

Shelard Village

Type: Market-rate rental apartment building

Size: 125 units

Location: 400 Ford Road, St. Louis Park, MN 55426

Year built: 1979

Parking: 118 parking spaces in an underground parking garage and 100 in an outside lot

Website: www.shelardvillage.com

Description:

Shelard Village Apartment offers spacious, stylish and comfortable living in Saint Louis Park. The property is conveniently located just off I-169 and I-394, so it provides excellent commuting access for PEV owners working in downtown Minneapolis or on the west side of the Twin Cities.

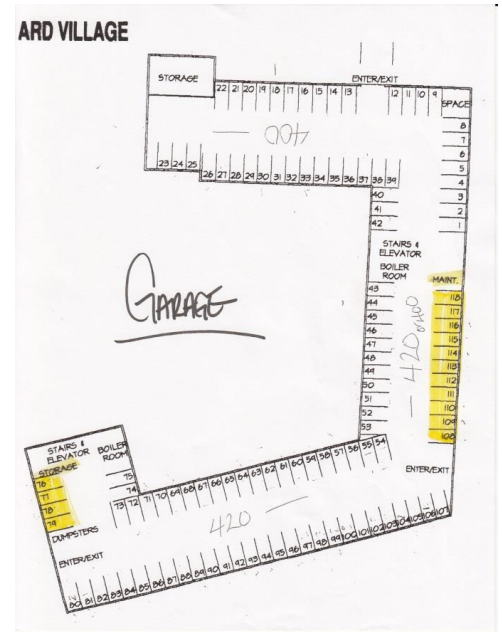


Parking:

Shelard Village has plenty of parking for their residents. Outside parking is free. Dedicated underground parking can be reserved on a monthly basis for \$50/month.

PEV Charging plans and infrastructure:

Shelard Village wants to install several Level 2 stations and Level 1 outlets, and to plan for further expansion, in order to make PEV charging available to their current and future residents. Their underground parking is well suited for charging infrastructure installations, since it has electrical rooms at both ends of the U-shaped parking area. Conduit runs will be relatively simple to parking spots 76 through 79 and 108 through 118. Shelard Village units are not separately metered, so it makes sense to provide the electricity for charging from common area breaker boxes, and there is room for new breakers in those boxes. If needed, Shelard Village can install separate sub meters to meter the electricity consumption of individual charging stations.



Shelard Village will also consider installing lockable covers for 120 volt outlets to prevent unauthorized usage, vandalism and charging unit/cord theft. 240V EVSEs could also be installed inside a lockable box, but since the underground parking is a secured area, Shelard Village is not planning to use those for the first installations.



MultiHousingCharging.com Case Report

Metering and billing:

Shelard Village will talk with vehicle owners and choose the right service level by using the MHC Decision Tools (see the Tools section at www.multihousingcharging.com). They are planning to set a monthly flat fee based on users' estimated driving needs for both 120 V outlets and for 240V EVSEs. If needed, Shelard Village can install submeters and use flat fee billing with annual submetering-based adjustment.

Purchase and ownership of EVSEs:

Shelard Village will purchase the Level 2 EVSEs and Level 1 outlets.

Installation cost sharing:

Shelard Village will install the Level 2 EVSEs and Level 1 outlets.

Signage and parking enforcement: Parking spots equipped with charging systems will be assigned to residents and parking enforcement will operate the same as with any other assigned parking space in the facility.

Insurance needs: There will be no extra insurance requirements for PEV owners.

Future expansion capability: There is adequate capacity for initial installations and some expansion. The limiting factor for future expansion will be the available capacity in the present breaker boxes.

Presently there is room for installation of up to 20 Level 2 EVSEs or 40 Level 1 outlets for PEV charging. When that limit is reached new breaker box will need to be installed to support additional charging infrastructure.

Public charging availability nearby: There is no public charging infrastructure nearby.

