

Final Site Plan Content Requirements checklist

(Please mark all items that apply and submit this checklist with the application)

Prepared, stamped, and signed survey by a registered surveyor (less than two years old

Survey showing the boundaries of the project, to include a legal description, any existing streets, buildings, watercourses, easements, and section lines.

Survey shall be drawn to a scale of not less than 1" = 60'

Vicinity Map (at a scale not to exceed 1" – 2,000')

Water bodies or courses

Swamp, wetland areas, conservation areas, or environmentally sensitive areas

Application and fees for City Wetland Alteration Permit

Title of the project

Date

Scale (no less than 1' = 60')

North Arrow

Location of all existing and propped buildings, uses and structures

Off street parking and loading areas

Vehicular reservoir areas

Recreational facilities

Existing and proposed topography at one-foot contour intervals

Percentages of total acreage for each permitted use

Percentages of building coverage

Percentages for impervious surface coverage

Calculation of the required and proposed number of off-street parking and loading spaces.

Statement of the proposed arrangements for the maintenance of common open space areas and facilities (if applicable)

Height and setbacks of all structures and total floor area by land use

Identify distances between separate buildings (if applicable)

Onsite vehicular circulation systems for bicycles, cars, trucks, and/or required vehicle types, showing connections to related off-site facilities.

All adjacent rights-of-way, including all existing and proposed, centerlines and widths, pavement widths, acceleration/ deceleration lanes, existing median cuts, driveways and intersections, street light poles, and power company facilities.

Onsite and connections to off-site pedestrian systems.

Type, size, and location of all existing and proposed utilities, including water sewer, electric, gas, communication and the providers of such utilities.

Existing and proposed fire hydrant locations and water main sizes.

Direction of drainage flows, retention/detention facilities, and their association with project phasing.

Identify known wildlife corridors, habitats, plants, and/or animals for Federal and State endangered species, threatened species or species of special concern (if applicable)

Identify known historic and archaeological sites.

Location and screening of a solid waste disposal system and provisions for accessibility to refuse collection and recycling trucks.

Bicycle parking, mass transit loading (bus stop) areas, if any, and provisions for accessibility to vehicles of the required type.

Proof of taxes paid on all affected parcels

Application and fees for City Wetland Alteration Permit (if applicable)

Areas for emergency vehicles and fire engines and provisions for accessibility to vehicles of the required type through the use truck turning simulation shown on the plan (typically includes plans to accommodate a WB-40 or greater wheelbase).

Design of all paved areas, including dimensions, cross sections, radii and elevations, plans for traffic-control signs and pavement marking

Location of all floodplain areas, established base flood elevations (BFE), and any proposed finished floor elevations (FFE)

Storm water management construction plan calculations, which includes the computation of pervious and impervious surface areas, in square footage and percentage.

Construction type(s), building floor areas, including a floor area ratio calculation, elevations, sizes, types, and typical floor plans.

Construction type(s), building floor areas, including a floor area ratio calculation, elevations, sizes, types, and typical floor plans.

Location of common areas and open space areas.

Location of outdoor storage areas and related screening features.

Illumination plan related to parking area.

Plans for all proposed site signage, meeting the City's Land Development Code Chapter 102, which includes location, design, size, copy area, and setbacks.

Landscaping and irrigation plan meeting the requirements of Section 110-808 of the City's Land Development Code.

Soil and Erosion Control Plan showing the location, type, and description of proposed erosion and sedimentation controls; and shall include for proposed developments greater than or equal to one acre or development less than one acre that are part of a larger common plan of development, a draft copy of the NPDES Generic Construction NOI (Notice of Intent) and SWPP (Storm water Pollution Prevention Plan).

Soil and Erosion Control Plan showing the location, type, and description of proposed erosion and sedimentation controls; and shall include that erosion control inspectors for project are Florida State Certified.

Fire hydrants shall meet or exceed AWWA C502, latest, revision, and shall comply with Factory Mutual Research Corp. and Underwriters Laboratories UL 246 Standard

Hydrant's rated working pressure shall be 200 psi

Hydrant's test pressure shall be 400psi

Hydrant's pressure shall include the following specific design criteria:

Hydrant's main valve closure shall be the compression type.

Hydrant traffic feature to be designed for easy 360 degree rotation of nozzle section during field installation.

Hydrant main valve opening shall not be less than 5 1/4" and be designed so that removal of all working parts can be accomplished without excavating

Hydrant shall have bronze seat shall be threaded into mating threads of bronze.

Draining system of the hydrant shall be bronze and positively activated by the main operating rod.

Hydrant drains shall close completely after no more than three turns of the operating nut.

Hydrant shall have a minimum of two (2) internal ports and four (4) drain port outlets to the exterior of the hydrant.

Hydrant must have two (2) 2 ½ "and one (1) 4 ½ "fire department connection ports.

Hydrant drain shutoff to be directed compression closure.

Hydrant must include cap chains and plugged weep holes.

Hydrant friction loss not to exceed 3.0 psi and 100 gpm through 4 ½ "pumper nozzle

Hydrants shall be equal to American Flor Control's American Darling b-84-B.

All hydrants shall be yellow in color.

Main Size: Residential minimum is six (6) inches and Commercial developments: minimum of eight (8) inches.

Location: 300 feet of a commercial structure either existing or new installation, or 500 feet in new residential subdivisions. (Greatest distance to a house shall be 250 feet)

Fire Hydrant: underground inspections shall require a visual inspection of all connections, thrust blocks, tie rods, and pipe. If a fire hydrant is required to be installed for this project, it shall be installed, operational and approved by the Deltona Fire Safety Manager prior to any combustible construction materials being brought on site and before vertical construction will be allowed to begin. Do not back fill the fire hydrant without the fire inspectors on site approval. The engineer of record shall provide certification that the water distribution system meets the required flow at 20 psi before building final. Any Changes to the approved plans or equipment shall be pre-approved by the Fire Safety Manager and as built drawings submitted prior to final inspection.

Please note additional information may be required.