



# Orange County Health Department

Environmental Health Division  
P.O. Box 8181, 306-C Revere Road  
Hillsborough, NC 27278  
Phone 919-245-2360 Fax 919-644-3006  
[www.co.orange.nc.us](http://www.co.orange.nc.us)

## IMPROVEMENT PERMIT

Parcel Pin: 9857555063  
Application Date: 06/17/2008  
TMBL: 2.38A..3  
Permit #: IP08-00252

Applicant: STEVENSON CARLOS  
Address: 20 GARDEN PL  
HEMPSTEAD NY  
11550-1129  
Phone: 516-565-0232 /  
Owner: STEVENSON CARLOS  
Address: 20 GARDEN PL  
HEMPSTEAD NY  
11550-1129  
Phone: /

Property Desc.: #13 WALKER'S LANDING P26/89  
Prop Address: LOT 13 WALKERS LANDING  
Permit Type: RESIDENTIAL NEW SYSTEM  
Facility Type: RES SFD Square Footage:  
Water Supply: PRIVATE WELL  
Lot Size(Acres): 0 0

### Initial System

Wasteflow : 360 GPD  
No. of Bedrooms: 3  
Site Classification  
**PROVISIONALLY SUITABLE**  
System Type: Pump System  
System Class: IIIb  
Useable Soil Depth: 38 "  
LTAR: 0.3 gpd/ft<sup>2</sup>

### Replacement System

System Type: Pump System  
System Class: IIIb  
Useable Soil Depth: 38 "  
LTAR: 0.3 gpd/ft<sup>2</sup>

### Conditions:

- 1: Upslope surface diversion.

*Refer to the attached site plan for specific information regarding location of the designated area. Soil and site descriptions are located on file at Environmental Health.*

*There may be other types of systems which are applicable to this site.*

*The applicant for the Construction Authorization must specify the system types to be considered.*

*The permit and evaluation are valid only for the site as designated on the attached site plan.*

*A Construction Authorization must be issued prior to the issuance of the Building Permit and before any construction or system installation can commence.*

*This permit is subject to revocation if the site plan, plat, or intended use changes or if the site is altered.*

*Subsequent changes to the site plan or information in the application requires a new application and additional fees.*

ISSUED: 08/05/2008

Environmental Health Specialist

EXPIRES: 08/05/2013

Parcel Pin: 9857555063

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Application Date: 06/17/2008

## Soil / Site Evaluation Field Sheet Activity #: IP08-00252

Applicant: STEVENSON CARLOS  
Address: 20 GARDEN PL  
HEMPSTEAD NY 11550-1129  
Prop Desc: #13 WALKER'S LANDING P26/89

Owner: STEVENSON CARLOS # Bedrooms Requested: 3  
Address: 20 GARDEN PL GPD requested: 360  
HEMPSTEAD NY 11550-1129 Lot Size: 0

### SOIL BORING PROFILE INFORMATION

Factors	Rule	1	2	3	4	5	6	7	8	9	10
Landscape Position	.1940	S	S	S	S						
Slope (%)	.1940	5%	5%	5%	3%						
Horizon 1 Depth	.1943	0-13	0-10	0-10	0-8						
Texture	.1941(a)(1)	s-cl	s-cl	s-cl	s-cl						
Consistence	.1941	f	f	f	f						
Structure	.1941(a)(2)	sf	sf	sf	sf						
Clay Mineralogy	.1941(a)(3)	se	se	se	cl						
Horizon 2 Depth	.1943	13-48	10-38	10-37	8-22						
Texture	.1941(a)(1)	cl	c	c	c						
Consistence	.1941	f	f	f	f						
Structure	.1941(a)(2)	shk	shk	shk	shk						
Clay Mineralogy	.1941(a)(3)	se	se	se	se						
Horizon 3 Depth	.1943			33-38	22-27						
Texture	.1941(a)(1)			c+s	c+s						
Consistence	.1941			f	f						
Structure	.1941(a)(2)			shk	shk						
Clay Mineralogy	.1941(a)(3)			se	se						
Horizon 4 Depth	.1943										
Texture	.1941(a)(1)										
Consistence	.1941										
Structure	.1941(a)(2)										
Clay Mineralogy	.1941(a)(3)										
Soil Wetness	.1942										
Restrictive Horizon	.1944										
Saprolite	.1943/1956	48"	38	38	27						
Useable Soil Depth		48	38	38	27						
Profile Classification	.1948	PS	PS	PS							
LTAR (gpd/ft <sup>2</sup> )	.1955	.3	.3	.3	.25						

Available Space	.1945	S
Site Classification	.1948	PS

\*Indicates Reclassified PS per .1956 .1957 .1969

Primary System LTAR	.3	System Type	IIIb	PS Soil Depth (in.)	38
Repair System LTAR	.3	System Type	IIIb	PS Soil Depth (in.)	38

Comments: BORING # 4 NOT USED; LAID OUT ~ 800 LF.  
UP-SLOPE SURFACE DIVERSION

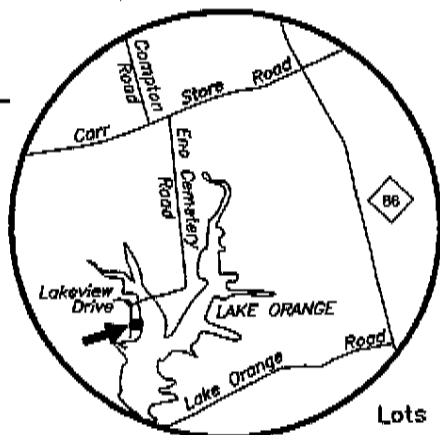
Evaluated By: DOK Date: 7-30-08 Others Present: D. WHITE, J. PATEL

REC'D 7-22-08

2-38A..3

**- NOT FOR RECORDATION OR CONVEYANCE -**

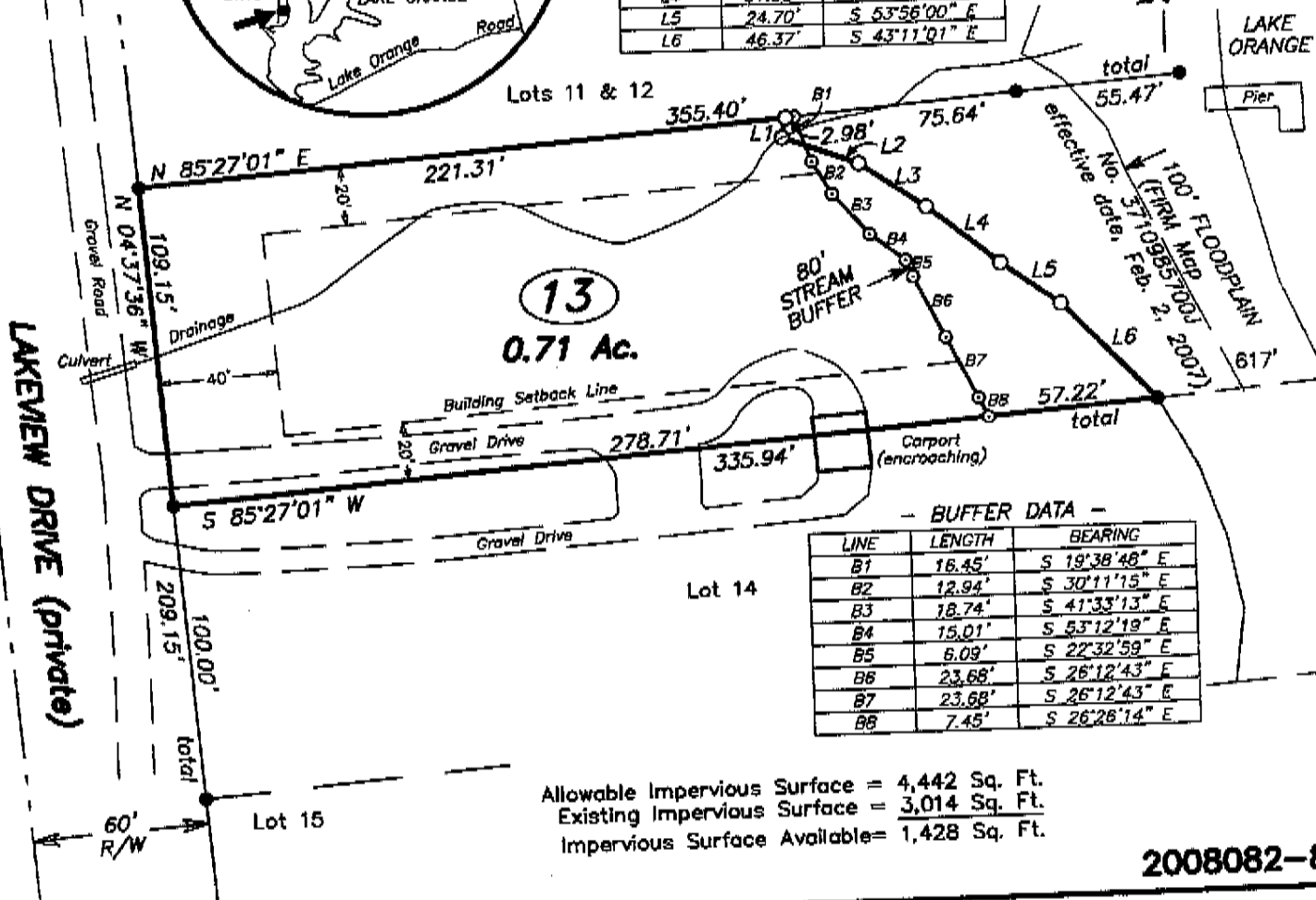
**VICINITY MAP**



SEE PLAT: WALKER'S LANDING  
"PB 26, Page 89

**- BOUNDARY DATA -**

LINE	LENGTH	BEARING
L1	6.85'	S 11°50'44" W
L2	27.59'	S 69°36'17" E
L3	27.23'	S 55°32'40" E
L4	31.38'	S 51°15'54" E
L5	24.70'	S 53°56'00" E
L6	46.37'	S 43°11'01" E



**- BUFFER DATA -**

LINE	LENGTH	BEARING
B1	16.45'	S 19°38'48" E
B2	12.94'	S 30°11'15" E
B3	18.74'	S 41°33'13" E
B4	15.01'	S 53°12'19" E
B5	6.09'	S 22°32'59" E
B6	23.68'	S 26°12'43" E
B7	23.68'	S 26°12'43" E
B8	7.45'	S 26°26'14" E

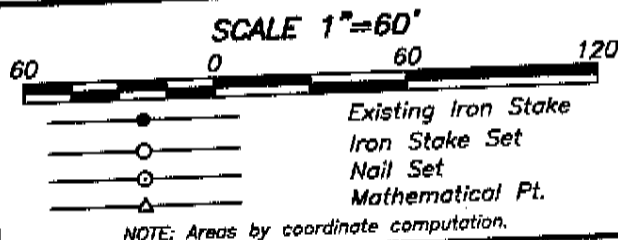
Allowable Impervious Surface = 4,442 Sq. Ft.  
Existing Impervious Surface = 3,014 Sq. Ft.  
Impervious Surface Available = 1,428 Sq. Ft.

2008082-81

**PHYSICAL SURVEY**

PROPERTY OF  
**Carlos Stevenson**

CEDAR GROVE TOWNSHIP  
ORANGE COUNTY  
NORTH CAROLINA  
JULY 16, 2008



NOTE: This survey was performed for the express and exclusive purpose of showing the physical relationship between the property boundaries and the improvements thereon.

I, Steve F. Yuhasz, L-2793, certify that this plat was drawn from an actual field survey performed under my direction and supervision that meets or exceeds the requirements of a Class A survey in accordance with the Standards of Practice for Land Surveys in the state of North Carolina. Witness my hand and seal this 18th day of July, 2008.

*Steve F. Yuhasz*  
Land Surveyor



**ENT**  
*Land Surveys, Inc.*  
225 S. Churton St., Hillsborough, NC  
732-6262

