



## **SUSTAINABLE DESIGN PRACTICES FOR THE LANDSCAPE**

### **LID - LOW IMPACT DEVELOPMENT**

- ✓ PRE-CONSTRUCTION PLAN
- ✓ PRESERVATION OF EXISTING VEGETATION
- ✓ MINIMAL DISTURBANCE TO LAND (GRADING, PAVING, ETC.)
- ✓ CLIMATIC INFLUENCES

### **DRAINAGE SOLUTIONS**

- ✓ NATURAL VEGETATED SWALES
- ✓ RAIN GARDENS
- ✓ GREY WATER REUSE / ROOF WATER STORAGE
- ✓ POROUS PAVING
- ✓ EROSION CONTROL (COMPOSTING)
- ✓ GROUNDCOVERS

### **PLANTINGS**

- ✓ HARDY / INDIGENOUS
- ✓ XERISCAPING (SEE IRRIGATION)
- ✓ PRACTICAL AREAS OF TURF / LESS TURF (LESS FERTILIZERS, MTNCE., FUELS AND FUMES, ETC.)
- ✓ MORE WILDFLOWERS
- ✓ ORGANIC COMPOSTING (NON-BLEACHED/COLORED) AND TEA APPLICATIONS
- ✓ SNOW, SALT AND DEER TOLERANT
- ✓ PROPER PLACEMENT FOR LOW MTNCE. AND EFFICIENCY IN CLIMATIC CONDITIONS



## **SUSTAINABLE DESIGN PRACTICES FOR THE LANDSCAPE (CONT.)**

### **INTELLIGENT IRRIGATION**

- ✓ LEIT – LIGHT ENERGIZED IRRIGATION TECHNOLOGY
- ✓ DRIP EMITTER, MICRO SPRAY, SENSORS, FILTERS, ETC.
- ✓ SMART DESIGN (ZONING CORRECTLY) / SPECIFICATIONS
- ✓ ET EFFICIENT (EVAPO-TRANSPARATION TECHNOLOGY)
- ✓ PROPER MAINTENANCE!

### **LIGHTING**

- ✓ DARK SKY / IESNA COMPLIANCE
- ✓ SMART LIGHT TECHNOLOGY (FIBER OPTICS, LOW VOLTAGE, SENSORS, SOLAR POWERED, CUTOFFS, REFLECTORS, ETC.)
- ✓ NON REFLECTIVE PAVING
- ✓ LIGHT COLORED PAVING (REDUCE LIGHT REQUIREMENTS)

### **RECYCLE LOCAL MATERIAL**

- ✓ EXISTING LEAF BASE FOR NATURAL PLANTINGS
- ✓ PLASTICS (PVC) – DECKING, PERGOLAS, ARBORS, ETC.
- ✓ STONE (WALLS, PAVING, ETC.)