



DEVELOPMENT REVIEW COMMITTEE (DRC) COMMENT REPORT

MEETING DATE: February 27, 2018

APPLICANT: Savant Development Group

PROJECT NAME: Mod Lab

CASE NUMBER: R18015

REQUEST: Site Plan Level II Review: 111 Multifamily Residential Units and 7,300 Square Feet of Commercial Use in the Northwest Regional Activity Center

LOCATION: 744 N Andrews Avenue

ZONING: North West Regional Activity Center - Mixed Use Northeast (NWRAC-MUne)

LAND USE: Northwest Regional Activity Center (NW-RAC)

CASE PLANNER: Florentina Hutt



Case Number: R18015

Please Consider the Following:

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/dca/dca_fbc_default.aspx
- c. <http://www.broward.org/codeappeals/pages/default.aspx>

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] Non SFR over \$15,000[F.B.C.2017-107.3.4.0.1] 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)I]
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



Case Number: R18015

DEDICATION OF RIGHTS-OF-WAY: Per ULDR Section 47-25.2.M.5, property shall be conveyed to the public by plat, deed or grant of easement as needed in accordance with the Broward County Trafficways Plan, the city's comprehensive plan, subdivision regulations and accepted applicable traffic engineering standards:

- a. 9' Right-of-Way and/or permanent Right-of-Way Easement dedication along east side of N Andrews Avenue (coordinate with BCHCED), to complete half of 88' Right-of-Way section per the most current Broward County Trafficways Plan; show / label delineation in the plans. Clarify with BCHCED if their dedications are to be Right-of-Way (which may affect building setbacks) or Right-of-Way Easement (which do not affect building setbacks).
- b. 5' permanent Right-of-Way Easement dedication along south side of NE 8th Street, to complete half of 50' Right-of-Way section; show / label delineation in the plans.
- c. Permanent Sidewalk Easement dedication as appropriate along east side of N Andrews Avenue to accommodate portion of pedestrian clear path (coordinate required width with TAM) that may be located beyond public Right-of-Way (coordinate with BCHCED); show / label delineation in the plans.
- d. Permanent Sidewalk Easement dedication as appropriate along south side of NE 8th Street to accommodate portion of 7.5' (min.) pedestrian clear path located beyond public Right-of-Way and/or Right-of-Way Easement dedication (per City's Northwest RAC Master Plan guidelines); show / label delineation in the plans.
- e. 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); 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. 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.
2. All proposed improvements within or adjacent to the Florida Department of Transportation (FDOT), Broward County Highway Construction & Engineering Division (BCHCED), and City Right-of-Way are subject to issuance of a Right-of-Way permit from the authority having jurisdiction. This shall include the execution of an agreement that authorizes those entities the authority to remove improvements for any public purpose in the future.

Please coordinate and provide approval or written correspondence (as appropriate) from the following agency for the improvements along:

- a. N Andrews Avenue – BCHCED.



3. 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.
4. 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 provide boundary survey that is based on Standard Title Commitment or Opinion of Title.

5. Coordinate with BCHCED regarding possible corner chord Right-of-Way and/or permanent Right-of-Way Easement dedication on southeast corner of N Andrews Avenue & NE 8th Street intersection; show / label delineation in the plans as appropriate.
6. Spot elevations/grades shown in proposed development plans shall be per North American Vertical Datum of 1988 (NAVD 88), instead of National Geodetic Vertical Datum of 1929 (NGVD 29).
7. More prominently show on all plan sheets and typical roadway sections the existing Right-of-Way boundaries adjacent to the proposed development along N Andrews Avenue, NE 8th Street, and 15' Alley; also show proposed Right-of-Way, Right-of-Way Easements, and Sidewalk Easements as applicable for this project.
8. Discuss how this proposed development will not compromise integrity of existing building structure located immediately adjacent to south property boundary.
9. Sheets A-8 thru A-11 (Building Elevations): Show and label existing Right-of-Way, proposed Easement boundaries, and horizontal building clearances on all building elevation / section details, as appropriate. Label vertical clearance above public access sidewalks along N Andrews Avenue and NE 8th Street, if any building overhang is proposed.
10. Accurately show how proposed improvements within adjacent public Right-of-Way tie-in with existing pavement edges along N Andrews Avenue, NE 8th Street, and 15' Alley.
11. Provide and label typical roadway cross-sections for the proposed development side of N Andrews Avenue, NE 8th Street, and 15' Alley: at driveway access points, at on-street parallel parking lanes, and at landscape swale areas (i.e. between travel lane and sidewalk) as appropriate. Remove proposed curb along NE 8th Street, in order to maintain historic roadway swale drainage pattern.
12. Sheets A-8 & A-9: Proposed building balconies, roof overhangs, and other encroachments within Right-of-Way Easements (i.e. for NE 8th Street), shall be incorporated with the proper language within those Easement dedication agreements, provided that 14' (min.) vertical clearance is provided at ground level. Otherwise, please be advised that any permanent encroachment into the City's Right-of-Way (including Alley encroachments), including but not limited to building overhangs and signage, requires a separate Design Review Committee (DRC) submittal and a Revocable License



Agreement. Future coordination with the City Attorney's Office will be needed to coordinate the proper requirements and conditions. Any permanent encroachment into other jurisdictional (i.e. FDOT, BCHCED, etc.) Right-of-Way and perpetual easements shall be coordinated with those agencies.

13. Continue concrete sidewalk across NE 8th Street driveway access point; design NE 8th Street 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. Remove proposed curb along NE 8th Street, in order to maintain historic roadway swale drainage pattern.
14. Label on Site Plan Data Table the required and proposed type of loading zone(s) required, per ULDR Section 47-20.2 Table 2 and Section 47-20.6; also label location of ADA van-accessible parking stalls.
15. For all levels in the parking garage:
 - a. Show and label vertical clearances, dimension areas including drive aisle widths, 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.
16. Provide detail for proposed double-stacked parking stalls (i.e. loaded with vehicles), including vertical clearance requirements; discuss whether these will be operated by valet parking attendants.
17. Clarify design intent of site grading in the vicinity of proposed building (i.e. ground level Finished Floor appears to be over 2' higher than existing ground), especially with regards to fill requirements per City's Code of Ordinances Chapter 14 – Floodplain Management, including Ordinance C-14-26. Please contact the Floodplain Manager, Richard Benton at 954-828-6133 or rbenton@fortlauderdale.gov.
18. 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. Applicant is strongly encouraged to submit this information prior to Final DRC approval in order to avoid possible subsequent Site Plan resubmittal under Administrative Review (i.e. DRC Level I) during Building Permit approval process.

Additional coordination maybe required for proposed development located within this 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.

19. 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, 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 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).

20. Coordinate with Public Works – Utilities Division for any connections to and/or demolition of existing City infrastructure along N Andrews Avenue and NE 8th Street.
 - a. For Sanitary Sewer, contact Steve Roberts, Jr. at 954-828-7855 or srobertsjr@fortlauderdale.gov. 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.
 - b. 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.
 - c. Provide written correspondence between the Public Works – Utilities Distribution and Collection Division and the Engineer of Record.
21. Show all existing and proposed utilities on the landscaping plans for potential conflict.
22. 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.
23. Any new trees (located within or adjacent to City Right-of-Way) should be placed with sufficient horizontal and vertical distances (per BCHCED guidelines) to / from BCHCED public stormwater infrastructure to allow for continued BCHCED maintenance without obstruction. If this cannot be accommodated due to field conditions, then the developer shall relocate the existing BCHCED public infrastructure to resolve the conflict(s) and to comply with BCHCED engineering standards/permits / policies.
24. Discuss how sidewalk runoff (between building and Right-of-Way boundaries) and on-site drainage (including roof drains) from the proposed improvement 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.
25. 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.
26. 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; note that a fire hydrant shall be installed within 100 feet of the Fire Department Connection.
27. 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 dgrisgen@fortlauderdale.gov to discuss proposed scope of closure within City Right-of-Way.

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 see Attachment 'A' for General Advisory Information (Engineering).



Case Number: R18015

ATTACHMENT 'A' - GENERAL ADVISORY INFORMATION (ENGINEERING):

1. Meet the City's Adequacy requirements for 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. Dedication of rights-of-way: Please be advised that if Right-of-Way and/or Right-of-Way Easements (per the Broward County Trafficways Plan), including corner chords (per ULDR Section Section 47-24.5.D.1.p.vi), are waived by FDOT and/or BCHCED (provide written correspondence), the dedications will still be requested by the City of Fort of Fort Lauderdale.
 - b. Transportation/Pedestrian facilities: Sidewalks, pedestrian crossing and other pedestrian facilities shall be provided to encourage safe and adequate pedestrian movement on-site and along roadways to adjacent properties. Transit service facilities shall be provided for as required by the city and Broward County Transit. Pedestrian facilities shall be designed and installed in accordance with city engineering standards and accepted applicable engineering standards.
 - c. Stormwater: Adequate stormwater facilities and systems shall be provided so that the removal of stormwater will not adversely affect adjacent streets and properties or the public stormwater facilities and systems in accordance with the Florida Building Code, city engineering standards and other accepted applicable engineering standards.

Drainage facilities: Adequacy of stormwater management facilities shall be evaluated based upon the adopted level of service requiring the retention of the first inch of runoff from the entire site or two and one-half (2½) inches of runoff from the impervious surface whichever is greater.
 - d. Potable water: Adequate potable water service shall be provided for the needs of the proposed development. The proposed development shall be designed to provide adequate areas and easements which may be needed for the installation and maintenance of potable water systems in accordance with city engineering standards, the Florida Building Code, and applicable health and environmental regulations. The existing water treatment facilities and systems shall have sufficient capacity to provide for the needs of the proposed development and for other developments in the service area which are occupied, available for occupancy, for which building permits are in effect or for which potable water treatment capacity has been reserved. Capital expansion charges for water and sewer facilities shall be paid by the developer in accordance with Resolution 85-265, as it is amended from time to time. Improvements to the potable water service and system shall be made in accordance with city engineering standards and other accepted applicable engineering standards.

Potable water facilities: 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.

 - i. If the system is tied into the city treatment facility, the available capacity shall be determined by subtracting committed capacity and present flow from design capacity. If there is available capacity, the city shall determine the impact of the proposed development utilizing Table 3, Water and Wastewater, on file with the department.
 - ii. If there is adequate capacity available in the city treatment plant to serve the proposed development, the city shall reserve the necessary capacity to serve the development.
 - iii. Where the county is the projected service provider, a similar written assurance will be required.
 - e. Wastewater: Adequate wastewater services shall be provided for the needs of the proposed development. The proposed development shall be designed to provide adequate areas and



easements which may be needed for the installation and maintenance of a wastewater and disposal system in accordance with applicable health, environmental and engineering regulations and standards. The existing wastewater treatment facilities and systems shall have adequate capacity to provide for the needs of the proposed development and for other developments in the service area which are occupied, available for occupancy, for which building permits are in effect or for which wastewater treatment or disposal capacity has been reserved. Capital expansion charges for water and sewer facilities shall be paid by the developer in accordance with Resolution 85-265, as it is amended for time to time. Improvements to the wastewater facilities and system shall be made in accordance with the city engineering and accepted applicable engineering standards.

Sanitary sewer facilities: 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.

- i. If the system is tied into the city treatment facility, the available capacity shall be determined by subtracting committed capacity and present flow from the design capacity. If there is available capacity, the city shall determine the impact of the proposed development utilizing Table 3, Water and Wastewater, on file with the department.
 - ii. If there is adequate capacity available in the city treatment plant to serve the proposed development, the city shall reserve the necessary capacity to serve the proposed development.
 - iii. Where the county is the projected service provider, a written assurance will be required.
 - iv. Where septic tanks will be utilized, the applicant shall secure and submit to the city a certificate from the Broward County Health Unit that certifies that the site is or can be made suitable for an on-site sewage disposal system for the proposed use.
2. 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.
3. All existing driveways (accessing City Right-of-Way) not being utilized by the proposed development shall be fully removed and areas restored as appropriate.
4. Per ULDR Section 47-19.4.D.6, all dumpster enclosures and adjacent service access drive shall be placed on poured concrete, solid or perforated interlocking concrete block paving (ICB), or any existing hardened paving system; in cases where a hard surface or drive which is adequate to support the combined full weight of the bulk container, the enclosure and service vehicles does not



exist, a 10' wide hard surface extension directly in front of the bulk container shall be required for purposes of emptying the container.

5. Provide ADA accessibility, required within public Right-of-Way and areas of public accommodation within private property, 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).

Final construction checklist item shall include Engineer of Record (EOR) inspection of ADA accessible route(s) for the proposed development, and have necessary repairs made as appropriate.

6. EOR to perform due diligence to field verify all existing utilities (including those shown in City Utility Atlas Maps); coordinate with franchise utility owner for required undergrounding of overhead lines, and provide routing layout on Civil and Landscape plans as appropriate.
7. Applicant shall not connect the on-site drainage system to those within the adjacent public Right-of-Ways of FDOT, BCHCED, and the City of Fort Lauderdale.
8. 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.
9. Provide Demolition and Utility Disposition Plan for any existing building structures, paved areas, walls, underground utilities, etc.
10. Provide Utility Connection Plan for all franchise utilities, such as AT&T, Comcast, FP&L, Teco, etc.
11. 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.
12. 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.
13. 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. Verify with FDOT and/or BCHCED their requirements for any milling and asphalt pavement restoration in vicinity of proposed road cuts for utilities and/or curb cuts within their respective Right-of-Way jurisdictions.
14. Prior to obtaining demolition permit, 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. Current 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.
15. 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.

16. 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.

17. 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 Dougniaux 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.
18. 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.
19. Route and obtain approval from Broward County Traffic Engineering Division on any pavement marking and striping plans within City Right-of-Way.
20. Verify the means for demolishing 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 impacts from the demolition. Please be advised that a permit is required for demolishing work activities.
21. 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.
22. 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.
23. 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).
24. 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 both existing and proposed ERC's as appropriate. Impact Fees shall be paid prior to the issuance of the building permit.



25. 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.
26. 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.
27. Please discuss 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: R18015

CASE COMMENTS:

Please provide a response to the following:

1. Building needs to conform to section 403 for high rise over 120 feet.
2. Fire hydrant location must be with-in 100 feet of FDC.
3. Fire command room needs door leading directly outside on street side per AHJ

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. Building must conform to the code applicable at time of submittal.
2. BDA radio system must be installed.
3. Fire service elevators required per 403.6.1 over 120 feet. Your building is 123 feet.



Case Number: R18015

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, and turf areas must be limited and/or consolidated. The planting areas are to be irrigated on a separate zone than the turf areas. Once plants are established, that particular zone can be shut off based on the season. The overall goal is to decrease water use through irrigation.
2. 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.
3. Within the RAC districts, newly planted street trees shall be limited to the species provided in the table ULDR 47-21.14.A.1.a. Confirm that this has been met. Likewise, confirm that street trees are a minimum of 12 feet tall and provided at a ratio of one street tree per forty 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.
4. Consider shifting the sidewalk along NE 8 Street in towards the building so the landscape area and street trees can provide a buffer between cars and pedestrians.
5. Within the RAC districts, and as per Chapter 4 of the Downtown Master Plan Design Guidelines, at intersections where street with shade trees converge, it is encouraged to have tall palms at the immediate corners to provide a visual marker. This also helps to frame the street from the perspective of the automobile in creating a sense of space. Provide tall palms species at the corner of the street intersection in addition to the canopy street trees.
6. In lieu of tree grates, the City of Fort Lauderdale prefers the use of a cold applied, poured in place tree grate system that is designed to bind a selection of decorative aggregates, which provide a bonded, walkable, attractive and porous surface for tree pit such as ADDAPAVE TP, etc.
7. 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.

Please consider the following prior to submittal for Building Permit:



8. A separate sub-permit application for Tree Removal & Relocation, and General Landscaping for site are required at time of master permit submittal.
9. 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.
10. 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: R18015

CASE COMMENTS:

Please provide a response to the following:

1. Easily identifiable and accessible emergency communication devices should be placed throughout the parking garage.
2. Will there be any access control into the garage?
3. The residential lobby should provide a video call box for visitors.
4. Elevators should be access controlled if lobby is not locked
5. The use of electronic access should be considered for all entrance doors/points.
6. Clear and concise signage should be placed throughout site not only for directional purposes but to delineate restricted/private areas from common areas.
7. All stairwells should egress only first floor.
8. All doors should be impact, metal, or solid core. Secondary locks should be provided along with an 180 degree view finder on solid doors.
9. Consider pre-wiring retail spaces and office areas for an alarm system
10. Valet podiums and/or office should have measures in place to secure keys from theft.

Noted: CPTED concepts are being incorporated; CCTV will be in used (consideration should be made to areas such as entrance/exit points of the buildings, all lobby areas, all stairwells, all elevators, strategically placed throughout parking garage, service areas, any area where money is handled or stored, and common areas. CCTV should be monitored and recorded to a remote location).

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: R18015

CASE COMMENTS:

The City owns and maintains stormwater infrastructure 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 respond to the following comments:

1. Please email CRBARRETT@FORTLAUDEDALE.GOV to obtain copies of the City utility maps as applicable to the project location and show existing City utilities and easements (water, sewer, forcemain, and stormwater utilities) in proposed engineering plans (utility demolition, stormwater pollution prevention plan (SWPPP), and civil plans).
2. Please note that no private stormwater infrastructure (drainage pipes, wells, or basins,) can be constructed in City Right of Way or in City drainage easements. Please remove any proposed stormwater systems that are not in compliance with this requirement or provide appropriate documentation of City Rights-of-Way or easement vacated to allow the construction of private underground utilities.
3. 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.

Prior to Issuance of Building Permit, the applicant shall address the following 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 (Applicable if dewatering to City stormwater assets)

- 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 (Applicable to most site developments)

- 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



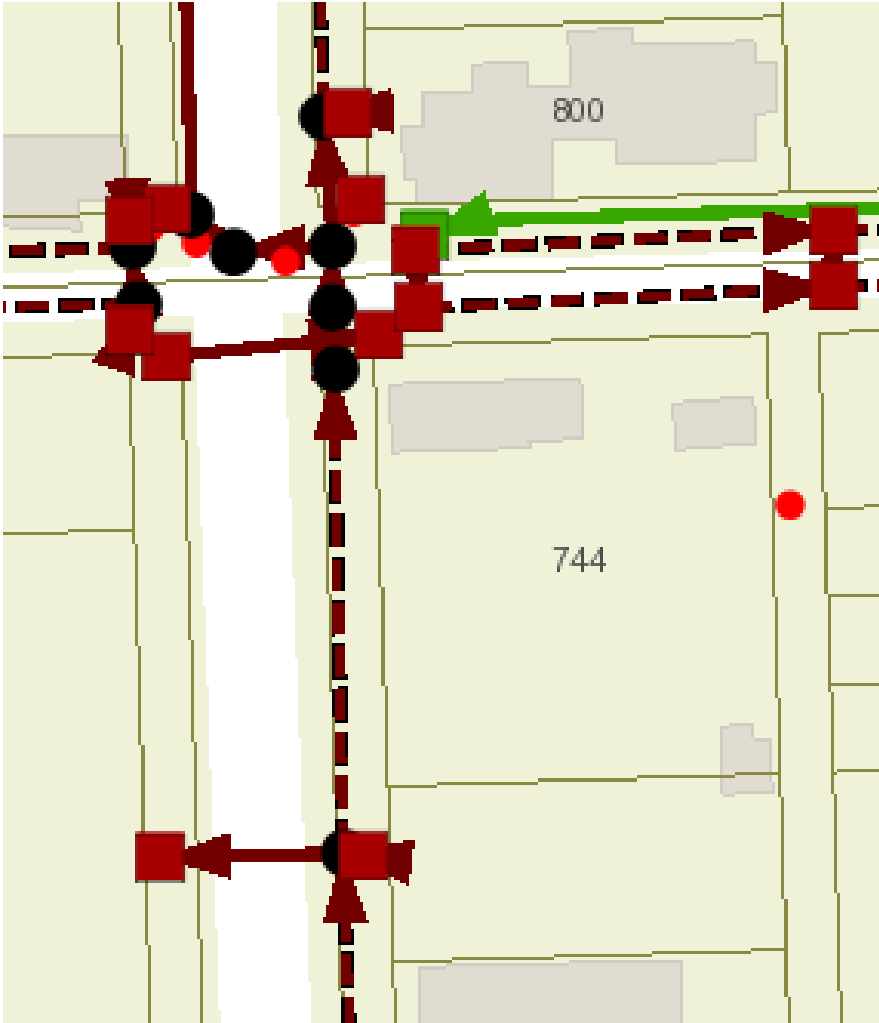
- iv. Observations about the SWPP
- v. Actions taken by contractor for all incidents of noncompliance with permit(s)
- vi. Certification that the facility is in compliance with the SWPP and permit(s)

Dewatering Notes (Applicable if dewatering activities are anticipated)

- 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.



Existing Stormwater Asset Map possibly affected by the Proposed Development





Case Number: R18015

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. Please provide a 7.5 foot clear wide sidewalk along both NE 8th St.
3. Please provide a 10 foot wide sidewalk along N Andrews Ave.
4. Continue concrete sidewalk through the driveway.
5. Please install pedestrian lighting along the sidewalks.
6. Please provide landscape with street trees between the sidewalk and back of curb.
7. Please shrink the driveway width to 20 feet.
8. Coordinate with Broward County for dimensional requirements for on street parking along N Andrews Ave.
9. Dimension typical parking spaces.
10. Please provide a breakdown of your parking requirement for each use that is being proposed and show how you are meeting this requirement.
11. Please explain why a 10% TOD reduction is being applied to your parking requirement.
12. On Street parking in the public right of way cannot counts towards the proposed sites parking requirement. The City has the right to meter on street parking in the public right of way at any time.
13. Valet will be required for lift parking when commercial/retail uses are being proposed.
14. Rideshare pick up will not be permitted on N Andrews Ave.
15. There must be a minimum of 22 feet from the driveways ultimate right of way line to the first conflict point. Please ensure this requirement is met.
16. 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.



17. Consider having your drive way access along the alley way instead of NE 8th St.
18. Show all sidewalk dimensions on the site plan, including all pinch points on the site.
19. Bicycle parking is required, 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.
20. Please consider enhancing the pedestrian experience by providing interactive public art works, seating, and shade along all sidewalks to promote multimodal travel.
21. 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.
22. Additional comments may be provided upon further review.
23. 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: R18015

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 map and listing of officially-recognized neighborhood associations is provided on the City's website: <http://www.fortlauderdale.gov/neighborhoods/index.htm>).
2. The site is designated Northwest Regional Activity Center on the City's Future Land Use Map. 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. An application for a parking reduction on property located within the Northwest-Progresso-Flagler Heights Community Redevelopment Area requires Site Plan Level II approval pursuant to the Unified and Land Development (ULDR), Section 47-24.2. Discuss the parking reduction methodology and process with Engineering Design Manager. Please note that there is an associated fee for the parking reduction review that will be billed when complete. Please go to the following link for the application: <http://www.fortlauderdale.gov/home/showdocument?id=958>
5. Should the application for a parking reduction be approved, a parking reduction order must be executed and recorded in the public records of Broward County at the applicant's expense, prior to Final DRC approval.
6. This project is subject to the requirements of Broward County Public School Concurrency. The applicant will notify the School Board Superintendent or designee of this proposal. Prior to application for final DRC approval, please provide confirmation from the School District that the residential development is exempt or vested from the requirements of public school concurrency, or a School Capacity Availability Determination (SCAD) letter that confirms that capacity is available, or if capacity is not available, that mitigation requirements have been satisfied.
7. Please provide total park impact fee amount due. Park impact fees are assessed and collected at time of permit per each new hotel room and dwelling unit type. An impact fee calculator can be found at: <http://www.fortlauderdale.gov/departments/sustainable-development/building-services/permit-fees/park-impact-fee-calculator>
8. The proposed development is within the Northwest-Progresso-Flagler Heights Community Redevelopment Area ("NPF-CRA"), please coordinate and provide documentation that applicant has met with the CRA staff and any associated CRA program incentives that may be utilized for the development. Please contact Bob Wojcik (954-828-4521) or via email at BWojcik@fortlauderdale.gov.
9. Provide the following changes to the site plan:



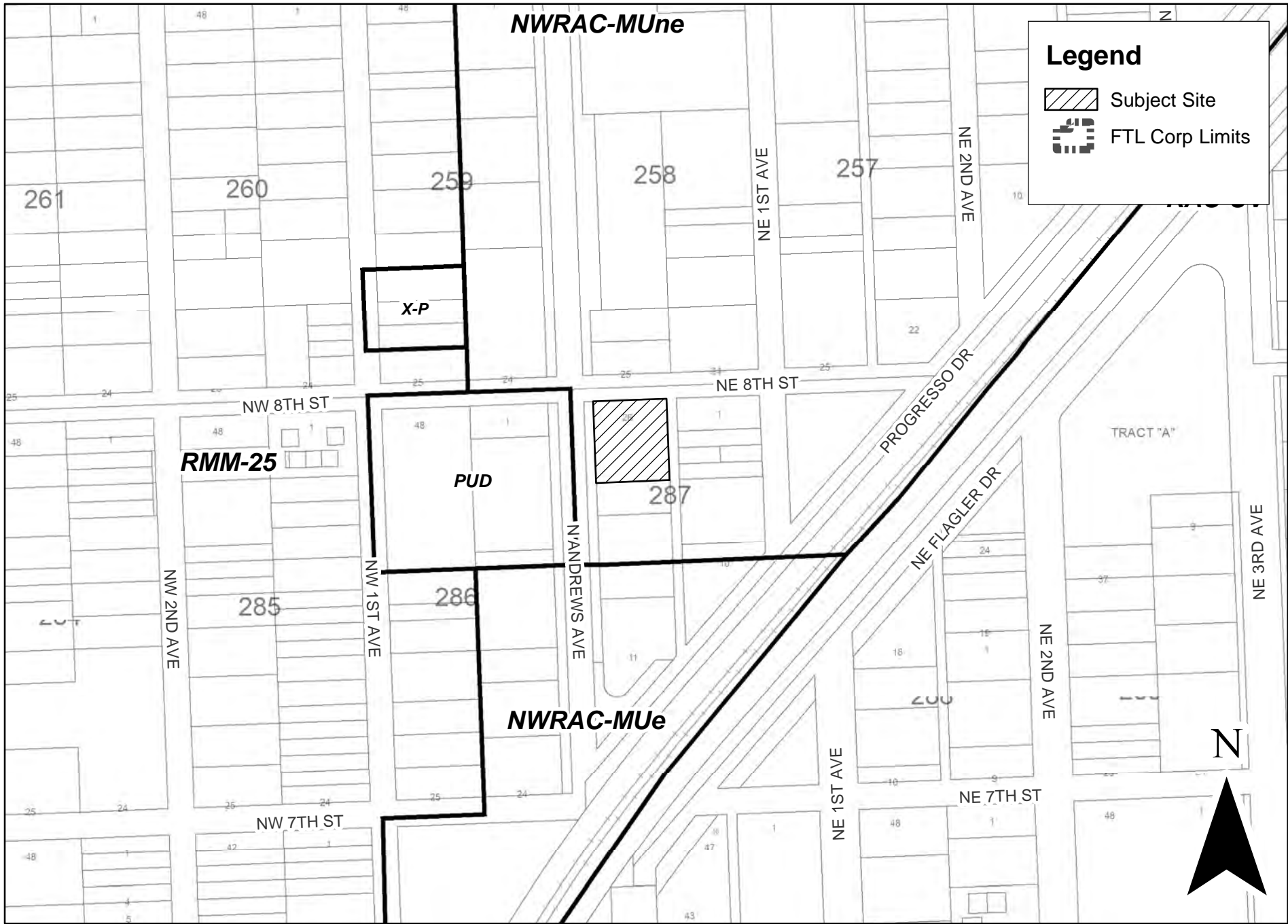
- a. Relocate proposed landscaping along NE 8th Street to provide unobstructed sidewalk and a buffer between sidewalk and traffic lanes. Coordinate location of landscaping with Landscaping, TAM and Public Works Departments representatives;
 - b. Provide grouping of minimum 2 palm trees to mark intersections;
 - c. Explain the 3 feet dedication along the alley;
 - d. All mechanical parking shall be graphically indicated on the site plan and referenced within the tabular data. In addition, details and specifications for mechanical parking shall be provided. Note that all proposed mechanical parking is subject to a valet parking agreement pursuant to Sec. 47-20.18.
 - e. Indicate all utilities (both above and below ground) that would affect the proposed planting or landscape plan. Overhead lines (if any) should be placed underground. If the lines cannot be placed underground, provide documentation from Florida Power & Light Company indicating such.
10. Provide the following changes on the elevations:
- a. Consider architectural solutions that support greater articulation of the east and west elevations of the tower by breaking up the length through a variation of architectural elements and quality materials;
 - b. Consider higher quality materials to improve the south and north elevations of the tower;
 - c. Consider creative design solutions to treat the blank garage walls along the south and east elevations, such as murals, or other appealing graphic or architectural elements.
11. Pursuant to ULDR, Section 47-13.31 and Dimensional Design Standards of the NWRAC, page 4.3, the maximum height permitted by right in the NWRAC-MUne is 120-feet. Proposed height exceeds maximum allowed value; reduce the proposed height of the building to be in compliance with this ULDR Section. For definition on height measurement, see ULDR, Section 47-2.2.
12. Provide the following graphics and ensure the proposed project is in scale with neighboring buildings and only existing or proposed structures are shown in all renderings. To ensure that graphics accurately portray the project in scaled proportion to its surroundings, provide a vertical benchmark (power pole, adjacent building, etc.) and indicate the measurements for comparison. In addition, include the following verification statement on all provided renderings: *"This 3-dimensional representation of the proposed development is true and accurate relative to the height, width and length of any adjacent or proximate existing structures."*
- a. Provide aerial oblique perspectives of the project in context with adjacent properties and surroundings, from opposing views. Show clear and accurate 3-dimensional views in context with the surrounding area indicating building outlines;
 - b. Provide a context plan of general area indicating proposed development and outline of all nearby properties with structures outlined, and uses and heights labeled. On context plan, indicate and dimension setbacks, drive isles, public sidewalks;
 - c. Provide context elevations (north/south and east/west) indicating proposed project and nearby properties, including those across adjacent streets and/or waterways. Dimension the height, length, and width of all structures, setbacks, drive isles, landscaping, etc. in order to ascertain the relationship the proposed development will have on the surrounding properties;
 - d. Provide project cross sections clearly indicating how the proposed development will interact with the surrounding properties;
 - e. Provide pedestrian-level perspective renderings of project as viewed along (street);
 - f. Provide detail of ground floor elevations with scale no less than ¼" = 1'. All pertinent details (awnings, windows, etc.) should be dimensioned. Include specifications, and/or photographic examples of proposed materials; and,





- g. Provide a shadow study indicating shadows at 9 am, 12 pm, and 4 pm for the Winter Solstice (December 22) and Spring Equinox (March 21). Indicate property lines and indicate shadow spillover beyond property lines. Study must be in context and scale with the surrounding area, and should show adjacent lots, streets, neighboring buildings, pools, etc. Indicate if any parks or open space will be impacted.
13. It is recommended the following pedestrian and bicycle-related comments be addressed:
- Pursuant to ULDR, Section 47-25.2.M.6. Adequacy requirements/Transportation/Pedestrian facilities: Sidewalks, pedestrian crossing and other pedestrian facilities shall be provided to encourage safe and adequate pedestrian movement on-site and along roadways to adjacent properties;
 - Label all proposed pedestrian access/circulation areas: sidewalks, paths, crosswalks etc. (including width) to/from and within the site;
 - Site plan design indicates pedestrian/vehicle conflict areas. Accommodate safe pedestrian access, in particular to/from public sidewalks, vehicle parking areas and building entrances;
 - 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; and,
 - Please email Karen Warfel at kwarfel@fortlauderdale.gov for more information on bicycle parking standards and to obtain a copy of the Association of Pedestrian and Bicycle Professionals [APBP] Bicycle Parking Guidelines and Broward County End-of-Trip Bicycle Facility Guide.
14. Provide a 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.
15. 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.

GENERAL COMMENTS

16. The following comments are for informational purposes.
17. Provide a written response to all DRC comments and DRT 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 (954-828-5072) to review project revisions and/or to obtain a signature routing stamp.
19. If a temporary construction/sales trailer is needed for this project, provide the details and location of the trailer on an additional site plan, to avoid additional review in the future. Ensure details and locations receive approval from the Building Service Department's DRC Representative.
20. Additional comments may be forthcoming at the DRC meeting.



Legend

-  Subject Site
-  FTL Corp Limits



R18015

