



Town of Erie Landscape and Irrigation Plan Checklist

All Plans – All landscape and irrigation plans shall include the following:

- Name of project and address in title block
- Designer or firm name, address, and phone number
- Gross acreage
- Submittal date
- North arrow
- Vicinity map
- Plan scale (both written and graphic). Irrigation and Landscape plan must be drawn to the same scale.
- Sheets numbered with total preceded with “L” to denote landscape and “I” to denote irrigation. (Example: L1 of 8, L2 of 8, etc.) (Example: I1 of 5, I2 of 5, etc.)
- Existing and proposed easements showing type, location, and width
- Property, lot, and project boundary lines
- Existing and proposed topographical contour lines (Height and slope of all changes in elevation such as berms, swales, ditches, etc. shall be identified)
- Plans shall be submitted in the size of 24”x 36” with half sets available on request.
- Town of Erie Standard Landscape and Irrigation Notes. Ensure that you have the most recently updated version.

Please refer to the following documents:

- Town of Erie Standard Landscape Notes/Details
- Town of Erie Standard Irrigation Notes/Details
- Town of Erie Landscape Standards and Specifications
- Town of Erie Approved Tree List

Landscape Plans - All landscape plans shall include the following if applicable:

- Cloud, delta, and date all revisions to any plans previously reviewed by staff
- Existing and proposed lighting elements including locations and details
- Traffic and street signage locations and dimensions
- Existing and proposed above and below ground utilities and easements
- Existing and proposed driveways, sidewalks, trails, access roads to oil and gas facilities, parking areas, etc. locations and details. Label and specify surface materials and thickness. For parking lots, breakdown by types and number of vehicles
- Existing and proposed structures and dimensions
- Major site furnishings shall be identified (exterior signs, benches, water features, planters, walls, enclosures, bike racks, trash receptacles, sculptures, etc.) including locations, details, and legend
- Fencing materials including locations and details
- Plant materials list that specifies plant symbols, plant names (both botanical and common), legend of abbreviations, quantities, container or caliper sizes at time of installation, and root containment.
- Above and below ground planting pits, containers, and tree grate details
- Exploded views of densely vegetated areas or areas of great detail
- All plant materials shall be listed on the Town of Erie approved tree list. Distribution of tree species shall follow the 10/20/30 rule: No more than ten (10) percent of a single species, twenty (20) percent of a single genus, or thirty (30) percent of a single family are to be used. All plant materials shall be approved by Town of Erie.
- Existing vegetation to be retained or removed including sizes and species. Please refer to section 1012.00 of the Town of Erie Standards and Specifications for all requirements regarding vegetation preservation and protection. Vegetation and Tree Protection Zones shall be included on all applicable landscape plans.
- Delineation of all corner visibility triangles. Street trees shall be placed thirty (30) feet from all intersections
- Labeled or keyed all areas of mulch and indicate type and square footage
- Labeled or keyed all areas to receive soil amendments
- Labeled locations of proposed turf species including information on method of installation (sod, plugs, seeding rate)

Irrigation Plans - All irrigation plans shall include the following if applicable:

- Cloud, delta, and date all revisions to any plans previously reviewed by staff
- Site specific conditions
- System component legend with clear, consistent symbols
- Symbols of other major components
- Type and size of main irrigation system components
- Sprinkler/emitter legend including symbols, operating pressure (PSI), flow rate (GPM)
- Backflow prevention unit location, size, and type and installed pursuant to applicable plumbing and local codes
- Submit a watering schedule with run times and application rates
- Static pressure and design pressure shall be provided
- Provide pressure loss calculations on request
- The point of connection (POC) shall indicate the location and size of meter
- The five (5) second rule shall apply to all design aspects
- Show and label locations to be irrigated with potable and non-potable water and identify the total square footage of each
- Number and type of irrigation system controllers
- Shut off and isolation valves
- Zone valves with locations, type, size, flow, and number
- Frequency of cycle for each control valve
- Turf and non-turf zones shall be irrigated on separate valves
- Show mains and laterals piping
- Show spray heads, location, and type
- Sprinkler heads must provide head to head water coverage
- No single zone shall mix head types
- Minimum acceptable distribution uniformities shall be 55% for pop up sprinkler heads or spray zones and 70% for rotor zones, or current irrigation association accepted minimums
- Indicate location and size (area) of each hydro-zone – including any zones using non-potable water, total water budget broken down by each hydro-zone, location and size of water tap and meter, existing and design water pressure, type of irrigation technique (such as drip, micro-pray, spray, rotor, underground, etc.), and other general information
- Irrigation zones substantially corresponding to hydro-zones on the landscape plan and labeled by precipitation rates and method of application
- Show and label locations of proposed (low, moderate, high) hydro-zones and identify the total square footage of each
- Irrigation zones substantially corresponding to hydro-zones on the landscape plan and labeled by precipitation rates and method of application.
- Total water budget and calculations by hydro-zone
- Design for berms and slopes should minimize runoff. (Berms and slopes may need repetitive, shorter watering cycles.)
- All systems shall be capable of supplying a sufficient number of inches of water per week to the total irrigated area in order to maintain the health of the plant material
- Sleeve all lines under hardscapes