CITY OF MARATHON, FLORIDA
Planning Department
9805 Overseas Hwy, Marathon, FL 33050
Phone (305) 743-0033 www.ci.marathon.fl.us

Requirements to Obtain a Permit for Pavers or Concrete

1. **Completed Building Permit Application**. Please make sure that you clearly indicate the type of construction and materials to be used, the proposed square footage of new construction, estimated cost of the construction, and real estate number of property, and the name and license number of the contractor (if applicable).

2. **Letter of Approval from the owner of the property** if the lessee desires to perform the work.

3. A **Recent Survey** of the property.

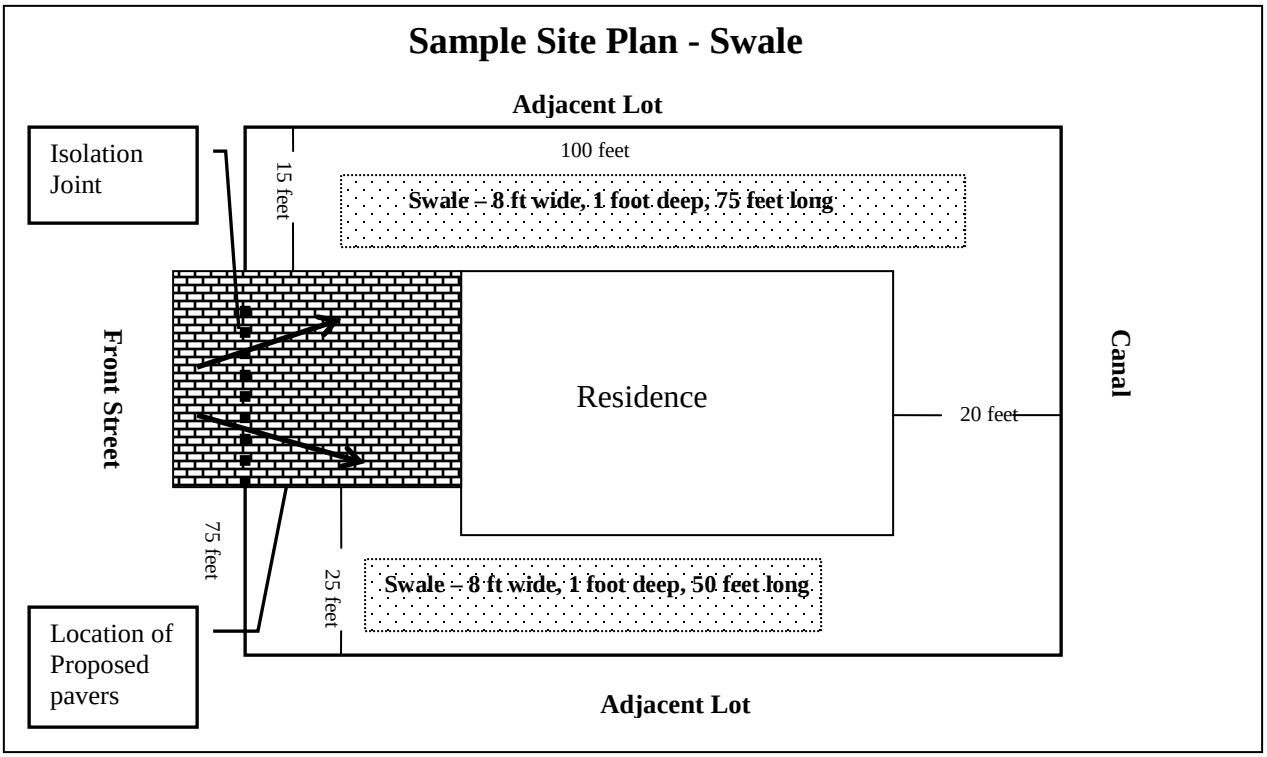
4. Three copies of a **Site Plan** showing the dimensions of the lot, all existing structures on the property, the location of the proposed construction, all setbacks and location of retention areas. Arrows should be included on the site plan indicating the direction that runoff will flow. A sample site plan is included in this package.

5. No pavers or concrete can be located within five (5) feet of side and rear property lines except for a walkway that can be no wider than five (5) feet. Any pavers placed on a parcel that is on a legally altered or unaltered shoreline must meet all shoreline accessory setbacks and open space requirements.

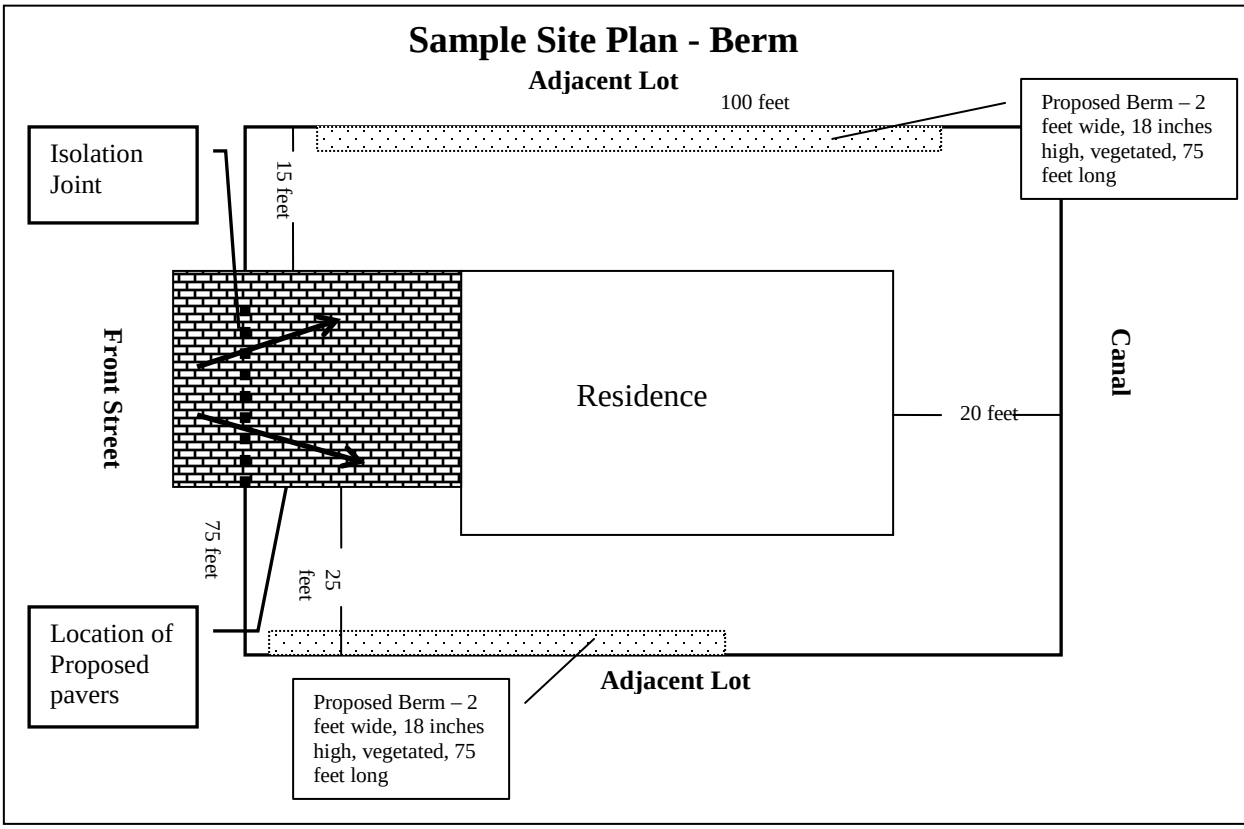
6. **Stormwater Retention Calculations** showing the amount of stormwater required to be retained on site from the proposed construction. All retention areas must also be shown on the submitted site plan. An applicant has the option of using swales or berms to retain stormwater on their property. Pavers should be sloped in such a way as to direct runoff towards retention areas. A stormwater retention calculation sheet is included in this packet as well as pictures of each retention method.
   Note: Any construction in the front or rear setback require that the entire parcel be brought into compliance with stormwater retention requirements.

7. If construction is proposed in the **City Right-of-Way**, please be aware of the following and make note as applicable on the submitted plans.
   a. A four-inch trench drain must be placed at the property line. If needed, the City may remove any construction in the Right-of-Way without notice or replacement.
   b. No less than a 2% slope back onto the property must be shown to direct any runoff away from the Right-of-Way and contained on site.

Sample Site Plan - Swale



Sample Site Plan - Berm



Permit Checklist
Pavers or Concrete

_____**Completed Building Permit Application**.

- Type of construction (i.e., brick pavers, concrete, asphalt, etc.)
- Square feet of construction
- Estimated cost
- Name of the contractor (if applicable)

_____**Letter of Approval from the owner of the property** (if applicable)

_____**Survey** (no older than 6 months)

_____**Site plan**

- Location of the proposed construction
- Location of stormwater retention area (swales or berms) and arrows showing that runoff is directed towards the retention areas on not adjacent properties or the road.
- *If proposed in the City Right-of-Way*, isolation joint and slope directing runoff back onto property

_____**Stormwater Retention Calculations**

CITY OF MARATHON, FLORIDA

Residential Stormwater Retention Calculation Sheet

Required Swale Volume:

- For a home with **no adjacent water bodies,** use:
  (Based on 1 inches of runoff for total lot area or project area)

_____	ft^2	X	0.08	=	0	ft^3
Total Lot Area					Swale Volume	

- For a home **discharging into Sensitive Receiving Water Bodies** i.e. Outstanding Florida Waters, bays, estuaries, nearshore waters, or canals use the following:
  (Based on 1.5 inches of runoff for total lot area or project area)

_____	ft^2	X	0.12	=	0	ft^3
Total Lot Area					Swale Volume	

Required Swale Volume for New Impervious Area Only (Existing Developments):

_____	ft^2	X	0.08	=	0	ft^3
New Impervious Area					Swale Volume	

Determine Swale Length:

_____	ft^3	/	_____	=	0	Linear feet
Swale Volume			Cross Sectional Area		Swale Length	

Notes

- All runoff shall be directed to proposed swale by gutters, detailed lot grading, or other approved methods.
- Minimum swale depth shall be 12 inches, with minimum side slope of 4:1.
- All swales shall be stabilized by gravel or grass.
- All disturbed areas on the property shall be stabilized.
- Project area is the total lot area less any wetland or conservation areas.

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