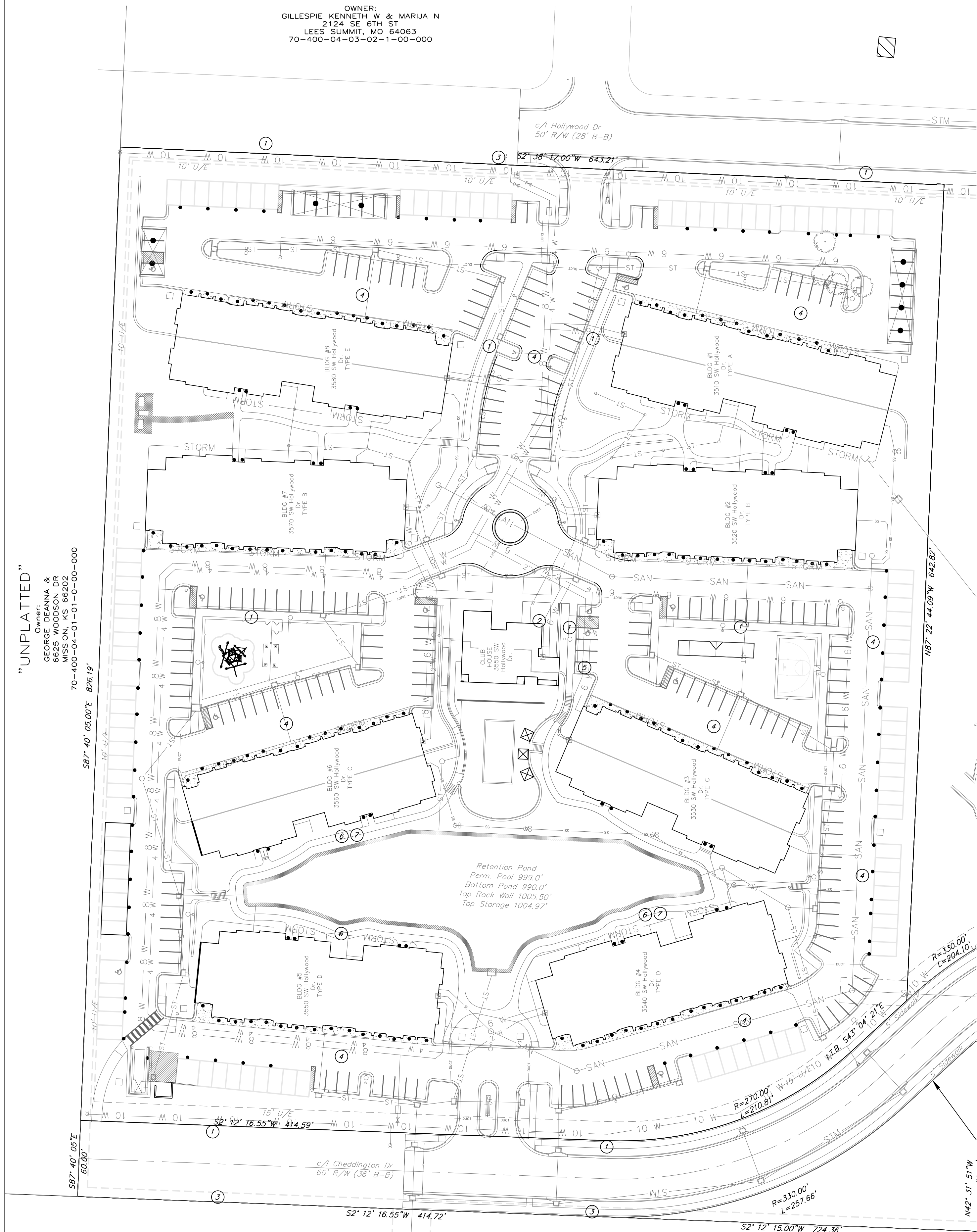


"UNPLATTED"
Owner:
GEORGE KENNETH W & MARIA N
6625 WOODSON DR
MISSION, KS 66202
70-400-04-01-01-0-00-000



Project: Aldersgate Methodist Church			Date: 08/05/2016		
Table 6-1: Menu of Sustainability Options					
Ref. #	CATEGORY	SITE OR BUILDING DESIGN FEATURE	MAXIMUM POINTS	POINTS	
Multi-Modal Transportation					
Intent: Promote public health by encouraging daily physical activity associated with alternative modes of transportation such as walking, bicycling, and the use of public transit; promote safe and efficient circulation within the community for all modes; and promote energy savings and reduced greenhouse gas emissions associated with the use of alternative modes:					
1	Pedestrian Access	Where a development encompasses a block or more of land and is enclosed by fences, perimeter walls, solid landscaping, or retaining walls, provide public pedestrian access through the perimeter at an average interval of not less than 200 linear feet and that in no instance exceeds 300 linear feet.	5	5	
o Engineer Comment		Public access will be provided.			
2	Bicycle Facilities	o Provide bicycle parking in close proximity to building entrances (5 pts). o Include enhanced facilities to encourage the use of bicycles for transportation. • Provide lockers for all bicycle parking (5 pts). • Provide showers and clothing lockers for bicycle commuters (3 pts). • Provide indoor bicycle lockers (3 pts.).	10	10	
o Engineer Comment		Bicycle racks will be installed near the entrances and showers will be located in the Green Room.			
3	Liveable Streets	Project streets are designed and/or retrofitted to meet livable street standards including bicycle accommodations, safe pedestrian crossings that incorporate curb extensions or median islands where necessary, and public transit pull-outs where appropriate.	35	35	
o Engineer Comment		Streets are designed to meet livable street standards.			
4	Parking Maximum	Limit automobile parking spaces provided to the minimum number of spaces required by Table 12-1, Minimum Parking by Use. For example, for a 20,000 square foot medical office space, provide no more than 40 parking spaces (standard is 5 spaces per 1,000 gfa).	5	5	
o Engineer Comment		Total number of parking is 432 and 9 ADA Stalls.			
5	Electrical Vehicle (EV) Charging Stations	Provide a Mode 3 or 4 or Type 4 electrical vehicle charging station with public access (2 pts per station).	10	2	
o Engineer Comment		1 EV Charging Stations are provided along the South side of the Club House.			
6	Park and Trails	o Provide on-site park land, open space, or trail connections totaling at least 15% of the parcel size (5 pts). o Provide on-site trail or pedestrian pathway improvements through on-site parks or open space (5 pts).	10	10	
o Engineer Comment		On-site park, open space and trail will be provided.			
7	Landscaping Irrigation	Provide an automatic underground irrigation system to water site landscaping that meets the following standards: o System design is surface drip system, subterranean drop system, micro-spray, or a combination of these systems; provided that a hose bib system may be used for irrigation when a landscape area is less than 1,000 square feet in size and when all portions of the area are within 50 feet of a hose attachment; and o The system shall be equipped with timers and scheduled to operate during evening or early morning hours to minimize evaporation rates.	10	10	
o Engineer Comment		Irrigation system and timer are to be incorporated.			
A Healthy Community					
Intent: Encourage local production of food and availability of healthy food choices and offer safe alternatives for children to walk and bike to school.					
8	Food Supply - Community Gardens	o Provide fenced, illuminated, and centrally located community gardens space for residents with access to one spigot per 10,000 square feet of garden space. o Incentive: Garden space provided pursuant to this option shall receive double credit towards any common open space requirement up to a maximum of 25% of total requirement.	5	5	
o Engineer Comment		Garden space will be provided to fulfill this requirement.			
9	Safe Routes to School	Within a new residential subdivision, map and mark safe routes to school that meet standards set by National Safe Routes to School.	5	5	
o Engineer Comment		Provided sidewalks and cross walks to accommodate pedestrians.			

- REV 3-21-17
Planning Review
1. Relocated the monument signs to be outside the easements.
- Fire Review
2. Fire driving lanes have been labeled on the plans.

- REV 3-24-17
1. Removed ramp.
2. Added Stair.

Water Quality and Stormwater Management					
Intent: Encourage development practices that enhance water quality, reduce water treatment costs, reduce impacts on natural resources, reduce stormwater runoff, and encourage low impact stormwater alternatives.					
10	Low Impact Development/ Best Management Practices	- o Incorporate on-site stormwater management techniques that are designed to ensure that there is no net increase in stormwater runoff volume, rate, or pollutant loads from new construction. City review and approval of project design and long-term maintenance is required (15 pts). - o Provide stormwater management techniques as described above that provide at least 50% on-site mitigation (10 pts).	15		15
	o Engineer Comment	On-site storm water detention will be provided and the site will conform to the APWA Manual of Best Management Practices For Stormwater Quality.			
11	Parking Lot Landscaping	Increase the amount of parking lot landscaping area over the minimum required by at least 10% (5 pts per 10%) in overall square footage.	20		5
	o Engineer Comment	Provided 10% additional landscaping.			
12	Native and/or Drought-tolerant Landscaping	Provide native and/or drought-tolerant landscaping for all required landscape areas.	5		5
	o Engineer Comment	Included for this site.			
13	Water Recycling	50% of open space or recreation areas and all required landscaping shall be irrigated only with on-site gray water (10 pts) or with recycled water from a centralized recycling facility (5 pts). On residential lots this may include the use of rainwater collection through rain barrels or cisterns.	10		10
	o Engineer Comment	On-site gray water system is to manage the irrigation for this site.			
Energy					
Intent: Promote the design and construction of energy efficient buildings; reduce air, water, and land pollution from energy consumption; reduce the urban heat island effect; and encourage on-site renewable energy production.					
14	Solar Oriented Residential Development	To maximize the efficiency of solar panels and solar thermal heating and cooling devices, orient lots and/or streets for proper solar orientation as follows: o At least 50 percent of residential lots in the development shall be solar-oriented (5 pts). o At least 60 percent of the lineal footage of all streets in the development shall be solar oriented streets (5 pts).	10		10
	o Engineer Comment	All residential building will be solar ready but not installed.			
15	Solar Equipped/Solar Ready Homes	Residential development may be granted points for solar use/solar-readiness as follows: o Equip at least 50% of all dwellings in the development to be solar ready (10 pts). o Install a solar electric or solar hot water system to serve at least 50% of all dwellings in the development (10 pts).	20		20
	o Engineer Comment	All residential building will be solar ready but not installed.			
16	Safe Room	Safe rooms will be installed in Buildings 1, 3, 5, and the Community Center.	50		50
	o Engineer Comment				
17	Green Building Practices	Buildings must comply with the standards of one of the following certifications of a suitable equivalent such as certification by a qualified efficiency auditor: Energy Star, The National Green Building Standard, Green Globes, Enterprise Green Communities, IECC, or LEED. (10 pts per Building)	50		50
	o Engineer Comment	A qualified efficiency auditor is to determine this requirement.			
18	Locally-Sourced Materials	Use locally sourced (within 150 roadway miles, 200 airline miles, or 1000 railway miles) construction materials for at least 35% of project material requirements	10		10
	o Engineer Comment	All materials will be provided within the provided guidelines.			
19	Shade Structures -Covered Parking Spaces, Shaded Walkways, and Shaded Interior Streets	To reduce the heat island effect and enhance walkability for pedestrians, shade structures shall be provided as follows: o At least 50 percent of all off-street parking spaces shall be located under cover. Cover may be provided by a building, a deck, or a shade structure, or parking may be underground. Any cover, roof, or shade used for this requirement must have a minimum Solar Reflectance Index of 29 (30 pts). o Shaded sidewalks shall be provided along 100 percent of all building facades adjacent to or facing streets, outdoor gathering spaces, or parking areas (20 pts). o Incorporate solar application on top of a shade structure (20 pts).	50		30
	o Engineer Comment	Parking garage/carpools will be provided outside covered seating.			
20	Exterior Lighting	Reduce energy use and light pollution o Extinguishing lighting for all signage during hours when the business is not open to the public. (5 pts) o Using LED bulbs for all signage, parking lot, and security lighting (5 pts). o Operating parking lot and security lighting using solar-powered batteries (10 pts). Base exterior lighting requirements and guidelines are located in Article 7.	20		10
	o Engineer Comment	Lights will be turned off and LED bulbs will be used.			
21	Durable Materials	All buildings are constructed of stone, brick, integrally colored masonry or precast concrete.	10		5
	o Engineer Comment	Some building materials will satisfy this requirement.			
Waste Reduction and Recycling					
Intent: Encourage recycling of household and commercial waste project; reduce the amount of waste hauled to and disposed of in landfills; and promote the reuse of materials.					
22	Waste Management	Submit a comprehensive waste management plan for the management of construction wastes and wastes from the operation of the development once complete. o The plan shall emphasize reduction, reuse, and recycling of waste. o The plan shall prevent loss of soil during construction by runoff or wind erosion, sedimentation of storm sewer of receiving streams, and air pollution from dust or particulate matter. o Copies of the plan shall also be submitted with the application for development approval, and shall also be provided to all tenants.	5		5
	o Engineer Comment	A waste management plan will be submitted.			
23	Construction Waste Reduction	Submit documentation that at least 50% of non-hazardous construction and demolition debris has been recycled/salvaged.	5		5
	o Engineer Comment	Documentation will be provided.			
24	Recycling Stations and Kitchen Recycling	Incorporate recycling/re-use facilities to facilitate and encourage waste reduction: o Provide a centrally located recycling/re-use station for all residents and businesses that allows for sorting and storage of materials, including paper, glass, plastics, and metals (5 pts). o Design space in the kitchen to accommodate compost, garbage, and recycling bins and install appropriate receptacles for these three purposes in every dwelling unit (5 pts).	5		5
	o Engineer Comment	Recycling bins will be provided throughout the site and in the building.			
			300 points required.	Total=	330

Contr. Set

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