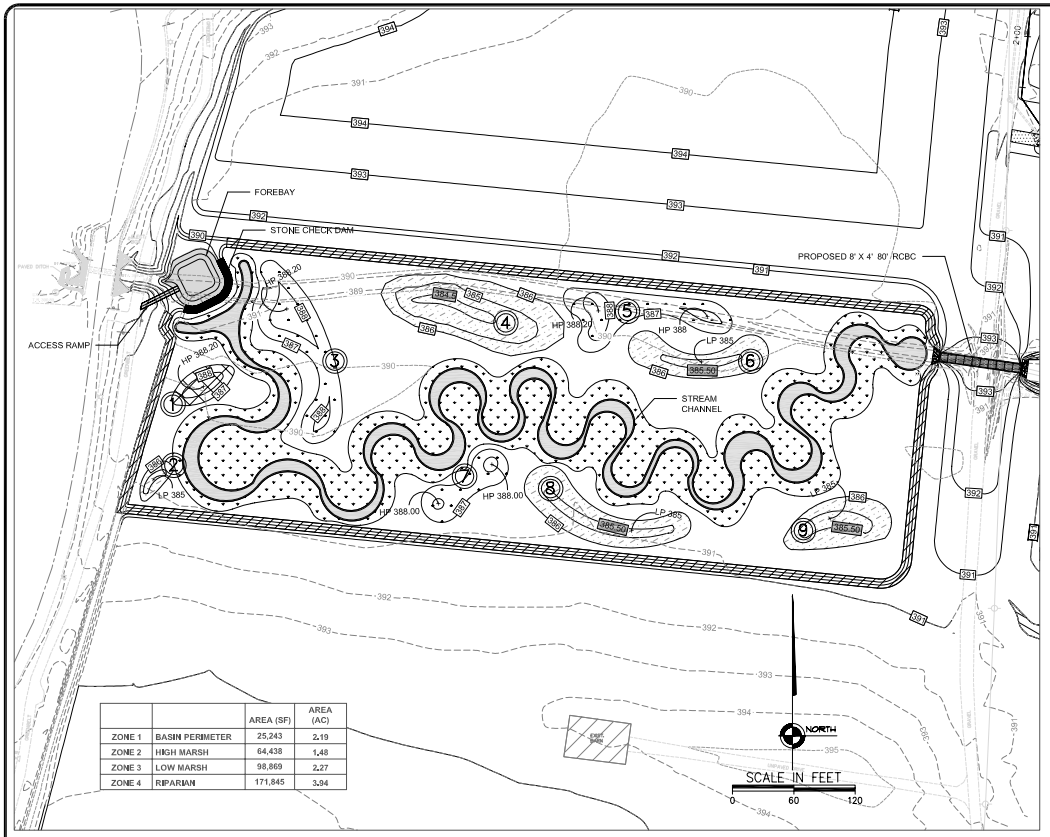


		AREA (SF)	AREA (AC)
ZONE 1	BASIN PERIMETER	25,243	2.19
ZONE 2	HIGH MARSH	64,438	1.48
ZONE 3	LOW MARSH	98,869	2.27
ZONE 4	RIPARIAN	171,845	3.94

388 EXISTING ELEVATION

393 PROPOSED ELEVATION

PROPOSED CHANNEL

SAND BAR

BASIN PERIMETER

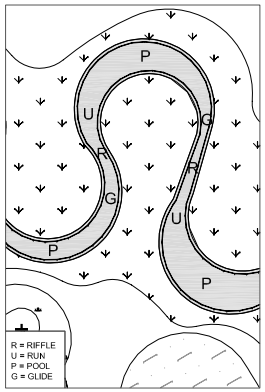
HIGH MARSH

LOW MARSH EPHEMERAL WETLAND

STREAM RIPARIAN

WETLAND RIPARIAN

PLAN VIEW - WETLAND #1



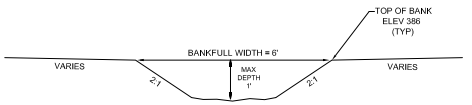
LOCATION OF STREAM CHANNEL UNITS
TYPICAL PLAN VIEW

DIMENSIONS OF WETLAND FEATURES			
NUMBER	FEATURE	LENGTH (ft)	WIDTH (ft)
1	SAND BAR	65	32
2	EPHEMERAL WETLAND	43	21
3	HIGH MARSH	178	34
4	EPHEMERAL WETLAND	182	63
5	HIGH MARSH	157	12
6	EPHEMERAL WETLAND	137	25
7	HIGH MARSH	93	17
8	EPHEMERAL WETLAND	170	31
9	EPHEMERAL WETLAND	108	55
10	EPHEMERAL WETLAND	154	29
11	EPHEMERAL WETLAND	96	35
12	EPHEMERAL WETLAND	108	60
13	EPHEMERAL WETLAND	140	37
14	EPHEMERAL WETLAND	114	60
15	EPHEMERAL WETLAND	79	23
16	EPHEMERAL WETLAND	362	67
17	EPHEMERAL WETLAND	127	28
18	SAND BAR	207	107
19	EPHEMERAL WETLAND	115	39
20	EPHEMERAL WETLAND	154	79

LENGTHS (FT)

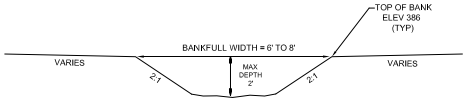
	MIN.	MAX.
RIFFLE	6	12
RUN	10	15
POOL	30	45
GLIDE	20	25

PROPOSED CHANNEL SECTION DIMENSIONS



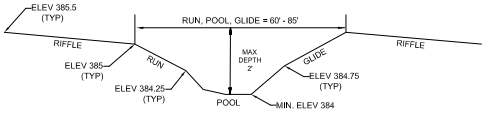
TYPICAL RIFFLE SECTIONS

NOT TO SCALE



TYPICAL POOL SECTIONS

NOT TO SCALE



TYPICAL STREAM PROFILE (MINIMAL GRADIENT CHANGE)

NOT TO SCALE

PLANT SOURCES

The following sources are recommended for obtaining plants:

Kentucky Department of Fish and Wildlife Resources Salato Native Plant Nursery
Mary Carol Cooper
1 Sportsman's Lane
Frankfort, KY 40601
Telephone: (502) 564-5280
http://fw.ky.gov/pdf/nativeplantsalefall07.pdf

Roundstone Native Seed and Nursery
9764 Raider Hollow Rd.
Union, KY 42784
Telephone: (270)531-5853 or (270)531-3034
www.roundstoneseed.com

Kentucky Division of Forestry
http://www.forestry.ky.gov/seedling

JF New
http://www.jfnew.ca

Dropseed Native Plant Nursery
13930 Brush Run Rd.
Louisville, KY 40299
Telephone: (502) 439-9033
E-mail: jeff@dropseednursery.org
www.dropseednursery.org/contact.html

Shooting Star Nursery
160 Soards Road
Georgetown, KY 40324
Phone: 502-867-7979
Fax: 502-867-7677
Email: shootingstarnursery@msn.com
www.shootingstarnursery.com

cdpengineers
3250 Blazer Pkwy Lexington KY 40509 | 859.264.7500 | 859.264.7501

SCALE	AS SHOWN
DESIGNED BY	JEN/JELB
DRAWN BY	JEN
CHECKED BY	JEN/SGC
PROJECT NO	07027
DATE	APRIL 2009
CADD DWG ID	

REVISION: BY: DATE:

CITY OF OWENSBORO
101 EAST FOURTH STREET
OWENSBORO, KY
42303

WETLAND PLAN #1

DEVINS DITCH SEPARATION PROJECT
OWENSBORO, KY

SHEET
WP-1