DEVELOPMENT REVIEW COMMITTEE (DRC) COMMENT REPORT

MEETING DATE: January 9, 2018

APPLICANT: Marina 84 Holding Company

PROJECT NAME: Bimini Cove

CASE NUMBER: PRE18001

REQUEST: Preliminary Development Review: Mixed Use Development with 126 Residential Units and 1,200 Square Feet of Commercial Use

LOCATION: 2281 State Road 84

ZONING: B-2 (General Business)

LAND USE: Commercial

CASE PLANNER: Florentina Hutt
Case Number: PRE18001

CASE COMMENTS:
Please provide a response to the following:

1. Comments may be forthcoming.

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 COMMENTS:**
Please provide a response to the following:

1. Per 47-25.2. B. Communications network. Buildings and structures shall not interfere with the city's communication network. Developments shall be modified to accommodate the needs of the city's communication network, to eliminate any interference a development would create or otherwise accommodate the needs of the city's communication network within the development proposal.

2. Based upon the location of the proposed structure, and the distance from the City's radio sites, it is anticipated that this project may require a Bi-Directional Amplifier (BDA) system. It is strongly recommended that conduit be installed to support a BDA system within the building. Conduit locations will need to be determined by a qualified BDA designer/installer with local knowledge. A qualified BDA designer/installer with local knowledge will need to take signal strength measurements within all areas of the structure after the shell, interior structures and windows are complete. A computer generated "heat map" showing the measured signal strengths within all areas of the proposed structure shall be required. If this computer generated heat map reveals that there will be insufficient signal strength to support the City's public safety radio communications network, a Bi-Directional amplifier system will be required.

3. Please identify and provide contact information for the contractor chosen to evaluate and map radio system signal strength levels for this project. The BDA contractor shall provide signal strength calculations and computer generated heat maps showing measured signal strengths found within the completed building to the City's Assistant Telecommunications Manager.

4. Please review Chapter 1, Section 118 of the Broward County Building Code.

5. Additional guidance may be obtained from Gary Gray, Assistant Telecommunications Manager/Radio Systems Manager by contacting him via e-mail. All heat map documentation shall accurately depict interior partitions, support columns and other internal structures that can impact radio wave propagation.

**GENERAL COMMENTS**

The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

1. Additional information is required in order to properly evaluate the Developer's plans.

Please consider the following prior to submittal for Building Permit:

1. Please identify and provide contact information for the contractor chosen to evaluate and map radio system signal strength levels for this project.
Case Number: PRE18001

CASE COMMENTS:

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. Please visit MuniCode to view the updated Landscape & Tree Preservation ordinance including native, pervious, and turf required percentages

2. Provide street trees in the right of way swale area, as per ULDR 47-21.13.B.16. Street trees are to be 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.

3. 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.

4. 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.

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 perceptive 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. Tree and Plant species included on the Florida Exotic Pest Plant Council’s Invasive Plant Species List as amended, shall not be planted as required or optional landscaping, as per ULDR Section 47-21.18, and invasive plant species listed shall be removed from the site, as per ULDR Section 47-21.8.I.
8. Illustrate the location of overhead utilities and follow FPL Right Tree Right Place guidelines for tree selection and placement.

9. 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.

10. Light fixtures with an overall height of more than ten feet shall be located a minimum of 15 feet away from shade trees, as per ULDR Section 47-21.12.

11. Shade trees must be located a minimum of fifteen feet away from structures.

12. Small trees and palms must be located a minimum of seven and one-half feet away from structures. Palms may be planted closer to each other to form clusters.

13. Decorative stone or gravel may be used only up to a maximum of ten percent of the total landscape area where the stone or gravel is to be used for decorative or other approved purposes as an adjunct to planting beds, as per ULDR 47-21.9.K.

14. 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.

15. 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.

16. The zoning of this property requires a minimum of 35 percent of the gross lot square footage shall be in landscaping, maintained by an irrigation system, as per ULDR 47-21.13.A&B. The minimum twenty percent VUA required landscaping may be used toward fulfilling the gross thirty-five percent minimum. Sandy beach on oceanfront parcels of land may be included in the gross minimum, but do not need to be planted or irrigated.

17. Fences facing the street are required to be setback a minimum of 3 feet from the property line and must be planted with continuous hedges, shrubs, groundcover, AND trees in that area between property line and fence. These plantings shall be planted between the street and the property line as per ULDR 47-19.5C.
   a. Hedges and shrubs may be 2 feet tall planted 2 feet apart.
   b. Groundcover may be 6 inches tall planted 6 inches apart.
   c. Trees may be standard or flowering at 10 feet tall, or palms at 8 feet clear trunk, planted an average of 1 tree per 20 feet or portion thereof.
   d. Please specifically note and illustrate this on plans.

18. All detached freestanding signs shall be landscaped underneath the sign with a continuous planting and irrigation system, as per ULDR 47-22.E.3.
a. This area is to be minimum 3 feet deep and extend at least the same length as the longest side of the sign.

b. Continuous planting is to be mulched and can be hedges and shrubs 2 feet tall planted 2 feet apart. Groundcover may be 6 inches tall planted 6 inches apart.

c. Irrigation shall be from a permanent water source.

d. Please clearly note and illustrate all of the above on plan.

19. For proposed work in and around existing Mangroves, Broward County must be contacted for permission and permits to proceed. Contact Linda Sunderland at Broward County Environmental Protection and Growth Management Department, Environmental Licensing and Building Permitting Division at (954) 519-1454 or LSUNDERLAND@broward.org. Provide documentation illustrating such communication and requirements.

20. Provide an existing tree site plan or existing tree site survey illustrating all existing trees and palms, and number each one.

21. Provide a corresponding list, as per ULDR 47-21.15, of these trees/palms including:
   a. tree number for each
   b. botanical name and common name for each
   c. trunk diameter, in inches, at chest height for trees
   d. clear trunk in feet for palms
   e. condition percentage as a number for each
   f. indicate status for all existing trees/palms on site (remain, relocate, remove)

22. Provide tree protection barricade detail for existing trees on site to remain, as per ULDR 47-21.15. This barricade must be installed prior to the beginning of proposed work, and a landscape job-check inspection may be scheduled.

23. For specimen trees, provide ISA Certified Arborist report for specimen trees, as per ULDR 47-21.15. This report is to be on ISA Certified Arborist business letterhead with contact information and ISA Certification number clearly stated. This report would include tree survey with numbered trees, a corresponding table which includes tree number, botanical name and common name, trunk diameter at breast height, clear trunk for palms, condition percentage, etc.; and a written assessment of existing tree characteristics. This information is required to calculate equivalent value mitigation.

24. Relocated trees will be moved by the applicant following the ANSI A 300 standards and guaranteed by the permit holder for one year for trees of less than six inches in caliper and for two years for trees greater than six inches in caliper, as per ULDR 47-21.15. A monetary guarantee of postal money order, certified check or cashier’s check may be required to insure compliance with requirements. A tree protection barricade before during and after construction activities may be required to ensure protection of tree or trees. This can be in addition to a monetary guarantee. The amount of guarantee is based on the equivalent value of the tree or trees specifically included.

25. Dumpster enclosures shall be landscaped as per ULDR 47-19.4. Continuous planting means hedges and shrubs approximately 2 feet tall planted 2 feet apart. This may require existing paving, asphalt and/or concrete to be removed and replaced with planting soil to a minimum depth of 3 feet and the width of the planting area is 3 feet. Please clearly note and illustrate this on plans.
26. In order to maintain sight visibility, no opaque hedge shall be permitted to exceed 30 inches within 10 feet of the edge of waterway as per ULDR 47-19.5. Provide appropriate species, or shift plant material out of this area if needed. Illustrate this area and state this note on the plan.

27. A 10 feet sight triangle is required at the intersection of a driveway and street, measured from where the intersection of the driveway and paved travel lane meet. This area must be clear of obstructions between 2.5 feet and 8 feet above elevation of adjoining pavement, per ULDR 47-2.2.Q.1 and ULDR 47-35. Illustrate and label this triangle on landscape plan, and confirm landscaping is installed outside of sight triangles.

28. A 15 feet sight triangle is required at the intersection of an alley and a street, measured from the intersection point of extended property lines at the alley and street. This area must be clear of obstructions between 2.5 feet and 8 feet above elevation of adjoining pavement, per ULDR 47-2.2.Q.2 and ULDR 47-35. Illustrate and label this triangle on landscape plan, and confirm landscaping is installed outside of sight triangles.

29. A 25 feet sight triangle is required at the intersection of two streets, measured from the intersection point of extended property lines at a street and a street. This area must be clear of obstructions between 2.5 feet and 8 feet above elevation of adjoining pavement, per ULDR 47-2.2.Q.3 and ULDR 47-35. Illustrate and label this triangle on landscape plan, and confirm landscaping is installed outside of sight triangles.

30. Sight triangles located at the intersection of a local street or driveway with a right-of-way under County, State or Federal jurisdiction, may be subject to the sight visibility requirements of those jurisdictions, as per ULDR 47-2.2.Q. Illustrate such sight triangles and provide documentation that application for approval has been made for planting in such right-of-way area.

31. Proposed landscaping work in the City’s right of way requires engineering approval. This approval requires documents to be submitted for Engineering review. Please visit the City’s website to download required document packet http://www.fortlauderdale.gov/home/showdocument?id=6372

32. A minimum separation of 6 feet is required between the tree trunk and travel lane when curb and gutter DO NOT exist, and a minimum separation of 4 feet is required between the tree trunk and travel lane when curb and gutter DO exist.

33. Illustrate and label the horizontal clearance from tree trunk to edge of paved travel lane on the landscape plan. Landscaping must provide a minimum horizontal clearance of 5 feet for small trees and palms, and a minimum of 10 feet for large trees and palms.

34. Utilities must be protected using a root barrier fabric wrap or equivalent. Landscape Plans must illustrate and label existing and proposed utilities in the right-of-way to confirm no utility conflicts exist, and illustrate the above setback and wrap requirement if applicable.

35. In order to improve the appearance of vehicular use areas and to protect and preserve the appearance, character and value of the surrounding neighborhoods, minimum landscape requirements are established for such Vehicular Use Areas. Review ULDR Section 47-21.12 for landscape requirements for vehicular use areas, and illustrate such requirements on plans.
36. A ten foot landscape strip shall be required to be located along all property lines which are adjacent to residential property. Such landscape strip shall include trees, shrubs and ground cover as provided in the landscape provisions of Section 47-21. The width of the landscape area shall extent to the property line. All required landscaping shall be protected from vehicular encroachments. When walls are required on non-residential property abutting an alley, required shrubbery shall be installed and located within the landscape area on the exterior of the wall.

37. Provide, in tabular format, all required versus provided landscape calculations.

38. Review landscape plan requirements for data to be included on plans, as per ULDR Section 47-21.6.

Please consider the following prior to submittal for Building Permit:

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

40. 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.

41. 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: PRE18001

CASE COMMENTS:
Please provide a response to the following:

1. Residential entry doors should be solid, impact resistant or metal.

2. Residential unit’s entry doors should be equipped with a quality secondary deadbolt locking system and have a 180 degree peephole or view port for security.

3. Residential units should be pre-wired for an alarm system.

4. All ground level stair doors should be egress only or access controlled.

5. Elevators at the ground floor should be access controlled.

6. Parking garage should be access controlled to prevent unauthorized intrusion and deter vehicle burglaries.

7. All mechanical, electrical and maintenance rooms should be access controlled.

8. Light reflective paint should be used in the parking garage to increase visibility and safety.

9. The site should be equipped with a comprehensive CCTV system that is capable of retrieving an identifiable image of an individual on site. The system should cover all entry exit points, parking garage, pool, common areas and any sensitive area of the site.

10. Site lighting and landscape should follow C.P.T.E.D. principles.

11. Emergency communication devices should be available at common areas and the parking garage.

12. The pool should have child proof safety features to prevent unsupervised children access to the pool.

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

Please submit responses in writing prior to DRC sign off.
Case Number: PRE18001

CASE COMMENTS:
Please provide a response to the following:

1. Garbage, Recycling and Bulk Trash shall be provided.

2. Recycling reduces the amount of trash your business creates and it is the best way to reduce monthly waste disposal costs and improve your company’s bottom line.

3. Solid Waste Services shall be provided by a Private Contractor licensed by the City.

4. Service Days shall be: No restriction for Commercial collection. Service may not occur earlier than 7:00 am or later than 10:00 pm within 250 feet of residential.

5. Solid Waste Collection shall be on private property container shall not be placed, stored or block the public street to perform service (large multifamily and commercial parcels).

6. Trash Room services will be handled by private collector, or Trash Room services will be done by on site personnel, or Trash Room services will be done by custodial staff.

7. Containers must comply with 47-19.4

8. Provide on the site plan a garbage truck turning radii for City review. Indicate how truck will circulate within property.

9. Provide letter from chute company indicating make and model of proposed equipment and that it will meet the capacity needs of building.

10. Recommend trash chute accommodate recycling.

11. Draw equipment on plan to show it will fit in trash room.

12. Submit a Solid Waste Management Plan on your letterhead containing name of project, address, DRC case number, number of units if applicable, and indicate whether it is Pre or Final DRC.

   • This letter is to be approved and signed off by the Sustainability Division, and should be attached to your drawings. Please email an electronic copy to smccutcheon@fortlauderdale.gov. Letter should include an analysis of the expected amounts of solid waste and recyclables that will be generated (if different from current capacity), and container requirements to meet proposed capacity.

   • Community Inspections will reference this Solid Waste Plan for sanitation compliance issues at this location.

GENERAL COMMENTS

The following comments are for informational purposes.
Please consider the following prior to submittal for Final DRC:

1. None
Case Number: PRE18001

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 include parking data table to the site plan showing your parking requirement total and total parking being provided for each use.

3. 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.

4. Ensure all loading and unloading can be accommodated on-site.

5. On street parking in the public right of way cannot count towards the parking requirement.

6. Provide a minimum 7 foot wide sidewalk along SW 22nd Terrace.

7. Provide pedestrian lighting along SW 22nd Terrace.

8. Two eleven foot lanes must be maintained one in each direction.

9. ADA parking Stalls must be a minimum 12 feet wide with a 5 foot access aisle next to it.

10. A landscape island is required between every 10 parking spaces.

11. Bicycle parking is encouraged. 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.

12. Please consider enhancing the pedestrian experience by providing interactive public art works, seating, and shade along all sidewalks to promote multimodal travel.

13. 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.

14. Additional comments will be provided upon further review off traffic impacts and potential mitigations.

15. 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: PRE18001

CASE COMMENTS:
Please provide a response to the following:

1. The proposed project requires review and approval by the Planning and Zoning Board (PZB). A separate application and fee is required for PZB 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.

2. The proposed project will be subject to the Public Participation requirements of ULDR Sec. 47-27.4.A.2.c, the applicant must complete the following:
   a. Prior to submittal of the application to the Planning and Zoning Board (PZB), a notice from the applicant via letter or e-mail shall be provided to official city-recognized civic organization(s) within 300 feet of the proposed project, notifying of the date, time and place of applicant’s project presentation meeting to take place prior to the PZB meeting;
   b. The applicant shall then conduct a public participation meeting(s) a minimum of 30 days prior to the Planning and Zoning Board. This date and location of the meeting is at the discretion of the applicant. Once the meeting(s) is conducted, the applicant shall provide a written report letter to the Department of Sustainable Development, with copy to subject association(s), documenting the date(s), time(s), location(s), number of participants, presentation material and general summary of the discussion after a public participation meeting(s). The report letter shall summarize the substance of comments expressed during the process and shall be made a part of the administrative case file record;
   c. Accordingly, a minimum of ten (10) days prior to the PZB meeting, the applicant shall execute and submit an affidavit of proof of public notice to the Department. If the applicant fails to submit the affidavit, the public hearing will be postponed until the next available hearing date after the affidavit has been supplied.

3. The site is designated Commercial on the City's Future Land Use Map. The proposed use is permitted in this designation subject to ULDR, Sec. 47-28.1.F, Flexibility Rules, Allocation of residential units on commercial or office park land use designated parcels. This is not a determination on consistency with Comprehensive Plan Goals, Objectives and Policies.

4. 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.

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. 47-25.2, Adequacy Requirements
   b. Sec. 47-25.3, Neighborhood Compatibility Review
   c. Sec. 47-18.21, Mixed use development
   d. Sec. 47-28.1.F, Allocation of residential units on commercial or office park land use designated parcels

6. Provide clarification with regards to type of commercial use(s) proposed and ensure that adequate parking is provided.
7. Provide the following changes on site plan:
   a. Consider consolidating parking into a parking garage to allow for more open space on site; ensure compliance with Sec. 47-18.21.H. Mixed Use, Landscaping and open space requirements;
   b. Consider reorienting the building to create stronger presence along SW 22nd Terrace;
   c. 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.

8. The City’s Strategic Vision contains policies to support sustainable infrastructure, consider employing green building practices throughout the project including, but not limited to charging stations, tankless water heaters, rain collection systems, pervious pavers, bio-swales, Florida Friendly™ plant materials, solar panels and green roofs.

9. This project is subject to the requirements of Broward County Public School Concurrency. The City will notify the School Board Superintendent or designee of this proposal. Prior to submitting an application for placement on a PZB or City Commission agenda, a written response from the School Board shall be provided by the applicant. 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.

10. Park impact fees are assessed and collected at time of building permit application per each dwelling unit type proposed. Please provide total park impact fee amount due. For reference, an impact fee calculator can be found at: http://www.fortlauderdale.gov/departments/sustainable-development/building-services/building-permits/park-impact-fee-calculator.

11. Be advised, additional comments may be forthcoming upon formal submittal of Development Review Application for Site Plan Level III.

GENERAL COMMENTS:
The following comments are for informational purposes.

Please consider the following prior to submittal for Final DRC:

12. Provide a written response to all DRC comments within 180 days.

13. An additional follow-up coordination meeting may be required to review project changes necessitated by the DRC comments. Prior to routing your plans for 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.

14. 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.

15. Additional comments may be forthcoming at the DRC meeting.