

Owner Name: _____
Project Name: _____
Project Address: _____

Detention Pond Maintenance Plan

Year 1

- 1) Detention Basin should be monitored monthly to ensure that sufficient vegetation has been established. Eliminate invasive plants at the soonest possible time. Hand weeding and pruning is the preferred method for removing invasive plants, however spot applications of appropriate herbicides may be utilized. Determination of herbicide use and application should only be completed by certified applicators and all manufacturer's recommendations must be followed.
- 2) Monitor the basin following rain events to ensure that it drains completely within a 72-hour period, or per the design specifications. If the basin does not drain as designed, identify the cause. Corrective measures may be necessary to mitigate drainage issues.
- 3) Mowing should be conducted on a routine basis to control the growth of invasive species. During the first year, vegetation should be mowed no shorter than 6" and mowing activities should be conducted prior to the maturation of invasive species into seed form. Mowing activities should not be conducted during wet conditions.
- 4) Inspect inlet and outlet structures on a monthly basis to ensure proper function.

Year 2 and Beyond

- 1) Mowing should be conducted on a routine basis to control the growth of invasive species. Vegetation should be mowed no shorter than 4" and mowing activities should be conducted prior to the maturation of invasive species into seed form. Mowing activities should not be conducted during wet conditions.
- 2) Monitor the basin on a routine basis for overall performance. If basin does not drain within a 72-hour period or per the design specifications, identify the cause. Consult with the design engineer if necessary to perform corrective actions.
- 3) Conduct annual inspection of basin to identify erosion/instability issues, evidence of animal burrowing, excessive vegetation growth, accumulations of trash/debris, drainage issues, mechanical failures, and excessive accumulations of sediment. Complete maintenance inspection checklist and retain on file.
- 4) Perform any necessary maintenance activities to ensure that the basin continues to function according to the original design specifications.

5. THE SUBJECT PROPERTY LIES WITHIN ZONE "X", AS SCALED ON FLOOD INSURANCE RATE MAP NUMBER 48039C0040I, MAP REVISED SEPTEMBER 22, 1999. THIS INFORMATION IS FOR FLOOD INSURANCE PURPOSES ONLY AND WILL NOT IDENTIFY ANY SPECIFIC POSSIBLE FLOODING HAZARDS.

ELEV: 53.72 NAVD 88, 2001 ADJUSTMENT



B.C.D.R.	BRAZORIA COUNTY DEED RECORDS.
B.C.P.R.	BRAZORIA COUNTY PLAT RECORDS.
FILE	FLOW LINE ELEVATION
No	NUMBER
O.P.R.B.C.Tx.	OFFICIAL PUBLIC RECORDS OF BRAZORIA COUNTY TEXAS
PG	PAGE
RCP	REINFORCED CONCRETE PIPE
R.O.W.	RIGHT OF WAY
VOLUME	VOLUME

LETTER	SPECIES	DIAMETER OF TRUNK
A	UNKNOWN	11"
B	UNKNOWN	12"
C	UNKNOWN	12"
D	OAK	7"
E	UNKNOWN	22"
F	UNKNOWN	18"

SCOTT R. SHERIDAN
REGISTERED PROFESSIONAL LAND SURVEYOR, No. 6171

FMS
SURVEYING, INC.

ESTABLISHED 1978

OF

**LOT 6, OF CENTENNIAL PLACE, AN
ADDITION TO BRAZORIA COUNTY,
TEXAS, ACCORDING TO THE MAP OR
PLAT RECORDED IN VOLUME 15,
PAGE 271 OF THE PLAT RECORDS OF
BRAZORIA COUNTY, TEXAS.**