

Monday, January 12, 2026

Michael Turzillo
EHRA Engineering
10011 Meadowglen Lane
Houston, TX 77042
mturzillo@ehra.team

Re: Ellwood Detention Reserve "E" Phase 2 Preliminary Plat
Letter of Recommendation to Approve
COIC Project No. 7475
Adico, LLC Project No. 710-25-002-060

Dear Mr. Turzillo:

On behalf of the City of Iowa Colony, Adico, LLC has reviewed the second submittal of the Ellwood Detention Reserve "E" Phase 2 Preliminary Plat, received on or about January 13, 2026. The review of the plan is based on the City of Iowa Colony Subdivision Ordinance dated August 2002, and as amended.

Based on our review, we have no objection to the preliminary plat as resubmitted on January 13, 2026. Please provide ten (10) prints of the plat to Kayleen Rosser, City Secretary, by no later than Tuesday, January 27, 2026, for consideration at the February 3, 2026, Planning and Zoning meeting.

Should you have any questions, please do not hesitate to call our office.

Sincerely,
Adico, LLC


Dinh V. Ho, P.E.
TBPE Firm No. 16423

Cc: Rachel Patterson
Kayleen Rosser
File: 710-25-002-060

GENERAL NOTES:

- Bearing orientation is based on the Texas State Plane Coordinate System of 1983, South Central Zone as determined by GPS measurements.
- The Coordinates shown herein are Texas South Central Zone No. 4204 state plane grid coordinates (NAD 83) and may be brought to surface by applying the following scale factor: 0.99986742185.
- According to the Federal Emergency Management Agency Flood Insurance Rate Map, Brazoria County, Texas, Community Panel No.480300120K, dated December 30, 2020, the property lies within Zone AE. Shaded Zone X and Unshaded Zone X.
- The flood statement does not imply that the property or structures thereon will be free from flooding or flood damage. On the contrary, the property or structures thereon may be inundated by man-made or natural causes. The location of the flood zone was determined by scaling from said FEMA map. The actual location, as determined by elevation contours, may differ. Emminster, Hinshaw, Russ & Associates, Inc. d/b/a EHRA, assumes no liability as to the accuracy of the location of the flood zone limits. This flood statement shall not create liability on the part of Emminster, Hinshaw, Russ & Associates, Inc. d/b/a EHRA.
- B.C.C.F. indicates Brazoria County Clerk's File.
B.L. indicates Building Line.
D.E. indicates Drainage Easement.
E.P. indicates Easement of Public Access Easement.
M.H. indicates Manhole.
P.G. indicates Page.
P.P. indicates Permanent Access Easement.
P.P.B. indicates Point of Beginning.
P.U.E. indicates Public Utility Easement.
P.P. indicates Power Pole.
P.R. indicates Private.
R indicates Radius.
R.O.W. indicates Right-Of-Way.
S.S.C. indicates Sanitary Sewer Control.
S.E. indicates Sanitary Easement.
S.T.M.S.E. indicates Storm Sewer Easement.
S.T.M.S.E. indicates Storm Sewer Easement.
U.E. indicates Utility Easement.
VOL. indicates Volume.
W.L. indicates Water Line Easement.
X indicates change in street name.

- The property subdivided in the foregoing plat lies in Brazoria County, the City of Iowa Colony, Brazoria County M.U.D. No. 57, and Brazoria County Drainage District #5.
- Property within the boundaries of this plat and adjacent to any drainage easement, ditch, gully, creek, or natural drainage way shall hereby be restricted to keep such drainage ways and easements clear of fences, buildings, plantings, and other obstructions.
- The plat is subject to the Rally 288 West PUD Ordinance No. 2022-09 and as amended.
- Contour lines shown herein are based on the NGS Benchmark E 306 being noted hereon.
- Preliminary, this document shall not be recorded for any purpose and shall not be used or viewed or relied upon as a final survey document.

- The approval of the preliminary plat shall expire twelve (12) months after City Council approval of the final plat shall have been submitted for final approval during that time. An extension of time may be given at the discretion of the City Council for a single extension period of six (6) months.
- Drainage plans to be provided prior to final plat submittal.

- Owners do hereby certify that they are the owners of all property immediately adjacent to the boundaries of the property in the foregoing subdivision of Ellwood Det "E" Phase 1. The property shown above and to the west of the property to be subdivided are to be established outside the boundaries of the above and foregoing subdivision and do hereby make and establish all building setback lines and dedicate to the use of the public, all public utility easements shown in said adjacent acreage.

- Final plats are subject to the conditions and approval of the General Plan and adjacent plats.
- Reserve "E-2" will be owned and maintained by Brazoria County M.U.D. No. 57. and Reserve "A", except as it pertains to CenterPoint utilities.

BRAZORIA COUNTY DRAINAGE DISTRICT NO. 5 NOTES:

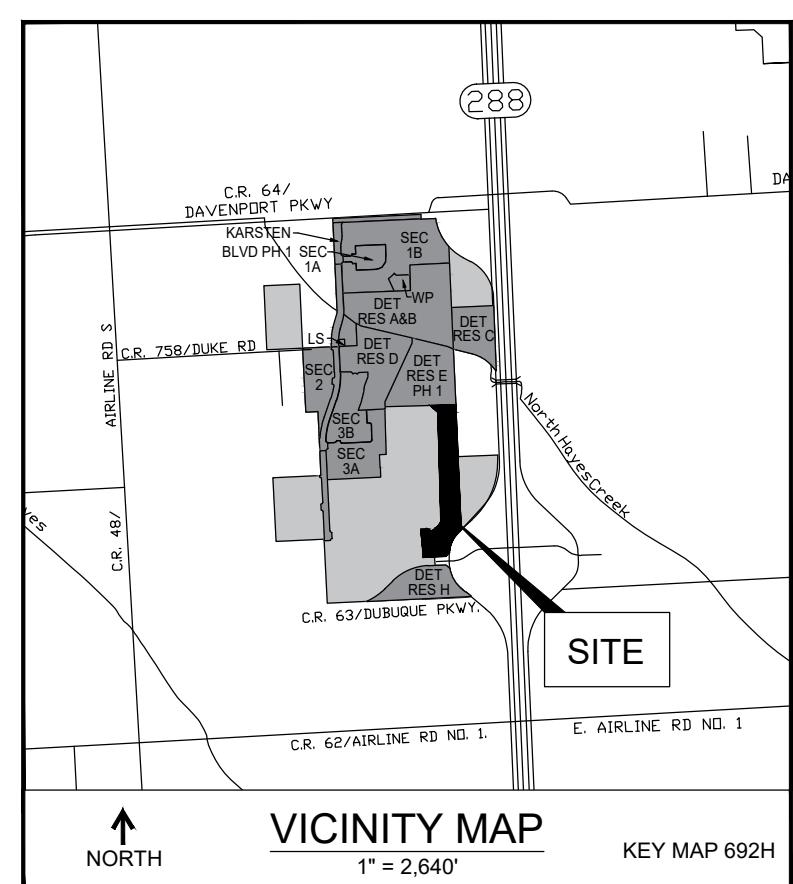
- All drainage easements shown hereon shall be kept clear of fences, buildings, plantings and other obstructions to the operation and maintenance of drainage facilities.
- All property shall drain into the drainage easement only through an approved drainage structure.
- All drainage easements and detention pond reserves shown on this plat, will be maintained by the property owners and/or business owners; provided, however, and governmental entity have jurisdiction, including, without limitation, Brazoria County, Texas and Brazoria County Drainage District #5, shall have the right, but not the obligation to enter upon the drainage easements to perform maintenance operations at any time after the date hereof.
- The property identified in the foregoing plat lies within Brazoria County Drainage District #5.
- This rural subdivision employs a natural drainage system, which is intended to provide drainage for the subdivision that is similar to that which existed under pre-development conditions. Thus, during large storm events, ponding of water should be expected to occur in the subdivision to the extent it may have prior to development, but such ponding should not remain for an extended period of time.
- Land use within the subdivision is limited to an average imperviousness of no more than 72 percent. The drainage and/or detention system has been designed with the assumption that this average percent, imperviousness will not be exceeded. If this percentage is to be exceeded, a replat and/or redesign of the system may be necessary.
- Other than shown hereon, there are no pipeline easements or pipelines within the boundaries of this plat.
- All storm water drainage pipes, culvert, tiles or other (includes driveway culverts) will be minimum 24" I.D. or equal.
- Dedicated drainage easement(s) granted to Brazoria County Drainage District #5 for drainage maintenance purposes shall include 45 feet top of bank, the sum (footage) of both ditch side slopes and channel bottom and 45 feet of bank on the opposite bank.
- Dedicated ingress/egress accesses are granted to Brazoria County Drainage District #5 (see Resolution No. 2007-06 & 2007-07). Access will be gated and locked with Brazoria County Drainage District #5's lock.
- Prohibited use of "metal" pipe in storm water/sewer applications (See District Resolution No. 2007-08).
- Prohibited use of "rip rap" in storm water/sewer applications. (District Policy).
- Pipelines, utility lines and other crossing under any Brazoria County Drainage District #5 ditch require approval and permitting prior to construction.
- All dedicated storm water drainage and/or access easements to be granted to Brazoria County Drainage District #5 by the property owner will be initialed and recorded, at the property owner's expense, in Brazoria County, Texas with a "Recorded Document Number" affixed to said easement prior to final approval granted by Brazoria County Drainage District #5 Board of Commissioners.
- It will be the property owner's responsibility to verify if any Brazoria County Drainage District #5 "Dedicated" drainage easements are on or cross their property. If so, the property owner will comply as stated within the recorded easement.
- Project field start-up will start within 365 calendar days from date shown here. Continuous and reasonable field site work is expected. See Brazoria County drainage criteria manual section 1, Introduction; Sub-Section 1.5, Plat and Plan approval process, and drainage acceptance procedures; time limit for approval and Brazoria County Drainage District #5 Resolution 2011-1, allowable time(s) and procedures for starting-up approved projects.

LAND USE TABLE

PLAT	SF - 60's	SF - 50's	COMM.	INST.	ARTERIALS & COLLECTORS	PARKS & OPEN SPACE	TOTAL
BCMUD NO. 57 LIFT STATION NO. 3	-	-	-	0.18 AC.	-	-	0.18 AC.
BCMUD NO. 57 WATER PLANT	-	-	-	1.34 AC.	-	-	1.34 AC.
DAVENPORT PKWY. ST. DEDICATION	-	-	-	-	1.48 AC.	-	1.48 AC.
ELLWOOD RECREATION RESERVE	-	-	-	-	-	1.77 AC.	1.77 AC.
ELLWOOD DETENTION RESERVES 'A' AND 'B'	-	-	9.11 AC.	-	-	-	24.76 AC. 24.76 AC.
ELLWOOD DETENTION RESERVE 'C'	-	-	-	-	-	-	9.11 AC.
ELLWOOD DETENTION RESERVE 'D'	-	-	-	-	-	-	15.10 AC. 15.10 AC.
ELLWOOD DETENTION RESERVE 'E' PH 1	-	-	-	-	-	-	15.29 AC. 15.29 AC.
ELLWOOD DETENTION RESERVE 'E' PH '2'	-	-	-	-	-	-	14.12 AC. 14.12 AC.
ELLWOOD DETENTION RESERVE 'F'	-	-	-	-	0.48 AC.	9.55 AC.	10.01 AC.
ELLWOOD DETENTION RESERVE 'H'	-	-	-	-	-	9.33 AC.	9.33 AC.
ELLWOOD KARSTEN BLVD. PH. 1 ST. DEDICATION	-	-	-	-	1.58 AC.	-	1.58 AC.
ELLWOOD KARSTEN BLVD. PH. 2 ST. DEDICATION	-	-	-	-	2.12 AC.	0.34 AC.	2.46 AC.
ELLWOOD KARSTEN BLVD. PH. 3 ST. DEDICATION	-	-	-	-	2.82 AC.	0.03 AC.	2.85 AC.
ELLWOOD KARSTEN BLVD. PH. 4 ST. DEDICATION	-	-	-	-	2.39 AC.	0.04 AC.	2.43 AC.
ELLWOOD SECTION 1A	0.44 AC.	1.72 AC.	-	-	-	1.29 AC.	3.45 AC.
ELLWOOD SECTION 1B	3.89 AC.	11.35 AC.	-	-	-	7.58 AC.	22.82 AC.
ELLWOOD SECTION 2	-	4.82 AC.	-	-	-	3.40 AC.	8.22 AC.
ELLWOOD SECTION 3A	7.86 AC.	-	-	-	-	3.03 AC.	10.89 AC.
ELLWOOD SECTION 3B	7.92 AC.	-	-	-	-	2.08 AC.	10.00 AC.
ELLWOOD SECTION 4A	8.35 AC.	4.53 AC.	-	-	-	8.65 AC.	21.53 AC.
TOTAL	28.46 AC.	22.42 AC.	9.11 AC.	1.52 AC.	10.85 AC.	116.36 AC.	188.72 AC.
	(14.1%)	(11.9%)	(4.8%)	(0.8%)	(5.7%)	(61.7%)	(100%)

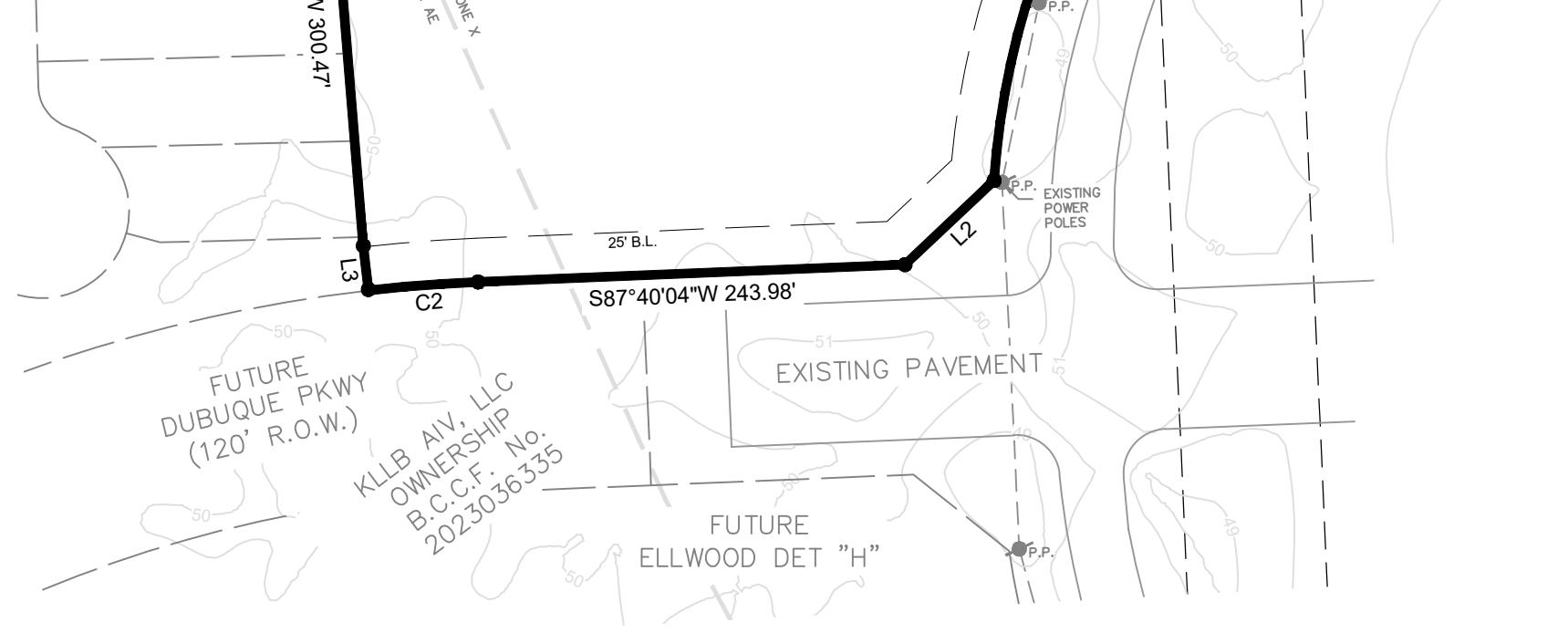
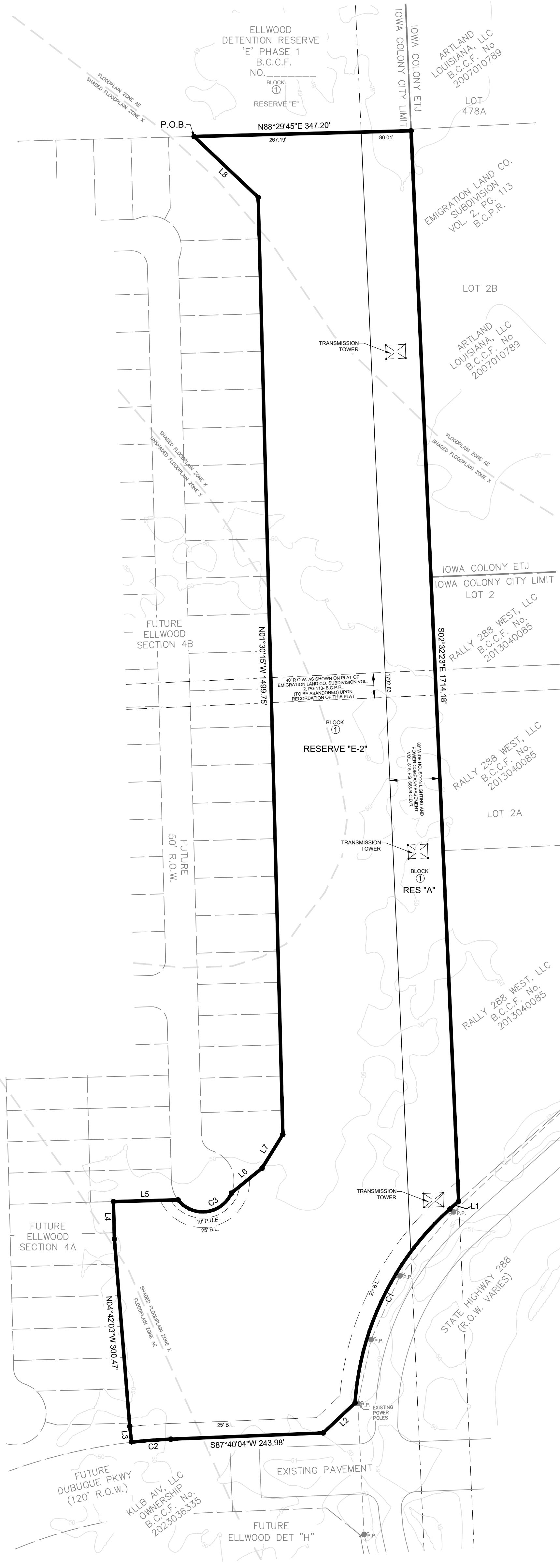
1) THIS TABULATES THE LAND USES WITHIN EACH PLAT FOR ZONING PURPOSES. NOT THE PERMITTED USES WITHIN EACH LAND USE.

2) THIS TABLE INCLUDES ALL PRELIMINARY PLATS SUBMITTED AT THIS TIME.



VICINITY MAP

KEY MAP 692H



RESERVE TABLE			
RESERVE	RESTRICTIONS	SQ. FT.	ACREAGE
E-2	DETENTION, LANDSCAPE, OPEN SPACE, RECREATION & UTILITY PURPOSES	474,634.99	10.90
A	LANDSCAPE, OPEN SPACE & UTILITY PURPOSES	140,053.92	3.22
		TOTAL	614,688.99
			14.12

LINE TABLE

LINE	BEARING	DISTANCE
L1	S48°10'46"W	18.83'
L2	S46°37'32"W	69.92'
L3	N08°33'56"W	25.67'
L4	N01°30'15"W	60.07'
L5	N88°29'45"E	103.49'
L6	N50°50'46"E	63.29'
L7	N31°36'58"E	63.29'
L8	N46°30'15"W	141.42'

CURVE TABLE

CURVE	RADIUS	BEARING	CHORD	LENGTH
C1	458.37'	N26°03'17"E	345.27'	354.00'
C2	860.00'	N85°34'35"E	62.77'	62.78'
C3	50.00'	S82°46'08"W	85.93'	103.39'

PARKLAND TABLE

PLAT		ACREAGE
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 57 LIFT STATION NO. 3		0.00 AC.
BRAZORIA COUNTY MUNICIPAL UTILITY DISTRICT NO. 57 WATER PLANT		0.00 AC.
DAVENPORT PARKWAY STREET DEDICATION		0.00 AC.
ELLWOOD DETENTION RESERVES 'A' AND 'B'		1.66 AC.
ELLWOOD DETENTION RESERVE 'C'		0.00 AC.
ELLWOOD DETENTION RESERVE 'D'		1.36 AC.
ELLWOOD DETENTION RESERVE 'E' PHASE 1'		0.96 AC.
ELLWOOD DETENTION RESERVE 'E' PHASE 2'		1.69 AC.
ELLWOOD DETENTION RESERVE 'F'		0.00 AC.
ELLWOOD DETENTION RESERVE 'H'		0.00 AC.
ELLWOOD KARSTEN BOULEVARD PHASE 1 STREET DEDICATION		0.00 AC.
ELLWOOD KARSTEN BOULEVARD PHASE 2 STREET DEDICATION		0.00 AC.
ELLWOOD KARSTEN BOULEVARD PHASE 3 STREET DEDICATION		0.00 AC.
ELLWOOD KARSTEN BOULEVARD PHASE 4 STREET DEDICATION		0.00 AC.
ELLWOOD RECREATION RESERVE		1.77 AC.
ELLWOOD SECTION 1A (10 LOTS)		0.51 AC.
ELLWOOD SECTION 1B (62 LOTS)		0.37 AC.
ELLWOOD SECTION 2 (26 LOTS)		0.47 AC.
ELLWOOD SECTION 3A (38 LOTS)		0.42 AC.
ELLWOOD SECTION 3B (39 LOTS)		0.