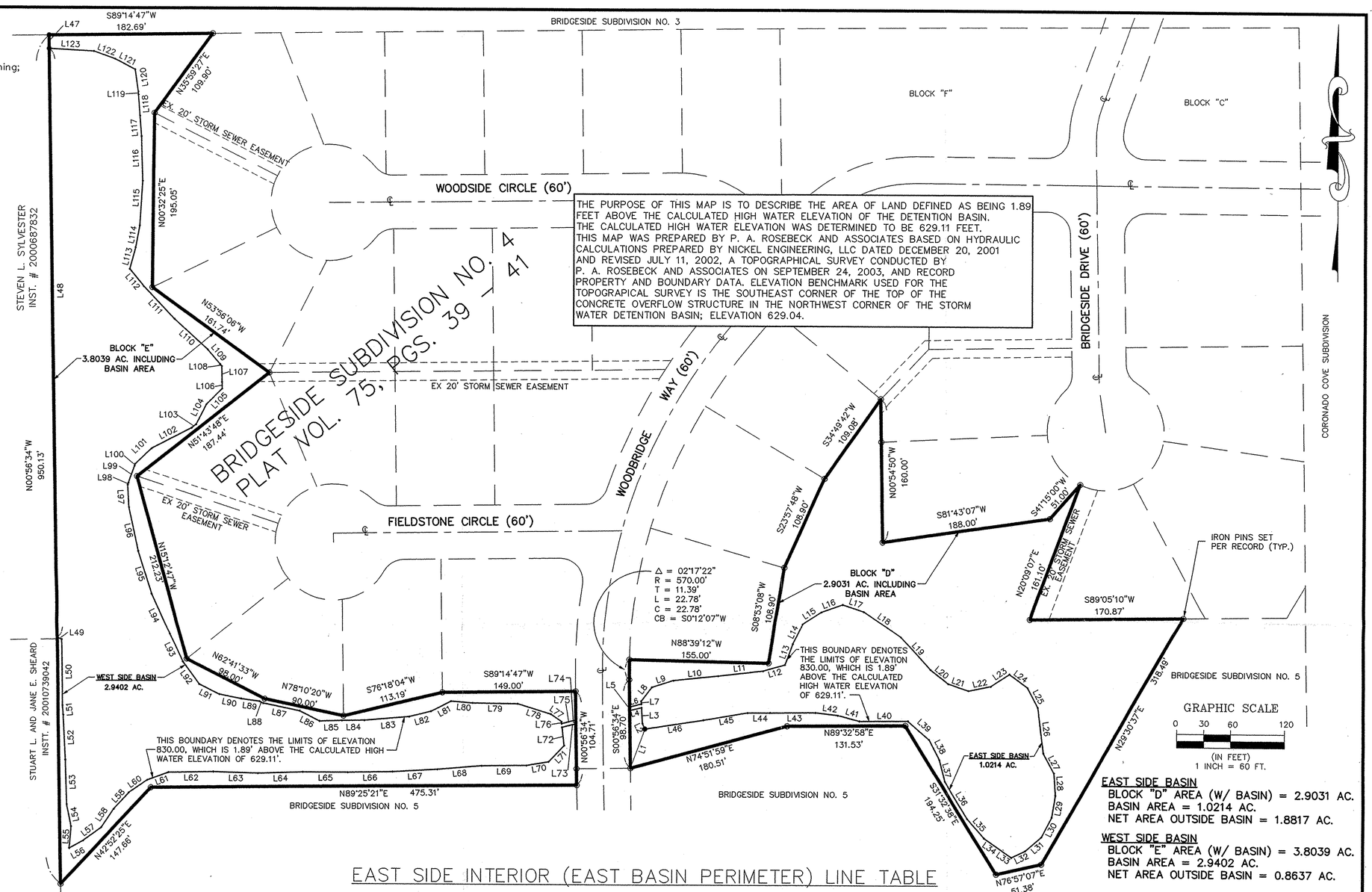
WEST SIDE INTERIOR (WEST BASIN PERIMETER) LINE TABLE

L47 – South 00°56'34" East along the Westerly subdivision line of said Bridgeside Subdivision Number 4 and the westerly line of Block "E", a distance of 15.04 feet to a point, said point being the principal place of beginning;
L48 – Thence South 00°56'34" East along the Westerly subdivision line of said Bridgeside Subdivision Number 4 and the westerly line of Block "E", a distance of 659.39 feet to a point;
L49 – Thence South 70°12'49" East, a distance of 5.35 feet to a point;
L50 – Thence South 00°56'34" East, a distance of 74.36 feet to a point;
L51 – Thence South 05°17'19" East, a distance of 10.61 feet to a point;
L52 – Thence South 02°40'53" East, a distance of 50.00 feet to a point;
L53 – Thence South 01°56'40" East, a distance of 50.00 feet to a point;
L54 – Thence South 11°06'28" East, a distance of 25.00 feet to a point;
L55 – Thence South 04°40'44" West, a distance of 24.69 feet to a point;
L56 – Thence North 60°33'59" East, a distance of 17.62 feet to a point;
L57 – Thence North 53°49'46" East, a distance of 25.00 feet to a point;
L58 – Thence North 34°01'52" East, a distance of 25.00 feet to a point;
L59 – Thence North 42°30'03" East, a distance of 25.00 feet to a point;
L60 – Thence North 55°14'35" East, a distance of 25.00 feet to a point;
L61 – Thence North 69°50'33" East, a distance of 25.00 feet to a point;
L62 – Thence North 89°09'00" East, a distance of 50.00 feet to a point;
L63 – Thence South 88°06'44" East, a distance of 50.00 feet to a point;
L64 – Thence North 88°05'44" East, a distance of 50.00 feet to a point;
L65 – Thence South 89°51'39" East, a distance of 50.00 feet to a point;
L66 – Thence North 88°53'30" East, a distance of 50.00 feet to a point;
L67 – Thence North 86°42'03" East, a distance of 50.00 feet to a point;
L68 – Thence North 85°10'03" East, a distance of 50.00 feet to a point;
L69 – Thence North 89°17'41" East, a distance of 50.00 feet to a point;
L70 – Thence North 80°09'28" East, a distance of 25.00 feet to a point;
L71 – Thence North 43°40'37" East, a distance of 25.00 feet to a point, said point also being a point on the face of the Southwesterly concrete wingwall of a concrete box culvert passing under Woodbridge Way (60 feet), said culvert having an opening of 4 feet wide and 8 feet tall;
L72 – Thence North 06°14'53" West along the face of the Westerly culvert wingwall and headwall, a distance of 20.59 feet to a point at the Southwesterly opening of the concrete box culvert;
L73 – Thence North 75°57'49" East along the Southerly interior face of the said concrete box culvert, a distance of 15.83 feet to a point; said point being in the Westerly right of way line of the aforementioned Woodbridge Way, said point also being in the Easterly line of the aforementioned Block "E";
L74 – Thence North 00°56'34" West within the said concrete box culvert and along the aforementioned westerly right of way line of Woodbridge Way and Easterly line of the aforementioned Block "E", a distance of 4.11 feet to a point on the Northerly interior face of the said concrete box culvert;
L75 – Thence South 75°57'49" West along the Northerly interior face of the said concrete box culvert, a distance of 16.21 feet to a point, said point being at the Northwesterly opening of the said concrete box culvert;
L76 – Thence North 06°14'53" West along the face of the Westerly culvert headwall, a distance of 2.17 feet to a point;
L77 – Thence North 55°20'25" West along the face of the Westerly culvert wingwall, a distance of 14.55 feet to a point;
L78 – Thence North 72°52'33" West, a distance of 38.72 feet to a point;
L79 – Thence North 89°15'55" West, a distance of 50.00 feet to a point;
L80 – Thence North 85°42'43" West, a distance of 25.00 feet to a point;
L81 – Thence South 62°44'19" West, a distance of 25.00 feet to a point;
L82 – Thence South 75°45'58" West, a distance of 25.00 feet to a point;
L83 – Thence South 85°12'39" West, a distance of 50.00 feet to a point;
L84 – Thence South 89°01'02" West, a distance of 25.00 feet to a point;
L85 – Thence South 88°18'03" West, a distance of 25.00 feet to a point;
L86 – Thence North 63°19'11" West, a distance of 25.00 feet to a point;
L87 – Thence North 78°10'20" West, a distance of 41.68 feet to a point;
L88 – Thence North 62°41'33" West, a distance of 4.61 feet to a point;
L89 – Thence North 82°07'43" West, a distance of 20.54 feet to a point;
L90 – Thence North 78°31'23" West, a distance of 25.00 feet to a point;
L91 – Thence North 63°36'19" West, a distance of 25.00 feet to a point;
L92 – Thence North 35°55'26" West, a distance of 31.20 feet to a point;
L93 – Thence North 24°43'27" West, a distance of 34.60 feet to a point;
L94 – Thence North 24°37'54" West, a distance of 49.78 feet to a point;
L95 – Thence North 17°12'11" West, a distance of 50.00 feet to a point;
L96 – Thence North 11°52'46" West, a distance of 50.15 feet to a point;
L97 – Thence North 03°25'44" West, a distance of 25.00 feet to a point;
L98 – Thence North 19°38'41" East, a distance of 2.53 feet to a point;
L99 – Thence North 19°38'41" East, a distance of 20.00 feet to a point;
L100 – Thence North 19°38'41" East, a distance of 2.47 feet to a point;
L101 – Thence North 46°07'53" East, a distance of 25.00 feet to a point;
L102 – Thence North 62°40'43" East, a distance of 50.00 feet to a point;
L103 – Thence North 51°43'48" East, a distance of 6.60 feet to a point;
L104 – Thence North 27°13'32" East, a distance of 25.00 feet to a point;
L105 – Thence North 44°57'49" East, a distance of 25.00 feet to a point;
L106 – Thence North 01°04'14" West, a distance of 7.32 feet to a point;
L107 – Thence North 01°04'14" West, a distance of 17.68 feet to a point;
L108 – Thence North 40°17'46" West, a distance of 3.01 feet to a point;
L109 – Thence North 40°17'46" West, a distance of 21.99 feet to a point;
L110 – Thence North 47°24'00" West, a distance of 50.00 feet to a point;
L111 – Thence North 43°20'16" West, a distance of 50.00 feet to a point;
L112 – Thence North 39°18'55" West, a distance of 25.00 feet to a point;
L113 – Thence North 14°51'22" East, a distance of 25.00 feet to a point;
L114 – Thence North 10°37'43" East, a distance of 25.00 feet to a point;
L115 – Thence North 03°47'05" East, a distance of 50.00 feet to a point;
L116 – Thence North 01°53'05" West, a distance of 50.00 feet to a point;
L117 – Thence North 04°20'00" West, a distance of 23.13 feet to a point;
L118 – Thence North 04°20'00" West, a distance of 23.41 feet to a point;
L119 – Thence North 04°20'00" West, a distance of 3.46 feet to a point;
L120 – Thence North 08°30'57" West, a distance of 25.00 feet to a point;
L121 – Thence North 62°05'00" West, a distance of 25.00 feet to a point;
L122 – Thence North 70°32'49" West, a distance of 25.39 feet to a point;
L123 – Thence North 86°47'52" West, a distance of 50.00 feet to a point.



THE PURPOSE OF THIS MAP IS TO DESCRIBE THE AREA OF LAND DEFINED AS BEING 1.89 FEET ABOVE THE CALCULATED HIGH WATER ELEVATION OF THE DETENTION BASIN. THE CALCULATED HIGH WATER ELEVATION WAS DETERMINED TO BE 629.11 FEET. THIS MAP WAS PREPARED BY P. A. ROSEBECK AND ASSOCIATES BASED ON HYDRAULIC CALCULATIONS PREPARED BY NICKEL ENGINEERING, LLC DATED DECEMBER 20, 2001 AND REVISED JULY 11, 2002, A TOPOGRAPHICAL SURVEY CONDUCTED BY P. A. ROSEBECK AND ASSOCIATES ON SEPTEMBER 24, 2003, AND RECORD PROPERTY AND BOUNDARY DATA. ELEVATION BENCHMARK USED FOR THE TOPOGRAPICAL SURVEY IS THE SOUTHEAST CORNER OF THE TOP OF THE CONCRETE OVERFLOW STRUCTURE IN THE NORTHWEST CORNER OF THE STORM WATER DETENTION BASIN; ELEVATION 629.04.

EAST SIDE BASIN
BLOCK "D" AREA (W/ BASIN) = 2.9031 AC.
BASIN AREA = 1.0214 AC.
NET AREA OUTSIDE BASIN = 1.8817 AC.

WEST SIDE BASIN
BLOCK "E" AREA (W/ BASIN) = 3.8039 AC.
BASIN AREA = 2.9402 AC.
NET AREA OUTSIDE BASIN = 0.8637 AC.

EAST SIDE INTERIOR (EAST BASIN PERIMETER) LINE TABLE

L1 – North 20°08'31" East, a distance of 46.49 feet to the principal place of beginning;
L2 – Thence North 24°44'49" West, a distance of 6.51 feet to a point, said point also being a point on the face of the Southeasterly concrete headwall of a concrete box culvert passing under Woodbridge Way (60 feet), said culvert having an opening of 4 feet wide and 8 feet tall;
L3 – Thence North 03°34'53" West, along the face of the Easterly culvert headwall, a distance of 17.72 feet to a point at the Southeasterly opening of the concrete box culvert;
L4 – Thence South 75°57'49" West along the Southerly interior face of the said concrete box culvert, a distance of 13.63 feet to a point, said point being in the Easterly right of way line of the aforementioned Woodbridge Way, said point also being in the Westerly line of the aforementioned Block "D";
L5 – Thence North 00°56'34" West within the said concrete box culvert and along the aforementioned Easterly right of way line of Woodbridge Way and the Westerly line of Block "D", a distance of 4.11 feet to a point on the Northerly interior face of the said concrete box culvert;
L6 – Thence North 75°57'49" East along the Northerly interior face of the said concrete box culvert, a distance of 13.44 feet to a point, said point being at the Northeasterly opening of the said concrete box culvert;
L7 – Thence North 03°34'53" West along the face of the Easterly culvert headwall, a distance of 3.14 feet to a point;
L8 – Thence North 37°04'30" East along the face of the Northeasterly culvert wingwall, a distance of 19.78 feet to a point;
L9 – Thence North 72°14'18" East, a distance of 25.22 feet to a point;
L10 – Thence North 84°00'28" East, a distance of 50.00 feet to a point;
L11 – Thence North 83°22'03" East, a distance of 50.37 feet to a point;
L12 – Thence North 73°59'51" East, a distance of 25.00 feet to a point;
L13 – Thence North 20°08'45" East, a distance of 25.00 feet to a point;
L14 – Thence North 26°27'51" East, a distance of 25.00 feet to a point;
L15 – Thence North 55°53'36" East, a distance of 25.00 feet to a point;
L16 – Thence North 69°42'24" East, a distance of 25.00 feet to a point;
L17 – Thence South 71°19'14" East, a distance of 25.00 feet to a point;
L18 – Thence South 55°18'51" East, a distance of 50.00 feet to a point;
L19 – Thence South 42°07'35" East, a distance of 50.00 feet to a point;
L20 – Thence South 50°55'37" East, a distance of 25.00 feet to a point;
L21 – Thence South 71°50'03" East, a distance of 24.59 feet to a point;
L22 – Thence North 78°07'57" East, a distance of 25.00 feet to a point;
L23 – Thence North 56°13'55" East, a distance of 25.00 feet to a point;
L24 – Thence South 53°19'20" East, a distance of 25.00 feet to a point;
L25 – Thence South 27°18'07" East, a distance of 25.00 feet to a point;
L26 – Thence South 07°04'04" East, a distance of 51.13 feet to a point;
L27 – Thence South 27°49'19" East, a distance of 25.00 feet to a point;
L28 – Thence South 03°44'46" East, a distance of 25.00 feet to a point;
L29 – Thence South 09°15'03" West, a distance of 25.00 feet to a point;
L30 – Thence South 27°26'03" West, a distance of 25.00 feet to a point;
L31 – Thence South 48°17'46" West, a distance of 23.57 feet to a point;
L32 – Thence South 64°17'16" West, a distance of 17.13 feet to a point;
L33 – Thence North 55°40'52" West, a distance of 11.57 feet to a point;
L34 – Thence North 54°22'04" West, a distance of 25.67 feet to a point;
L35 – Thence North 40°48'44" West, a distance of 28.49 feet to a point;
L36 – Thence North 31°32'38" West, a distance of 48.74 feet to a point;
L37 – Thence North 14°11'39" West, a distance of 25.00 feet to a point;
L38 – Thence North 27°00'48" West, a distance of 25.00 feet to a point;
L39 – Thence North 49°01'54" West, a distance of 31.38 feet to a point;
L40 – Thence South 89°32'58" West, a distance of 54.00 feet to a point;
L41 – Thence North 75°18'45" West, a distance of 25.00 feet to a point;
L42 – Thence North 82°59'26" West, a distance of 25.00 feet to a point;
L43 – Thence South 89°35'48" West, a distance of 50.00 feet to a point;
L44 – Thence South 89°52'57" West, a distance of 25.00 feet to a point;
L45 – Thence South 80°21'17" West, a distance of 50.00 feet to a point;
L46 – Thence South 81°31'15" West, a distance of 65.97 feet to a point.

No 01842
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BY JHatfield
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BRIDGESIDE SUBDIVISION NO. 4
DETENTION BASIN MAP, BLOCKS "D" & "E"

SHEET NO. 1/1

PROJECT NO. 04–61