

SUSTAINABILITY CHECKLIST FORM

APPLICANT – PRINT OR TYPE – ALL SECTIONS TO BE COMPLETED:		TOWNSHIP OK (Date)
SUSTAINABLE BUILDING AND DESIGN STANDARDS		
Name of LEED Accredited Professional working on project:	Martin Breen (KDA Architects);	
List of Energy Star and WaterSense appliances, fixtures and construction techniques:	The residential appliances will be Energy Star rated.	
List of green and recycled building materials in new construction, renovation, and maintenance:	The building materials for this project have not been selected yet, but the intent is to use materials that are environmentally sustainable.	
Waste Management Plan for recycling and/or reuse of 60 percent of all construction and demolition of waste generated in projects larger than \$25,0000:	A waste management plan will be created in collaboration with the general contractor to meet this requirement.	
Use of any water efficient landscaping:	All proposed plantings are native or adapted species.	
Use of any on-site renewable energy systems such as: (i) Solar (ii) Wind (iii) Geothermal	DOI is considering using roof top solar systems for this project.	
Details of roofing materials designed to reduce the urban heat island effect such as: (i) Construction of roof top gardens to reduce solar gain in summer and insulate in winter (ii) Use of roofing materials that are no darker than a light gray or demonstrate how alternate roofing materials reduce the urban heat island effect	All roofing will be light gray to reduce the heat island effect. The parking garage roofs will be designed as roof top plazas with landscaping.	
Details of any sustainable stormwater systems employed such as: (i) Bioswales/ raingardens (ii) Permeable surfaces (iii) Grey water systems (iv) Retention and detention facilities (v) Continuous trenching	The proposed improvements call for an overall reduction on both impervious and motor vehicle surface. Additionally, we are proposing 3 surface basins and one subsurface basin.	
A list of native and well adapted species used in landscaping to eliminate the need for fertilization and pesticides:	Red Maple, River Birch, Hackberry, Honeylocust, Kentucky Coffeetree, Sweetgum, Pin Oak, Willow Oak, Red Oak, American Basswood, American Elm, Serviceberry, Redbud, Fringetree, Flowering Dogwood, Washington Hawthorn, Crepe Myrtle, Sweetbay Magnolia, American Holly, Eastern Red	

Note: Please indicate for each of the sustainable building/designing strategies, whether it is being incorporated in the project. If not, please indicate the reason(s) why it is not being incorporated in the project.