular traffic and construction material storage and disposal. Written record of all inspections shall be stored by the contractor during demolition and construction periods and shall be submitted to City inspectors upon request.

The inspection report shall include at a minimum the following information:

- i. Name of inspector and his/her qualifications in erosion and sedimentation control
- ii. Date of the inspection
- iii. Rainfall rate
- iv. Observations about the SWPP
- v. Actions taken by contractor for all incidents of noncompliance with permit(s)
- vi. Certification that the facility is in compliance with the SWPP and permit(s)

Dewatering Notes

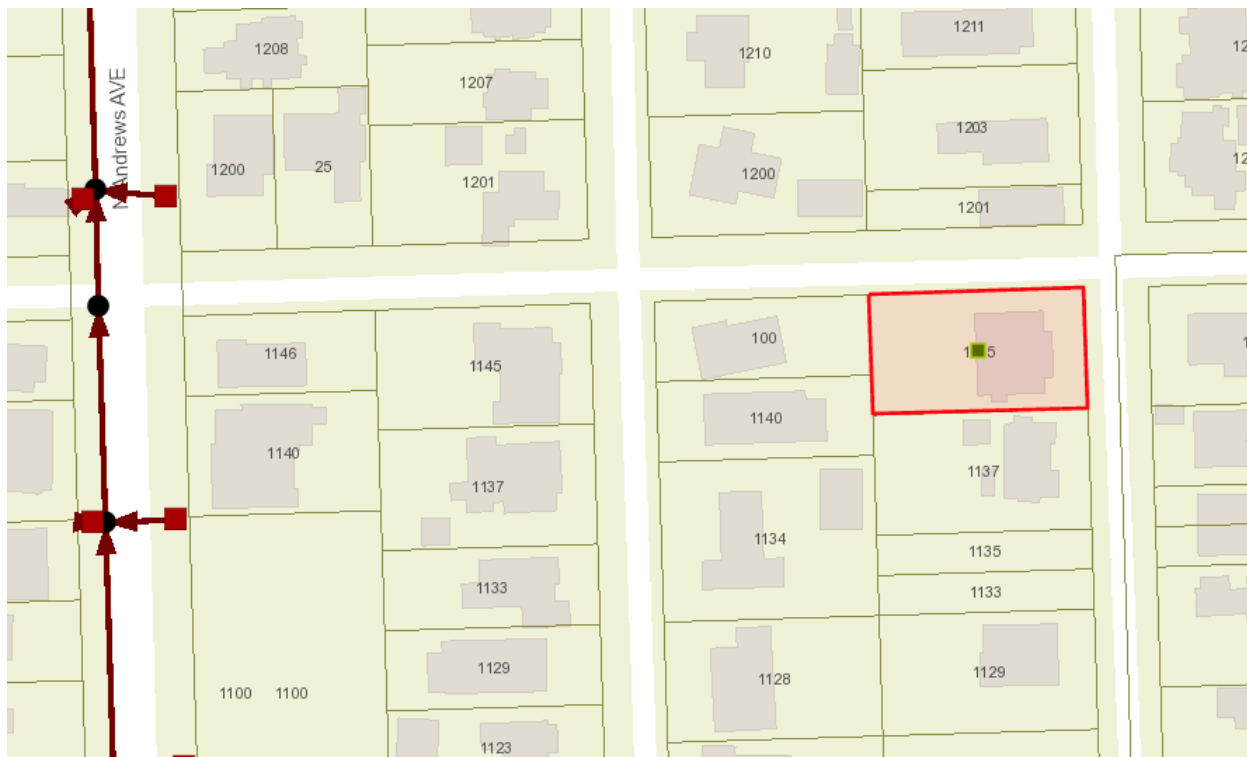
- a) The applicant shall use Broward County's latest [Plate WM 2.1 - Future Conditions](#) for determining the average wet season ground water levels to evaluate if demolition or excavation/earthwork will require dewatering activities. The Plate WM 2.1 – Future Conditions average wet season ground water levels can be accessed through the following link:
<http://bcgis.maps.arcgis.com/apps/View/index.html?appid=70c3f3ffc88748c28e432719ec2844c4>



- b) If dewatering activities are anticipated, a notarized City dewatering affidavit shall be filed at City's building department when submitting a demolition or foundation permit along with any applicable dewatering permit form regulatory agencies such as the South Florida Water Management District or Broward County Department of Environmental Protection.
- c) If dewatering is going to be needed, please submit a dewatering plan, so it can be reviewed by the City's stormwater and environmental groups.
- d) Dewatering activities will not be allowed without an approved dewatering affidavit, SWPPP, and dewatering permit from applicable regulatory agencies.

2.

Existing Stormwater Asset Map possibly affected by the Proposed Development





Case Number: R18010

CASE COMMENTS:

Please provide a response to the following:

1. Garbage, Recycling and Bulk Trash shall be provided by the City.
2. Service Days shall be: Scheduled service days will be set by the City.
3. Unit # 1 and Unit # 2 shall place containers on NE 12th Street. Unit # 3 shall place containers on NE 2nd Avenue
4. Containers shall be stored in the garage on non-collection days.

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. None



Case Number: R18010

CASE COMMENTS:

1. The city reserves the right to meter on-street parking spaces at any time.
2. Please tighten the curb return radius to 15 feet at the SW corner of the NE 12th St & NE 2nd Ave intersection.
3. Please show the 22 foot stacking distance from the proposed easement line.
4. 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.
5. Please consider enhancing the pedestrian experience by providing interactive public art works, seating, and shade along all sidewalks to promote multimodal travel.
6. 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.
7. Additional comments may be provided upon further review.
8. 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.



Case Number: R18010

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 neighborhood associations is provided on the City's website: <http://www.fortlauderdale.gov/neighbors/civic-associations>). Please provide acknowledgement and/or documentation of any public outreach.
- 2) The site is designated as Medium Density Residential 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 copy of plat 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) The proposed project requires review and approval by the Planning and Zoning Board. A separate application and fee is required for PZ Board submittal, and the applicant is responsible for all public notice requirements (Sec. 47-27). In addition, the development permit shall not take effect nor shall a building permit be issued until thirty (30) days after approval, and then only if no motion is adopted by the City Commission seeking to review the application.
- 5) Indicate the project's compliance with the following ULDR sections by providing a point-by-point narrative response, on letterhead, with date and author indicated.
 - a. Sec. 47-18.9, Cluster Dwelling Requirements
- 6) Provisions satisfactory to the City Attorney's Office shall be made for a recordable easement over the driveway for all public utilities and for use by owners within the group. A cluster development shall have a recorded maintenance agreement for the common areas. Such agreements must be reviewed and approved by the City Attorney's Office prior to Final DRC sign-off. A minimum five foot easement is required around each building group except when directly abutting a right-of-way.
- 7) Provide the following changes on the site plan:
 - a. Provide the proposed building height on the site plan data table,
 - b. Consider re-locating the AC units in the front of the building to the roof,
- 8) Ensure that the proposed additional setbacks for each façade are consistent with the requirements of Sec. 47-18.9.C.4.f, and that the facades are properly labeled on the elevation drawings.
- 9) Per Section 47-18.9.C.5, Illustrate that the elevations of the front façade have been designed with 25% transparent glass.
- 10) Contact Richard Benton, Floodplain Manager, at rbenton@fortlauderdale.gov or (954) 828-6133 to discuss compliance with floodplain ordinance.



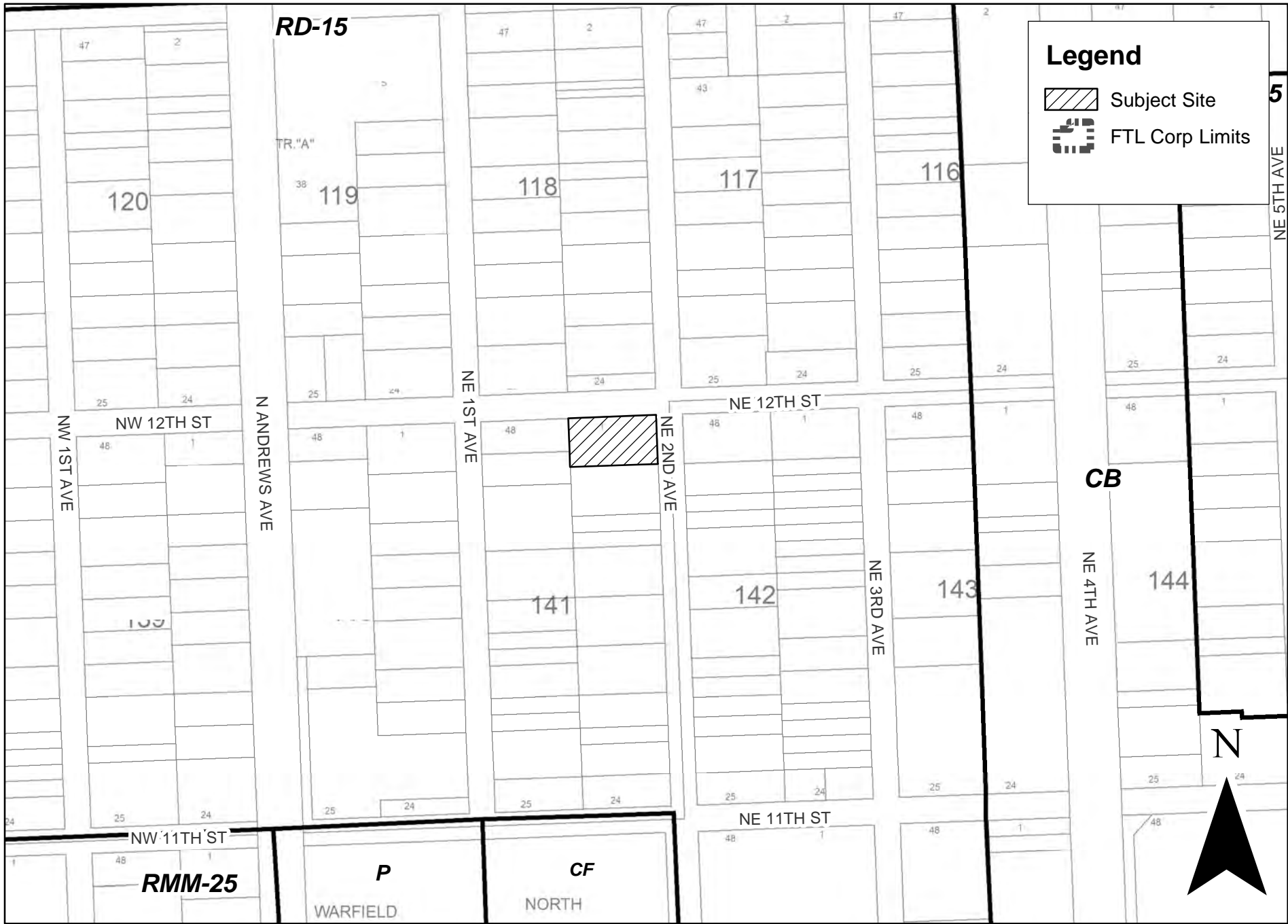
- 11) Consider increasing the overall landscaped area on the site. In addition, street trees shall be planted and maintained along the public right of way abutting the property to provide a canopy effect. Consider revising the site plan and landscape plans to include canopy trees on the southeast corner of the building and along NE 2nd Avenue. These trees shall be planted at a minimum height and size in accordance with the requirements of Section 47-21. Discuss shade tree types with the Landscape Representative.
- 12) On the civil plans (page C-1), change "townhomes" to "cluster".
- 13) Provide roof plan for all structures indicating the location of all mechanical equipment. This plan shall include spot elevations of the parapet wall and roof as well as mechanical equipment to verify adequate screening and to illustrate how equipment will be screened or shielded from view. In addition, indicate all mechanical equipment within the subject site on the site plan and elevations where applicable.
- 14) Ensure compliance with the Florida Building Code to determine the Occupancy Group and Class as well as the Type Construction. When the permits for a cluster development are submitted to the building department, the buildings will be reviewed as an R-2 Occupancy under the Florida Building Code. For more information, please contact Joe Pasquariello, Structural Plans Examiner, at jpasquariello@fortlauderdale.gov.
- 15) The City's Vision is to support sustainable infrastructure. Consider a green sustainable roof as part of this site plan. Green roofs help to conserve energy, improve air quality and may provide an extra amenity space. Other green building practices to be considered throughout the project include tank-less water heaters, rain collection systems, pervious pavement where appropriate, bio-swales, Florida Friendly™ plant materials, and solar panels.
- 16) It is strongly recommended that bicycle parking in visible, well-lit areas as close as possible to pedestrian entryways/doors is provided. In addition where possible, locate bicycle parking facilities in an area that is sheltered/covered. Show internal secured bicycle racks and/or external bike racks on the site plan. 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 Karen Warfel at KWarfel@fortlauderdale.gov.

GENERAL COMMENTS:

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

- 17) Provide a written response to all DRC comments within 180 days.
- 18) An additional follow-up coordination meeting may be required to review project changes necessitated by the DRC comments. Prior to routing your plans for Final DRC sign-off, please schedule an appointment with the project planner (Tyler Laforme 954-828-5633) to review project revisions and/or to obtain a signature routing stamp.
- 19) 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.
- 20) Additional comments may be forthcoming at the DRC meeting.



R18010

