

September 17, 2019

Hope Center for Autism

STORMWATER STATEMENT

The Hope Center for Autism site is located on an existing developed lot, known as Lot 7, a 1.22 acre parcel within the 14.59 acre Willoughby Business Park. The project proposed to add approximately 1,900 square feet of imperviousness to the existing site to provide a bus drop-off loop for the project's students and additional parking area.

Runoff from Lot 7 is conveyed to the Willoughby Business Park (WBP) master drainage system. Per the WBP South Florida Water Management District Environmental Resource Permit (No. 43-01076-P), the WBP master system was designed to provide treatment and attenuation for eight future lots within the business park. The lots assumed to have up to 76% imperviousness. Each lot was required to obtain an Environmental Resource Permit modification prior to development.

Environmental Resource Permit No. 43-01076-P-04 was issued for the development of Lot 7. The permitted and proposed land use for Lot 7 is as follows:

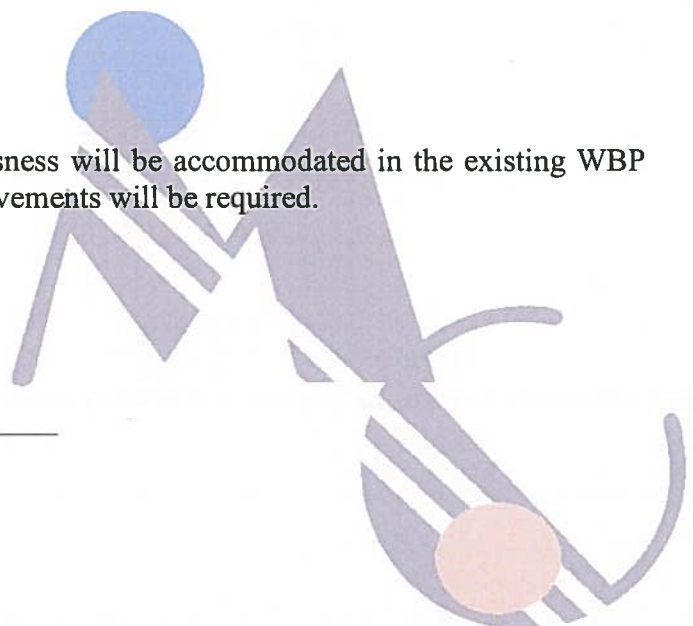
	Existing Permitted	Percentage	Proposed	Percentage
Building Coverage	0.33 Ac	27.0%	0.33 Ac	27.0%
Pavement	0.46 Ac	37.7%	0.50 Ac	41.0%
Pervious	0.43 Ac	35.2%	0.39 Ac	32.0%
Total	1.22 Ac	100%	1.22 Ac	100%

Existing Imperviousness: 64.7%
Proposed Imperviousness: 68.0%
Allowable Imperviousness: 76%

Therefore, the proposed additional imperviousness will be accommodated in the existing WBP master drainage system and no drainage improvements will be required.



Kenneth Rau
P.E. #77738
The MilCor Group, Inc. C.A. #28246
September 17, 2019



10975 SE
Federal Hwy
Hobe Sound
Florida
33455

Phone
772-223-8850
Fax
772-223-8851

Email
marketing@
themilcorgroup.
com

Web
www.
themilcorgroup.
com