TOWN OF LISBON
SUBDIVISION/RESUBDIVISION APPLICATION

CORRESPONDENCE WILL BE SENT TO APPLICANT OR DESIGNATED AGENT. ALSO SEE NOTES 1, 2 AND 3 BELOW:

- APPLICANT: _____ TELEPHONE: _____
  ADDRESS _____ EMAIL: _____
- APPLICANT'S AGENT (IF ANY): _____ TELEPHONE: _____
  ADDRESS _____ EMAIL: _____
- OWNER / TRUSTEE: _____ TELEPHONE: _____
  ADDRESS _____ EMAIL: _____
- ENGINEER / SURVEYOR: _____ TELEPHONE: _____
- ADDRESS _____ EMAIL: _____

1. TO BE ACCEPTED BY THE PLANNING AND ZONING COMMISSION, THIS ENTIRE APPLICATION MUST BE COMPLETED, SIGNED BY THE PARTIES LISTED BELOW, AND SUBMITTED WITH THE REQUIRED FEE(S) AND PLANS PREPARED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND ORDINANCES.

2. THE SUBMITTAL OF THIS APPLICATION CONSTITUTES THE PROPERTY OWNER'S PERMISSION FOR THE COMMISSION, ITS STAFF, AND/ OR ITS CONSULTANT(S) TO ENTER THE PROPERTY FOR THE PURPOSE OF INSPECTION.

3. I HEREBY, AGREE TO PAY ALL ADDITIONAL FEES AND/OR ADDRESS SUCH COSTS DEEMED NECESSARY BY TOWN STAFF UNDER THE LISBON LAND USE FEES ORDINANCE.

SIGNATURE OF APPLICANT/AGENT _____ PRINTED NAME OF APPLICANT/AGENT _____
DATE: _____

SIGNATURE/RECORD OWNER _____ PRINTED NAME/RECORD OWNER _____
DATE: _____

PARCEL IDENTIFICATION INFORMATION

STREET ADDRESS AND/OR LOCATION OF PROPERTY: _____

MAP /BLOCK /LOT: _____

VOLUME/ PAGE: _____

PROJECT NAME: _____ ZONING DISTRICT: _____

TOTAL LAND AREA BEING SUBDIVIDED: _____

PROJECT DESCRIPTION

_____
_____
_____
_____
_____
_____

==========

APPLICATION SUBMITTAL DATE: _____ ***FEE(S) PAID***: _____

OFFICIAL DAY OF RECEIPT: _____

P & Z COMMISSION ACTION: _____ ***DATE***: _____

CHAIR'S SIGNATURE: _____

UPON APPROVAL OF THIS APPLICATION BY THE PZC, AND COMPLIANCE WITH THE PROVISIONS OF SECTIONS 4.7, 4.9 AND 5. 7 OF THE SUBDIVISION REGULATIONS, CONSTRUCTION MAY COMMENCE AND/OR LOTS MAY BE SOLD.

Rev. 5/2020

TOWN OF LISBON
SUBDIVISION / RE-SUBDIVISION APPLICATION
PART TWO

- **PROJECT NAME:** _____ NUMBER OF LOTS: _____

- Open Space: ACREAGE _____ FEE IN LIEU_____EXEMPTION_____

- Road Proposed: YES _____ NO_____

- Water Supply and Sewage Disposal:
  ON- SITE SEPTIC_____ ON-SITE WELL_____ PUBLIC SEWER_____ PUBLIC WATER_____

- Is Property within the ***Special Flood Hazard Area Boundaries*** identified by the Federal Emergency Management Agency in its Flood Insurance Study for Lisbon / New London County, Connecticut?
  YES_____ NO_____If **YES**, has a Base Flood Elevation (BFE), Zone Designation or Floodway Designation been identified and shown on the plan? YES_____ NO_____

- During and after development, will building sites be reasonably safe from flooding?
  YES_____ NO_____If **YES**, provide BFE and the finished floor elevation (FFE) to which the new or substantially improved structures will be flood-proofed: BFE _____'; FFE_____'.

- If a floodway is affected, has certification been provided that encroachments shall not result in any (0.00) increase in flood levels of the base flood discharge with the development?
  YES_____ NO_____

- Is property within or does development affect, a priority storm-water area as shown on the Town of Lisbon Priority Areas Map dated 6/28/2021? YES_____ NO _____. If **YES**, have policies and strategies been identified to address storm-water management requirements? YES_____ NO _____.

- Are there regulated wetlands within Upland Review Area or on the property? YES____ NO_____. If **YES**, has a Wetland Permit Application or a request for a report been submitted, or a permit obtained?
  YES_____ NO_____

- Existing Impervious Surface On Site: (SQ. FT.)_____

- **PLEASE REVIEW REQUIREMENTS FOR REPORTS OR NARRATIVE, NECESSARY TO SHOW COMPLIANCE WITH THESE SPECIFIC REGULATIONS, INCLUDING:**

  - ☐ Soil Erosion and Sediment Control Plan Compliance (Section ___): 4 copies**
  - ☐ Flood Protection Regulations (Section 10.15): 4 copies
  - ☐ Storm-water Management Plan and Low Impact Development Compliance (Section 5.5): 4 copies**

- **OTHER PERMIT AND NOTICING REQUIREMENTS**

  - ☐ If a site plan application involves an activity regulated pursuant to Connecticut General Statutes (CGS) Chapter 440 Sections 22a-36 to 22a-45, inclusive, the applicant shall submit an application to the Lisbon Conservation Commission, acting as the Inland Wetlands and Watercourse Agency, no later than the day such application is filed with the Planning and Zoning Commission.
  - ☐ For property encumbered by a conservation or preservation restriction, the application shall include written evidence that the applicant has made notification as required pursuant to CGS Chapter 822, Section 47-42d, or as amended.
  - ☐ For property located within a public water supply watershed of a water company, the application shall include written evidence that the applicant has made notification, as required pursuant to CGS Chapter 124, Section 8-3i, or as amended.
  - ☐ Where a development involves future development of over 200 parking spaces or 100,000 square feet of floor area, proof that the applicant has made notification to the State Traffic Commission will be required, or a finding of no need for permit must be obtained before issuance of building permits.
  - ☐ In cases where a watercourse will be affected, provide proof of notification of the adjacent community and the CTDEEP prior to any alteration or relocation of a watercourse. [see 44 CFR 60.3(b)(6)]
  - ☐ Provide assurance that all necessary permits or certificates have been or will be received from other State and Federal agencies from which approval is required. [see44 CFR 60.3(a)(2)]

- **WAIVERS REQUESTED AND REASONS PER SECTION 8 OF THE SUBDIVISION REGULATIONS**

_____

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ATTACH COMPLETED CHECKLIST

REV. 8/17/22

TOWN OF LISBON
SUBDIVISION/RE-SUBDIVISION CHECKLIST

A. INFORMATION TO BE SUBMITTED AND/OR ADDRESSED WITH THE REQUEST FOR SUBDIVISION/RE-SUBDIVISION PLAN APPROVAL

- ☐ Complete Application on the form provided by the Town, and submit the following number of copies:
  - ☐ Fifteen (15) copies of the application and supporting application materials, including property card
  - ☐ Seven (7) full sized Subdivision Plan copies
  - ☐ Fifteen (15) reduced size (11 x 17) Subdivision Plan copies
  - ☐ Three (3) copies of any special supporting documents, such as traffic and drainage reports
  - ☐ Application fee with State fee added (Check or M.O. made out to "Town of Lisbon")
- ☐ This checklist, completed by the applicant.
- ☐ Proof that the application has been made to, or permit obtained from, the Conservation Commission for any regulated activity under CGS 22a-42.
- ☐ Fee in accordance with the Town of Lisbon Fee Ordinance, as amended.
- ☐ A soil erosion and sediment control plan and accompanying information in accordance with section 4.11 and section 5.5 inclusive, for development when the disturbed area of such activity or development, is cumulatively more than one-half acre. In cases where disturbance is one (1) acre or more:

  It is the developer's or contractor's obligation to obtain authorization under DEEP's General Permit for the Discharge of Storm-water and Dewatering Wastewaters Associated with Construction Activities("Construction General Permit) if their development or redevelopment project disturbs one or more acres of land, either individually or collectively, as part of a larger common plan, and results in a point source discharge to the surface waters of the state. Applicants are directed to sections 5.5.3. and 5.5.4 regarding storm-water quality and low impact development techniques. A copy of the Storm-water Management Plan or Storm-water Pollution Control Plan (required by the Construction General Permit) as the case may be, shall be provided to the Town of Lisbon by the applicant upon request.
- ☐ An estimate of the costs for public improvements shown on the subdivision or re-subdivision plan. This estimate will be evaluated to determine the necessary performance bond.
- ☐ Where applicable, 1) provide proof that applications were made, or have been obtained, for any required Certificates of Public Convenience and Necessity required by state statute, 2) written statements to the suitability of water systems under provisions of section 13 of Special Act 381 (1967), as amended, and 3) written statements to the suitability of all other improvements such as roads, drainage and monuments, from the First Selectman.
- ☐ Offers of deed in satisfactory form of all land for public improvements, including boundary descriptions. See section 5.7.4.
- ☐ Where applicable, written copies of all agreements, restrictive covenants, or other documents governing all land not to be deeded to the Town. See section 5.7.5.
  Where applicable, a written statement from CONNDOT confirming that designs of new street intersections with the state highway(s) are satisfactory.

- ☐ Where applicable, Special Flood Hazard Area information, including floodplain certifications, floodplain boundaries, base flood elevations and any increases in same, lowest floor and finished floor elevations of existing, proposed or substantially improved structures, Floodway data and encroachments, and any other information required per section 6.10, 6.11, 6.12, and 6.13.
- ☐ In the case of Floodway Encroachments, technical data and supporting analyses performed by a professional engineer in accordance section 6.12.
- ☐ In the case of waiver requests, provide written request in accordance with section 8.1.
- ☐ If no open space dedication is proposed, an appraisal of the land to be subdivided has been conducted by an approved appraiser and submitted for the purpose of determining the fee in lieu of open space in accordance with Section 6.5 of the Subdivision Regulations.
- ☐ Proof of issuance of findings and/or permits from state agencies regarding such items as Highway Encroachment Permits, Certificate(s) of Public Convenience and Necessity for Public Water Systems, etc. (see Town Planner for details).
- ☐ Any staging/phasing plan, if applicable, indicating ultimate staged/phased development.
- ☐ Special studies and/or documentation necessary for adequate review of the application as required.

B. ITEMS TO BE INCLUDED ON THE SUBDIVISION/RESUBDIVISION PLAN:

- ☐ Plan conforming with Class A2 standards for accuracy of the Code of Recommended Practice for Standard of Accuracy of Surveys and Maps of the Connecticut Association of Land Surveyors, Incorporated, as amended.Prints shall be thirty six (36") by twenty four (24") inches, twenty four (24") by eighteen (18") inches or eighteen 18") by twelve (12") inches in size. All such prints shall have a one half (½") inch border on three (3) sides and a two (2") inch border on the left side. Multiple prints shall be bound.
- ☐ Type size no smaller than .08" or equivalent of 80 LEROY.
- ☐ The name or title of the Subdivision and the words, "Lisbon, Connecticut."
- ☐ The name of the subdivider, applicant and the owner of the property.
- ☐ Legend.
- ☐ Sequential numbering of sheets.
- ☐ Match lines (if match sheets are used).
- ☐ Reference to all existing maps, plans, easements, etc. used in preparation of such plan.
- ☐ Name, Connecticut registration number and seal of the land surveyor and/or engineer that prepared the drawing.
- ☐ North point, scale and date of drawing and revisions. Directional orientations shall be consistent on all sheets.
- ☐ Where only a part of the subdivision is shown on the sheet, a key map shall show its location in relation to the whole subdivision. Key map at a scale not smaller than one (1") inch equals 2,000 feet with the location of the proposed subdivision and all existing roads and watercourses within 2,000. Key map may be included as an insert map on the boundary survey map and may be a simple tracing of the area from the U.S. Geological Survey.
- ☐ Topographic map. Contour lines at not more than ten feet, unless smaller intervals will permit improved plan review and assessment of slope characteristics.
- ☐ Proposed site grading for the entire subdivision.

- ☐ Boundary Survey Map withthe entire parcel or that portion thereof to be subdivided into building lots at a scale of at least one (1") inch equals 100 feet, although a scale of one (1") inch equals fifty (50") feet or one (1") inch equals forty (40") feet.
- ☐ Boundaries, dimensions, acreage and zoning of the property to be subdivided.
- ☐ Boundaries of properties and names of property owners within 100 feet of the proposed subdivision or re-subdivision.
- ☐ Location of all inland or tidal wetland boundaries, watercourses and flags as established by Connecticut registered soil scientist (note name of scientist on plan).
- ☐ Locations of steep slopes and rock outcroppings.
- ☐ Proposed lot boundaries, numbers, dimensions, bearings, angles and areas in square feet.
- ☐ All existing and proposed monuments, pipe markers and any other physical evidence concerning property boundaries, with new markers referenced to established points of the Connecticut Coordinate System.
- ☐ Locations of all existing and proposed easements, rights of way, drainage rights, and open space and recreation areas.
- ☐ Locations of street right(s) of way, bearings, curve data, including arc length, radii and central angles, pavement widths, stations along center lines at 100 foot intervals, and locations of sidewalks, bikeways, and street pavement within the rights of way.
- ☐ Street names, where proposed, substantially different so as not to be confused in sound and spelling with present names in the Town, except that streets that join or are in alignment with streets on abutting or neighboring property bear the same name.
- ☐ Elevations referenced to latest U.S. Geological Survey datum.
- ☐ The words "Approved by the Lisbon Planning and Zoning Commission," with designated spaces provided for the data and signature of the Chairman or Secretary of the Commission.
- ☐ The words "Date of Completion of All Work," with designated space for the date and initials of the Chairman or Secretary of the Commission.
- ☐ The words "Approved by the Lisbon Board of Selectman," with designated space for date and signature.
- ☐ The words "Approved by the Uncas Health District" with designated spaces for the dates and signatures of the appropriate officials.
- ☐ A construction plan, prepared by a Connecticut registered professional engineer, drawn at a scale of one (1") inch equals forty (40") feet, with any type of construction, such as roads, drainage, water supply or sewer systems, retaining walls, etc., in conformance with "An Ordinance Regulating the Addition of Any New Street or Highway to the System of the Town of Lisbon," or amendments thereto.The construction plan includes, where applicable, items included in section 5.4.1, 5.4.2, and 5.4.3 of the Subdivision Regulations.
- ☐ Add note: *All other construction shall be in accordance with the latest form of the Connecticut Department of Transportation, Bureau of Highways "Standard Specifications for Roads, Bridges and Incidental Construction" and any supplements and amendments thereof, unless otherwise specifically provided by Town Ordinances or these Regulations.*
- ☐ If applicable, note stating: *"A CONNDOT Highway Encroachment Permit is required for all work within the state right-of-way."*
- ☐ Indication of proposed use of any lot planned for other than residential use.
- ☐ Note stating: *"Call Before You Dig at 811 or 1-800-922-4455 will be contacted prior to project initiation."*
- ☐ Note stating: *"All new utilities, including CATV, will be located underground in accordance with section 7.5 of the Subdivision Regulations."*

- ☐ Note stating: *"All construction to be in accordance with Town of Lisbon road and drainage construction standards and ordinances, whichever are more restrictive."*
- ☐ Note stating: *"The provisions of section 7.9 of the Subdivision Regulations shall be met with regard to clean-up upon suspension or completion of work."*
- ☐ Note stating: *"New streets shall conform to the provisions of section 6.3 of the Subdivision Regulations andAn Ordinance Regulating the Addition of Any New Street or Highway to the System of the Town of Lisbonregarding street improvements."*
- ☐ Note stating: *"The contractor will notify the Town of Lisbon Tree Warden before removal or pruning of any trees that stand on Town property as per State of Connecticut General Statutes Chapter 451 Section 23-58, as amended."*

REV 9/19/2022

TOWN OF LISBON
Guidance Document for Low Impact Development
Best Management Practices

Similar to many towns in Connecticut, the Town of Lisbon has seen increased interest in balancing community growth and environmental conservation. When an undeveloped site is converted into residential housing or commercial areas, roads, roofs, parking lots and driveways replace the native vegetation and soils that were on the site. As would be expected, much more water runs off developed sites in response to rain storms. Pollutants, such as oil from vehicles, bacteria, nitrogen and phosphorus collect on the impervious surfaces and are washed off during precipitation events. Typical development approaches do not provide adequate treatment for this storm water, and receiving waters suffer a variety of impairments due to these human induced changes in the landscape. Storm- water runoff has been identified as one of the biggest causes of stream quality degradation. Low impact development (LID) is an approach that will help to minimize the impacts of traditional development, while still allowing for growth. Pioneered in Maryland[1], this approach is being successfully utilized throughout the country. LID has also been adopted as the preferred method of site design in the 2004 Connecticut Storm-water Quality Manual[2]. In addition to protecting ecosystems and receiving waters, the LID approach can often result in cost savings on projects[3].

The following areas of focus will help guide planning for your project to achieve compliance with the erosion and sediment control requirements and stormwater management/LID requirements of the zoning, subdivision, inland wetlands, and road/drainage construction standards of the Town of Lisbon:

1. ***Assessment of natural resources.*** Ideally, LID is considered early in the site planning process. The objective is to allow for development of the property, while maintaining the essential hydrologic functions of the site. A thorough assessment of the existing natural resources on the site needs to be performed, so that essential features can be preserved, and suitable sites for development can be identified.

2. ***Preservation of open space.*** Cluster subdivision design can complement the LID approach. Cluster subdivisions provide a key way to protect natural resources while still providing landowners with the ability to develop their property. In most cases, the number of residential units allowed in a cluster subdivision equals the number allowed under conventional subdivision regulations.

3. ***Minimization of land disturbance.*** Once the development envelope is defined, the goal is to minimize the amount of land that needs to be disturbed. Undisturbed forest, meadow, and wetland areas have an enormous ability to infiltrate and process rainfall, providing base flow to local streams and groundwater recharge. Construction equipment causes severe compaction of soils, so after development, even areas that are thought to be pervious such as grass, can be quite impervious to rainfall.

4. ***Reduce and disconnect impervious cover.*** With careful planning, the overall percentage of impervious cover in a proposed project can be minimized. Roads, driveways, sidewalks, parking lots, and building footprints can be minimized the reduce impacts, but still provide functionality. Additionally, not all impervious surfaces have the same impact on local waterways. With proper planning, runoff from impervious surfaces can be directed to pervious areas such as grass or forest, or to LID treatment practices. It should be noted that every project is unique, and not every LID practice will be appropriate. For example, sidewalks or bike paths may be an asset to a new subdivision, if there is some connection to existing pedestrian travel routes. However, sidewalks may not be needed in other settings, and would add

unnecessary costs and impervious cover. The objective is to evaluate each site individually and determine the most appropriate management techniques to reduce impacts to waterways.

5. ***Implementing LID practices***. There are a variety of practices that can be used to maintain the pre-development hydrologic function of a site. For more detail on the following practices, see the references below:
    - Bio-retention areas or rain gardens are depressed areas in the landscape that collect and infiltrate storm water.
    - Vegetated swales can be used to convey runoff instead of the typical curb and gutter system, and they can also infiltrate and filter storm water.
    - Water harvesting techniques can be employed, so that storm water can be a resource rather than a waste product.
    - Pervious pavements allow rainfall to pass through them, and can be installed instead of traditional asphalt or concrete.
    - Green roofs can reduce storm water runoff through evaporation and transpiration through plants, and they also can help save on heating/cooling costs.

LID represents a change from typical design approaches. Proper installation and maintenance of LID practices is critical to their performance. Therefore, installation should be performed by someone with LID experience to avoid costly mistakes.

With proper design and installation, LID can provide multiple benefits including decreased construction costs, reduced impacts to receiving waters, increased habitat for wildlife, beautiful landscape features, and increased property values.

References

[1]Prince George's County, Maryland. 1999. Low-Impact Development Design Strategies: An Integrated Design Approach. MD Department of Environmental Resources, Programs and Planning Division.

[2]CT DEP. 2004.Connecticut Stormwater Quality Manual.Department of Environmental Protection. 79 Elm St., Hartford CT. Available at Mansfield Town Hall, or online at http://www.ct.gov/dep/cwp/view.asp?a=2721&q=325704&depNav_GID=1654

[3]US EPA. 2007. Reducing Stormwater Costs through Low Impact Development (LID), Strategies and Practices. EPA Publication number 841-F07-006.

REV: 11/15/2021

Low Impact Development (LID) Site Design and Installation Checklist

New zoning and subdivision regulations have been adopted and became effective on September 1, 2021 regarding developments that disturb one (1) acre or more, or which propose development in designated priority storm-water areas. Items listed below need to be considered by developers and applicants when submitting plans for land use applications when these *storm-water management plan and low impact development* requirements apply.

This checklist is intended to complement relevant existing and newly adopted erosion and sediment control regulations. Due to individual site differences, not all items will apply to each individual property. Check items that have been applied, or explain why the items have not been used in the areas allocated. For more information on LID practices and how to implement them please refer to the 2004 Connecticut Storm-water Quality Manual.

1. Assessment of Natural Resources

- ☐ Natural resources and constraints have been indicated and are identified on the plans (wetlands, rivers, streams, flood hazard zones, meadows, agricultural land, tree lines, slopes [identified at required contour interval], soil types, exposed ledge & stone walls.
- ☐ Is the property shown on the latest copy of CT DEEP State and Federal Listed Species and Significant Natural Communities Map as listed in the Natural Diversity Data Base (NDDB)? If so, provide a copy of the CT DEEP NDDB request form and CT DEEP reply letter.
- ☐ Development is designed to avoid critical water courses, wetlands, and steep slopes.
- ☐ Soils suitable for septic & storm-water infiltration have been identified on plans.
- ☐ Soil infiltration rate/permeability has been measured and listed on plan:
  See sheet # _____
- ☐ On-site soils have been assessed to determine suitability for storm-water infiltration.
- ☐ Natural existing drainage patterns have been delineated on the plan and are proposed to be preserved or impacts minimized.

- ☐ *For items not checked, please use the space below to explain why that item was not appropriate or possible for your project, or any other pertinent information:*

_____
_____
_____
_____
_____

2. Preservation of Open Space in Zoning or Subdivision Applications as Required

- ☐ Percent of natural open space calculation has been performed.
  Percent = _____
- ☐ An open space, cluster or conservation subdivision design has been used.
- ☐ Open space and/or dedicated common areas are delineated.
- ☐ Open space is retained in a natural condition.

☐ Reduced setbacks, frontages, and right-of-way widths have been used where practicable in conformance with land use regulations and the POCD.

☐ *For items not checked, please use the space below to explain why that item was not appropriate or possible for your project, or any other pertinent information:*

_____
_____
_____
_____
_____

3. Minimization of Land Disturbance

☐ The proposed building(s) and/or structure(s) is/are located where development can occur with the least environmental impact.
☐ Disturbance areas have been delineated to avoid unnecessary clearing or grading.
☐ Native vegetation outside the immediate construction areas remains undisturbed or will be restored.
☐ Plan includes detail on construction methods and sequencing to minimize compaction of natural and future storm-water areas.

☐ *For items not checked, please use the space below to explain why that item was not appropriate or possible for your project, or any other pertinent information:*

_____
_____
_____
_____
_____

4. Reduce and Disconnect Impervious Cover Areas as Required for Retrofit Projects

☐ Impervious surfaces have been kept to the minimum extent practicable, using the following methods (check which methods were used):
  ☐ Minimized road widths
  ☐ Minimized driveway area
  ☐ Minimized sidewalk area
  ☐ Minimized cul-de-sacs
  ☐ Minimized building footprint
  ☐ Minimized parking lot area
☐ Impervious surfaces have been disconnected from the storm-water system, and directed to appropriate pervious areas, where practicable.

☐ *For items not checked, please use the space below to explain why that item was not appropriate or possible for your project, or any other pertinent information:*

_____
_____
_____
_____
_____

5. **LID Practices Design and Installation (To be evaluated in *design* and *post construction* phases)**

- ☐ Sheet flow design is used to the maximum extent possible to avoid concentrating runoff.
  Installed: Yes __No__
  Comment_____
  _____
- ☐ Vegetated swales have been designed adjacent to driveways and/or roads in lieu of a curb and gutter storm-water collection system. ***Installed: Yes__ No__***
  Comment_____
  _____
- ☐ Rooftop drainage is discharged to bio-retention/rain gardens. ***Installed: Yes__ No__***
  Comment_____
  _____
- ☐ Rooftop drainage is discharged to drywell or infiltration trench.
  Installed: Yes__ No__
  Comment_____
  _____
- ☐ Rain water harvesting methods such as rain barrels or cisterns have been designed to manage roof drainage. ***Installed: Yes__ No__***
  Comment_____
- ☐ Driveway, roadway, and/or parking lot drainage is directed to bio-retention/rain gardens.
  Installed: Yes__ No__
  Comment_____
  _____
- ☐ Cul-de-sac bulb design proposes a landscaped bio-retention island. ***Installed: Yes__ No__***
  Comment_____
  _____
- ☐ Vegetated roof systems have been included, if appropriate. ***Installed: Yes__ No__***
  Comment_____
  _____
- ☐ Pervious pavements have been incorporated, if appropriate. ***Installed: Yes__ No__***
  Comment_____
  _____
- ☐ *For items not checked in the design phase, please use the space below to explain why that item was not appropriate or possible for your project, or any other pertinent information:*

  _____
  _____
  _____
  _____
  _____

REV: 11/15/2021