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 moved 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.

2. THE LOCATION OF ALL IMPROVEMENTS INCLUDING UTILITIES SHOULD BE FIELD VERIFIED BY ALL APPLICABLE CONTRACTORS BEFORE ANY AND ALL CONSTRUCTION MAY COMMENCE. THE LOCATION OF UNDERGROUND UTILITIES WAS NOT WITHIN THE SCOPE OF THIS TOPOGRAPHIC SURVEY.

IMPROVEMENTS SHOWN HEREON ARE FOR REFERENCE ONLY.

3. THE ELEVATIONS SHOWN HEREON ARE BASED ON BRAZORIA COUNTY DRAINAGE DISTRICT No. 4, BENCHMARK No. M-16. BEING A BRASS DISK STAMPED "BRAZORIA DRAINAGE DISTRICT No. 4 BM No. M-16" SET ON THE DOWNSTREAM SIDE OF A CONCRETE BRIDGE AT COUNTY ROAD 107C (ARNOLD ROAD) AND MARY'S CREEK PRONG, NORTH SIDE OF COUNTY ROAD 107C, IN KEYMAP PAGE 614W NEAR UNIT B100-00-00, WITH A PUBLISHED ELEVATION OF 53.67 NAVD 88, 2001 ADJUSTMENT.

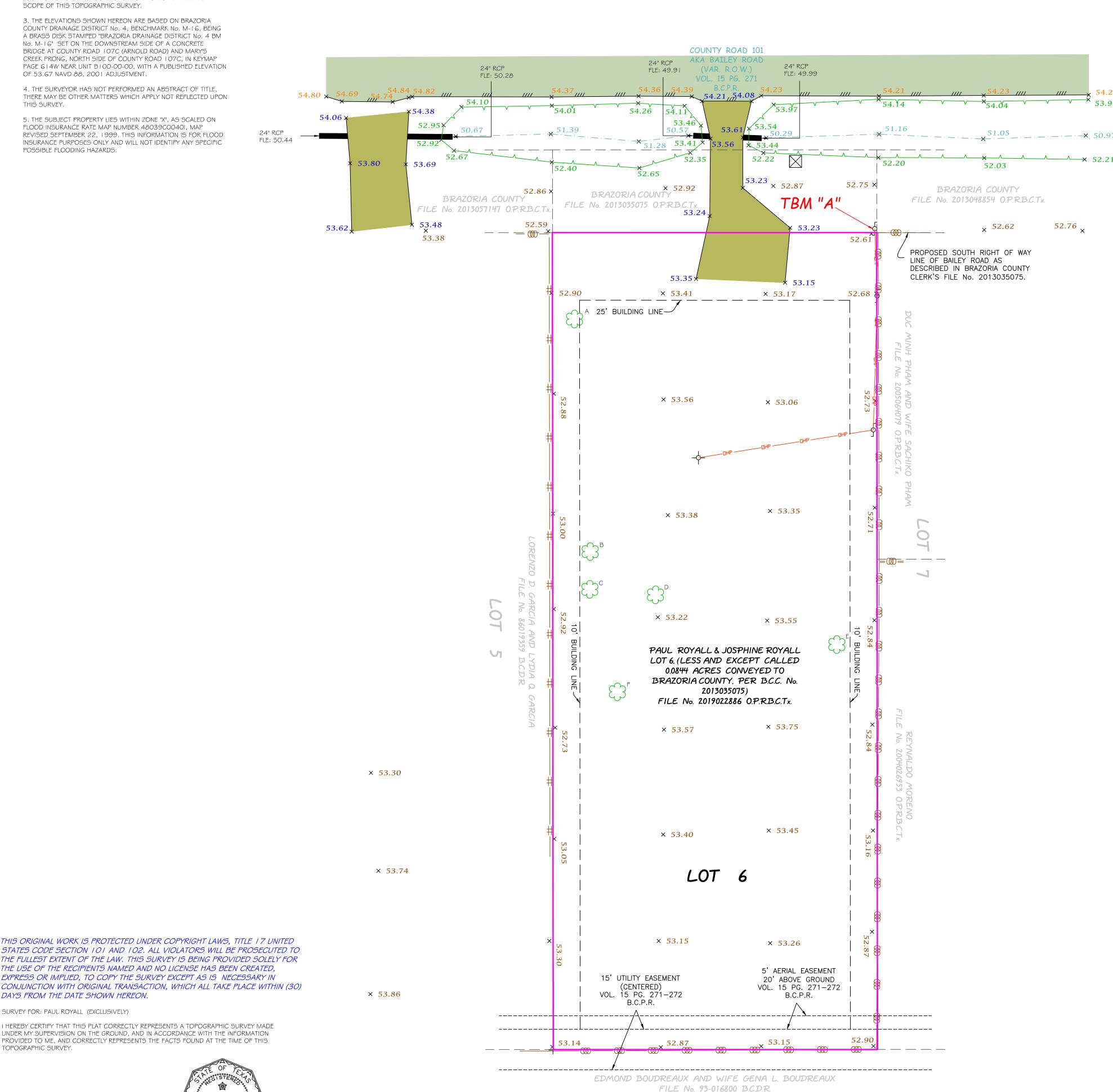
4. THE SURVEYOR HAS NOT PERFORMED AN ABSTRACT OF TITLE, THERE MAY BE OTHER MATTERS WHICH APPLY NOT REFLECTED UPON THIS SURVEY.

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.

TBM "A"

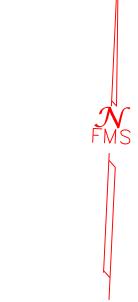
TEMPORARY BENCHMARK "A" IS A 60 D NAIL SET IN A POWER POLE, NEAR THE NORTHEAST CORNER OF SUBJECT PROPERTY.

ELEV: 53.72 NAVD 88, 2001ADJUSTMENT



LOT 8

EXHIBIT "A"



FMS JOB No. 59849 DATE: JUNE 18, 2019

LEGEND

SCALE: 1"=20'

		APPROXIMATE SUBJECT BOUNDARY LINE. CHAIN LINK FENCE. HOG WIRE FENCE.
———— ОНІ	P ————————————————————————————————————	OVERHEAD POWER LINES.
TEXT		EDGE OF ASPHALT ELEVATION.
TEXT		EDGE OF GRAVEL ELEVATION.
TEXT		FLOW LINE OF DITCH ELEVATION.
TEXT		GRADE ELEVATION.
TEXT		TOP OF BANK ELEVATION.
-\-\-\		METER POLE.
φ.		POWER POLE.
<u> </u>		T-POST.
\bigvee .		UTILITY BOX.
	•••••••	UNCOVERED ASPHALT.
		UNCOVERED GRAVEL.

ABBREVIATIONS

VOL • • • • • VOLUME

B.C.D.R. ••••• BRAZORIA COUNTY DEED RECORDS. B.C.P.R. • • • • • BRAZORIA COUNTY PLAT RECORDS. FLE ••••• 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

TREE TABLE				
LETTER	SPECIES	DIAMETER OF TRUNK		
А	UNKNOWN	1.1"		
В	UNKNOWN	12"		
С	UNKNOWN	12"		
D	OAK	7"		
Ē	UNKNOWN	22"		
F	UNKNOWN	18"		

TOPOGRAPHIC SURVEY

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.**

SURVEYOR: F.M.S. SURVEYING 19701 STATE HIGHWAY 6, MANVEL, TEXAS 77578

CONTACT: JASON P. SHERIDAN PHONE: (281) 519-8530, EXT. 102 TBPLS FIRM # 10040400 www.fmssurveying.com DRAFTING: RC





SCOTT R. SHERIDAN

DAYS FROM THE DATE SHOWN HEREON.

SURVEY FOR: PAUL ROYALL (EXCLUSIVELY)

TOPOGRAPHIC SURVEY.