

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52

RESOLUTION 15-23

**A RESOLUTION OF THE CITY OF MARCO ISLAND,
FLORIDA APPROVING AND ADOPTING ARTIFICIAL OR
SYNTHETIC TURF STANDARDS AND SPECIFICATIONS
FOR APPROVAL, INSTALLATION, AND MAINTENANCE;
AND PROVIDING FOR AN EFFECTIVE DATE.**

WHEREAS, on March 2, 2015, the City Council of the City of Marco Island, Florida adopted Ordinance No.15-04 which permits the use of artificial and/or synthetic turf when approved by the City Manager or his/her designee.

WHEREAS, City Council directed the City Manager to establish applicable standards and specifications for the approval, installation, and maintenance of artificial or synthetic turf consistent with Ordinance No.15-04.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARCO ISLAND, FLORIDA:

SECTION 1. Recitals.

The foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true, correct and reflective of the legislative intent underlying this Resolution and are hereby made a specific part of this Resolution.

SECTION 2. Adoption.

The Synthetic turf standards and specifications for the approval, installation and maintenance as contained in this Resolution are hereby created and adopted as follows:

Article 1. Synthetic Turf

1. Synthetic turf.

- a. The use of artificial plants and surfaces painted to appear as plant material are prohibited in a landscaped area except as provided by this section.
- b. The use of synthetic turf on areas with a slope percentage greater than 5% shall not be permitted.
- c. Synthetic turf that complies with the following standards may be permitted:
 - I. Simulate the appearance of live turf, organic turf, grass, sod or lawn.
 - II. Be of a type known as cut pile infill with pile fibers a minimum height of 1.75 inches.
 - III. Minimum 75 ounces per square yard.
 - IV. Be manufactured from polyethylene monofilament, Dual Yarn System.
 - V. Be affixed to a permeable backing.
 - VI. Have a minimum 8-year "No Fade" warranty.
 - VII. Product must be lead free.
 - VIII. Product must be flame retardant.

- 53 d. The use of indoor or outdoor plastic or nylon carpeting as a replacement for natural
54 or synthetic turf shall be prohibited.
55
56 e. A material other than polyethylene monofilament may be approved by the City
57 Manager or his / her designee if the product has been certified to meet applicable
58 environmental and health regulations regarding lead content.
59
60 f. Use of Synthetic turf in the public right of way or swale is prohibited.
61
62 g. Turf shall not be treated as a fill in material, but rather as a planned element of the
63 landscape.
64

65 **2. Installation.**

- 66 a. Synthetic turf shall:
67
68 I. Be installed by a licensed professional pursuant to manufacturer's
69 requirements.
70 II. Be installed over a subgrade prepared to provide positive drainage and an
71 evenly graded mass of compacted, porous crushed rock aggregate material.
72 III. Be anchored at all edges and seams.
73
74 b. A drainage system shall be installed underneath the turf to prevent excessive runoff
75 or pooling.
76
77 c. Where multiple panels are used, the change from one panel to the next shall not be
78 readily visible and seams shall be joined in a tight and secure manner.
79
80 d. An infill medium consisting of clean silica sand or other approved mixture shall be
81 brushed into the fibers to ensure that the fibers remain in an upright position and to
82 provide ballast that will help hold the turf in place and provide a cushioning effect.
83
84 e. Areas of living plant material shall be installed or maintained in conjunction with the
85 installation of synthetic turf when utilized in the front yard area. Living plant material
86 shall include shrubs, vines, trees and groundcovers in separate planter areas and
87 tree wells.
88
89 f. Synthetic turf shall be separated from planter areas and tree wells by a concrete
90 mow strip, bender board, or other barrier with a minimum 3/8" thickness to prevent
91 the intrusion of living plant material into the synthetic turf areas.
92
93 g. Use of an irrigation system for non-active use turf shall be prohibited.
94
95 h. An existing irrigation system that will not be utilized for the synthetic turf may
96 remain, however, heads shall be removed and pipes shall be capped below ground.
97
98

99 **3. Maintenance.**

- 100
101 a. Synthetic turf shall be maintained in a green fadeless condition and free of weeds,
102 debris, tears, holes, and impressions.
103
104
105

106 b. Synthetic turf is prohibited in the public right-of-way and swales within the City of
107 Marco Island. The City, City employees or its contractors or Subcontractors are not
108 responsible to repair or replace any Synthetic Turf located within the public right-of-
109 way, swales or easements damaged as a result of an associated city project or
110 work order. Replacement of any synthetic turf material removed or damaged to
111 repair or maintain roadways or utilities in the public right-of-way, swales or
112 easements is the responsibility of the property owner and such repairs shall be
113 made within 30 days or result in a code compliance violation.

114
115 **4. Material Specifications and Plans.**

- 116
117 a. Materials specifications and plans shall be provided to the City Manager or his / her
118 designee for review and approval prior to the installation of the synthetic turf.
119
120 b. The submittal shall include:
- 121
122 I. A landscape plan showing the area of synthetic turf, area of living plant
123 material, and separation material between these areas.
 - 124 II. A dimensioned cross section of proposed materials and installation details,
125 including subgrade, drainage, base or leveling layer, and infill.
 - 126 III. Edge material and detail for treatment of seams.
 - 127 IV. Material description and specifications, including manufacturer, installer (with
128 contact information), and warranty information.

129
130 **SECTION 3. Effective Date.**

131
132 This Resolution shall be effective immediately upon adoption by the City Council.

133
134 The foregoing Resolution was adopted this 16th day of March 2015.

135 Attest:

136
137
138 
139 _____
140 Laura M. Litzan, City Clerk

CITY OF MARCO ISLAND, FLORIDA

141 BY: 
142 _____
143 Larry Sacher, Chairman

141 Approved as to form and legal sufficiency:

142
143
144 
_____ for Alan L. Gabriel, City Attorney

0

0

0