



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	CITY OF VALLEY, DOUGLAS COUNTY, NEBRASKA	A portion of Lots 1 through 16, Flatwater Development Addition Replat 1; Lots 17, 26 through 38 and 49 though 76, Flatwater Lake Development 2nd Addition; and Lots 103 through 128, Flatwater Lake Development 3rd Addition, as shown on the Plats recorded as Document Nos. 2020042450, 2020098330, 2020098331, all in the Office of the Register of Deeds, Douglas County, Nebraska  The portion of property is more particularly described by the following metes and bounds:
	COMMUNITY NO.: 310078	
AFFECTED MAP PANEL	NUMBER: 31055C0153H; 31055C0161H  DATE: 12/2/2005; 12/2/2005	
FLOODING SOURCE: PLATTE RIVER		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 41.312498, -96.359997 SOURCE OF LAT & LONG: LOMA LOGIC  DATUM: NAD 83

### DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
1-16	--	Flatwater Development Add. Replat 1	--	Portion of Property	X (shaded)	--	--	1144.0 feet

**Special Flood Hazard Area (SFHA)** - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

**ADDITIONAL CONSIDERATIONS** (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

LEGAL PROPERTY DESCRIPTION	PORTIONS REMAIN IN THE SFHA
DETERMINATION TABLE (CONTINUED)	EXTRATERRITORIAL JURISDICTION
FILL RECOMMENDATION	STATE LOCAL CONSIDERATIONS

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Revision based on Fill for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the described portion(s) of the property(ies) is/are not located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document revises the effective NFIP map to remove the subject property from the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. However, the lender has the option to continue the flood insurance requirement to protect its financial risk on the loan. A Preferred Risk Policy (PRP) is available for buildings located outside the SFHA. Information about the PRP and how one can apply is enclosed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Engineering Library, 3601 Eisenhower Ave Ste 500, Alexandria, VA 22304-6426.

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



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## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

### LEGAL PROPERTY DESCRIPTION (CONTINUED)

LOT 1: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 1; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 1, A DISTANCE OF 25.52 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 80.77 FEET TO A POINT; THENCE SOUTH 84 DEGREES 55 MINUTES 28 SECONDS WEST, A DISTANCE OF 30.58 FEET TO A POINT; THENCE NORTH 85 DEGREES 36 MINUTES 17 SECONDS WEST, A DISTANCE OF 20.44 FEET TO A POINT; THENCE NORTH 72 DEGREES 56 MINUTES 19 SECONDS WEST, A DISTANCE OF 76.52 FEET TO A POINT; THENCE NORTH 36 DEGREES 33 MINUTES 12 SECONDS WEST, A DISTANCE OF 10.44 FEET TO A POINT; THENCE NORTH 3 DEGREES 13 MINUTES 2 SECONDS WEST, A DISTANCE OF 39.20 FEET TO A POINT; THENCE NORTH 61 DEGREES 56 MINUTES 45 SECONDS EAST, A DISTANCE OF 14.17 FEET TO A POINT; THENCE NORTH 87 DEGREES 26 MINUTES 43 SECONDS EAST, A DISTANCE OF 116.83 FEET TO THE POINT OF BEGINNING.

LOT 2: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 2; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 2, A DISTANCE OF 23.92 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 78.55 FEET TO A POINT; THENCE SOUTH 84 DEGREES 19 MINUTES 51 SECONDS WEST, A DISTANCE OF 60.28 FEET TO A POINT; THENCE SOUTH 84 DEGREES 55 MINUTES 28 SECONDS WEST, A DISTANCE OF 4.84 FEET TO A POINT ON THE WEST LINE OF SAID LOT 2; THENCE NORTH 2 DEGREES 15 MINUTES 46 SECONDS WEST, ALONG SAID LINE, A DISTANCE OF 80.77 FEET TO A POINT; THENCE NORTH 87 DEGREES 26 MINUTES 43 SECONDS EAST, A DISTANCE OF 63.94 FEET TO A POINT; THENCE NORTH 37 DEGREES 19 MINUTES 27 SECONDS EAST, A DISTANCE OF 1.66 FEET TO THE POINT OF BEGINNING.

LOT 3: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 3; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 3, A DISTANCE OF 17.75 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 80.85 FEET TO A POINT; THENCE SOUTH 84 DEGREES 19 MINUTES 51 SECONDS WEST, A DISTANCE OF 65.12 FEET TO A POINT ON THE WEST LINE OF SAID LOT 3; THENCE NORTH 2 DEGREES 15 MINUTES 46 SECONDS WEST, ALONG SAID LINE, A DISTANCE OF 78.55 FEET TO A POINT; THENCE NORTH 37 DEGREES 19 MINUTES 27 SECONDS EAST, A DISTANCE OF 8.13 FEET TO A POINT; THENCE NORTH 87 DEGREES 50 MINUTES 6 SECONDS EAST, A DISTANCE OF 59.82 FEET TO THE POINT OF BEGINNING.

LOT 4: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 4; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 4, A DISTANCE OF 17.86 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 76.87 FEET TO A POINT; THENCE SOUTH 84 DEGREES 19 MINUTES 51 SECONDS WEST, A DISTANCE OF 65.12 FEET TO A POINT ON THE WEST LINE OF SAID LOT 4; THENCE NORTH 2 DEGREES 15 MINUTES 46 SECONDS WEST, ALONG SAID LINE, A DISTANCE OF 80.85 FEET TO A POINT; THENCE NORTH 87 DEGREES 50 MINUTES 6 SECONDS EAST, A DISTANCE OF 65.00 FEET TO THE POINT OF BEGINNING.

LOT 5: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 5; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 5, A

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A handwritten signature in black ink, appearing to read "Luis V. Rodriguez".

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



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### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

DISTANCE OF 17.97 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 2 DEGREES 15 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 65.06 FEET TO A POINT; THENCE SOUTH 77 DEGREES 01 MINUTE 27 SECONDS WEST, A DISTANCE OF 1.99 FEET TO A POINT; THENCE SOUTH 55 DEGREES 15 MINUTES 54 SECONDS WEST, A DISTANCE OF 15.58 FEET TO A POINT; THENCE SOUTH 84 DEGREES 19 MINUTES 51 SECONDS WEST, A DISTANCE OF 49.99 FEET TO A POINT ON THE WEST LINE OF SAID LOT 5; THENCE NORTH 2 DEGREES 15 MINUTES 46 SECONDS WEST, ALONG SAID LINE, A DISTANCE OF 76.87 FEET TO A POINT; THENCE NORTH 87 DEGREES 50 MINUTES 6 SECONDS EAST, A DISTANCE OF 65.00 FEET TO THE POINT OF BEGINNING.

LOT 6: COMMENCING AT THE NORTHEAST CORNER OF SAID LOT 6; THENCE, ON ASSUMED BEARING OF SOUTH 30 DEGREES 34 MINUTES 21 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 6 A DISTANCE OF 21.60 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 30 DEGREES 34 MINUTES 21 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 78.39 FEET TO A POINT; THENCE NORTH 47 DEGREES 49 MINUTES 7 SECONDS WEST, A DISTANCE OF 14.17 FEET TO A POINT; THENCE SOUTH 77 DEGREES 01 MINUTE 27 SECONDS WEST, A DISTANCE OF 48.08 FEET TO A POINT ON THE WEST LINE OF SAID LOT 6; THENCE NORTH 2 DEGREES 15 MINUTES 46 SECONDS WEST, ALONG SAID LINE, A DISTANCE OF 65.06 FEET TO A POINT; THENCE NORTH 87 DEGREES 50 MINUTES 6 SECONDS EAST, A DISTANCE OF 99.87 FEET TO THE POINT OF BEGINNING.

LOT 7: COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 7; THENCE, ON ASSUMED BEARING OF SOUTH 70 DEGREES 11 MINUTES 47 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 7, A DISTANCE OF 21.49 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 70 DEGREES 11 MINUTES 47 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 65.58 FEET TO A POINT; THENCE NORTH 47 DEGREES 49 MINUTES 7 SECONDS WEST, A DISTANCE OF 56.87 FEET TO A POINT TO THE NORTHWESTERLY LINE OF SAID LOT 7; THENCE NORTH 30 DEGREES 34 MINUTES 21 SECONDS EAST, ALONG SAID LINE, A DISTANCE OF 78.39 FEET TO A POINT; THENCE NORTH 87 DEGREES 50 MINUTES 6 SECONDS EAST, A DISTANCE OF 62.42 FEET TO A POINT; THENCE SOUTH 01 DEGREE 11 MINUTES 37 SECONDS EAST, A DISTANCE OF 80.77 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 290.04 FEET, A DELTA ANGLE OF 01 DEGREE 0 MINUTES 6 SECONDS, AN ARC LENGTH OF 5.07 FEET, A CHORD BEARING OF SOUTH 01 DEGREE 2 MINUTES 5 SECONDS WEST, AND A CHORD DISTANCE OF 5.07 FEET TO THE POINT OF BEGINNING.

LOT 8: COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 8; THENCE, ON ASSUMED BEARING OF NORTH 70 DEGREES 45 MINUTES 26 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 8, A DISTANCE OF 19.17 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 70 DEGREES 45 MINUTES 26 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 61.80 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 165.01 FEET, A DELTA ANGLE OF 19 DEGREES 40 MINUTES 36 SECONDS, AN ARC LENGTH OF 56.67 FEET, A CHORD BEARING OF NORTH 17 DEGREES 6 MINUTES 53 SECONDS EAST, AND A CHORD DISTANCE OF 56.39 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 8; THENCE NORTH 70 DEGREES 11 MINUTES 47 SECONDS EAST, ALONG SAID LINE, A DISTANCE OF 64.76 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 290.04 FEET, A DELTA ANGLE OF 19 DEGREES 28 MINUTES 16 SECONDS, AN ARC LENGTH OF 98.57 FEET, A CHORD BEARING OF SOUTH 11 DEGREES 16 MINUTES 16 SECONDS WEST, AND A CHORD DISTANCE OF 98.09 FEET TO THE POINT OF BEGINNING.

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LOT 9: COMMENCING AT THE SOUTH CORNER OF SAID LOT 9; THENCE, ON ASSUMED BEARING OF NORTH 40 DEGREES 7 MINUTES 46 SECONDS WEST, ALONG THE SOUTHWEST LINE OF SAID LOT 9, A DISTANCE OF 20.85 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 40 DEGREES 7 MINUTES 46 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 71.36 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 165.01 FEET, A DELTA ANGLE OF 19 DEGREES 25 MINUTES 11 SECONDS, AN ARC LENGTH OF 55.93 FEET, A CHORD BEARING OF NORTH 36 DEGREES 39 MINUTES 46 SECONDS EAST, AND A CHORD DISTANCE OF 55.66 FEET TO A POINT ON THE NORTHEASTERLY LINE OF SAID LOT 9; THENCE SOUTH 70 DEGREES 45 MINUTES 26 SECONDS EAST, ALONG SAID LINE, A DISTANCE OF 61.80 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 290.04 FEET, A DELTA ANGLE OF 18 DEGREES 3 MINUTES 58 SECONDS, AN ARC LENGTH OF 91.45 FEET, A CHORD BEARING OF SOUTH 30 DEGREES 2 MINUTES 23 SECONDS WEST, AND A CHORD DISTANCE OF 91.07 FEET TO THE POINT OF BEGINNING.

LOT 10: COMMENCING AT THE SOUTH CORNER OF SAID LOT 10; THENCE, ON ASSUMED BEARING OF NORTH 25 DEGREES 58 MINUTES 10 SECONDS WEST, ALONG THE SOUTHWEST LINE OF SAID LOT 10, A DISTANCE OF 20.72 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 25 DEGREES 58 MINUTES 10 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 98.14 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 144.31 FEET, A DELTA ANGLE OF 22 DEGREES 59 MINUTES 19 SECONDS, AN ARC LENGTH OF 57.90 FEET, A CHORD BEARING OF NORTH 58 DEGREES 40 MINUTES 24 SECONDS EAST, AND A CHORD DISTANCE OF 57.51 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 165.01 FEET, A DELTA ANGLE OF 0 DEGREES 36 MINUTES 1 SECOND, AN ARC LENGTH OF 1.73 FEET, A CHORD BEARING OF NORTH 46 DEGREES 40 MINUTES 22 SECONDS EAST, AND A CHORD DISTANCE OF 1.73 FEET TO A POINT ON THE NORTHEAST LINE OF SAID LOT 10; THENCE SOUTH 40 DEGREES 7 MINUTES 46 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 71.36 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 290.04 FEET, A DELTA ANGLE OF 0 DEGREES 4 MINUTES 34 SECONDS, AN ARC LENGTH OF 0.39 FEET, A CHORD BEARING OF SOUTH 39 DEGREES 6 MINUTES 39 SECONDS WEST, AND A CHORD DISTANCE OF 0.39 FEET TO A POINT; THENCE SOUTH 39 DEGREES 23 MINUTES 15 SECONDS WEST, A DISTANCE OF 82.76 FEET TO A POINT; THENCE SOUTH 52 DEGREES 13 MINUTES 42 SECONDS WEST, A DISTANCE OF 0.82 FEET TO THE POINT OF BEGINNING.

LOT 11: COMMENCING AT THE SOUTHWEST CORNER OF SAID LOT 11; THENCE, ON ASSUMED BEARING OF NORTH 17 DEGREES 52 MINUTES 37 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 11, A DISTANCE OF 19.37 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 17 DEGREES 52 MINUTES 37 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 110.62 FEET TO A POINT; THENCE NORTH 69 DEGREES 5 MINUTES 25 SECONDS EAST, A DISTANCE OF 50.70 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 144.31 FEET, A DELTA ANGLE OF 0 DEGREES 45 MINUTES 54 SECONDS, AN ARC LENGTH OF 1.93 FEET, A CHORD BEARING OF NORTH 70 DEGREES 33 MINUTES 1 SECOND EAST, AND A CHORD DISTANCE OF 1.93 FEET TO A POINT ON THE EAST LINE OF SAID LOT 11; THENCE SOUTH 25 DEGREES 58 MINUTES 10 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 98.14 FEET TO A POINT; THENCE SOUTH 52 DEGREES 13 MINUTES 42 SECONDS WEST, A DISTANCE OF 51.83 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 28.52 FEET, A DELTA ANGLE OF 36 DEGREES 8 MINUTES 5 SECONDS, AN ARC LENGTH OF 17.99 FEET, A CHORD BEARING OF SOUTH 76 DEGREES 47 MINUTES 58 SECONDS WEST, AND A CHORD DISTANCE

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OF 17.69 FEET TO THE POINT OF BEGINNING.

LOT 12: COMMENCING AT THE SOUTHWEST CORNER OF SAID LOT 12; THENCE, ON ASSUMED BEARING OF NORTH 17 DEGREES 52 MINUTES 37 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 12, A DISTANCE OF 16.15 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 17 DEGREES 52 MINUTES 37 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 79.47 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 160.59 FEET, A DELTA ANGLE OF 6 DEGREES 3 MINUTES 42 SECONDS, AN ARC LENGTH OF 16.99 FEET, A CHORD BEARING OF NORTH 72 DEGREES 2 MINUTES 39 SECONDS EAST, AND A CHORD DISTANCE OF 16.98 FEET TO A POINT; THENCE NORTH 74 DEGREES 25 MINUTES 38 SECONDS EAST, A DISTANCE OF 39.87 FEET TO A POINT; THENCE NORTH 69 DEGREES 5 MINUTES 25 SECONDS EAST, A DISTANCE OF 6.36 FEET TO A POINT ON THE EAST LINE OF SAID LOT 12; THENCE SOUTH 17 DEGREES 52 MINUTES 37 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 110.62 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 28.52 FEET, A DELTA ANGLE OF 29 DEGREES 18 MINUTES 41 SECONDS, AN ARC LENGTH OF 14.59 FEET, A CHORD BEARING OF NORTH 70 DEGREES 28 MINUTES 39 SECONDS WEST, AND A CHORD DISTANCE OF 14.43 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 80.58 FEET, A DELTA ANGLE OF 41 DEGREES 18 MINUTES 35 SECONDS, AN ARC LENGTH OF 58.10 FEET, A CHORD BEARING OF NORTH 83 DEGREES 18 MINUTES 53 SECONDS WEST, AND A CHORD DISTANCE OF 56.85 FEET TO THE POINT OF BEGINNING.

LOT 13: COMMENCING AT THE SOUTH CORNER OF SAID LOT 13; THENCE, ON ASSUMED BEARING OF NORTH 53 DEGREES 57 MINUTES 25 SECONDS WEST, ALONG THE SOUTHWEST LINE OF SAID LOT 13 A DISTANCE OF 16.71 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 53 DEGREES 57 MINUTES 25 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 71.48 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 160.59 FEET, A DELTA ANGLE OF 34 DEGREES 31 MINUTES 0 SECONDS, AN ARC LENGTH OF 96.74 FEET, A CHORD BEARING OF NORTH 51 DEGREES 45 MINUTES 18 SECONDS EAST, AND A CHORD DISTANCE OF 95.29 FEET TO A POINT ON THE NORTHEAST LINE OF SAID LOT 13; THENCE SOUTH 17 DEGREES 52 MINUTES 37 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 79.47 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 80.58 FEET, A DELTA ANGLE OF 35 DEGREES 6 MINUTES 25 SECONDS, AN ARC LENGTH OF 49.37 FEET, A CHORD BEARING OF SOUTH 58 DEGREES 28 MINUTES 37 SECONDS WEST, AND A CHORD DISTANCE OF 48.61 FEET TO THE POINT OF BEGINNING.

LOT 14: COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 14; THENCE, ON ASSUMED BEARING OF SOUTH 87 DEGREES 52 MINUTES 4 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 14, A DISTANCE OF 18.29 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 87 DEGREES 52 MINUTES 4 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 66.51 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 160.59 FEET, A DELTA ANGLE OF 35 DEGREES 9 MINUTES 1 SECOND, AN ARC LENGTH OF 98.52 FEET, A CHORD BEARING OF NORTH 16 DEGREES 55 MINUTES 17 SECONDS EAST, AND A CHORD DISTANCE OF 96.98 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 14; THENCE SOUTH 53 DEGREES 57 MINUTES 25 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 71.48 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 80.58 FEET, A DELTA ANGLE OF 37 DEGREES 41 MINUTES 50 SECONDS, AN ARC LENGTH

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### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

OF 53.02 FEET, A CHORD BEARING OF SOUTH 22 DEGREES 4 MINUTES 29 SECONDS WEST, AND A CHORD DISTANCE OF 52.07 FEET TO THE POINT OF BEGINNING.

LOT 15: COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 15; THENCE, ON ASSUMED BEARING OF SOUTH 55 DEGREES 43 MINUTES 6 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 15, A DISTANCE OF 19.96 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 55 DEGREES 43 MINUTES 6 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 66.69 FEET TO A POINT; THENCE NORTH 32 DEGREES 45 MINUTES 20 SECONDS WEST, A DISTANCE OF 2.69 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 160.59 FEET, A DELTA ANGLE OF 32 DEGREES 8 MINUTES 8 SECONDS, AN ARC LENGTH OF 90.07 FEET, A CHORD BEARING OF NORTH 16 DEGREES 43 MINUTES 17 SECONDS WEST, AND A CHORD DISTANCE OF 88.89 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 15; THENCE NORTH 87 DEGREES 52 MINUTES 4 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 66.51 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 80.58 FEET, A DELTA ANGLE OF 33 DEGREES 50 MINUTES 50 SECONDS, AN ARC LENGTH OF 47.60 FEET, A CHORD BEARING OF SOUTH 13 DEGREES 41 MINUTES 51 SECONDS EAST, AND A CHORD DISTANCE OF 46.91 FEET TO A POINT; THENCE SOUTH 34 DEGREES 8 MINUTES 32 SECONDS EAST, A DISTANCE OF 8.13 FEET TO THE POINT OF BEGINNING.

LOT 16: COMMENCING AT THE WEST CORNER OF SAID LOT 16; THENCE, ON ASSUMED BEARING OF NORTH 55 DEGREES 43 MINUTES 6 SECONDS EAST, ALONG THE NORTHWEST LINE OF SAID LOT 16, A DISTANCE OF 33.35 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 55 DEGREES 43 MINUTES 6 SECONDS EAST ALONG SAID LINE, A DISTANCE OF 66.69 FEET TO A POINT; THENCE SOUTH 34 DEGREES 8 MINUTES 32 SECONDS EAST, A DISTANCE OF 49.59 FEET TO A POINT; THENCE SOUTH 55 DEGREES 50 MINUTES 29 SECONDS WEST, A DISTANCE OF 67.88 FEET TO A POINT; THENCE NORTH 32 DEGREES 45 MINUTES 20 SECONDS WEST, A DISTANCE OF 49.46 FEET TO THE POINT OF BEGINNING.

LOT 17: COMMENCING AT THE SOUTHEAST CORNER OF SAID LOT 17; THENCE; ON ASSUMED BEARING SOUTH 88 DEGREES 43 MINUTES 50 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 17, A DISTANCE OF 28.39 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 88 DEGREES 43 MINUTES 50 SECONDS WEST ALONG SAID LINE, A DISTANCE OF 59.31 FEET TO A POINT; THENCE NORTH 36 DEGREES 0 MINUTES 46 SECONDS WEST, A DISTANCE OF 5.99 FEET TO A POINT; THENCE NORTH 11 DEGREES 27 MINUTES 38 SECONDS WEST, A DISTANCE OF 85.41 FEET TO A POINT; THENCE EAST, A DISTANCE OF 52.14 FEET TO A POINT; THENCE SOUTH 10 DEGREES 23 MINUTES 18 SECONDS EAST, A DISTANCE OF 82.04 FEET TO A POINT; THENCE SOUTH 63 DEGREES 2 MINUTES 16 SECONDS EAST, A DISTANCE OF 14.41 FEET TO THE POINT OF BEGINNING.

LOT 26: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 26, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 6 DEGREES 4 MINUTES 43 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 26, A DISTANCE OF 90.66 FEET TO A POINT; THENCE SOUTH 85 DEGREES 59 MINUTES 37 SECONDS EAST, A DISTANCE OF 60.04 FEET TO A POINT ON THE EAST LINE OF SAID LOT 26; THENCE SOUTH 6 DEGREES 4 MINUTES 43 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 92.83 FEET TO THE SOUTHEAST CORNER OF SAID LOT 26; THENCE NORTH 83 DEGREES 55 MINUTES 17 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 26 A DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LOT 27: BEGINNING AT A SOUTHWEST CORNER OF SAID LOT 27, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 6 DEGREES 4 MINUTES 43 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 27, A DISTANCE OF 89.83 FEET TO A POINT; THENCE NORTH 62 DEGREES 25 MINUTES 16 SECONDS EAST, A DISTANCE OF 0.65 FEET TO A POINT; THENCE SOUTH 84 DEGREES 13 MINUTES 41 SECONDS EAST, A DISTANCE OF 54.74 FEET TO A POINT; THENCE SOUTH 85 DEGREES 59 MINUTES 37 SECONDS EAST, A DISTANCE OF 4.72 FEET TO A POINT ON THE EAST LINE OF SAID LOT 27; THENCE SOUTH 6 DEGREES 4 MINUTES 43 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 90.66 FEET TO THE SOUTHEAST CORNER OF SAID LOT 27; THENCE NORTH 83 DEGREES 55 MINUTES 17 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 27, A DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 28: BEGINNING AT A SOUTHWEST CORNER OF SAID LOT 28, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 6 DEGREES 4 MINUTES 43 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 28, A DISTANCE OF 83.56 FEET TO A POINT; THENCE SOUTH 83 DEGREES 52 MINUTES 21 SECONDS EAST, A DISTANCE OF 50.52 FEET TO A POINT; THENCE NORTH 62 DEGREES 25 MINUTES 16 SECONDS EAST, A DISTANCE OF 11.39 FEET TO A POINT ON THE EAST LINE OF SAID LOT 28; THENCE SOUTH 6 DEGREES 4 MINUTES 43 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 28, A DISTANCE OF 89.83 FEET TO THE SOUTHEAST CORNER OF SAID LOT 28; THENCE NORTH 83 DEGREES 55 MINUTES 17 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 28, A DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 29: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 29, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 12 DEGREES 29 MINUTES 33 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 29, A DISTANCE OF 95.80 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 9 DEGREES 47 MINUTES 36 SECONDS, AN ARC LENGTH OF 24.29 FEET, A CHORD BEARING OF SOUTH 49 DEGREES 20 MINUTES 5 SECONDS EAST, AND A CHORD DISTANCE OF 24.26 FEET TO A POINT; THENCE SOUTH 83 DEGREES 52 MINUTES 21 SECONDS EAST, A DISTANCE OF 38.02 FEET TO A POINT ON THE EAST LINE OF SAID LOT 29; THENCE SOUTH 6 DEGREES 4 MINUTES 43 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 83.56 FEET TO THE SOUTHEAST CORNER OF SAID LOT 29; THENCE NORTH 83 DEGREES 55 MINUTES 17 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 29, A DISTANCE OF 55.07 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE RIGHT ALONG SAID LINE, HAVING A RADIUS OF 44.00 FEET, A DELTA ANGLE OF 18 DEGREES 2 MINUTES 4 SECONDS, AN ARC LENGTH OF 13.85 FEET, A CHORD BEARING OF NORTH 74 DEGREES 54 MINUTES 15 SECONDS WEST, AND A CHORD DISTANCE OF 13.79 FEET TO THE POINT OF BEGINNING.

LOT 30: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 30, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING NORTH 8 DEGREES 43 MINUTES 25 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 30, A DISTANCE OF 86.02 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 26 DEGREES 2 MINUTES 12 SECONDS, AN ARC LENGTH OF 64.57 FEET, A CHORD BEARING OF SOUTH 67 DEGREES 14 MINUTES 59 SECONDS EAST, AND A CHORD DISTANCE OF 64.01 FEET TO A POINT ON THE EAST LINE OF SAID LOT 30; THENCE SOUTH 12 DEGREES 29 MINUTES 33 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 95.80 FEET TO THE SOUTHEAST CORNER OF SAID LOT 30 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, ALONG THE SOUTH LINE OF SAID LOT 30, HAVING A RADIUS OF 44.00

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

FEET, A DELTA ANGLE OF 26 DEGREES 36 MINUTES 19 SECONDS, AN ARC LENGTH OF 20.43 FEET, A CHORD BEARING OF NORTH 52 DEGREES 35 MINUTES 4 SECONDS WEST, AND A CHORD DISTANCE OF 20.25 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE LEFT, ALONG SAID LINE HAVING A RADIUS OF 60.00 FEET, A DELTA ANGLE OF 39 DEGREES 59 MINUTES 30 SECONDS, AN ARC LENGTH OF 41.88 FEET, A CHORD BEARING OF NORTH 59 DEGREES 16 MINUTES 39 SECONDS WEST, AND A CHORD DISTANCE OF 41.03 FEET TO THE POINT OF BEGINNING.

LOT 31: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 31, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 37 DEGREES 2 MINUTES 17 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 31, A DISTANCE OF 85.09 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 47 DEGREES 47 MINUTES 16 SECONDS, AN ARC LENGTH OF 118.51 FEET, A CHORD BEARING OF NORTH 75 DEGREES 50 MINUTES 17 SECONDS EAST, AND A CHORD DISTANCE OF 115.10 FEET TO A POINT ON THE EAST LINE OF SAID LOT 31; THENCE SOUTH 8 DEGREES 43 MINUTES 25 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 86.02 FEET TO THE SOUTHEAST CORNER OF SAID LOT 31 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, ALONG THE SOUTH LINE OF SAID LOT 31 HAVING A RADIUS OF 60.00 FEET, A DELTA ANGLE OF 47 DEGREES 45 MINUTES 53 SECONDS, AN ARC LENGTH OF 50.02 FEET, A CHORD BEARING OF SOUTH 76 DEGREES 50 MINUTES 40 SECONDS WEST, AND A CHORD DISTANCE OF 48.58 FEET TO THE POINT OF BEGINNING.

LOT 32: BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 32, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 85 DEGREES 17 MINUTES 51 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 32, A DISTANCE OF 82.16 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 48 DEGREES 49 MINUTES 42 SECONDS, AN ARC LENGTH OF 121.09 FEET, A CHORD BEARING OF NORTH 27 DEGREES 31 MINUTES 48 SECONDS EAST, AND A CHORD DISTANCE OF 117.46 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 32; THENCE SOUTH 37 DEGREES 2 MINUTES 17 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 85.09 FEET TO THE NORTHEAST CORNER OF SAID LOT 32 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, ALONG THE EAST LINE OF SAID LOT 32, HAVING A RADIUS OF 60.00 FEET, A DELTA ANGLE OF 48 DEGREES 15 MINUTES 34 SECONDS, AN ARC LENGTH OF 50.54 FEET, A CHORD BEARING OF SOUTH 28 DEGREES 49 MINUTES 56 SECONDS WEST, AND A CHORD DISTANCE OF 49.06 FEET TO THE POINT OF BEGINNING.

LOT 33: BEGINNING AT THE SOUTHEAST CORNER OF SAID LOT 33, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 46 DEGREES 26 MINUTES 34 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 33, A DISTANCE OF 79.21 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 47 DEGREES 46 MINUTES 3 SECONDS, AN ARC LENGTH OF 118.46 FEET, A CHORD BEARING OF NORTH 20 DEGREES 46 MINUTES 5 SECONDS WEST, AND A CHORD DISTANCE OF 115.06 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 33; THENCE SOUTH 85 DEGREES 17 MINUTES 51 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 82.16 FEET TO THE NORTHEAST CORNER OF SAID LOT 33 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 60.00 FEET, ALONG THE EAST LINE OF SAID LOT 33, A DELTA ANGLE OF 48 DEGREES 15 MINUTES 34 SECONDS, AN ARC LENGTH OF 50.54 FEET, A CHORD BEARING OF SOUTH 19 DEGREES 25 MINUTES 38 SECONDS EAST, AND A CHORD

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Luis V. Rodriguez, P.E., Director  
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Federal Insurance and Mitigation Administration





# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

DISTANCE OF 49.06 FEET TO THE POINT OF BEGINNING.

LOT 34: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 34, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 4 DEGREES 49 MINUTES 3 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 34, A DISTANCE OF 78.38 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 43 DEGREES 22 MINUTES 54 SECONDS, AN ARC LENGTH OF 107.58 FEET, A CHORD BEARING OF NORTH 66 DEGREES 20 MINUTES 33 SECONDS WEST, AND A CHORD DISTANCE OF 105.03 FEET TO A POINT ON THE WEST LINE OF SAID LOT 34; THENCE NORTH 46 DEGREES 26 MINUTES 34 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 79.21 FEET TO THE NORTHWEST CORNER OF SAID LOT 34 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 60.00 FEET, ALONG THE NORTH LINE OF SAID LOT 34, A DELTA ANGLE OF 48 DEGREES 15 MINUTES 34 SECONDS, AN ARC LENGTH OF 50.54 FEET, A CHORD BEARING OF SOUTH 67 DEGREES 41 MINUTES 13 SECONDS EAST, AND A CHORD DISTANCE OF 49.06 FEET TO THE POINT OF BEGINNING.

LOT 35: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 35, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 0 DEGREES 19 MINUTES 17 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 35, A DISTANCE OF 85.65 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 28 DEGREES 41 MINUTES 2 SECONDS, AN ARC LENGTH OF 71.13 FEET, A CHORD BEARING OF SOUTH 77 DEGREES 37 MINUTES 28 SECONDS WEST, AND A CHORD DISTANCE OF 70.39 FEET TO A POINT ON THE WEST LINE OF SAID LOT 35; THENCE NORTH 4 DEGREES 49 MINUTES 3 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 78.38 FEET TO THE NORTHWEST CORNER OF SAID LOT 35 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 60.00 FEET, ALONG THE NORTH LINE OF SAID LOT 35, A DELTA ANGLE OF 36 DEGREES 44 MINUTES 40 SECONDS, AN ARC LENGTH OF 38.48 FEET, A CHORD BEARING OF NORTH 69 DEGREES 48 MINUTES 40 SECONDS EAST, AND A CHORD DISTANCE OF 37.82 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 44.00 FEET, ALONG SAID LINE, A DELTA ANGLE OF 36 DEGREES 57 MINUTES 24 SECONDS, AN ARC LENGTH OF 28.38 FEET, A CHORD BEARING OF NORTH 69 DEGREES 55 MINUTES 2 SECONDS EAST, AND A CHORD DISTANCE OF 27.89 FEET TO THE POINT OF BEGINNING.

LOT 36: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 36, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 36, A DISTANCE OF 77.89 FEET TO A POINT; THENCE NORTH 86 DEGREES 26 MINUTES 44 SECONDS WEST, A DISTANCE OF 55.68 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 142.09 FEET, A DELTA ANGLE OF 3 DEGREES 58 MINUTES 3 SECONDS, AN ARC LENGTH OF 9.84 FEET, A CHORD BEARING OF SOUTH 61 DEGREES 17 MINUTES 56 SECONDS WEST, AND A CHORD DISTANCE OF 9.84 FEET TO A POINT ON THE WEST LINE OF SAID LOT 36; THENCE NORTH 0 DEGREES 19 MINUTES 17 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 85.65 FEET TO THE NORTHWEST CORNER OF SAID LOT 36 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 44.00 FEET, ALONG THE NORTH LINE OF SAID LOT 36, A DELTA ANGLE OF 7 DEGREES 40 MINUTES 59 SECONDS, AN ARC LENGTH OF 5.90 FEET, A CHORD BEARING OF SOUTH 87 DEGREES 45 MINUTES 47 SECONDS EAST, AND A CHORD DISTANCE OF 5.90 FEET TO A POINT; THENCE SOUTH 83 DEGREES 55 MINUTES 17 SECONDS EAST, ALONG SAID

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### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LINE A DISTANCE OF 59.12 FEET TO THE POINT OF BEGINNING.

LOT 37: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 37, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 3 DEGREES 0 MINUTES 20 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 37, A DISTANCE OF 76.02 FEET TO A POINT; THENCE NORTH 84 DEGREES 21 MINUTES 39 SECONDS WEST, A DISTANCE OF 32.52 FEET TO A POINT; THENCE NORTH 86 DEGREES 26 MINUTES 44 SECONDS WEST, A DISTANCE OF 29.30 FEET TO A POINT ON THE WEST LINE OF SAID LOT 37; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.89 FEET TO THE NORTHWEST CORNER OF SAID LOT 37; THENCE SOUTH 83 DEGREES 55 MINUTES 17 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 37, A DISTANCE OF 65.96 FEET TO THE POINT OF BEGINNING.

LOT 38: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 38, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 3 DEGREES 0 MINUTES 20 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 38, A DISTANCE OF 75.52 FEET TO A POINT; THENCE NORTH 84 DEGREES 21 MINUTES 39 SECONDS WEST, A DISTANCE OF 65.07 FEET TO A POINT ON THE WEST LINE OF SAID LOT 38; THENCE NORTH 3 DEGREES 0 MINUTES 20 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 76.02 FEET TO THE NORTHWEST CORNER OF SAID LOT 38; THENCE SOUTH 83 DEGREES 55 MINUTES 17 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 38, A DISTANCE OF 65.09 FEET TO THE POINT OF BEGINNING.

LOT 49: BEGINNING AT THE EAST CORNER OF SAID LOT 49, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 28 DEGREES 01 MINUTE 9 SECONDS WEST, ALONG THE SOUTHEAST LINE OF SAID LOT 49, A DISTANCE OF 77.50 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 507.24 FEET, A DELTA ANGLE OF 0 DEGREES 52 MINUTES 2 SECONDS, AN ARC LENGTH OF 7.68 FEET, A CHORD BEARING OF NORTH 59 DEGREES 47 MINUTES 34 SECONDS WEST, AND A CHORD DISTANCE OF 7.68 FEET TO A POINT; THENCE NORTH 58 DEGREES 38 MINUTES 33 SECONDS WEST, A DISTANCE OF 56.69 FEET TO A POINT ON THE NORTHWEST LINE OF SAID LOT 49; THENCE NORTH 31 DEGREES 20 MINUTES 58 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.38 FEET TO THE NORTH CORNER OF SAID LOT 49; THENCE SOUTH 58 DEGREES 39 MINUTES 2 SECONDS EAST, ALONG THE NORTHEAST LINE OF SAID LOT 49, A DISTANCE OF 49.45 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 430.00 FEET, ALONG SAID LINE A DELTA ANGLE OF 01 DEGREE 23 MINUTES 16 SECONDS, AN ARC LENGTH OF 10.41 FEET, A CHORD BEARING OF SOUTH 59 DEGREES 20 MINUTES 40 SECONDS EAST, AND A CHORD DISTANCE OF 10.41 FEET TO THE POINT OF BEGINNING.

LOT 50: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 50, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 18 DEGREES 5 MINUTES 36 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 50, A DISTANCE OF 77.65 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 507.24 FEET, A DELTA ANGLE OF 10 DEGREES 5 MINUTES 21 SECONDS, AN ARC LENGTH OF 89.32 FEET, A CHORD BEARING OF NORTH 65 DEGREES 16 MINUTES 15 SECONDS WEST, AND A CHORD DISTANCE OF 89.20 FEET TO A POINT ON THE WEST LINE OF SAID LOT 50; THENCE NORTH 28 DEGREES 01 MINUTE 9 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.50 FEET TO THE NORTHWEST CORNER OF SAID LOT 50 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 430.00 FEET, ALONG THE NORTH LINE OF SAID

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## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LOT 50, A DELTA ANGLE OF 10 DEGREES 6 MINUTES 39 SECONDS, AN ARC LENGTH OF 75.88 FEET, A CHORD BEARING OF SOUTH 65 DEGREES 5 MINUTES 38 SECONDS EAST, AND A CHORD DISTANCE OF 75.78 FEET TO THE POINT OF BEGINNING.

LOT 51: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 51, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 6 DEGREES 34 MINUTES 3 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 51, A DISTANCE OF 77.87 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 507.24 FEET, A DELTA ANGLE OF 10 DEGREES 27 MINUTES 18 SECONDS, AN ARC LENGTH OF 92.56 FEET, A CHORD BEARING OF NORTH 75 DEGREES 32 MINUTES 35 SECONDS WEST, AND A CHORD DISTANCE OF 92.43 FEET TO A POINT ON THE WEST LINE OF SAID LOT 51; THENCE NORTH 18 DEGREES 5 MINUTES 36 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.65 FEET TO THE NORTHWEST CORNER OF SAID LOT 51 TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 430.00 FEET, ALONG THE NORTH LINE OF SAID LOT 51, A DELTA ANGLE OF 10 DEGREES 14 MINUTES 57 SECONDS, AN ARC LENGTH OF 76.92 FEET, A CHORD BEARING OF SOUTH 75 DEGREES 16 MINUTES 26 SECONDS EAST, AND A CHORD DISTANCE OF 76.82 FEET TO THE POINT OF BEGINNING.

LOT 52: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 52, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 0 DEGREES 8 MINUTES 31 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 52, A DISTANCE OF 77.88 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 507.24 FEET, A DELTA ANGLE OF 9 DEGREES 47 MINUTES 1 SECOND, AN ARC LENGTH OF 86.62 FEET, A CHORD BEARING OF NORTH 85 DEGREES 39 MINUTES 44 SECONDS WEST, AND A CHORD DISTANCE OF 86.51 FEET TO A POINT ON THE WEST LINE OF SAID LOT 52; THENCE NORTH 6 DEGREES 34 MINUTES 3 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.87 FEET TO THE NORTHWEST CORNER OF SAID LOT 52 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 430.00 FEET, ALONG THE NORTH LINE OF SAID LOT 52, A DELTA ANGLE OF 9 DEGREES 35 MINUTES 49 SECONDS, AN ARC LENGTH OF 72.02 FEET, A CHORD BEARING OF SOUTH 85 DEGREES 11 MINUTES 48 SECONDS EAST, AND A CHORD DISTANCE OF 71.94 FEET TO A POINT; THENCE SOUTH 89 DEGREES 59 MINUTES 43 SECONDS EAST, CONTINUING ALONG SAID LINE A DISTANCE OF 5.48 FEET TO THE POINT OF BEGINNING.

LOT 53: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 53, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 0 DEGREES 0 MINUTES 17 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 53, A DISTANCE OF 77.65 FEET TO A POINT; THENCE SOUTH 89 DEGREES 52 MINUTES 56 SECONDS WEST, A DISTANCE OF 69.90 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 507.24 FEET, A DELTA ANGLE OF 0 DEGREES 36 MINUTES 34 SECONDS, AN ARC LENGTH OF 5.40 FEET, A CHORD BEARING OF SOUTH 89 DEGREES 8 MINUTES 28 SECONDS WEST, AND A CHORD DISTANCE OF 5.40 FEET TO A POINT ON THE WEST LINE OF SAID LOT 53; THENCE NORTH 0 DEGREES 8 MINUTES 31 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 77.88 FEET TO THE NORTHWEST CORNER OF SAID LOT 53; THENCE SOUTH 89 DEGREES 59 MINUTES 43 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 53, A DISTANCE OF 75.49 FEET TO THE POINT OF BEGINNING.

LOT 54: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 54, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 0 DEGREES 0 MINUTES 17 SECONDS WEST,

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

ALONG THE EAST LINE OF SAID LOT 54, A DISTANCE OF 77.49 FEET TO A POINT; THENCE SOUTH 89 DEGREES 52 MINUTES 56 SECONDS WEST, A DISTANCE OF 75.47 FEET TO A POINT ON THE WEST LINE OF SAID LOT 54; THENCE NORTH 0 DEGREES 0 MINUTES 17 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.65 FEET TO THE NORTHWEST CORNER OF SAID LOT 54; THENCE SOUTH 89 DEGREES 59 MINUTES 43 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 54, A DISTANCE OF 75.47 FEET TO THE POINT OF BEGINNING.

LOT 55: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 55, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 20 MINUTES 5 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 55, A DISTANCE OF 77.40 FEET TO A POINT; THENCE SOUTH 89 DEGREES 52 MINUTES 56 SECONDS WEST, A DISTANCE OF 70.98 FEET TO A POINT ON THE WEST LINE OF SAID LOT 55; THENCE NORTH 0 DEGREES 0 MINUTES 17 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.49 FEET TO THE NORTHWEST CORNER OF SAID LOT 55; THENCE SOUTH 89 DEGREES 59 MINUTES 43 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 55, A DISTANCE OF 74.12 FEET TO THE POINT OF BEGINNING.

LOT 56: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 56, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 30 MINUTES 1 SECOND WEST, ALONG THE EAST LINE OF SAID LOT 56, A DISTANCE OF 80.40 FEET TO A POINT; THENCE NORTH 52 DEGREES 57 MINUTES 28 SECONDS WEST, A DISTANCE OF 3.09 FEET TO A POINT; THENCE SOUTH 89 DEGREES 52 MINUTES 56 SECONDS WEST, A DISTANCE OF 72.38 FEET TO A POINT ON THE WEST LINE OF SAID LOT 56; THENCE NORTH 2 DEGREES 20 MINUTES 5 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.40 FEET TO THE NORTHWEST CORNER OF SAID LOT 56; THENCE SOUTH 89 DEGREES 59 MINUTES 43 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 56, A DISTANCE OF 29.17 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 830.00 FEET, ALONG SAID LINE A DELTA ANGLE OF 3 DEGREES 10 MINUTES 45 SECONDS, AN ARC LENGTH OF 46.05 FEET, A CHORD BEARING OF NORTH 88 DEGREES 24 MINUTES 55 SECONDS EAST, AND A CHORD DISTANCE OF 46.05 FEET TO THE POINT OF BEGINNING.

LOT 57: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 57, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 22 DEGREES 57 MINUTES 3 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 57, A DISTANCE OF 90.83 FEET TO A POINT; THENCE SOUTH 85 DEGREES 50 MINUTES 1 SECOND WEST, A DISTANCE OF 60.52 FEET TO A POINT; THENCE NORTH 52 DEGREES 57 MINUTES 28 SECONDS WEST, A DISTANCE OF 8.92 FEET TO A POINT ON THE WEST LINE OF SAID LOT 57; THENCE NORTH 2 DEGREES 30 MINUTES 1 SECOND EAST, ALONG SAID LINE A DISTANCE OF 80.40 FEET TO THE NORTHWEST CORNER OF SAID LOT 57 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 830.00 FEET, ALONG THE NORTH LINE OF SAID LOT 57, A DELTA ANGLE OF 2 DEGREES 9 MINUTES 4 SECONDS, AN ARC LENGTH OF 31.16 FEET, A CHORD BEARING OF NORTH 85 DEGREES 45 MINUTES 0 SECONDS EAST, AND A CHORD DISTANCE OF 31.16 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, CONTINUING ALONG SAID LINE, A DELTA ANGLE OF 10 DEGREES 35 MINUTES 40 SECONDS, AN ARC LENGTH OF 68.42 FEET, A CHORD BEARING OF NORTH 89 DEGREES 58 MINUTES 18 SECONDS EAST, AND A CHORD DISTANCE OF 68.32 FEET TO THE POINT OF BEGINNING.

LOT 58: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 58, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 24 DEGREES 17 MINUTES 3 SECONDS WEST,

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration





# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

ALONG THE EAST LINE OF SAID LOT 58, A DISTANCE OF 90.02 FEET TO A POINT; THENCE NORTH 73 DEGREES 21 MINUTES 44 SECONDS WEST, A DISTANCE OF 40.08 FEET TO A POINT; THENCE NORTH 86 DEGREES 51 MINUTES 31 SECONDS WEST, A DISTANCE OF 35.61 FEET TO A POINT ON THE WEST LINE OF SAID LOT 58; THENCE NORTH 22 DEGREES 57 MINUTES 3 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 90.85 FEET TO THE NORTHWEST CORNER OF SAID LOT 58 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE NORTH LINE OF SAID LOT 58, A DELTA ANGLE OF 11 DEGREES 57 MINUTES 5 SECONDS, AN ARC LENGTH OF 77.18 FEET, A CHORD BEARING OF SOUTH 78 DEGREES 45 MINUTES 19 SECONDS EAST, AND A CHORD DISTANCE OF 77.04 FEET TO THE POINT OF BEGINNING.

LOT 59: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 59, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 24 DEGREES 17 MINUTES 3 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 59, A DISTANCE OF 89.03 FEET TO A POINT; THENCE NORTH 66 DEGREES 21 MINUTES 37 SECONDS WEST, A DISTANCE OF 60.53 FEET TO A POINT; THENCE NORTH 73 DEGREES 21 MINUTES 44 SECONDS WEST, A DISTANCE OF 14.59 FEET TO A POINT ON THE WEST LINE OF SAID LOT 59; THENCE NORTH 24 DEGREES 17 MINUTES 3 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 90.02 FEET TO THE NORTHWEST CORNER OF SAID LOT 59 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE NORTH LINE OF SAID LOT 59, A DELTA ANGLE OF 11 DEGREES 38 MINUTES 7 SECONDS, AN ARC LENGTH OF 75.14 FEET, A CHORD BEARING OF SOUTH 66 DEGREES 57 MINUTES 43 SECONDS EAST, AND A CHORD DISTANCE OF 75.01 FEET TO THE POINT OF BEGINNING.

LOT 60: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 60, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 51 MINUTES 59 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 60, A DISTANCE OF 80.06 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 234.86 FEET, A DELTA ANGLE OF 23 DEGREES 41 MINUTES 41 SECONDS, AN ARC LENGTH OF 97.13 FEET, A CHORD BEARING OF NORTH 77 DEGREES 3 MINUTES 23 SECONDS WEST, AND A CHORD DISTANCE OF 96.44 FEET TO A POINT ON THE WEST LINE OF SAID LOT 60; THENCE NORTH 24 DEGREES 17 MINUTES 3 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 89.04 FEET TO THE NORTHWEST CORNER OF SAID LOT 60 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE NORTH LINE OF SAID LOT 60, A DELTA ANGLE OF 2 DEGREES 33 MINUTES 11 SECONDS, AN ARC LENGTH OF 16.49 FEET, A CHORD BEARING OF SOUTH 59 DEGREES 52 MINUTES 4 SECONDS EAST, AND A CHORD DISTANCE OF 16.49 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, CONTINUING ALONG SAID LINE, A DELTA ANGLE OF 28 DEGREES 32 MINUTES 33 SECONDS, AN ARC LENGTH OF 49.82 FEET, A CHORD BEARING OF SOUTH 72 DEGREES 51 MINUTES 45 SECONDS EAST, AND A CHORD DISTANCE OF 49.30 FEET TO THE POINT OF BEGINNING.

LOT 61: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 61, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 32 DEGREES 2 MINUTES 56 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 61, A DISTANCE OF 84.49 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 234.86 FEET, A DELTA ANGLE OF 26 DEGREES 56 MINUTES 52 SECONDS, AN ARC LENGTH OF 110.46 FEET, A CHORD BEARING OF SOUTH 77 DEGREES 37 MINUTES 20 SECONDS WEST, AND A CHORD DISTANCE OF 109.44 FEET TO A POINT ON THE WEST LINE OF SAID LOT 61; THENCE NORTH 2 DEGREES 51 MINUTES 59 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 80.06 FEET TO THE NORTHWEST

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

CORNER OF SAID LOT 61 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE NORTH LINE OF SAID LOT 61, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 75 DEGREES 24 MINUTES 31 SECONDS EAST, AND A CHORD DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 62: BEGINNING AT THE NORTH CORNER OF SAID LOT 62, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 66 DEGREES 57 MINUTES 51 SECONDS EAST, ALONG THE NORTHEAST LINE OF SAID LOT 62, A DISTANCE OF 87.24 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 188.07 FEET, A DELTA ANGLE OF 28 DEGREES 9 MINUTES 57 SECONDS, AN ARC LENGTH OF 92.45 FEET, A CHORD BEARING OF SOUTH 37 DEGREES 17 MINUTES 30 SECONDS WEST, AND A CHORD DISTANCE OF 91.52 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 234.86 FEET, A DELTA ANGLE OF 5 DEGREES 15 MINUTES 55 SECONDS, AN ARC LENGTH OF 21.58 FEET, A CHORD BEARING OF SOUTH 61 DEGREES 30 MINUTES 57 SECONDS WEST, AND A CHORD DISTANCE OF 21.57 FEET TO A POINT ON THE SOUTHWEST LINE OF SAID LOT 62; THENCE NORTH 32 DEGREES 2 MINUTES 56 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 84.49 FEET TO THE WEST CORNER OF SAID LOT 62 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE NORTHWEST LINE OF SAID LOT 62, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 40 DEGREES 29 MINUTES 36 SECONDS EAST, AND A CHORD DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 63: BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 63, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 78 DEGREES 7 MINUTES 14 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 63, A DISTANCE OF 87.71 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 188.07 FEET, A DELTA ANGLE OF 34 DEGREES 48 MINUTES 10 SECONDS, AN ARC LENGTH OF 114.24 FEET, A CHORD BEARING OF SOUTH 5 DEGREES 48 MINUTES 27 SECONDS WEST, AND A CHORD DISTANCE OF 112.49 FEET TO A POINT ON THE SOUTH LINE OF SAID LOT 63; THENCE NORTH 66 DEGREES 57 MINUTES 51 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 87.24 FEET TO THE SOUTHWEST CORNER OF SAID LOT 63 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE EAST LINE OF SAID LOT 63, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 5 DEGREES 34 MINUTES 42 SECONDS EAST, AND A CHORD DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 64: BEGINNING AT THE WEST PROPERTY CORNER OF SAID LOT 64, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 43 DEGREES 12 MINUTES 20 SECONDS EAST, ALONG THE NORTHWEST LINE OF SAID LOT 64, A DISTANCE OF 88.31 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 188.07 FEET, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 20 SECONDS, AN ARC LENGTH OF 114.57 FEET, A CHORD BEARING OF SOUTH 29 DEGREES 2 MINUTES 48 SECONDS EAST, AND A CHORD DISTANCE OF 112.81 FEET TO A POINT ON THE SOUTH LINE OF SAID LOT 64; THENCE SOUTH 78 DEGREES 7 MINUTES 14 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 87.71 FEET TO THE SOUTHWEST PROPERTY CORNER OF SAID LOT 64 AND TO A POINT OF NON TANGENT CURVATURE,

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# Federal Emergency Management Agency

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## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE WEST LINE OF SAID LOT 64, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 29 DEGREES 20 MINUTES 13 SECONDS WEST, AND A CHORD DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 65: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 65, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 8 DEGREES 17 MINUTES 25 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 65, A DISTANCE OF 88.82 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 188.07 FEET, A DELTA ANGLE OF 35 DEGREES 0 MINUTES 42 SECONDS, AN ARC LENGTH OF 114.92 FEET, A CHORD BEARING OF SOUTH 64 DEGREES 0 MINUTES 19 SECONDS EAST, AND A CHORD DISTANCE OF 113.14 FEET TO A POINT ON THE EAST LINE OF SAID LOT 65; THENCE SOUTH 43 DEGREES 12 MINUTES 20 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 88.31 FEET TO THE SOUTHEAST CORNER OF SAID LOT 65 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 65, A DELTA ANGLE OF 34 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 64 DEGREES 15 MINUTES 8 SECONDS WEST, AND A CHORD DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING.

LOT 66: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 66, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 26 DEGREES 37 MINUTES 30 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 66, A DISTANCE OF 88.64 FEET TO A POINT; THENCE NORTH 41 DEGREES 36 MINUTES 20 SECONDS EAST, A DISTANCE OF 0.85 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 188.07 FEET, A DELTA ANGLE OF 34 DEGREES 50 MINUTES 34 SECONDS, AN ARC LENGTH OF 114.37 FEET, A CHORD BEARING OF NORTH 81 DEGREES 4 MINUTES 3 SECONDS EAST, AND A CHORD DISTANCE OF 112.61 FEET TO A POINT ON THE EAST LINE OF SAID LOT 66; THENCE SOUTH 8 DEGREES 17 MINUTES 25 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 88.82 FEET TO THE SOUTHEAST CORNER OF SAID LOT 66 TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 100.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 66, A DELTA ANGLE OF 32 DEGREES 28 MINUTES 1 SECOND, AN ARC LENGTH OF 56.67 FEET, A CHORD BEARING OF SOUTH 82 DEGREES 3 MINUTES 24 SECONDS WEST, AND A CHORD DISTANCE OF 55.91 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 770.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 0 DEGREES 19 MINUTES 5 SECONDS, AN ARC LENGTH OF 4.28 FEET, A CHORD BEARING OF SOUTH 65 DEGREES 58 MINUTES 56 SECONDS WEST, AND A CHORD DISTANCE OF 4.28 FEET TO THE POINT OF BEGINNING.

LOT 67: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 67, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 26 DEGREES 2 MINUTES 5 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 67, A DISTANCE OF 78.76 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 600.43 FEET, A DELTA ANGLE OF 5 DEGREES 11 MINUTES 13 SECONDS, AN ARC LENGTH OF 54.36 FEET, A CHORD BEARING OF NORTH 69 DEGREES 26 MINUTES 33 SECONDS EAST, AND A CHORD DISTANCE OF 54.34 FEET TO A POINT; THENCE NORTH 41 DEGREES 36 MINUTES 20 SECONDS EAST, A DISTANCE OF 22.23 FEET TO A POINT ON THE EAST LINE OF SAID LOT 67; THENCE SOUTH 26 DEGREES 37 MINUTES 30 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 88.64 FEET TO THE SOUTHEAST CORNER OF SAID LOT 67 AND TO A POINT OF NON TANGENT CURVATURE, THENCE

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# Federal Emergency Management Agency

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## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 770.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 67, A DELTA ANGLE OF 5 DEGREES 38 MINUTES 47 SECONDS, AN ARC LENGTH OF 75.88 FEET, A CHORD BEARING OF SOUTH 68 DEGREES 57 MINUTES 53 SECONDS WEST, AND A CHORD DISTANCE OF 75.85 FEET TO THE POINT OF BEGINNING.

LOT 68: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 68, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 4 DEGREES 14 MINUTES 44 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 68, A DISTANCE OF 78.27 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 600.43 FEET, A DELTA ANGLE OF 6 DEGREES 39 MINUTES 44 SECONDS, AN ARC LENGTH OF 69.82 FEET, A CHORD BEARING OF NORTH 75 DEGREES 22 MINUTES 1 SECOND EAST, AND A CHORD DISTANCE OF 69.78 FEET TO A POINT ON THE EAST LINE OF SAID LOT 68; THENCE SOUTH 26 DEGREES 2 MINUTES 5 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 78.76 FEET TO THE SOUTHEAST CORNER OF SAID LOT 68 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 770.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 68, A DELTA ANGLE OF 7 DEGREES 24 MINUTES 21 SECONDS, AN ARC LENGTH OF 99.53 FEET, A CHORD BEARING OF SOUTH 75 DEGREES 29 MINUTES 27 SECONDS WEST, AND A CHORD DISTANCE OF 99.46 FEET TO THE POINT OF BEGINNING.

LOT 69: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 69, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 4 DEGREES 39 MINUTES 39 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 69, A DISTANCE OF 78.82 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 600.43 FEET, A DELTA ANGLE OF 7 DEGREES 56 MINUTES 6 SECONDS, AN ARC LENGTH OF 83.16 FEET, A CHORD BEARING OF NORTH 82 DEGREES 39 MINUTES 56 SECONDS EAST, AND A CHORD DISTANCE OF 83.09 FEET TO A POINT ON THE EAST LINE OF SAID LOT 69; THENCE SOUTH 4 DEGREES 14 MINUTES 44 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 78.27 FEET TO THE SOUTHEAST CORNER OF SAID LOT 69 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 770.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 69, A DELTA ANGLE OF 6 DEGREES 8 MINUTES 44 SECONDS, AN ARC LENGTH OF 82.59 FEET, A CHORD BEARING OF SOUTH 82 DEGREES 15 MINUTES 59 SECONDS WEST, AND A CHORD DISTANCE OF 82.55 FEET TO THE POINT OF BEGINNING.

LOT 70: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 70, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 0 DEGREES 15 MINUTES 48 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 70, A DISTANCE OF 80.27 FEET TO A POINT; THENCE NORTH 90 DEGREES 0 MINUTES 0 SECONDS EAST, A DISTANCE OF 32.90 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 600.43 FEET, A DELTA ANGLE OF 4 DEGREES 51 MINUTES 6 SECONDS, AN ARC LENGTH OF 50.84 FEET, A CHORD BEARING OF NORTH 89 DEGREES 3 MINUTES 32 SECONDS EAST, AND A CHORD DISTANCE OF 50.83 FEET TO A POINT ON THE EAST LINE OF SAID LOT 70; THENCE SOUTH 4 DEGREES 39 MINUTES 39 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 78.82 FEET TO THE SOUTHEAST CORNER OF SAID LOT 70 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 770.00 FEET, ON THE SOUTH LINE OF SAID LOT 70, A DELTA ANGLE OF 4 DEGREES 39 MINUTES 56 SECONDS, AN ARC LENGTH OF 62.70 FEET, A CHORD BEARING OF SOUTH 87 DEGREES 40 MINUTES 19 SECONDS WEST, AND A CHORD DISTANCE OF 62.68 FEET TO A POINT; THENCE NORTH 89 DEGREES 59 MINUTES 43 SECONDS WEST, CONTINUING ON

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration





# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

SAID LINE A DISTANCE OF 27.86 FEET TO THE POINT OF BEGINNING.

LOT 71: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 71, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 0 DEGREES 15 MINUTES 48 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 71, A DISTANCE OF 80.26 FEET TO A POINT; THENCE NORTH 90 DEGREES 0 MINUTES 0 SECONDS EAST, A DISTANCE OF 76.41 FEET TO A POINT ON THE EAST LINE OF SAID LOT 71; THENCE SOUTH 0 DEGREES 15 MINUTES 48 SECONDS WEST, ALONG SAID LINE A A DISTANCE OF 80.27 FEET TO THE SOUTHEAST CORNER OF SAID LOT 71; THENCE NORTH 89 DEGREES 59 MINUTES 43 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 70, A DISTANCE OF 76.41 FEET TO THE POINT OF BEGINNING..

LOT 72: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 72, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 0 DEGREES 15 MINUTES 48 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 72, A DISTANCE OF 80.25 FEET TO A POINT; THENCE NORTH 90 DEGREES 0 MINUTES 0 SECONDS EAST, A DISTANCE OF 75.16 FEET TO A POINT ON THE EAST LINE OF SAID LOT 72; THENCE SOUTH 0 DEGREES 15 MINUTES 48 SECONDS WEST, ALONG SAID LINE A A DISTANCE OF 80.26 FEET TO THE SOUTHEAST CORNER OF SAID LOT 72; THENCE NORTH 89 DEGREES 59 MINUTES 43 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 72, A DISTANCE OF 75.16 FEET TO THE POINT OF BEGINNING.

LOT 73: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 73, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 3 DEGREES 9 MINUTES 36 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 73, A DISTANCE OF 80.45 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 318.59 FEET, A DELTA ANGLE OF 2 DEGREES 7 MINUTES 52 SECONDS, AN ARC LENGTH OF 11.85 FEET, A CHORD BEARING OF SOUTH 89 DEGREES 0 MINUTES 43 SECONDS EAST, AND A CHORD DISTANCE OF 11.85 FEET TO A POINT; THENCE NORTH 90 DEGREES 0 MINUTES 0 SECONDS EAST, A DISTANCE OF 73.96 FEET TO A POINT ON THE EAST LINE OF SAID LOT 73; THENCE SOUTH 0 DEGREES 15 MINUTES 48 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 80.25 FEET TO THE SOUTHEAST CORNER OF SAID LOT 73; THENCE NORTH 89 DEGREES 59 MINUTES 43 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 73, A DISTANCE OF 80.30 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 01 DEGREE 28 MINUTES 59 SECONDS, AN ARC LENGTH OF 9.58 FEET, A CHORD BEARING OF NORTH 89 DEGREES 15 MINUTES 13 SECONDS WEST, AND A CHORD DISTANCE OF 9.58 FEET TO THE POINT OF BEGINNING.

LOT 74: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 74, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 15 DEGREES 13 MINUTES 22 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 74, A DISTANCE OF 80.85 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 318.59 FEET, A DELTA ANGLE OF 14 DEGREES 50 MINUTES 22 SECONDS, AN ARC LENGTH OF 82.51 FEET, A CHORD BEARING OF SOUTH 80 DEGREES 31 MINUTES 37 SECONDS EAST, AND A CHORD DISTANCE OF 82.28 FEET TO A POINT ON THE EAST LINE OF SAID LOT 74; THENCE SOUTH 3 DEGREES 9 MINUTES 36 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 80.45 FEET TO THE SOUTHEAST CORNER OF SAID LOT 74 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 74, A DELTA ANGLE OF 15 DEGREES 24 MINUTES 46 SECONDS, AN ARC LENGTH OF 99.53 FEET, A

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A handwritten signature in black ink, appearing to read "Luis V. Rodriguez".

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

CHORD BEARING OF NORTH 80 DEGREES 48 MINUTES 21 SECONDS WEST, AND A CHORD DISTANCE OF 99.23 FEET TO THE POINT OF BEGINNING.

LOT 75: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 75, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 25 DEGREES 19 MINUTES 55 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 75, A DISTANCE OF 79.76 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 318.59 FEET, A DELTA ANGLE OF 13 DEGREES 8 MINUTES 35 SECONDS, AN ARC LENGTH OF 73.08 FEET, A CHORD BEARING OF SOUTH 66 DEGREES 32 MINUTES 8 SECONDS EAST, AND A CHORD DISTANCE OF 72.92 FEET TO A POINT ON THE WEST LINE OF SAID LOT 75; THENCE SOUTH 15 DEGREES 13 MINUTES 22 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 80.85 FEET TO THE SOUTHEAST CORNER OF SAID LOT 75 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 75, A DELTA ANGLE OF 13 DEGREES 31 MINUTES 15 SECONDS, AN ARC LENGTH OF 87.31 FEET, A CHORD BEARING OF NORTH 66 DEGREES 20 MINUTES 20 SECONDS WEST, AND A CHORD DISTANCE OF 87.11 FEET TO THE POINT OF BEGINNING.

LOT 76: BEGINNING AT THE WEST CORNER OF SAID LOT 76, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 30 DEGREES 21 MINUTES 21 SECONDS EAST, ALONG THE NORTHWEST LINE OF SAID LOT 76, A DISTANCE OF 79.46 FEET TO A POINT; THENCE SOUTH 58 DEGREES 35 MINUTES 14 SECONDS EAST, A DISTANCE OF 63.73 FEET TO A POINT SOUTHEAST LINE OF SAID LOT 76; THENCE SOUTH 25 DEGREES 19 MINUTES 55 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 79.77 FEET TO THE SOUTH CORNER OF SAID LOT 76 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 370.00 FEET, ALONG THE SOUTHWEST LINE OF SAID LOT 76, A DELTA ANGLE OF 0 DEGREES 55 MINUTES 41 SECONDS, AN ARC LENGTH OF 5.99 FEET, A CHORD BEARING OF NORTH 59 DEGREES 6 MINUTES 53 SECONDS WEST, AND A CHORD DISTANCE OF 5.99 FEET TO A POINT; THENCE NORTH 58 DEGREES 39 MINUTES 2 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 64.72 FEET TO THE POINT OF BEGINNING.

LOT 103: BEGINNING AT THE EAST CORNER OF SAID LOT 103, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 46 DEGREES 16 MINUTES 15 SECONDS WEST, ALONG THE SOUTHEAST LINE OF SAID LOT 103, A DISTANCE OF 101.74 FEET TO A POINT; THENCE NORTH 44 DEGREES 26 MINUTES 52 SECONDS WEST, A DISTANCE OF 57.49 FEET TO A POINT; THENCE NORTH 52 DEGREES 57 MINUTES 58 SECONDS WEST, A DISTANCE OF 4.00 FEET TO A POINT ON THE NORTHWEST LINE OF SAID LOT 103; THENCE NORTH 40 DEGREES 19 MINUTES 59 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 104.40 FEET TO THE NORTH CORNER OF SAID LOT 103 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 270.00 FEET, ALONG THE NORTHEAST LINE OF SAID LOT 103, A DELTA ANGLE OF 11 DEGREES 35 MINUTES 15 SECONDS, AN ARC LENGTH OF 54.60 FEET, A CHORD BEARING OF SOUTH 43 DEGREES 52 MINUTES 23 SECONDS EAST, AND A CHORD DISTANCE OF 54.51 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 180.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 5 DEGREES 38 MINUTES 59 SECONDS, AN ARC LENGTH OF 17.75 FEET, A CHORD BEARING OF SOUTH 40 DEGREES 54 MINUTES 15 SECONDS EAST, AND A CHORD DISTANCE OF 17.74 FEET TO THE POINT OF BEGINNING.

LOT 104: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 104, SAID POINT BEING THE POINT

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 27 DEGREES 34 MINUTES 1 SECOND WEST, ALONG THE EAST LINE OF SAID LOT 104, A DISTANCE OF 94.40 FEET TO A POINT; THENCE NORTH 57 DEGREES 59 MINUTES 44 SECONDS WEST, A DISTANCE OF 88.49 FEET TO A POINT; THENCE NORTH 44 DEGREES 26 MINUTES 52 SECONDS WEST, A DISTANCE OF 2.23 FEET TO A POINT ON THE WEST LINE OF SAID LOT 104; THENCE NORTH 46 DEGREES 16 MINUTES 15 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 101.74 FEET TO THE NORTHWEST CORNER OF SAID LOT 104 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 180.00 FEET, ALONG THE NORTH LINE OF SAID LOT 104, A DELTA ANGLE OF 18 DEGREES 42 MINUTES 14 SECONDS, AN ARC LENGTH OF 58.76 FEET, A CHORD BEARING OF SOUTH 53 DEGREES 4 MINUTES 52 SECONDS EAST, AND A CHORD DISTANCE OF 58.50 FEET TO THE POINT OF BEGINNING.

LOT 105: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 105, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 8 DEGREES 51 MINUTES 48 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 105 A DISTANCE OF 91.23 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 254.65 FEET, A DELTA ANGLE OF 19 DEGREES 56 MINUTES 44 SECONDS, AN ARC LENGTH OF 88.65 FEET, A CHORD BEARING OF NORTH 73 DEGREES 53 MINUTES 54 SECONDS WEST, AND A CHORD DISTANCE OF 88.20 FEET TO A POINT; THENCE NORTH 57 DEGREES 59 MINUTES 44 SECONDS WEST, A DISTANCE OF 0.54 FEET TO A POINT ON THE WEST LINE OF SAID LOT 105; THENCE NORTH 27 DEGREES 34 MINUTES 1 SECOND EAST, ALONG SAID LINE A DISTANCE OF 94.40 FEET TO THE NORTHWEST CORNER OF SAID LOT 105 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 180.00 FEET, ALONG THE NORTH LINE OF SAID LOT 105, A DELTA ANGLE OF 18 DEGREES 42 MINUTES 12 SECONDS, AN ARC LENGTH OF 58.76 FEET, A CHORD BEARING OF SOUTH 71 DEGREES 47 MINUTES 5 SECONDS EAST, AND A CHORD DISTANCE OF 58.50 FEET TO THE POINT OF BEGINNING.

LOT 106: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 106, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 0 MINUTES 45 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 106, A DISTANCE OF 92.42 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 341.06 FEET, A DELTA ANGLE OF 12 DEGREES 28 MINUTES 45 SECONDS, AN ARC LENGTH OF 74.29 FEET, A CHORD BEARING OF NORTH 85 DEGREES 35 MINUTES 0 SECONDS WEST, AND A CHORD DISTANCE OF 74.14 FEET TO A POINT ON THE WEST LINE OF SAID LOT 106; THENCE NORTH 8 DEGREES 51 MINUTES 48 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 91.24 FEET TO THE NORTHWEST CORNER OF SAID LOT 106 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 180.00 FEET, ALONG THE NORTH LINE OF SAID LOT 106, A DELTA ANGLE OF 6 DEGREES 51 MINUTES 3 SECONDS, AN ARC LENGTH OF 21.52 FEET, A CHORD BEARING OF SOUTH 84 DEGREES 33 MINUTES 43 SECONDS EAST, AND A CHORD DISTANCE OF 21.51 FEET TO A POINT; THENCE SOUTH 87 DEGREES 59 MINUTES 15 SECONDS EAST, CONTINUING ALONG SAID LINE A DISTANCE OF 41.72 FEET TO THE POINT OF BEGINNING.

LOT 107: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 107, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 2 DEGREES 0 MINUTES 45 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 107, A DISTANCE OF 91.58 FEET TO A POINT; THENCE NORTH 88 DEGREES 35 MINUTES 41 SECONDS WEST, A DISTANCE OF 74.39 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

341.06 FEET, A DELTA ANGLE OF 0 DEGREES 7 MINUTES 11 SECONDS, AN ARC LENGTH OF 0.71 FEET, A CHORD BEARING OF SOUTH 88 DEGREES 7 MINUTES 2 SECONDS WEST, AND A CHORD DISTANCE OF 0.71 FEET TO A POINT ON THE WEST LINE OF SAID LOT 107; THENCE NORTH 2 DEGREES 0 MINUTES 45 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 92.42 FEET TO THE NORTHWEST CORNER OF SAID LOT 107; THENCE SOUTH 87 DEGREES 59 MINUTES 15 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 107, A DISTANCE OF 75.09 FEET TO THE POINT OF BEGINNING.

LOT 108: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 108, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 01 DEGREE 24 MINUTES 38 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 108, A DISTANCE OF 90.80 FEET TO A POINT; THENCE NORTH 90 DEGREE 0 MINUTES 0 SECONDS WEST, A DISTANCE OF 0.67 FEET TO A POINT; THENCE NORTH 88 DEGREES 35 MINUTES 41 SECONDS WEST, A DISTANCE OF 75.16 FEET TO A POINT ON THE WEST LINE OF SAID LOT 108; THENCE NORTH 2 DEGREES 0 MINUTES 45 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 91.58 FEET TO THE NORTHWEST CORNER OF SAID LOT 108; THENCE SOUTH 87 DEGREES 59 MINUTES 15 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 108, A DISTANCE OF 68.62 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 595.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 0 DEGREES 36 MINUTES 7 SECONDS, AN ARC LENGTH OF 6.25 FEET, A CHORD BEARING OF SOUTH 88 DEGREES 17 MINUTES 18 SECONDS EAST, AND A CHORD DISTANCE OF 6.25 FEET TO THE POINT OF BEGINNING.

LOT 109: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 109, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 7 DEGREES 5 MINUTES 56 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 109 A DISTANCE OF 82.40 FEET TO A POINT; THENCE SOUTH 85 DEGREES 40 MINUTES 42 SECONDS WEST, A DISTANCE OF 9.42 FEET TO A POINT; THENCE SOUTH 64 DEGREES 56 MINUTES 1 SECOND WEST, A DISTANCE OF 11.86 FEET TO A POINT; THENCE SOUTH 86 DEGREES 20 MINUTES 19 SECONDS WEST, A DISTANCE OF 46.51 FEET TO A POINT; THENCE SOUTH 52 DEGREES 36 MINUTES 57 SECONDS WEST, A DISTANCE OF 4.89 FEET TO A POINT; THENCE NORTH 90 DEGREE 0 MINUTES 0 SECONDS WEST, A DISTANCE OF 14.88 FEET TO A POINT ON THE WEST LINE OF SAID LOT 109; THENCE NORTH 01 DEGREE 24 MINUTES 38 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 90.80 FEET TO THE NORTHWEST CORNER OF SAID LOT 109 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 595.00 FEET, ALONG THE NORTH LINE OF SAID LOT 109, A DELTA ANGLE OF 7 DEGREES 01 MINUTE 47 SECONDS, AN ARC LENGTH OF 73.00 FEET, A CHORD BEARING OF NORTH 87 DEGREES 53 MINUTES 45 SECONDS EAST, AND A CHORD DISTANCE OF 72.96 FEET TO THE POINT OF BEGINNING.

LOT 110: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 110, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 4 DEGREES 54 MINUTES 38 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 110, A DISTANCE OF 81.89 FEET TO A POINT; THENCE SOUTH 48 DEGREES 40 MINUTES 26 SECONDS WEST, A DISTANCE OF 1.79 FEET TO A POINT; THENCE SOUTH 85 DEGREES 40 MINUTES 42 SECONDS WEST, A DISTANCE OF 72.44 FEET TO A POINT ON THE WEST LINE OF SAID LOT 110; THENCE NORTH 7 DEGREES 5 MINUTES 56 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 82.40 FEET TO THE NORTHWEST CORNER OF SAID LOT 110 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 595.00 FEET, ALONG THE NORTH LINE OF SAID LOT 110, A DELTA ANGLE OF 3 DEGREES 28 MINUTES 34 SECONDS, AN ARC LENGTH OF 36.10 FEET, A CHORD BEARING OF NORTH 82 DEGREES 38 MINUTES 34 SECONDS EAST, AND A CHORD DISTANCE OF 36.09 FEET TO A POINT OF

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Luis V. Rodriguez, P.E., Director  
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# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

REVERSE CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 220.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 14 DEGREES 21 MINUTES 46 SECONDS, AN ARC LENGTH OF 55.15 FEET, A CHORD BEARING OF NORTH 88 DEGREES 5 MINUTES 10 SECONDS EAST, AND A CHORD DISTANCE OF 55.00 FEET TO THE POINT OF BEGINNING.

LOT 111: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 111, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 14 DEGREES 12 MINUTES 7 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 111, A DISTANCE OF 77.44 FEET TO A POINT; THENCE NORTH 76 DEGREES 49 MINUTES 23 SECONDS WEST, A DISTANCE OF 69.73 FEET TO A POINT; THENCE SOUTH 48 DEGREES 40 MINUTES 26 SECONDS WEST, A DISTANCE OF 5.82 FEET TO A POINT ON THE WEST LINE OF SAID LOT 111; THENCE NORTH 4 DEGREES 54 MINUTES 38 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 81.89 FEET TO THE NORTHWEST CORNER OF SAID LOT 111 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 220.00 FEET, ALONG THE NORTH LINE OF SAID LOT 111, A DELTA ANGLE OF 8 DEGREES 56 MINUTES 4 SECONDS, AN ARC LENGTH OF 34.31 FEET, A CHORD BEARING OF SOUTH 80 DEGREES 15 MINUTES 55 SECONDS EAST, AND A CHORD DISTANCE OF 34.27 FEET TO A POINT; THENCE SOUTH 75 DEGREES 47 MINUTES 53 SECONDS EAST, CONTINUING ALONG SAID LINE A DISTANCE OF 52.07 FEET TO THE POINT OF BEGINNING.

LOT 112: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 112, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 14 DEGREES 12 MINUTES 7 SECONDS WEST, ALONG THE EAST LINE OF SAID LOT 112, A DISTANCE OF 71.86 FEET TO A POINT; THENCE NORTH 79 DEGREES 58 MINUTES 47 SECONDS WEST, A DISTANCE OF 76.28 FEET TO A POINT; THENCE NORTH 76 DEGREES 49 MINUTES 23 SECONDS WEST, A DISTANCE OF 0.60 FEET TO A POINT ON THE WEST LINE OF SAID LOT 112; THENCE NORTH 14 DEGREES 12 MINUTES 7 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 77.44 FEET TO THE NORTHWEST CORNER OF SAID LOT 112; THENCE SOUTH 75 DEGREES 47 MINUTES 53 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 112, A DISTANCE OF 76.67 FEET TO THE POINT OF BEGINNING.

LOT 113: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 113, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 15 DEGREES 55 MINUTES 17 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 113, A DISTANCE OF 74.75 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 29 DEGREES 44 MINUTES 53 SECONDS, AN ARC LENGTH OF 93.79 FEET, A CHORD BEARING OF NORTH 89 DEGREES 8 MINUTES 25 SECONDS WEST, AND A CHORD DISTANCE OF 92.74 FEET TO A POINT ON THE WEST LINE OF SAID LOT 113; THENCE NORTH 14 DEGREES 12 MINUTES 7 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 71.88 FEET TO THE NORTHWEST CORNER OF SAID LOT 113; THENCE SOUTH 75 DEGREES 47 MINUTES 53 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 113, A DISTANCE OF 0.04 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, CONTINUING ALONG SAID LINE A DELTA ANGLE OF 30 DEGREES 6 MINUTES 42 SECONDS, AN ARC LENGTH OF 55.18 FEET, A CHORD BEARING OF NORTH 89 DEGREES 8 MINUTES 4 SECONDS EAST, AND A CHORD DISTANCE OF 54.55 FEET TO THE POINT OF BEGINNING

LOT 114: BEGINNING AT THE NORTHEAST CORNER OF SAID LOT 114, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 46 DEGREES 3 MINUTES 42 SECONDS EAST, ALONG THE EAST LINE OF SAID LOT 114, A DISTANCE OF 77.89 FEET TO A POINT OF NON

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A handwritten signature in black ink, appearing to read "Luis V. Rodriguez".

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 30 DEGREES 16 MINUTES 24 SECONDS, AN ARC LENGTH OF 95.44 FEET, A CHORD BEARING OF SOUTH 60 DEGREES 50 MINUTES 57 SECONDS WEST, AND A CHORD DISTANCE OF 94.34 FEET TO A POINT ON THE WEST LINE OF SAID LOT 114; THENCE NORTH 15 DEGREES 55 MINUTES 17 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 74.75 FEET TO THE NORTHWEST CORNER OF SAID LOT 114 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE NORTH LINE OF SAID LOT 114, A DELTA ANGLE OF 30 DEGREES 8 MINUTES 24 SECONDS, AN ARC LENGTH OF 55.23 FEET, A CHORD BEARING OF NORTH 59 DEGREES 0 MINUTES 30 SECONDS EAST, AND A CHORD DISTANCE OF 54.60 FEET TO THE POINT OF BEGINNING.

LOT 115: BEGINNING AT THE NORTH CORNER OF SAID LOT 115, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF SOUTH 76 DEGREES 12 MINUTES 6 SECONDS EAST, ALONG THE NORTHEAST LINE OF SAID LOT 115, A DISTANCE OF 80.43 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 30 DEGREES 45 MINUTES 11 SECONDS, AN ARC LENGTH OF 96.95 FEET, A CHORD BEARING OF SOUTH 30 DEGREES 20 MINUTES 9 SECONDS WEST, AND A CHORD DISTANCE OF 95.79 FEET TO A POINT ON THE SOUTHWEST LINE OF SAID LOT 115; THENCE NORTH 46 DEGREES 3 MINUTES 42 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 77.89 FEET TO THE WEST CORNER OF SAID LOT 115 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE NORTHWEST LINE OF SAID LOT 115, A DELTA ANGLE OF 30 DEGREES 8 MINUTES 24 SECONDS, AN ARC LENGTH OF 55.23 FEET, A CHORD BEARING OF NORTH 28 DEGREES 52 MINUTES 6 SECONDS EAST, AND A CHORD DISTANCE OF 54.60 FEET TO THE POINT OF BEGINNING.

LOT 116: BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 116, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 73 DEGREES 52 MINUTES 58 SECONDS EAST, ALONG THE NORTH LINE OF SAID LOT 116, A DISTANCE OF 81.65 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 30 DEGREES 50 MINUTES 4 SECONDS, AN ARC LENGTH OF 97.21 FEET, A CHORD BEARING OF SOUTH 0 DEGREES 27 MINUTES 28 SECONDS EAST, AND A CHORD DISTANCE OF 96.04 FEET TO A POINT ON THE SOUTH LINE OF SAID LOT 116; THENCE NORTH 76 DEGREES 12 MINUTES 6 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 80.43 FEET TO THE SOUTHWEST CORNER OF SAID LOT 116 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE WEST LINE OF SAID LOT 116, A DELTA ANGLE OF 29 DEGREES 54 MINUTES 55 SECONDS, AN ARC LENGTH OF 54.82 FEET, A CHORD BEARING OF NORTH 01 DEGREE 9 MINUTES 34 SECONDS WEST, AND A CHORD DISTANCE OF 54.20 FEET TO THE POINT OF BEGINNING.

LOT 117: BEGINNING AT THE WEST CORNER OF SAID LOT 117, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 43 DEGREES 44 MINUTES 34 SECONDS EAST, ALONG THE NORTHWEST LINE OF SAID LOT 117, A DISTANCE OF 81.20 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 31 DEGREES 7 MINUTES 51 SECONDS, AN ARC LENGTH OF 98.15 FEET, A CHORD BEARING OF SOUTH 31 DEGREES 26 MINUTES 26 SECONDS EAST, AND A CHORD DISTANCE OF 96.94 FEET TO A POINT ON THE SOUTHEAST LINE OF SAID LOT 117; THENCE SOUTH 73 DEGREES 52 MINUTES 58 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 81.65 FEET

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

TO THE SOUTH CORNER OF SAID LOT 117 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE SOUTHWEST LINE OF SAID LOT 117, A DELTA ANGLE OF 30 DEGREES 8 MINUTES 24 SECONDS, AN ARC LENGTH OF 55.23 FEET, A CHORD BEARING OF NORTH 31 DEGREES 11 MINUTES 14 SECONDS WEST, AND A CHORD DISTANCE OF 54.60 FEET TO THE POINT OF BEGINNING.

LOT 118: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 118, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 13 DEGREES 36 MINUTES 10 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 118, A DISTANCE OF 79.21 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 30 DEGREES 55 MINUTES 42 SECONDS, AN ARC LENGTH OF 97.51 FEET, A CHORD BEARING OF SOUTH 62 DEGREES 28 MINUTES 12 SECONDS EAST, AND A CHORD DISTANCE OF 96.33 FEET TO A POINT ON THE EAST LINE OF SAID LOT 118; THENCE SOUTH 43 DEGREES 44 MINUTES 34 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 81.20 FEET TO THE SOUTHEAST CORNER OF SAID LOT 118 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 118, A DELTA ANGLE OF 30 DEGREES 8 MINUTES 24 SECONDS, AN ARC LENGTH OF 55.23 FEET, A CHORD BEARING OF NORTH 61 DEGREES 19 MINUTES 38 SECONDS WEST, AND A CHORD DISTANCE OF 54.60 FEET TO THE POINT OF BEGINNING.

LOT 119: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 119, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 16 DEGREES 32 MINUTES 15 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 119, A DISTANCE OF 76.25 FEET TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 180.64 FEET, A DELTA ANGLE OF 30 DEGREES 30 MINUTES 47 SECONDS, AN ARC LENGTH OF 96.20 FEET, A CHORD BEARING OF NORTH 86 DEGREES 48 MINUTES 33 SECONDS EAST, AND A CHORD DISTANCE OF 95.06 FEET TO A POINT ON THE EAST LINE OF SAID LOT 119; THENCE SOUTH 13 DEGREES 36 MINUTES 10 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 79.21 FEET TO THE SOUTHEAST CORNER OF SAID LOT 119 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 119, A DELTA ANGLE OF 30 DEGREES 8 MINUTES 24 SECONDS, AN ARC LENGTH OF 55.23 FEET, A CHORD BEARING OF SOUTH 88 DEGREES 31 MINUTES 57 SECONDS WEST, AND A CHORD DISTANCE OF 54.60 FEET TO THE POINT OF BEGINNING.

LOT 120: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 120, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 41 DEGREES 33 MINUTES 29 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 120, A DISTANCE OF 85.91 FEET TO A POINT; THENCE NORTH 65 DEGREES 11 MINUTES 30 SECONDS EAST, A DISTANCE OF 90.72 FEET TO A POINT ON THE EAST LINE OF SAID LOT 120; THENCE SOUTH 16 DEGREES 34 MINUTES 29 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 76.25 FEET TO THE SOUTHEAST CORNER OF SAID LOT 120 TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT, HAVING A RADIUS OF 105.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 120, A DELTA ANGLE OF 30 DEGREES 37 MINUTES 38 SECONDS, AN ARC LENGTH OF 56.13 FEET, A CHORD BEARING OF SOUTH 58 DEGREES 8 MINUTES 56 SECONDS WEST, AND A CHORD DISTANCE OF 55.46 FEET TO THE POINT OF BEGINNING.

LOT 121: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 121, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 21 DEGREES 4 MINUTES 52 SECONDS

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

WEST, ALONG THE WEST LINE OF SAID LOT 121, A DISTANCE OF 89.96 FEET TO A POINT; THENCE NORTH 57 DEGREES 5 MINUTES 39 SECONDS EAST, A DISTANCE OF 62.57 FEET TO A POINT; THENCE NORTH 65 DEGREES 11 MINUTES 30 SECONDS EAST, A DISTANCE OF 1.06 FEET TO A POINT ON THE EAST LINE OF SAID LOT 121; THENCE SOUTH 41 DEGREES 33 MINUTES 29 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 85.91 FEET TO THE SOUTHEAST CORNER OF SAID LOT 121 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 220.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 121, A DELTA ANGLE OF 24 DEGREES 56 MINUTES 37 SECONDS, AN ARC LENGTH OF 95.78 FEET, A CHORD BEARING OF SOUTH 55 DEGREES 18 MINUTES 26 SECONDS WEST, AND A CHORD DISTANCE OF 95.02 FEET TO THE POINT OF BEGINNING.

LOT 122: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 122, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 11 DEGREES 9 MINUTES 49 SECONDS WEST, A DISTANCE OF 91.12 FEET TO A POINT; THENCE NORTH 75 DEGREES 30 MINUTES 25 SECONDS EAST, A DISTANCE OF 61.92 FEET TO A POINT ON THE EAST LINE OF SAID LOT 122; THENCE SOUTH 21 DEGREES 4 MINUTES 52 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 90.01 FEET TO THE SOUTHEAST CORNER OF SAID LOT 122 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 220.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 122, A DELTA ANGLE OF 4 DEGREES 39 MINUTES 18 SECONDS, AN ARC LENGTH OF 17.87 FEET, A CHORD BEARING OF SOUTH 70 DEGREES 6 MINUTES 23 SECONDS WEST, AND A CHORD DISTANCE OF 17.87 FEET TO A POINT OF COMPOUND CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 535.00 FEET, CONTINUING ALONG SAID LINE, A DELTA ANGLE OF 6 DEGREES 24 MINUTES 9 SECONDS, AN ARC LENGTH OF 59.78 FEET, A CHORD BEARING OF SOUTH 75 DEGREES 38 MINUTES 7 SECONDS WEST, AND A CHORD DISTANCE OF 59.75 FEET TO THE POINT OF BEGINNING.

LOT 123: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 123, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 3 DEGREES 8 MINUTES 48 SECONDS WEST, ALONG THE WEST LINE OF SAID LOT 123, A DISTANCE OF 93.62 FEET TO A POINT; THENCE NORTH 85 DEGREES 6 MINUTES 5 SECONDS EAST, A DISTANCE OF 61.93 FEET TO A POINT ON THE EAST LINE OF SAID LOT 123; THENCE SOUTH 11 DEGREES 9 MINUTES 49 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 91.17 FEET TO THE SOUTHEAST CORNER OF SAID LOT 123 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 535.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 123, A DELTA ANGLE OF 8 DEGREES 01 MINUTE 1 SECOND, AN ARC LENGTH OF 74.86 FEET, A CHORD BEARING OF SOUTH 82 DEGREES 50 MINUTES 42 SECONDS WEST, AND A CHORD DISTANCE OF 74.80 FEET TO THE POINT OF BEGINNING.

LOT 124: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 124, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 2 DEGREES 0 MINUTES 45 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 124, A DISTANCE OF 95.24 FEET TO A POINT; THENCE SOUTH 88 DEGREES 5 MINUTES 54 SECONDS EAST, A DISTANCE OF 72.80 FEET TO A POINT ON THE EAST LINE OF SAID LOT 124; THENCE SOUTH 3 DEGREES 8 MINUTES 48 SECONDS EAST, ALONG SAID LINE A DISTANCE OF 93.60 FEET TO THE SOUTHEAST CORNER OF SAID LOT 124 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE RIGHT, HAVING A RADIUS OF 535.00 FEET, ALONG THE SOUTH LINE OF SAID LOT 124, A DELTA ANGLE OF 5 DEGREES 9 MINUTES 33 SECONDS, AN ARC LENGTH OF 48.17 FEET, A CHORD BEARING OF SOUTH 89 DEGREES 25 MINUTES 58 SECONDS WEST, AND A CHORD DISTANCE OF 48.16 FEET TO A POINT; THENCE NORTH

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration





# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

87 DEGREES 59 MINUTES 15 SECONDS WEST, CONTINUING ALONG SAID LINE A DISTANCE OF 33.11 FEET TO THE POINT OF BEGINNING.

LOT 125: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 125, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 2 DEGREES 0 MINUTES 45 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 125, A DISTANCE OF 95.08 FEET TO A POINT; THENCE SOUTH 88 DEGREES 5 MINUTES 54 SECONDS EAST, A DISTANCE OF 85.00 FEET TO A POINT ON THE EAST LINE OF SAID LOT 125; THENCE SOUTH 2 DEGREES 0 MINUTES 45 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 95.24 FEET TO THE SOUTHEAST CORNER OF SAID LOT 125; THENCE NORTH 87 DEGREES 59 MINUTES 15 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 125, A DISTANCE OF 85.00 FEET TO THE POINT OF BEGINNING.

LOT 126: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 126, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 2 DEGREES 0 MINUTES 45 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 126, A DISTANCE OF 94.95 FEET TO A POINT; THENCE SOUTH 88 DEGREES 5 MINUTES 54 SECONDS EAST, A DISTANCE OF 64.99 FEET TO A POINT ON THE EAST LINE OF SAID LOT 126; THENCE SOUTH 2 DEGREES 0 MINUTES 45 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 95.08 FEET TO THE SOUTHEAST CORNER OF SAID LOT 126; THENCE NORTH 87 DEGREES 59 MINUTES 15 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 126, A DISTANCE OF 64.99 FEET TO THE POINT OF BEGINNING.

LOT 127: BEGINNING AT THE SOUTHWEST CORNER OF SAID LOT 127, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 42 DEGREES 45 MINUTES 42 SECONDS EAST, ALONG THE WEST LINE OF SAID LOT 127, A DISTANCE OF 96.27 FEET TO A POINT; THENCE SOUTH 42 DEGREES 6 MINUTES 19 SECONDS EAST, A DISTANCE OF 50.87 FEET TO A POINT; THENCE SOUTH 70 DEGREES 44 MINUTES 2 SECONDS EAST, A DISTANCE OF 15.30 FEET TO A POINT ON THE EAST LINE OF SAID LOT 127; THENCE SOUTH 2 DEGREES 0 MINUTES 45 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 95.03 FEET TO THE SOUTHEAST CORNER OF SAID LOT 127; THENCE NORTH 87 DEGREES 59 MINUTES 15 SECONDS WEST, ALONG THE SOUTH LINE OF SAID LOT 127, A DISTANCE OF 2.34 FEET TO A POINT OF CURVATURE; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 120.00 FEET, CONTINUING ALONG SAID LINE, A DELTA ANGLE OF 49 DEGREES 54 MINUTES 29 SECONDS, AN ARC LENGTH OF 104.53 FEET, A CHORD BEARING OF NORTH 63 DEGREES 2 MINUTES 0 SECONDS WEST, AND A CHORD DISTANCE OF 101.25 FEET TO A POINT OF REVERSE CURVATURE; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 330.00 FEET, CONTINUING ALONG SAID LINE, A DELTA ANGLE OF 4 DEGREES 48 MINUTES 51 SECONDS, AN ARC LENGTH OF 27.73 FEET, A CHORD BEARING OF NORTH 40 DEGREES 29 MINUTES 11 SECONDS WEST, AND A CHORD DISTANCE OF 27.72 FEET TO THE POINT OF BEGINNING.

LOT 128: BEGINNING AT THE WEST CORNER OF SAID LOT 128, SAID POINT BEING THE POINT OF BEGINNING; THENCE, ON ASSUMED BEARING OF NORTH 36 DEGREES 31 MINUTES 32 SECONDS EAST, ALONG THE NORTHWEST LINE OF SAID LOT 128, A DISTANCE OF 96.10 FEET TO A POINT; THENCE NORTH 90 DEGREES 0 MINUTES 0 SECONDS EAST, A DISTANCE OF 1.08 FEET TO A POINT; THENCE SOUTH 50 DEGREES 48 MINUTES 15 SECONDS EAST, A DISTANCE OF 51.82 FEET TO A POINT; THENCE SOUTH 40 DEGREES 28 MINUTES 6 SECONDS EAST, A DISTANCE OF 18.90 FEET TO A POINT ON THE SOUTHEAST LINE OF SAID LOT 128; THENCE SOUTH 42 DEGREES 45 MINUTES 42 SECONDS WEST, ALONG SAID LINE A DISTANCE OF 96.26 FEET TO THE SOUTH CORNER OF SAID LOT 128 AND TO A POINT OF NON TANGENT CURVATURE, THENCE ALONG A NON TANGENT CURVE TO THE LEFT,

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Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

### ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

HAVING A RADIUS OF 330.00 FEET, ALONG THE SOUTHWEST LINE OF SAID LOT 128 A DELTA ANGLE OF 10 DEGREES 34 MINUTES 51 SECONDS, AN ARC LENGTH OF 60.94 FEET, A CHORD BEARING OF NORTH 48 DEGREES 11 MINUTES 2 SECONDS WEST, AND A CHORD DISTANCE OF 60.85 FEET TO THE POINT OF BEGINNING.

#### DETERMINATION TABLE (CONTINUED)

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
17	--	Flatwater Lake Development 2nd Addition	--	Portion of Property	X (shaded)	--	--	1147.0 feet
26-38	--	Flatwater Lake Development 2nd Addition	--	Portion of Property	X (shaded)	--	--	1147.0 feet
49-76	--	Flatwater Lake Development 2nd Addition	--	Portion of Property	X (shaded)	--	--	1145.0 feet
103- 128	--	Flatwater Lake Development 3rd Addition	--	Portion of Property	X (shaded)	--	--	1145.0 feet

#### FILL RECOMMENDATION (This Additional Consideration applies to the preceding 5 Properties.)

The minimum NFIP criteria for removal of the subject area based on fill have been met for this request and the community in which the property is located has certified that the area and any subsequent structure(s) built on the filled area are reasonably safe from flooding. FEMA's Technical Bulletin 10-01 provides guidance for the construction of buildings on land elevated above the base flood elevation through the placement of fill. A copy of Technical Bulletin 10-01 can be obtained by calling the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/mit/tb1001.pdf>. Although the minimum NFIP standards no longer apply to this area, some communities may have floodplain management regulations that are more restrictive and may continue to enforce some or all of their requirements in areas outside the Special Flood Hazard Area.

#### PORTIONS OF THE PROPERTY REMAIN IN THE SFHA (This Additional Consideration applies to the preceding 5 Properties.)

Portions of this property, but not the subject of the Determination/Comment document, may remain in the Special Flood Hazard Area. Therefore, any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Information eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Engineering Library, 3601 Eisenhower Ave Ste 500, Alexandria, VA 22304-6426.

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration



# Federal Emergency Management Agency

Washington, D.C. 20472

## LETTER OF MAP REVISION BASED ON FILL DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

### **EXTRATERRITORIAL JURISDICTION (This Additional Consideration applies to the preceding 5 Properties.)**

The subject of the determination/comment is shown on the National Flood Insurance Program map as being located in an Extraterritorial Jurisdiction area for the community indicated on the Determination/Comment Document.

### **STATE AND LOCAL CONSIDERATIONS (This Additional Consideration applies to all properties in the LOMR-F DETERMINATION DOCUMENT (REMOVAL))**

Please note that this document does not override or supersede any State or local procedural or substantive provisions which may apply to floodplain management requirements associated with amendments to State or local floodplain zoning ordinances, maps, or State or local procedures adopted under the National Flood Insurance Program.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Information eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, Engineering Library, 3601 Eisenhower Ave Ste 500, Alexandria, VA 22304-6426.

A handwritten signature in black ink, appearing to read "Luis V. Rodriguez".

Luis V. Rodriguez, P.E., Director  
Engineering and Modeling Division  
Federal Insurance and Mitigation Administration