BENCHMARK:
Top of 1" Iron 12" Deep, E1/4 Cor.,
Sec. 27, Twp. 27-S, R-2-W.
Elev. = 209.13 (City Datum)

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

Sta. 15+23.79 - P.C.C. Match Line

Sta. 16+58.66

P.V.I. Elev. = 222.30 79.80' V.C.

Sta. 16+97.54 = ℄ Hendryx Ct.

Sta. 17+36.13

Sta. 17+22, 27' Lt.
Install Std. D3 (SNS) Ass'y
as per City Specs
" Hendryx " &
" Hendryx Court "
" " "
(See Detail, Sheet 2)

Iron @ Sta. 17+20.21, 35' Lt.

Valve Box Elev.=224.70

Sta. 18+20.07 - P.R.C.

P.V.I. Elev. = 220.50 45.78' V.C.

Sta. 19+50.00 - P.V.I.

P.V.I. Elev. = 213.10 69.68' V.C.

Sta. 22+65.16 - P.T.

Sta. 25+65, 22' Lt.
Install Std. D3 (SNS) Ass'y
as per City Specs
" Hendryx W " &
" 151st St. S "
(See Detail, Sheet 2)

Construct 6" Gravel Drive Approach

Install 60 L.F. 24" R.C.P. w/ End Sections. Regrade Area as Necessary for Proper Drainage. Cost of Regrading to be Included in Pipe Cost.

Install 8.0 S.Y. Light Stone Rip Rap as Shown

SE Cor., NE 1/4
Sec. 27, T-27-S, R-2-W

Sta. 25+65.50, 22' Rt.
Install R1-1 (Stop) Sign
(See Detail, Sheet 2)

Sta. 25+65.14
End Construction of 6" A.C. Pavement w/ 5" Reinf. Rock Base

Iron @ Sta. 25+64.90, 35' Rt.

Sta. 25+65.14 - P.C.C.

Sta. 26+15.14 = C-151st. St. West

Install 62.7 L.F. 24" C.M.P. w/ End Sections.

Construct 6" A.C. Pvm't w/5" Reinf. Rock Base (See Detail, Sheet 8.)

Remove Trees Only as Necessary For Construction. Trim as Necessary to Salvage Tree Row. Cost to be Included in Bid Item "Site Clearing & Restoration"

HENDRYX C.T.

HENDRYX

EXCEPTION RESERVE "A"

Proposed Pond

S.L. Reece Forms Estates

UNPLATTED

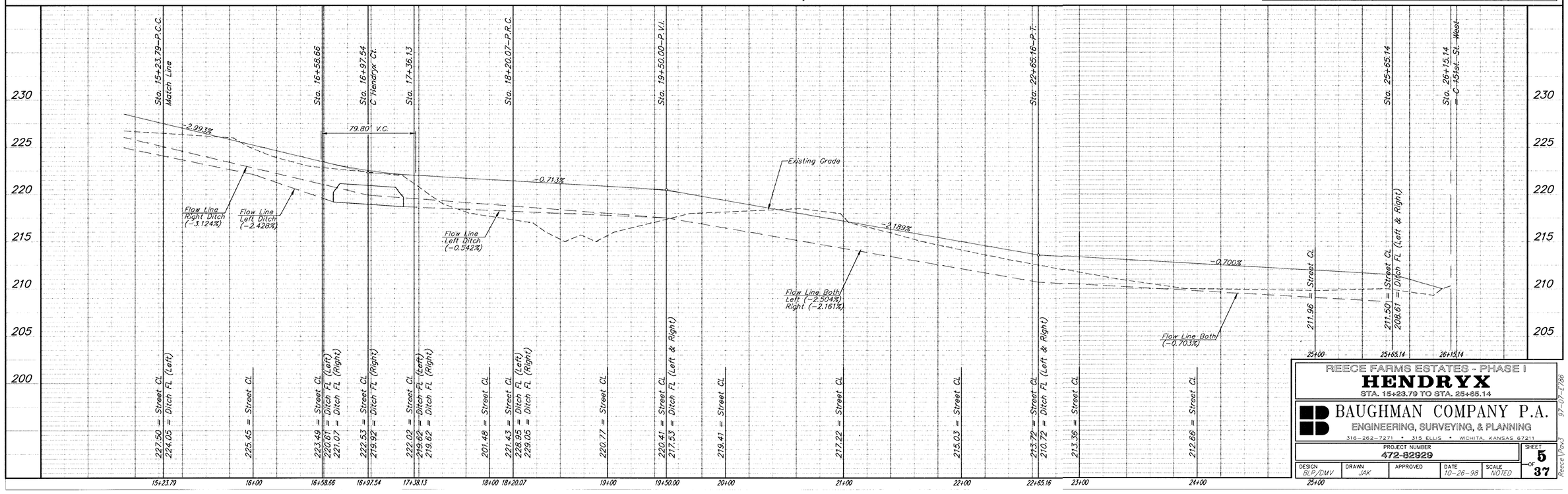
Existing Tree Row

Curve #5
Curve Data Based on Centerline
Rad. = 485' Delta = 35°00'05" Tangent = 152.93'
Arc = 296.28' L.C. = 291.70' Def/Ft. = 3.54409 Min.

Station	Arc	CHORD LENGTHS 12' Lt.	12' Rt.	Defl.	T. Defl.
15+23.79	–	–	–	0°00'00"	0°00'00"
15+50.00	26.21'	26.86'	25.56'	1°32'53"	1°32'53"
15+75.00	25.00'	25.62'	24.38'	1°28'37"	3°01'30"
16+00.00	25.00'	25.62'	24.38'	1°28'36"	4°30'06"
16+25.00	25.00'	25.62'	24.38'	1°28'36"	5°58'42"
16+50.00	25.00'	25.62'	24.38'	1°28'36"	7°27'18"
16+58.86	8.86'	9.08'	8.64'	0°31'24"	7°58'42"
16+75.00	16.14'	16.54'	15.73'	0°57'12"	8°55'54"
17+00.00	25.00'	25.62'	24.38'	1°28'36"	10°24'30"
17+25.00	25.00'	25.62'	24.38'	1°28'36"	11°53'06"
17+36.13	11.13'	11.41'	10.83'	0°39'27"	12°32'33"
17+50.00	13.87'	14.21'	13.50'	0°49'09"	13°21'42"
17+75.00	25.00'	25.62'	24.38'	1°28'37"	14°50'19"
18+00.00	25.00'	25.62'	24.38'	1°28'36"	16°18'55"
18+20.07	20.07'	20.57'	19.57'	1°11'08"	17°30'03"

Curve #6
Curve Data Based on Centerline
Rad. = 340' Delta = 75°00'18" Tangent = 260.91'
Arc = 445.09' L.C. = 413.98' Def/Ft. = 5.05549 Min.

Station	Arc	CHORD LENGTHS 12' Lt.	12' Rt.	Defl.	T. Defl.
18+20.07	–	–	–	0°00'00"	0°00'00"
18+25.00	4.93'	4.76'	5.10'	0°24'55"	0°24'55"
18+50.00	25.00'	24.11'	25.88'	2°06'23"	2°31'19"
18+75.00	25.00'	24.11'	25.88'	2°06'23"	4°37'42"
19+00.00	25.00'	24.11'	25.88'	2°06'23"	6°44'05"
19+25.00	25.00'	24.11'	25.88'	2°06'23"	8°50'28"
19+50.00	25.00'	24.11'	25.88'	2°06'24"	10°56'52"
19+75.00	25.00'	24.11'	25.88'	2°06'23"	13°03'15"
20+00.00	25.00'	24.11'	25.88'	2°06'23"	15°09'38"
20+25.00	25.00'	24.11'	25.88'	2°06'23"	17°16'01"
20+50.00	25.00'	24.11'	25.88'	2°06'24"	19°22'25"
20+75.00	25.00'	24.11'	25.88'	2°06'23"	21°28'48"
21+00.00	25.00'	24.11'	25.88'	2°06'23"	23°35'11"
21+25.00	25.00'	24.11'	25.88'	2°06'23"	25°41'34"
21+50.00	25.00'	24.11'	25.88'	2°06'24"	27°47'58"
21+75.00	25.00'	24.11'	25.88'	2°06'23"	29°54'21"
22+00.00	25.00'	24.11'	25.88'	2°06'23"	32°00'44"
22+25.00	25.00'	24.11'	25.88'	2°06'23"	34°07'07"
22+50.00	25.00'	24.11'	25.88'	2°06'24"	36°13'31"
22+65.16	15.16'	14.62'	15.69'	1°16'38"	37°30'09"



REECE FARMS ESTATES - PHASE I

HENDRYX

STA. 15+23.79 TO STA. 25+65.14

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER				SHEET
472-82929				5 OF 37
DESIGN	DRAWN	APPROVED	DATE	SCALE
BLP/DMV	JAK		10-26-98	NOTED

97-07-2766
Reece Pod3
F:\ENG\REECE\PAV3.DWG