



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT

DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	KERR COUNTY, TEXAS (Unincorporated Areas)	A parcel of land, as described in the Deed, filed for record on July 10, 1962, in the Office of the County Clerk, Kerr County, Texas
	COMMUNITY NO.: 480419	
AFFECTED MAP PANEL	NUMBER: 48265C0450F	
	DATE: 3/3/2011	
FLOODING SOURCE: CYPRESS CREEK; EDMUNSON CREEK; SOUTH FORK GUADALUPE RIVER		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY:30.009000, -99.370000 SOURCE OF LAT & LONG: GOOGLE EARTH PRO 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)
--	--	--	2689 Highway 39	Structure (Building 13) Giggle Box	X (shaded)	1838.5 feet	1843.5 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.)

DETERMINATION TABLE (CONTINUED)
PORTIONS REMAIN IN THE FLOODWAY

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on 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 amends 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.

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 Mapping and Insurance eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 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 AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

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)
--	--	--	2689 Highway 39	Structure (Building 19) Idiot's Delight	X (unshaded)	1839.9 feet	1855.7 feet	--
--	--	--	2689 Highway 39	Structure (Building 27) Office	X (shaded)	1839.0 feet	1844.7 feet	--
--	--	--	2689 Highway 39	Structure (Building 20) Jumble House	X (shaded)	1838.5 feet	1842.5 feet	--
--	--	--	2689 Highway 39	Structure (Building 26) Nut Hut	X (shaded)	1838.5 feet	1844.0 feet	--

PORIONS OF THE PROPERTY REMAIN IN THE FLOODWAY (This Additional Consideration applies to the preceding 5 Properties.)

A portion of this property is located within the Special Flood Hazard Area and the National Flood Insurance Program (NFIP) regulatory floodway for the flooding source indicated on the Determination/Comment Document while the subject of this determination is not. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory floodway is provided to the community as a tool to regulate floodplain development. Modifications to the NFIP regulatory floodway must be accepted by both the Federal Emergency Management Agency (FEMA) and the community involved. Appropriate community actions are defined in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office can be obtained by calling the FEMA Mapping and Insurance eXchange toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/about/regoff.htm>.

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FLOODING SOURCE: CYPRESS CREEK; EDMUNSON CREEK; SOUTH FORK GUADALUPE RIVER		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY:30.009000, -99.370000 SOURCE OF LAT & LONG: GOOGLE EARTH PRO 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)
--	--	--	2689 Highway 39	Structure (Building 28) Pop Inn	X (unshaded)	1838.9 feet	1840.8 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.)

DETERMINATION TABLE (CONTINUED)
PORTIONS REMAIN IN THE FLOODWAY
ZONE A

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on 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 amends 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.

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 Mapping and Insurance eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426.

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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

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)
--	--	--	2689 Highway 39	Structure (Building 22) Library	X (unshaded)	1839.5 feet	1849.0 feet	--
--	--	--	2689 Highway 39	Structure (Building 35) Squeeze Inn	X (unshaded)	1840.3 feet	1848.0 feet	--
--	--	--	2689 Highway 39	Structure (Building 14) Granny's House	X (unshaded)	1843.0 feet	1847.8 feet	--
--	--	--	2689 Highway 39	Structure (Building 38) Sugar Shack	X (unshaded)	1844.5 feet	1849.9 feet	--
--	--	--	2689 Highway 39	Structure (Building 37) Storage/ Cabin House	X (unshaded)	1845.6 feet	1852.0 feet	--
--	--	--	2689 Highway 39	Structure (Building 39) Tack Room	X (unshaded)	1852.7 feet	1856.2 feet	--
--	--	--	2689 Highway 39	Structure (Building 36) Stable	X (unshaded)	1854.5 feet	1856.4 feet	--
--	--	--	2689 Highway 39	Structure (Building 7) Casa del Arroyo	X (unshaded)	1862.7 feet	1867.0 feet	--
--	--	--	2689 Highway 39	Structure (Building 18) Heart Break	X (unshaded)	1864.8 feet	1866.5 feet	--
--	--	--	2689 Highway 39	Structure (Building 2) Angel's Attic	X (unshaded)	1839.2 feet	1861.1 feet	--

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--	--	--	2689 Highway 39	Structure (Building 33) Rough House	X (unshaded)	1839.2 feet	1856.7 feet	--
--	--	--	2689 Highway 39	Structure (Building 3) Bee Hive	X (unshaded)	1839.6 feet	1844.3 feet	--
--	--	--	2689 Highway 39	Structure (Building 11) Cypress Hollow	X (unshaded)	1840.0 feet	1845.3 feet	--
--	--	--	2689 Highway 39	Structure (Building 15) Guest House	X (unshaded)	1840.2 feet	1845.5 feet	--
--	--	--	2689 Highway 39	Structure (Building 30) Racket Shack	X (unshaded)	1840.4 feet	1846.9 feet	--
--	--	--	2689 Highway 39	Structure (Building 43) Big Rock Storage	X (unshaded)	1843.1 feet	1854.5 feet	--
--	--	--	2689 Highway 39	Structure (Building 45) Up the Creek	X (unshaded)	1843.6 feet	1853.2 feet	--
--	--	--	2689 Highway 39	Structure (Building 4) Big Rock	X (unshaded)	1843.3 feet	1852.1 feet	--

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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (REMOVAL) ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE FLOODWAY (This Additional Consideration applies to the preceding 19 Properties.)

A portion of this property is located within the Special Flood Hazard Area and the National Flood Insurance Program (NFIP) regulatory floodway for the flooding source indicated on the Determination/Comment Document while the subject of this determination is not. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory floodway is provided to the community as a tool to regulate floodplain development. Modifications to the NFIP regulatory floodway must be accepted by both the Federal Emergency Management Agency (FEMA) and the community involved. Appropriate community actions are defined in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office can be obtained by calling the FEMA Mapping and Insurance eXchange toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/about/regoff.htm>.

ZONE A (This Additional Consideration applies to the preceding 19 Properties.)

The National Flood Insurance Program map affecting this property depicts a Special Flood Hazard Area that was determined using the best flood hazard data available to FEMA, but without performing a detailed engineering analysis. The flood elevation used to make this determination is based on approximate methods and has not been formalized through the standard process for establishing base flood elevations published in the Flood Insurance Study. This flood elevation is subject to change.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426.

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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (OUT AS SHOWN)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	KERR COUNTY, TEXAS (Unincorporated Areas)	A parcel of land, as described in the Deed filed for record on July 10, 1962, in the Office of the County Clerk, Kerr County, Texas
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FLOODING SOURCE: CYPRESS CREEK; EDMUNSON CREEK; SOUTH FORK GUADALUPE RIVER	APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 30.009, -99.370 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83
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DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS OUTSIDE OF THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	2689 Highway 39	Structure (Building 8) Cloud Nine	X (unshaded)	--	--	--

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.)

PORTIONS REMAIN IN THE FLOODWAY

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on 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). The subject property is correctly shown outside the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. If the policy has been written using an incorrect zone, it can be endorsed to correct the zone for the current policy year and one prior policy term. Please contact the insurance agent or company involved to request endorsement of the policy. 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 Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (OUT AS SHOWN)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE FLOODWAY (This Additional Consideration applies to the preceding 1 Property.)

A portion of this property is located within the Special Flood Hazard Area and the National Flood Insurance Program (NFIP) regulatory floodway for the flooding source indicated on the Determination/Comment Document while the subject of this determination is not. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory floodway is provided to the community as a tool to regulate floodplain development. Modifications to the NFIP regulatory floodway must be accepted by both the Federal Emergency Management Agency (FEMA) and the community involved. Appropriate community actions are defined in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office 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/about/regoff.htm>.

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A handwritten signature in black ink, appearing to read "Luis Rodriguez", is located above the typed name.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (NON-REMOVAL)

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DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS NOT REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	2689 Highway 39	Structure (Building 31) Ranch House	A	1839.2 feet	1836.5 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
DETERMINATION TABLE (CONTINUED)
ZONE A

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are 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). Therefore, flood insurance is required for the property described above. The lowest adjacent grade elevation to a structure must be at or above the Base Flood Elevation for a structure to be outside of the SFHA.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination and information regarding your options for obtaining a Letter of Map Amendment. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

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LETTER OF MAP AMENDMENT DETERMINATION DOCUMENT (NON-REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LEGAL PROPERTY DESCRIPTION (CONTINUED)

The subject structures (Buildings 12 and 6) are located within the regulatory floodway for South Fork Guadalupe River. No construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State, and local regulations for floodplain management. In addition, placement of fill within a regulatory floodway may result in a violation of the NFIP regulations.

DETERMINATION TABLE (CONTINUED)

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS NOT REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	2689 Highway 39	Structure (Building 17) Hang Over	A	1839.1 feet	1833.4 feet	--
--	--	--	2689 Highway 39	Structure (Building 29) Pump House	A	1839.1 feet	1828.2 feet	--

ZONE A (This Additional Consideration applies to the preceding 3 Properties.)

The National Flood Insurance Program map affecting this property depicts a Special Flood Hazard Area that was determined using the best flood hazard data available to FEMA, but without performing a detailed engineering analysis. The flood elevation used to make this determination is based on approximate methods and has not been formalized through the standard process for establishing base flood elevations published in the Flood Insurance Study. This flood elevation is subject to change.

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--	--	--	2689 Highway 39	Structure (Building 12) Gate House	AE	1842.4 feet	1834.9 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
DETERMINATION TABLE (CONTINUED)

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LETTER OF MAP AMENDMENT

DETERMINATION DOCUMENT (NON-REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LEGAL PROPERTY DESCRIPTION (CONTINUED)

The subject structures (Buildings 12 and 6) are located within the regulatory floodway for South Fork Guadalupe River. No construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State, and local regulations for floodplain management. In addition, placement of fill within a regulatory floodway may result in a violation of the NFIP regulations.

DETERMINATION TABLE (CONTINUED)

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS NOT REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	2689 Highway 39	Structure (Building 6) Bug House	AE	1838.2 feet	1831.8 feet	--

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LETTER OF MAP REVISION FLOODWAY DETERMINATION DOCUMENT (REMOVAL)

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FLOODING SOURCE: CYPRESS CREEK; EDMUNSON CREEK; SOUTH FORK GUADALUPE RIVER		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 30.009, -99.370 SOURCE OF LAT & LONG: GOOGLE EARTH PRO 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)
--	--	--	2689 Highway 39	Structure (Building 42) Look Inn Storage	X (shaded)	1838.4 feet	1843.4 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.)

DETERMINATION TABLE (CONTINUED)
INADVERTENT INCLUSION FLOODWAY 1
PORTIONS REMAIN IN THE SFHA

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Revision for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are not located in the NFIP regulatory floodway or 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 NFIP regulatory floodway and 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 Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION FLOODWAY DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

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)
--	--	--	2689 Highway 39	Structure (Building 41) Twins 1 & 2	X (shaded)	1838.5 feet	1842.3 feet	--
--	--	--	2689 Highway 39	Structure (Building 40) Tumble Inn	X (shaded)	1838.4 feet	1840.8 feet	--
--	--	--	2689 Highway 39	Structure (Building 32) Rec Hall	X (shaded)	1839.0 feet	1841.1 feet	--
--	--	--	2689 Highway 39	Structure (Building 25) Mess Hall	X (shaded)	1838.9 feet	1831.7 feet	--
--	--	--	2689 Highway 39	Structure (Building 24) Look Out	X (shaded)	1839.9 feet	1847.5 feet	--
--	--	--	2689 Highway 39	Structure (Building 23) Look Inn	X (shaded)	1838.4 feet	1839.0 feet	--
--	--	--	2689 Highway 39	Structure (Building 21) Keep Out	X (shaded)	1838.5 feet	1842.3 feet	--
--	--	--	2689 Highway 39	Structure (Building 16) Hang Out	X (shaded)	1838.4 feet	1840.4 feet	--
--	--	--	2689 Highway 39	Structure (Building 9) Commissary	X (shaded)	1838.5 feet	1840.9 feet	--
--	--	--	2689 Highway 39	Structure (Building 5) Bubble Inn	X (shaded)	1838.5 feet	1843.0 feet	--

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION FLOODWAY DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

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)
--	--	--	2689 Highway 39	Structure (Building 44) Hang Out Storage	X (shaded)	1838.2 feet	1842.8 feet	--
--	--	--	2689 Highway 39	Structure (Building 1) 7th Heaven	X (shaded)	1839.9 feet	1858.1 feet	--
--	--	--	2690 Highway 39	Structure (Building 10) Cuckoo's Nest	X (shaded)	1839.9 feet	1854.3 feet	--
--	--	--	2691 Highway 39	Structure (Building 34) Shady Shack	X (shaded)	1839.9 feet	1854.4 feet	--

INADVERTENT INCLUSION IN THE FLOODWAY 1 (PORTIONS OF THE PROPERTY REMAIN IN THE FLOODWAY) (This Additional Consideration applies to the preceding 15 Properties.)

A portion of this property is located within the National Flood Insurance Program (NFIP) regulatory floodway for the flooding source indicated on the Determination Document, while the subject of this determination is not. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory floodway is provided to the community as a tool to regulate floodplain development. Therefore, the NFIP regulatory floodway modification described in the Determination Document, while acceptable to the Federal Emergency Management Agency (FEMA), must also be acceptable to the community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office 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/about/regoff.htm>.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION FLOODWAY DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE SFHA (This Additional Consideration applies to the preceding 15 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 Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

A handwritten signature in black ink, appearing to read "Luis Rodriguez", is located above the printed name.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

~~13-06-113~~
13-06-4293A

August 19, 2013

LOMC Clearinghouse
7390 Coca Cola Drive, Suite 204
Hanover, Maryland 21076
Attn: LOMA Manager

**Re: Letter of Map Amendment-Multiple Structures
Camp Mystic-2689 SH 39
Kerr County, Texas
Community No. 480419; FIRM No. 48265C0450F**

Dear Sir/Madam,

Enclosed herewith for your review are the following documents to support a request for a Letter of Map Amendment (LOMA) for the above referenced property:

1. Property Information Form (2 pages)
2. Elevation Form (1 page)
3. Copy of Property Deed for the property with County recordation stamp
4. Supporting Hydrology and Hydraulics and electronic files for the property
5. FEMA FIRMette for the subject property
6. Map showing structures, creeks, floodplain boundaries and HEC-RAS cross section locations
7. Elevation Certificates for 41 structures on property
8. Electronic copies of 41 Elevation Certificates
9. Electronic copy of property deeds

Camp Mystic is a girls summer camp located in the Texas Hill Country on the Guadalupe River. This LOMA request is to remove 35 of the 41 existing structures within Camp Mystic out of the floodplains located along a designated AE Zone on the Guadalupe River, designated A Zone on Cypress Creek and designated A Zone on Edmunson Creek in Kerr County, Texas. The attached Structure Summary Sheet lists each structure, date of construction, latitude, longitude, lowest adjacent grade, BFE, flooding source, occupancy type and foundation type. The majority of the structures are girls cabins located along the Guadalupe River with a concrete slab constructed on grade.

Detailed studies were performed on Cypress Creek and Edmunson Creek in order to determine the base flood elevations along these Zone A creeks. The base flood elevation (BFE) for Cypress Creek was calculated using HEC-HMS to determine the peak 1% (100-year) flow rate of 17,051 cfs and HEC-RAS to determine the hydraulics. The BFE for Edmunson Creek was also calculated using HEC-HMS to determine the peak 1% (100-year) flow rate of 2,940 cfs and HEC-RAS to determine the hydraulics. Supporting hydrologic and hydraulic calculations and electronic copies of the HEC-HMS and HEC-RAS files are attached.

RECEIVED
AUG 29 2013

The results of the evaluation are that 35 of the 41 structures have LAG's greater than the BFE at the location of the structure. As shown on the attached Structure Summary Sheet, Structure Nos. 6, 12, 17, 25, 29 and 31 have LAG's less than the BFE in the adjacent creek/river. Copies of the first two pages of the Elevation Certificates for each of the 41 structures are attached in this submittal. An electronic copy of all the Elevation Certificates including photographs of each structure are included on the attached CD.

Please feel free to call me at [REDACTED] or email me at [REDACTED] if you have any questions or would like additional information.

Respectfully,

[REDACTED]
Texas Registered Engineering Firm [REDACTED]

Enclosures



DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
PROPERTY INFORMATION FORM

O.M.B. NO. 1660-0015
Expires February 28, 2014

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this data collection is estimated to average 1.63 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and submitting the form. This collection is required to obtain or retain benefits. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 1800 South Bell Street, Arlington, VA 20598-3005, Paperwork Reduction Project (1660-0015). **NOTE: Do not send your completed form to this address.**

This form may be completed by the property owner, property owner's agent, licensed land surveyor, or registered professional engineer to support a request for a Letter of Map Amendment (LOMA), Conditional Letter of Map Amendment (CLOMA), Letter of Map Revision Based on Fill (LOMR-F), or Conditional Letter of Map Revision Based on Fill (CLOMR-F) for existing or proposed, single or multiple lots/structures. In order to process your request, all information on this form must be completed **in its entirety**, unless stated as optional. **Incomplete submissions will result in processing delays.** Please check the item below that describes your request:

<input checked="" type="checkbox"/> LOMA	A letter from DHS-FEMA stating that an existing structure or parcel of land that has not been elevated by fill (natural grade) would not be inundated by the base flood.
<input type="checkbox"/> CLOMA	A letter from DHS-FEMA stating that a proposed structure that is not to be elevated by fill (natural grade) would not be inundated by the base flood if built as proposed.
<input type="checkbox"/> LOMR-F	A letter from DHS-FEMA stating that an existing structure or parcel of land that has been elevated by fill would not be inundated by the base flood.
<input type="checkbox"/> CLOMR-F	A letter from DHS-FEMA stating that a parcel of land or proposed structure that will be elevated by fill would not be inundated by the base flood if fill is placed on the parcel as proposed or the structure is built as proposed.

Fill is defined as material from any source (including the subject property) placed that raises the ground to or above the Base Flood Elevation (BFE). The common construction practice of removing unsuitable existing material (topsoil) and backfilling with select structural material is not considered the placement of fill if the practice does not alter the existing (natural grade) elevation, which is at or above the BFE. **Fill that is placed before the date of the first National Flood Insurance Program (NFIP) map showing the area in a Special Flood Hazard Area (SFHA) is considered natural grade.**

Has fill been placed on your property to raise ground that was previously below the BFE?

☐ Yes ☒ No

If yes, when was fill placed?

/
month/year

Will fill be placed on your property to raise ground that is below the BFE?

☐ Yes* ☒ No

If yes, when will fill be placed?

/
month/year

* If yes, Endangered Species Act (ESA) compliance must be documented to FEMA prior to issuance of the CLOMR-F determination (please refer page 4 to the MT-1 instructions).

- Street Address of the Property (if request is for multiple structures or units, please attach additional sheet referencing each address and enter street names below):
2689 Highway 39, Hunt Texas 78024
- Legal description of Property (Lot, Block, Subdivision or abbreviated description from the Deed):
558.55 acres out of the JF Edmunds, HR&WTY and NR Anderson Surveys described in Vol. 112, pgs 606-608 of the public records-Kerr County, TX
- Are you requesting that a flood zone determination be completed for (check one):
 - ☒ Structures on the property? What are the dates of construction? (MM/YYYY) *See Attached Summary Sheet*
 - ☐ A portion of land within the bounds of the property? (A certified metes and bounds description and map of the area to be removed, certified by a licensed land surveyor or registered professional engineer, are **required**. For the preferred format of metes and bounds descriptions, please refer to the MT-1 Form 1 Instructions.)
 - ☐ The entire legally recorded property?
- Is this request for a (check one):
 - ☐ Single structure
 - ☐ Single lot
 - ☒ Multiple structures (How many structures are involved in your request? List the number: 41)
 - ☐ Multiple lots (How many lots are involved in your request? List the number: _____)

In addition to this form (MT-1 Form 1), please complete the checklist below. ALL requests must include one copy of the following:

- ☒ Copy of the effective FIRM panel on which the structure and/or property location has been accurately plotted (property inadvertently located in the NFIP regulatory floodway will require Section B of MT-1 Form 3)
- ☐ Copy of the Subdivision Plat Map for the property (with recordation data and stamp of the Recorder's Office)
- OR
- ☒ Copy of the Property Deed (with recordation data and stamp of the Recorder's Office), accompanied by a tax assessor's map or other certified map showing the surveyed location of the property relative to local streets and watercourses. The map should include at least one street intersection that is shown on the FIRM panel.
- ☒ Form 2 - Elevation Form. If the request is to remove the structure, and an Elevation Certificate has already been completed for this property, it may be submitted in lieu of Form 2. If the request is to remove the entire legally recorded property, or a portion thereof, the lowest lot elevation must be provided on Form 2.
- ☒ Please include a map scale and North arrow on all maps submitted.

For LOMR-Fs and CLOMR-Fs, the following must be submitted in addition to the items listed above:

- ☐ Form 3 - Community Acknowledgment Form

For CLOMR-Fs, the following must be submitted in addition to the items listed above:

- ☐ Documented ESA compliance, which may include a copy of an Incidental Take Permit, an Incidental Take Statement, a "not likely to adversely affect" determination from the National Marine Fisheries Service (NMFS) or the U.S. Fish and Wildlife Service (USFWS), or an official letter from NMFS or USFWS concurring that the project has "No Effect" on proposed or listed species or designated critical habitat. Please refer to the MT-1 instructions for additional information.

Please do not submit original documents. Please retain a copy of all submitted documents for your records.

DHS-FEMA encourages the submission of all required data in a digital format (e.g. scanned documents and images on Compact Disc [CD]). Digital submissions help to further DHS-FEMA's Digital Vision and also may facilitate the processing of your request.

Incomplete submissions will result in processing delays. For additional information regarding this form, including where to obtain the supporting documents listed above, please refer to the MT-1 Form Instructions located at http://www.fema.gov/plan/prevent/fhm/dl_mt-1.shtm.

Processing Fee (see instructions for appropriate mailing address; or visit http://www.fema.gov/fhm/fhm_fees.shtm for the most current fee schedule)

Revised fee schedules are published periodically, but no more than once annually, as noted in the **Federal Register**. Please note: single/multiple lot(s)/structure(s) LOMAs are fee exempt. The current review and processing fees are listed below:

Check the fee that applies to your request:

- ☐ \$325 (single lot/structure LOMR-F following a CLOMR-F)
- ☐ \$425 (single lot/structure LOMR-F)
- ☐ \$500 (single lot/structure CLOMA or CLOMR-F)
- ☐ \$700 (multiple lot/structure LOMR-F following a CLOMR-F, or multiple lot/structure CLOMA)
- ☐ \$800 (multiple lot/structure LOMR-F or CLOMR-F)

Please submit the Payment Information Form for remittance of applicable fees. Please make your check or money order payable to:
National Flood Insurance Program.

All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Applicant's Name (required):

Company (if applicable):

Mailing Address (required):

Daytime Telephone No. (required):

E-Mail Address (optional): ☒ By checking here you may receive correspondence electronically at the email address provided:

Fax No. (optional):

Date (required)

8/19/13

DEPARTMENT OF HOMELAND SECURITY - FEDERAL EMERGENCY MANAGEMENT AGENCY
COMMUNITY ACKNOWLEDGMENT FORM

O.M.B. NO. 1660-0015
Expires February 28, 2014

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this data collection is estimated to average 1.38 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and submitting the form. This collection is required to obtain or retain benefits. You are not required to respond to this collection of information unless a valid OMB control number is displayed on this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 1800 South Bell Street, Arlington, VA 20598-3005, Paperwork Reduction Project (1660-0015). NOTE: Do not send your completed form to this address.

This form must be completed for requests involving the existing or proposed placement of fill (complete Section A) OR to provide acknowledgment of this request to remove a property from the SFHA which was previously located within the regulatory floodway (complete Section B).
This form must be completed and signed by the official responsible for floodplain management in the community. The six digit NFIP community number and the subject property address must appear in the spaces provided below. Incomplete submissions will result in processing delays. Please refer to the MT-1 instructions for additional information about this form.
Community Number: 480419 Property Name or Address: 2689 Highway 39

A. REQUESTS INVOLVING THE PLACEMENT OF FILL

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this Letter of Map Revision Based on Fill (LOMR-F) or Conditional LOMR-F request. Based upon the community's review, we find the completed or proposed project meets or is designed to meet all of the community floodplain management requirements, including the requirement that no fill be placed in the regulatory floodway, and that all necessary Federal, State, and local permits have been, or in the case of a Conditional LOMR-F, will be obtained. For Conditional LOMR-F requests, the applicant has or will document Endangered Species Act (ESA) compliance to FEMA prior to issuance of the Conditional LOMR-F determination. For LOMR-F requests, I acknowledge that compliance with Sections 9 and 10 of the ESA has been achieved independently of FEMA's process. Section 9 of the ESA prohibits anyone from "taking" or harming an endangered species. If an action might harm an endangered species, a permit is required from U.S. Fish and Wildlife Service or National Marine Fisheries Service under Section 10 of the ESA. For actions authorized, funded, or being carried out by Federal or State agencies, documentation from the agency showing its compliance with Section 7(a)(2) of the ESA will be submitted. In addition, we have determined that the land and any existing or proposed structures to be removed from the SFHA are or will be reasonably safe from flooding as defined in 44CFR 65.2(c), and that we have available upon request by DHS-FEMA, all analyses and documentation used to make this determination. For LOMR-F requests, we understand that this request is being forwarded to DHS-FEMA for a possible map revision.
Community Comments:

Community Official's Name and Title: (Please Print or Type)		Telephone No.:
Community Name:	Community Official's Signature: (required)	Date:

B. PROPERTY LOCATED WITHIN THE REGULATORY FLOODWAY

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this request for a LOMA. We understand that this request is being forwarded to DHS-FEMA to determine if this property has been inadvertently included in the regulatory floodway. We acknowledge that no fill on this property has been or will be placed within the designated regulatory floodway. We find that the completed or proposed project meets or is designed to meet all of the community floodplain management requirements.
Community Comments: No fill has been or will be placed within the regulatory floodway.
The following structures are located within the floodway: Structures 6, 9, 10, 12, 16, 21, 23, 24, 25, 32, 34, 40, 41, 42, 44.

Community Official's Name and Title: (Please Print or Type) <u>FLOODPLAIN ADMINISTRATOR</u>		Date:
Community Name: <u>KEER County</u>		<u>9-23-13</u>

fully claiming or to claim the same or any part thereof.

WITNESS our hands this the 30th day of June, 1962.

THE STATE OF TEXAS

COUNTY OF KERR I

BEFORE ME, the undersigned authority, on this day personally appeared [REDACTED] and wife, [REDACTED] known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and consideration therein expressed. And the said [REDACTED] wife of the said [REDACTED] having been examined by me privily and apart from her husband and having the same fully explained to her, she, the said [REDACTED] acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 30th day of June, 1962.

Joseph F. Leonard, Jr.
Notary Public in and for Kerr County,
Texas

Sep 1

Filed for record July 10, 1962 at 3:50 o'clock P. M.
Recorded July 11, 1962 at 11:10 o'clock A. M. (ms)
Volume 112, page 605

County Clerk

By Deputy

0+0-0-0-0-00-0+0-0-0-00-0-

WARRANTY DEED

THIS DEED executed as of this first day of June 1962, by [REDACTED] f Travis County, Texas, being the one and same person as the former [REDACTED] widow of [REDACTED] deceased, joined herein pro forma by her husband, [REDACTED] hereinafter sometimes referred to as "Grantor", to and in benefit of CAMP MYSTIC, INC., a corporation with its office and principal place of business in Kerr County, Texas, hereinafter sometimes referred to as "Grantee":

WITNESSETH:

That for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to Grantor paid and agreed to be paid by Grantee, the receipt of which is hereby acknowledged and confessed, and of the execution and delivery by Grantee of its promissory note of even date herewith, payable to Grantor, as hereinafter more fully described, Grantor, subject to the vendor's lien and other provisions hereinafter reserved and set out, has GRANTED, BARGAINED, SOLD, and CONVEYED, and does hereby GRANT, BARGAIN, SELL, and CONVEY unto Camp Mystic, Inc., Grantee herein, all of Grantor's undivided five-eighths (5/8ths) interest in and to certain adjoining tracts or parcels of land, and improvements thereon, situated on the south fork of the Guadalupe River in Kerr County, Texas, including lands out of the J. F. Edmunds Survey No. 1357, Abstract No. 739; the H. E. and W. T. Ry. Co. Survey No. 1226; the W. R. Anderson Survey No. 1497, Abstract No. 724; and One-half Section No. 1224; comprising in all 555.55 acres, more or less, and being more particularly described as follows:

Being all of the 558.55 acres of land, more or less, situated in Kerr County, Texas, conveyed and fully described in a deed from [REDACTED] to [REDACTED] and wife, [REDACTED] and [REDACTED] dated January 6, 1939, recorded in Vol. 63, Page 569 of the Deed Records of Kerr County, Texas; SAVE AND EXCEPT (a) that portion of said 558.55 acre tract of land conveyed to [REDACTED] et al, by deed executed by [REDACTED]

A.D.N.

a feme sole, et al, dated January 6, 1955 and recorded in Vol. 98, Page 54 of the Deed Records of Kerr County, Texas, consisting of a tract of land containing 0.77 acre described as "Second Tract" in said deed, and one (1) acre out of the 36.12 acre tract of land described as "First Tract" in said deed; and (b) that portion of said 558.55 acre tract of land conveyed to the County of Kerr, State of Texas, by deed executed by [REDACTED] a feme sole, et al, recorded in Vol. 98, Page 51 of the Deed Records of Kerr County, Texas, consisting of a tract of land containing 0.63 acre described as "Second Tract" in said deed, and 0.60 acre out of the 3.73 acres described as "First Tract" in said deed; to all of which instruments and the records thereof reference is hereby made for a more complete description of the land and property herein conveyed, and for all other pertinent purposes.

It is the intention of the Grantor by the above description and by this conveyance to convey to Grantee all of Grantor's undivided five-eighths (5/8ths) interest in the lands and premises covered and conveyed in the above mentioned deed from [REDACTED] dated January 6, 1939, and any rights and appurtenances belonging to Grantor and used in connection with said lands and premises.

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances thereunto in anywise belonging, unto Grantee, its successors and assigns forever; and Grantor does hereby bind themselves, their heirs, successors and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof.

Part of the consideration for this conveyance is the execution and delivery by Grantee of its promissory note of even date herewith in the principal sum of Two Hundred Thirty Thousand and No/100 Dollars (\$230,000.00), bearing interest as set out in such note, with principal and interest being due and payable in installments as provided in said note which contains the usual accelerating maturity and attorney's fees clauses, to which note reference is here made for a description of its terms and conditions, and which note is further secured by a vendor's lien and superior title retained herein in favor of Grantor and being also secured by a deed of trust of even date herewith covering the herein described and conveyed property.

There is hereby expressly reserved and retained in favor of the holder of the above described note a vendor's lien upon all of the lands herein conveyed and upon all of the rights and privileges pertinent thereto until said note is fully paid according to all of its terms and provisions, when this deed shall become absolute.

In Witness Whereof, Grantor executes this instrument on the date first above mentioned.

(No Revenue Stamps affixed)

THE STATE OF TEXAS }
COUNTY OF KERR }

BEFORE ME, the undersigned authority, on this day personally appeared [REDACTED] wife of [REDACTED] known to me to be the person whose name is subscribed to the foregoing instrument, and having been examined by me privily and apart from her husband and having the same fully explained to her, acknowledged such instrument to be her act and deed and declared that she had willingly signed the same for the purposes and consideration therein expressed, and that she did not wish to retract it.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 4 day of July, A. D., 1962.

SEAL

John R. Furman, Jr.
Notary Public in and for
Kerr County, T E X A S .

THE STATE OF TEXAS }
COUNTY OF TRAVIS }

BEFORE ME, the undersigned authority, on this day personally appeared

known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 6th day of July, A. D. 1962.

Mary Reed
Notary Public in and for
Travis County, T E X A S.

Seal

Filed for record July 11, 1962 at 9:40 o'clock A. M.
Recorded July 12, 1962 at 3:40 o'clock P. M. (ms)
Volume 112, page 606

County Clerk

By

deputy

0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0

WARRANTY DEED

THIS DEED executed as of this first day of June 1962, by [redacted] of Houston, Harris County, Texas, joined herein pro forma by her husband, [redacted] hereinafter sometimes referred to as "Grantor", to and in benefit of CAMP MYSTIC, INC., a corporation with its office and principal place of business in Kerr County, Texas, hereinafter sometimes referred to as "Grantee";

WITNESSETH:

That for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration to Grantor paid and agreed to be paid by Grantee, the receipt of which is hereby acknowledged and confessed, and of the execution and delivery by Grantee of its promissory note of even date herewith, payable to Grantor, as hereinafter more fully described, Grantor, subject to the vendor's lien and other provisions hereinafter reserved and set out, has GRANTED,

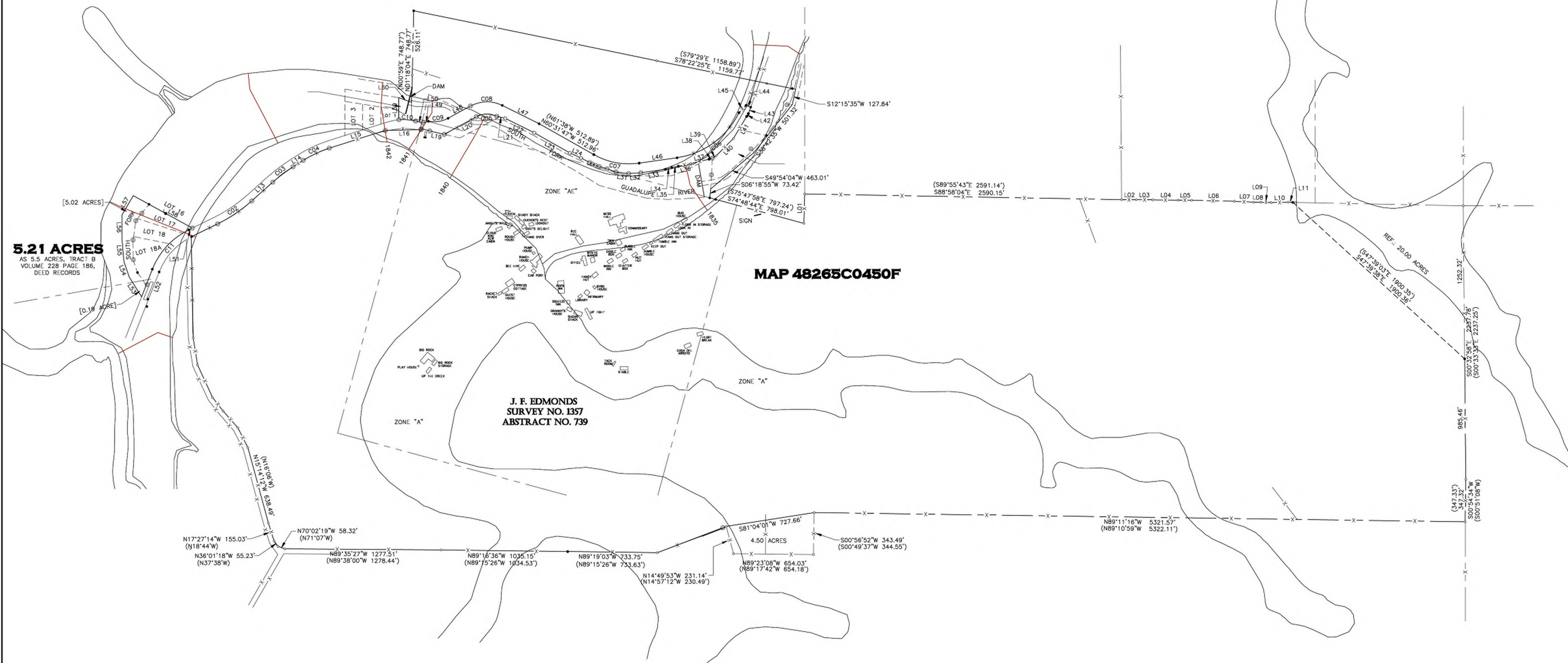
BARGAINED, SOLD, and CONVEYED, and does hereby GRANT, BARGAIN, SELL, and CONVEY unto Camp Mystic, Inc., Grantee herein, all of Grantor's undivided three-sixteenths (3/16ths) interest in and to certain adjoining tracts or parcels of land, and improvements thereon, situated on the south fork of the Guadalupe River in Kerr County, Texas, including lands out of the J. F. Edmunds Survey No. 1357, Abstract No. 739; the H. E. and W. T. Ry. Co. Survey No. 1226; the W. R. Anderson Survey No. 1497, Abstract No. 724; and One-half Section 1224; comprising in all 555.55 acres, more or less, and being more particularly described as follows:

Being all of the 558.55 acres of land, situated in Kerr County, Texas, conveyed and fully described in a deed from [redacted] and wife, [redacted] and [redacted] dated January 6, 1939, recorded in Vol. 63, Page 569 of the Deed Records of Kerr County, Texas;

ASE
SEJr.

SAVE and EXCEPT (a) that portion of said 558.55 acre tract of land conveyed to [redacted] et al, by deed executed by [redacted] a feme sole, et al, dated January 6, 1955, and recorded in Vol. 98, Page 54 of the Deed Records of Kerr County, Texas, consisting of a tract of land containing 0.77 acre described as "Second Tract" in said deed, and one (1) acre out of the 36.12 acre tract of land described as "First Tract" in said deed; and (b) that portion of said 558.55 acre tract of land conveyed to the County of Kerr, State of Texas, by deed executed by [redacted] a feme sole, et al, recorded in Vol. 98, Page 51 of the Deed Records of Kerr County, Texas, consisting of a tract of land containing 0.63 acre described as "Second Tract" in said deed, and 0.60 acre out of the 3.73 acres described as "First Tract" in said deed; to all of which instruments and the records thereof reference is hereby made for a more complete description of the land and property herein conveyed, and for all other pertinent purposes.

It is the intention of the Grantor by the above description and by this conveyance to convey to Grantee all of Grantor's undivided three-sixteenths (3/16ths) interest in the lands and



5.21 ACRES
AS 5.5 ACRES, TRACT B
VOLUME 228 PAGE 186,
DEED RECORDS

MAP 48265C0450F

**J. F. EDMONDS
SURVEY NO. 1357
ABSTRACT NO. 739**

SCALE: 1" = 400'

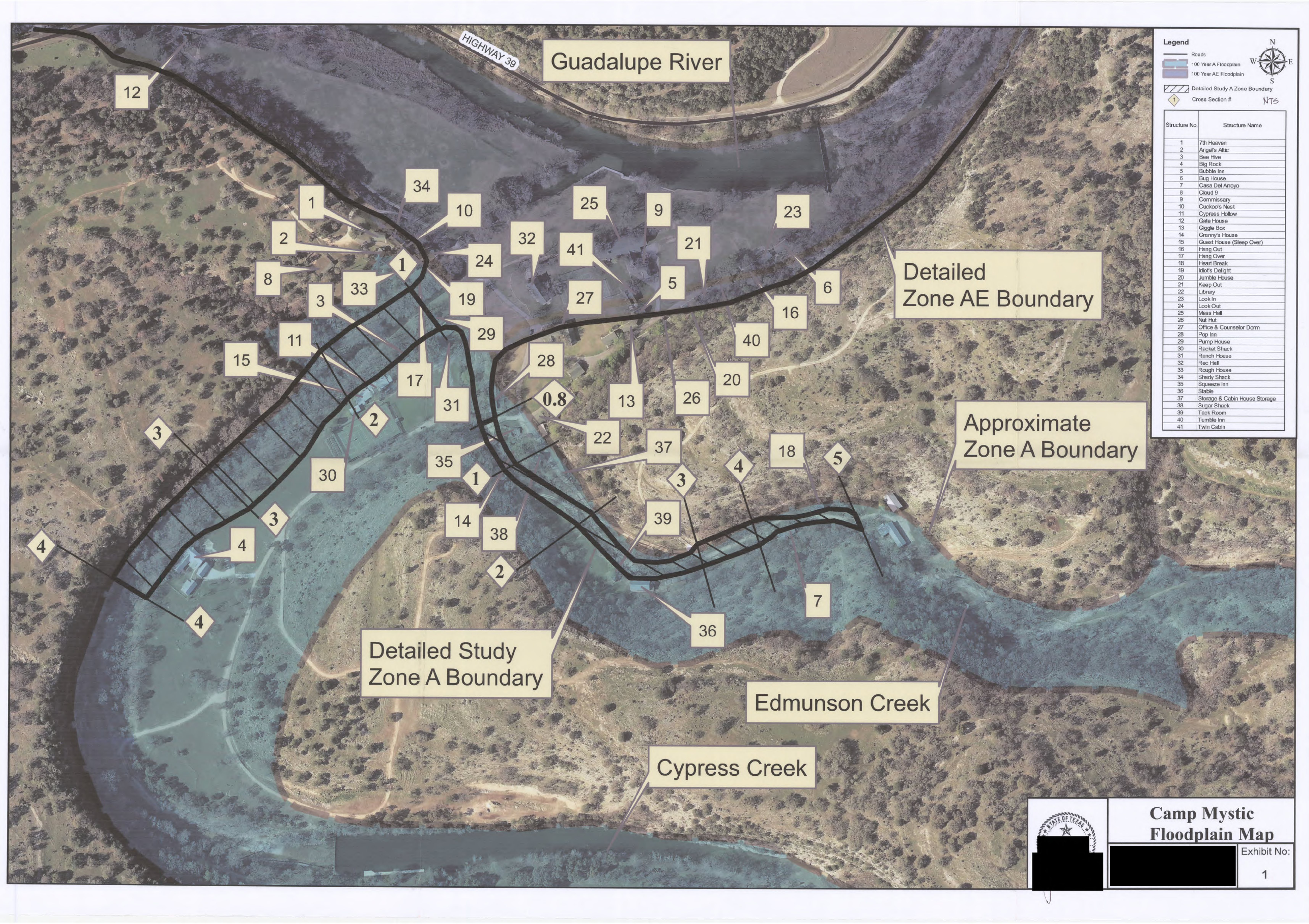
- FENCEPOST
- FOUND 1/2" IRON STAKE
- FOUND 1/4" IRON STAKE
- FENCE LINE
- OVERHEAD UTILITY LINES
- PATENT SURVEY LINE
- FOUND CONCRETE R-O-W MARKER

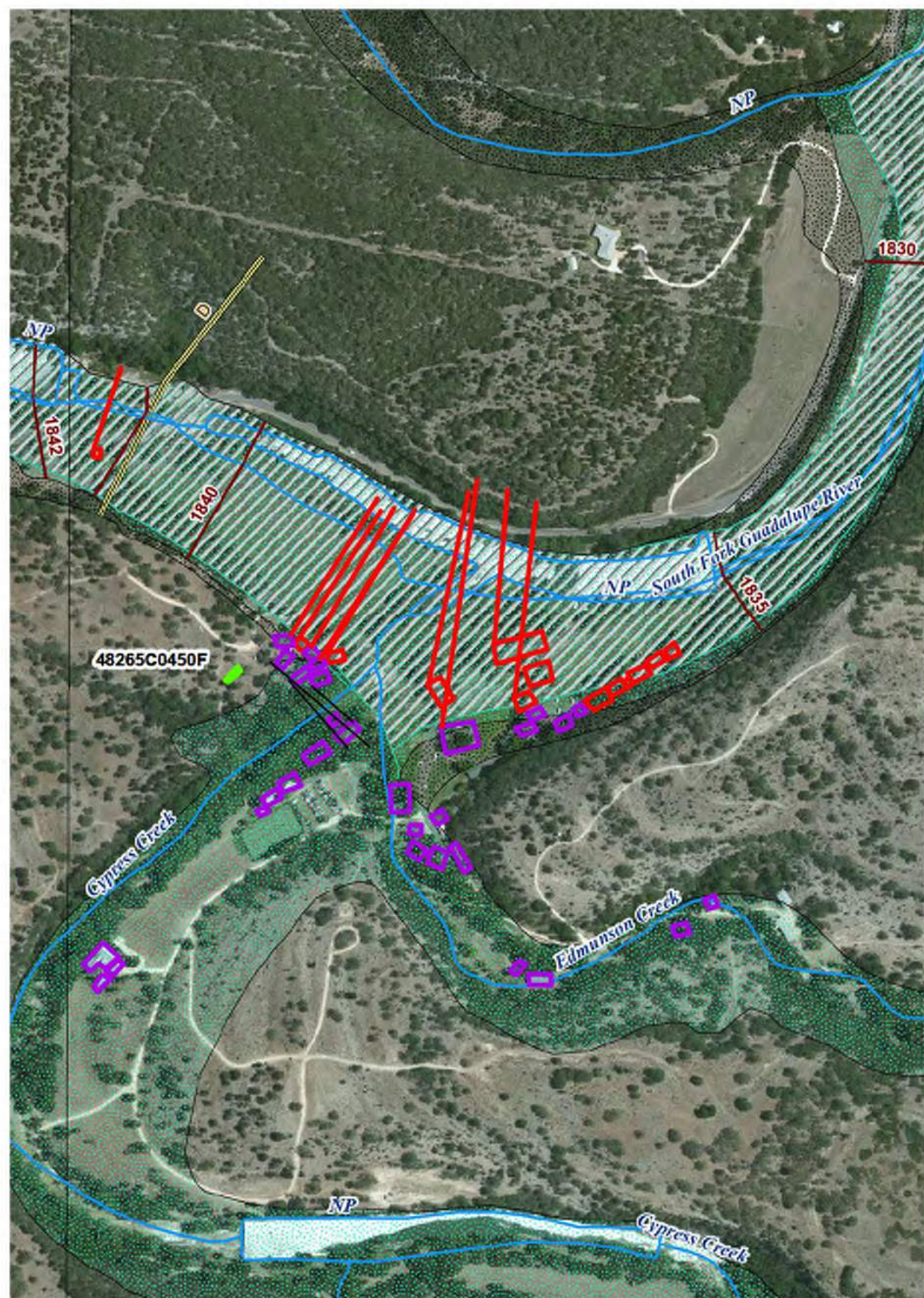
RECORD CALLS SHOWN IN PARENTHESES

SURVEY PLAT FOR 725.26 ACRES OF LAND, MORE OR LESS, COMPRISING APPROXIMATE ACREAGE OUT OF VARIOUS ORIGINAL PATENT SURVEYS, AS SHOWN HEREON IN BRACKETS, IN KERR COUNTY, TEXAS; THIS PLAT SHOWS THE LOCATION OF STRUCTURES WITH RESPECT TO THE 100 YEAR FLOOD PLAIN AUGUST 2013

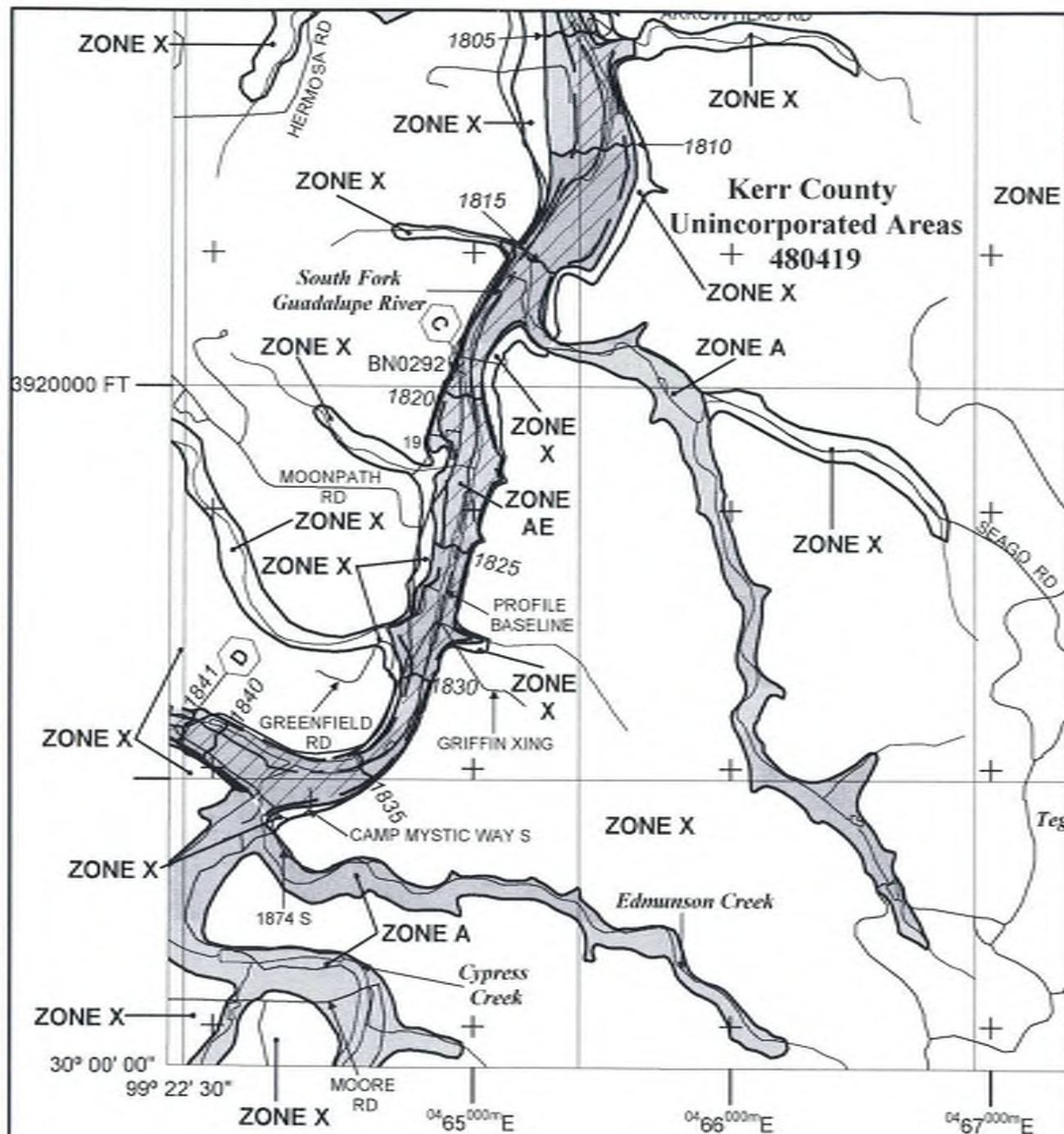
**CAMP MYSTIC
STRUCTURE SUMMARY SHEET**

Structure No.	Structure Name	Date of Construction	Latitude	Longitude	Lowest Adjacent Grade to Structure	Base Flood Elevation	Flooding Source	Occupancy Type	Foundation Type
1	7th Heaven	1940-1974	30 00 35.5	99 22 21.3	1857.83	1838.8	Guadalupe River	Other Residential	Slab on grade
2	Angel's Attic	1940-1974	30 00 35.0	99 22 20.9	1860.85	1839.1	Guadalupe River	Other Residential	Slab on grade
3	Bee Hive	1940-1974	30 00 31.2	99 22 20.0	1844.05	1839.7	Cypress Creek	Other Residential	Slab on grade
4	Big Rock	2000	30 00 24.0	99 22 28.5	1851.87	1843.4	Cypress Creek	Single Family	Slab on grade
5	Bubble Inn	1940-1974	30 00 32.8	99 22 10.7	1842.77	1836.8	Guadalupe River	Other Residential	Crawl Space (pier and beam)
6	Bug House	1940-1974	30 00 35.1	99 22 05.1	1831.56	1835.4	Guadalupe River	Other Residential	Slab on grade
7	Casa Del Arroyo	1940-1974	30 00 25.3	99 22 04.3	1866.8	1863.9	Edmunson Creek	Single Family	Crawl Space (pier and beam)
8	Cloud 9	2013	30 00 34.7	99 22 22.2	1863.13	1839.3	Guadalupe River	Other Residential	Slab on grade
9	Commissary	1940-1974	30 00 34.2	99 22 10.3	1840.66	1836.8	Guadalupe River	Non-residential	Slab on grade
10	Cuckoo's Nest	1940-1974	30 00 35.3	99 22 20.1	1854.04	1838.7	Guadalupe River	Other Residential	Slab on grade
11	Cypress Hollow	1940-1974	30 00 30.4	99 22 20.7	1845.02	1840.2	Cypress Creek	Single Family	Slab on grade
12	Gate House	1979	30 00 42.3	99 22 29.0	1834.63	1840.9	Guadalupe River	Other Residential	Slab on grade
13	Giggle Box	2002	30 00 32.3	99 22 11.2	1843.27	1836.9	Guadalupe River	Other Residential	Slab on grade
14	Granny's House	1940-1974	30 00 28.1	99 22 15.4	1847.53	1843.2	Edmunson Creek	Single Family	Slab on grade
15	Guest House (Sleep Over)	2001	30 00 29.6	99 22 21.7	1845.24	1840.3	Cypress Creek	Other Residential	Slab on grade
16	Hang Out	1940-1974	30 00 34.5	99 22 06.3	1840.13	1835.9	Guadalupe River	Other Residential	Crawl Space (pier and beam)
17	Hang Over	1940-1974	30 00 34.3	99 22 19.3	1833.18	1838.8	Cypress Creek	Other Residential	Crawl Space (pier and beam)
18	Heart Break	1940-1974	30 00 26.0	99 22 03.1	1866.23	1866	Edmunson Creek	Other Residential	Crawl Space (pier and beam)
19	Idiot's Delight	1940-1974	30 00 34.8	99 22 19.9	1855.43	1838.7	Guadalupe River	Other Residential	Crawl Space (pier and beam)
20	Jumble House	1940-1974	30 00 33.2	99 22 08.6	1842.23	1836.3	Guadalupe River	Other Residential	Slab on grade
21	Keep Out	1940-1974	30 00 33.5	99 22 08.0	1842.04	1836.2	Guadalupe River	Other Residential	Slab on grade
22	Library	1999	30 00 29.2	99 22 14.6	1848.79	1842.8	Edmunson Creek	Non-residential	Slab on grade
23	Look In	1940-1974	30 00 35.1	99 22 05.4	1838.75	1835.6	Guadalupe River	Other Residential	Slab on grade
24	Look Out	1940-1974	30 00 35.0	99 22 18.9	1847.32	1838.6	Guadalupe River	Other Residential	Slab on grade
25	Mess Hall	1994	30 00 35.0	99 22 11.8	1831.46	1836.9	Guadalupe River	Non-residential	Crawl Space (pier and beam)
26	Nut Hut	1940-1974	30 00 32.6	99 22 09.6	1843.8	1836.6	Guadalupe River	Other Residential	Slab on grade
27	Office & Counselor Dorm	1979	30 00 32.1	99 22 14.4	1844.42	1837.5	Guadalupe River	Non-residential	Slab on grade
28	Pop Inn	1940-1974	30 00 30.2	99 22 16.2	1840.51	1838.7	Guadalupe River	Single Family	Slab on grade
29	Pump House	1940-1974	30 00 32.7	99 22 18.8	1827.97	1838.9	Cypress Creek	Non-residential	Slab on grade
30	Racket Shack	1940-1974	30 00 29.4	99 22 22.0	1846.69	1840.4	Cypress Creek	Other Residential	Slab on grade
31	Ranch House	1940-1974	30 00 32.1	99 22 18.9	1836.26	1839.1	Cypress Creek	Single Family	Slab on grade
32	Rec Hall	1940-1974	30 00 33.4	99 22 14.4	1840.83	1837.5	Edmunson Creek	Non-residential	Crawl Space (pier and beam)
33	Rough House	1940-1974	30 00 34.4	99 22 20.4	1856.41	1839.1	Edmunson Creek	Other Residential	Slab on grade
34	Shady Shack	1940-1974	30 00 35.3	99 22 20.4	1854.13	1838.7	Edmunson Creek	Other Residential	Slab on grade
35	Squeeze Inn	1940-1974	30 00 28.7	99 22 15.5	1847.76	1842.7	Edmunson Creek	Other Residential	Slab on grade
36	Stable	1940-1974	30 00 23.7	99 22 11.3	1856.17	1855	Edmunson Creek	Non-residential	Crawl Space (pier and beam)
37	Storage & Cabin House Sto.	1940-1974	30 00 28.2	99 22 13.9	1851.72	1846.5	Edmunson Creek	Non-residential	Slab on grade
38	Sugar Shack	1940-1974	30 00 28.0	99 22 14.8	1849.63	1845.3	Edmunson Creek	Single Family	Crawl Space (pier and beam)
39	Tack Room	1940-1974	30 00 23.7	99 22 11.3	1855.98	1853.5	Edmunson Creek	Non-residential	Slab on grade
40	Tumble Inn	1940-1974	30 00 34.0	99 22 07.3	1840.59	1836.1	Guadalupe River	Other Residential	Slab on grade
41	Twin Cabin	2013	30 00 33.6	99 22 11.2	1842.09	1836.9	Guadalupe River	Other Residential	Crawl Space (pier and beam)





0 320 640 1,280 Feet 1 inch = 517 feet



MAP SCALE 1" = 2000'



NFIP

PANEL 0450F

FIRM

FLOOD INSURANCE RATE MAP
KERR COUNTY,
TEXAS
AND INCORPORATED AREAS

PANEL 450 OF 775

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
KERR COUNTY	480419	0450	F

Notice to user: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
48265C0450F

MAP REVISED
MARCH 03, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

FLOOD INSURANCE STUDY



KERR COUNTY, TEXAS AND INCORPORATED AREAS

Community Name

INGRAM, CITY OF
KERR COUNTY
(UNINCORPORATED AREAS)
KERRVILLE, CITY OF

Community Number

481592
480419
480420



REVISED:
March 3, 2011



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
48265CV000A

Table 5 – Manning’s “n” Values

Roughness Coefficients		
<u>Flooding Source</u>	<u>Channel</u>	<u>Overbanks</u>
Camp Meeting Creek	0.040 to 0.070	0.070 to 0.090
East Town Creek	0.025 to 0.050	0.050 to 0.110
Elm Creek	0.025 to 0.080	0.055 to 0.110
Guadalupe River	0.025 to 0.050	0.050 to 0.110
Johnson Creek	0.025 to 0.050	0.050 to 0.110
North Fork Guadalupe River	0.025 to 0.050	0.050 to 0.110
Quinlan Creek	0.050 to 0.060	0.065 to 0.085
South Fork Guadalupe River	0.025 to 0.050	0.050 to 0.110
Stream QC-1	0.035 to 0.070	0.070 to 0.090
Stream QC-2	0.020 to 0.065	0.065 to 0.085
Stream TC-1	0.075	0.090
Town Creek	0.045 to 0.065	0.075 to 0.100

3.3 Vertical Datum

All FIS reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS reports and FIRMs are now prepared using NAVD as the referenced vertical datum.

Flood elevations shown in this FIS report and on the FIRM are referenced to the NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. It is important to note that adjacent counties may be referenced to NGVD29. This may result in differences in base flood elevations (BFEs) across the county boundaries between the counties.

For this countywide revision, the Flood Profiles and BFEs were revised to reflect the new datum values. Prior versions of the FIS report and FIRMs for Kerr County were referenced to NGVD29 (References 15 and 16). An average conversion factor of +0.2715 feet was established for the entire county.

The BFEs shown on the FIRM represent whole-foot rounded values. For example, a BFE of 102.4 will appear as 102 on the FIRM and 102.6 will appear as 103. Therefore, users that wish to convert the elevations in this FIS to NGVD29 should apply the stated conversion factor to elevations shown on the Flood Profiles and supporting data tables in the FIS report, which are shown, at a minimum, to the nearest 0.1 foot.

For information regarding conversion between the NGVD29 and NAVD88, visit the National Geodetic Survey website at www.ngs.noaa.gov, or contact the National Geodetic Survey at the following address:

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.



OTHER FLOOD AREAS

ZONE X

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.



OTHER AREAS

ZONE X

Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D

Areas in which flood hazards are undetermined, but possible.



COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS



OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.



Floodplain boundary



Floodway boundary



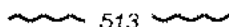
Zone D Boundary



CBRS and OPA Boundary



Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

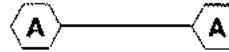


Base Flood Elevation line and value; elevation in feet*

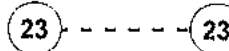
(EL 987)

Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988



Cross section line



Transect line

97° 07' 30", 32° 22' 30"

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

476000E

1000-meter Universal Transverse Mercator grid values, zone 14

600000 FT

5000-foot grid ticks: Texas State Plane coordinate system, zone South Central (FIPSZONE 4204), Lambert Conformal Conic Projection

DX5510 X

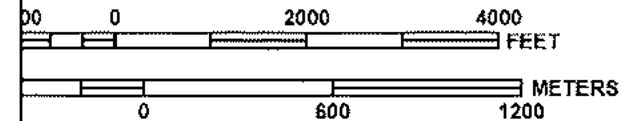
Bench mark (see explanation in Notes to Users section of this FIRM panel)

● M1.5

River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index.

MAP SCALE 1" = 2000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0450F

FIRM

FLOOD INSURANCE RATE MAP

KERR COUNTY,
TEXAS

AND INCORPORATED AREAS

PANEL 450 OF 775

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
KERR COUNTY	450419	0450	

Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
48265C0450F

MAP REVISED
MARCH 03, 2011

Federal Emergency Management Agency

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FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS-SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
South Fork Guadalupe River								
A	0.40	*	*	*	1,762.5	1,762.5	*	*
B	1.79	*	*	*	1,786.0	1,786.0	*	*
C	4.34	*	*	*	1,820.0	1,820.0	*	*
D	5.86	*	*	*	1,842.2	1,842.2	*	*
E	7.85	*	*	*	1,880.2	1,880.2	*	*
F	8.38	*	*	*	1,884.4	1,884.4	*	*

¹ Miles above confluence with Guadalupe River

* Data not available

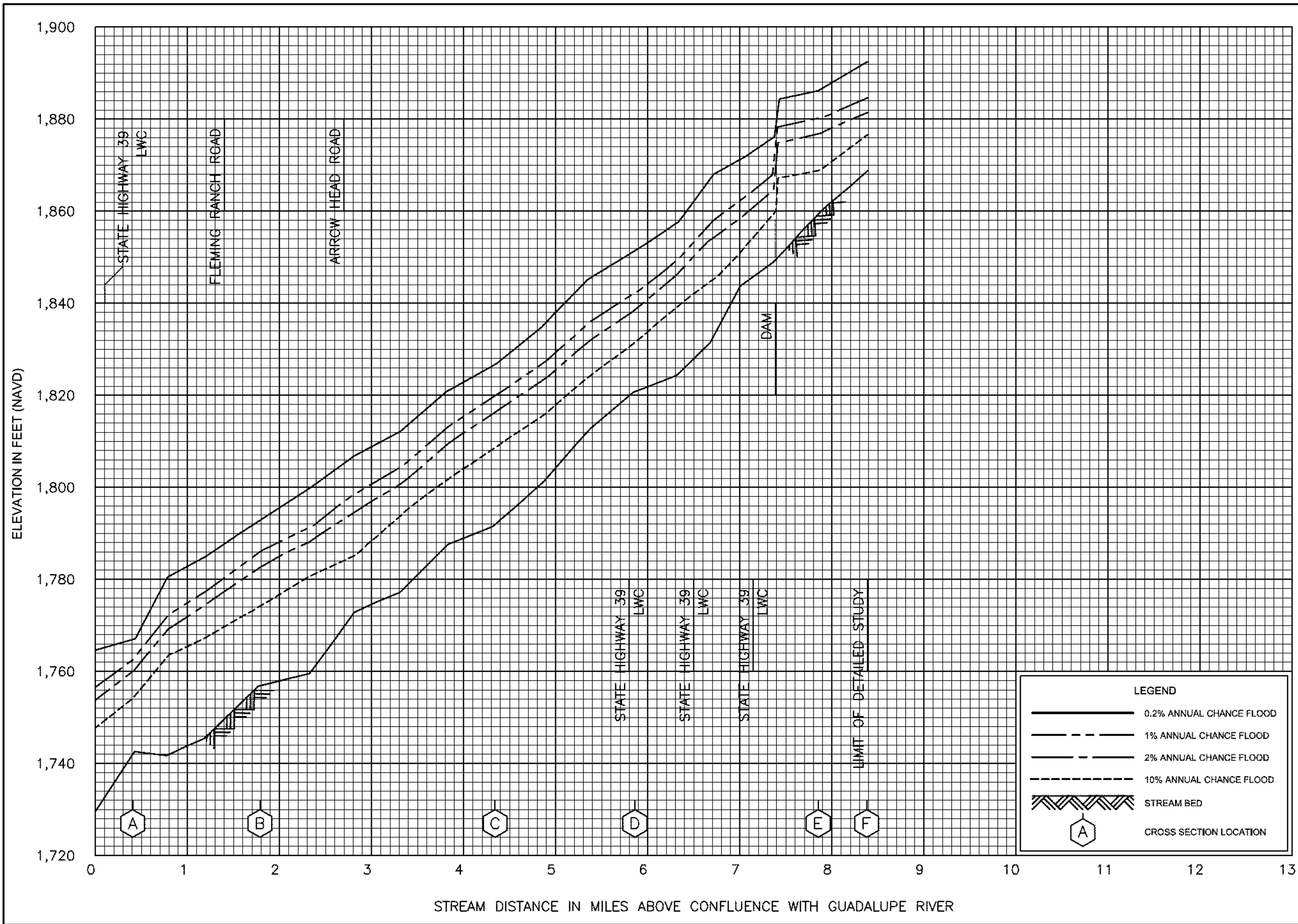
TABLE 6

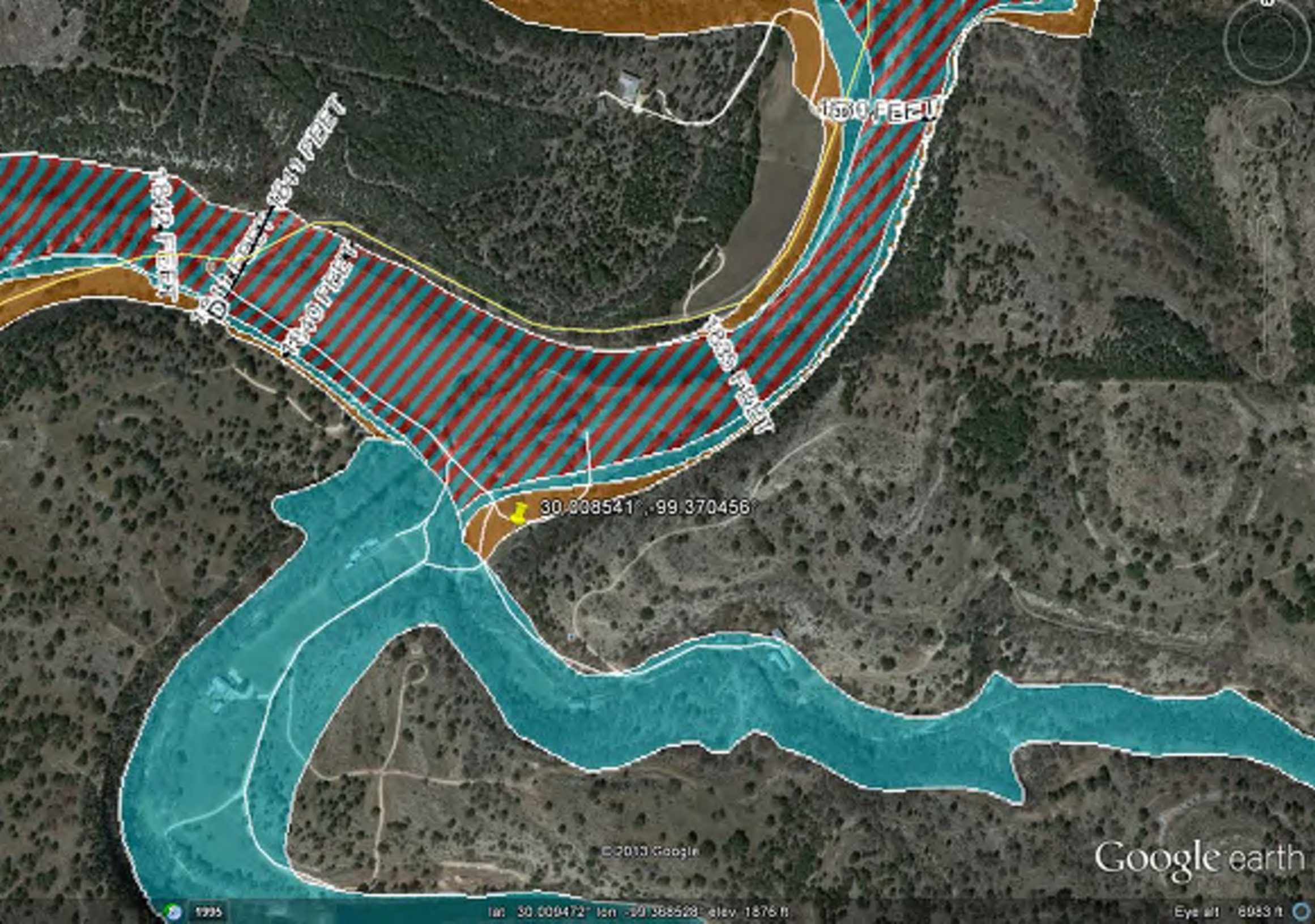
FEDERAL EMERGENCY MANAGEMENT AGENCY

FLOODWAY DATA

KERR COUNTY, TX AND INCORPORATED AREAS

SOUTH FORK GUADALUPE RIVER





© 2013 Google

Google earth

1995

lat: 30.00472° lon: -99.368528° elev: 1876 ft

Eye alt: 6083 ft

Project: **Mystic-Cypress** Simulation Run: Run 1

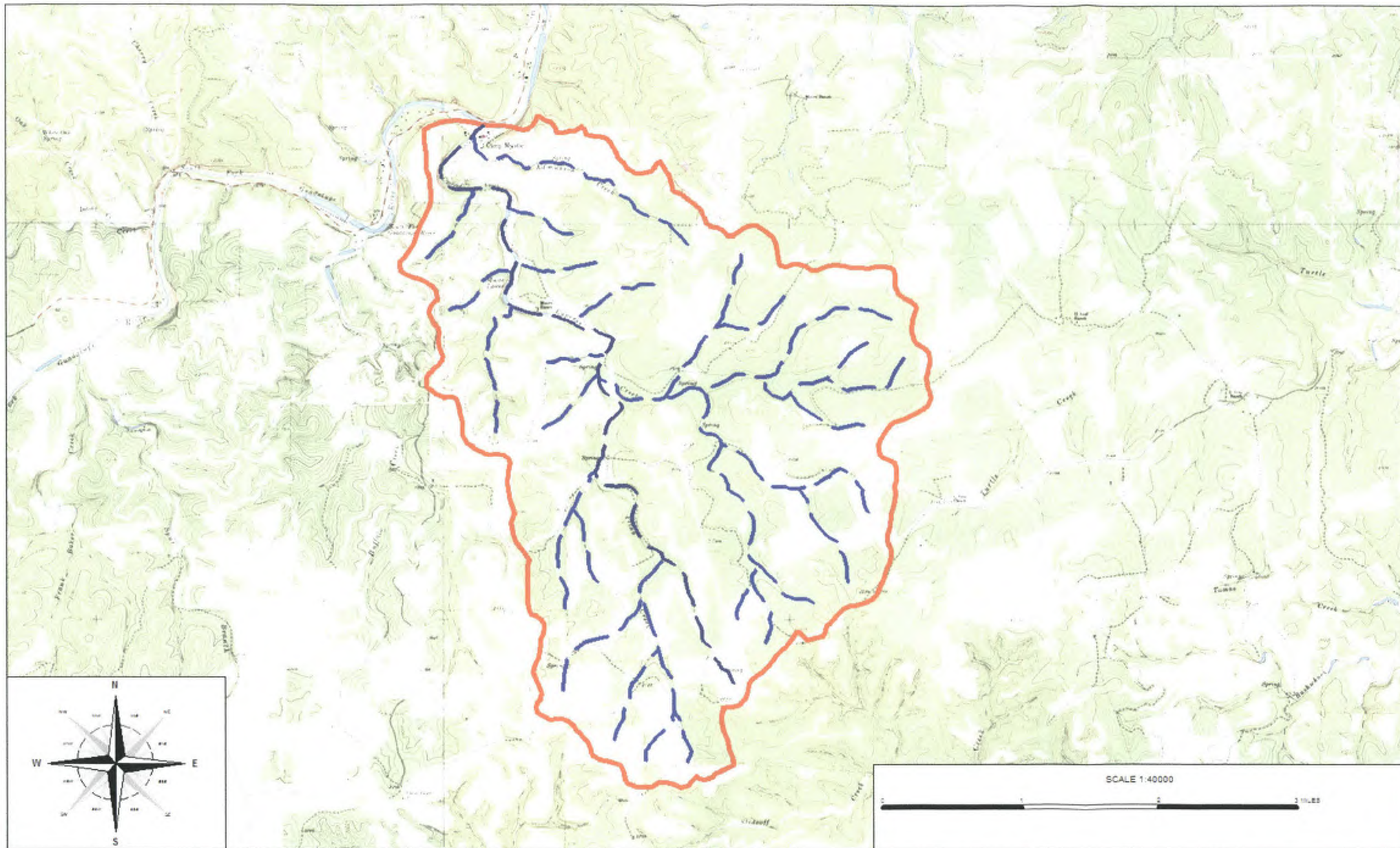
Start of Run: 01Apr2011, 10:00 Basin Model: Basin 1
End of Run: 02Apr2011, 10:01 Meteorologic Model: Met 1
Compute Time: 16Jul2013, 21:21:19 Control Specifications: Control 1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (IN)
Subbasin-3	8.49	16079.2	01Apr2011, 22:46	6.54
Dam 3	8.49	15952.6	01Apr2011, 22:50	6.45
Subbasin-4	0.76	2940.8	01Apr2011, 22:10	6.44
Dam 4	9.25	16342.0	01Apr2011, 22:54	6.44
Subbasin-5	0.40	1625.4	01Apr2011, 22:09	6.53
Dam 5	9.65	16551.2	01Apr2011, 22:56	6.42
Subbasin-6	0.29	1139.2	01Apr2011, 22:10	6.53
Dam 6	9.94	16690.6	01Apr2011, 22:58	6.41
Reach-1	9.94	16690.6	01Apr2011, 23:04	6.40
Subbasin-7	0.50	1570.6	01Apr2011, 22:17	6.42
Junction-1	10.44	17050.8	01Apr2011, 23:03	6.40

Project: Mystic Simulation Run: Run 1

Start of Run: 01Apr2011, 10:00 Basin Model: Basin 1
End of Run: 02Apr2011, 10:01 Meteorologic Model: Met 1
Compute Time: 15Jul2013, 20:04:35 Control Specifications: Control 1

Hydrologic Element	Drainage Area (MI ²)	Peak Discharge (CFS)	Time of Peak	Volume (IN)
Subbasin-1	0.91	2970.4	01Apr2011, 22:16	6.57



**CAMP MYSTIC
FLOODPLAIN STUDY**

HEC-RAS Version 4.1.0 Jan 2010
 U.S. Army Corps of Engineers
 Hydrologic Engineering Center
 609 Second Street
 Davis, California

```

X   X XXXXX   XXXX   XXXX   XX   XXXX
X   X X       X X   X X   X X   X
X   X X       X X   X X   X X   X
XXXXXX XXXX   X   XXX XXXX XXXXXX XXXX
X   X X       X X   X X   X X   X
X   X X       X X   X X   X X   X
X   X XXXXX   XXXX   X X   X X   XXXXX

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PROJECT DATA

Project Title: EdmunsonCreekExistingConditions

Project File : EdmunsonCreek.prj

Run Date and Time: 7/16/2013 10:24:45 AM

Project in English units

PLAN DATA

Plan Title: Plan 11

Plan File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\EdmunsonCreek.p11

Geometry Title: EdmunsonCreek

Geometry File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\EdmunsonCreek.g09

Flow Title : EdmunsonCreek

Flow File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\EdmunsonCreek.f03

Plan Summary Information:

Number of: Cross Sections =	6	Multiple Openings =	0
Culverts =	0	Inline Structures =	0
Bridges =	0	Lateral Structures =	0

Computational Information

Water surface calculation tolerance =	0.01
Critical depth calculation tolerance =	0.01
Maximum number of iterations =	20
Maximum difference tolerance =	0.3
Flow tolerance factor =	0.001

Computation Options

Critical depth computed only where necessary
Conveyance Calculation Method: At breaks in n values only
Friction Slope Method: Average Conveyance
Computational Flow Regime: Subcritical Flow

FLOW DATA

Flow Title: EdmunsonCreek

Flow File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\EdmunsonCreek.f03

Flow Data (cfs)

River	Reach	RS	100 Year
-------	-------	----	----------

Edmunson Creek Camp Mystic 5 2970

Boundary Conditions

River	Reach	Profile	Upstream	Downstream
Edmunson Creek	Camp Mystic	100 Year		Normal S = 0.012

GEOMETRY DATA

Geometry Title: EdmunsonCreek
 Geometry File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\EdmunsonCreek.g09

CROSS SECTION

RIVER: Edmunson Creek
 REACH: Camp Mystic RS: 5

INPUT
 Description:
 Station Elevation Data num= 11

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
1000	1888.59	1040.2	1876.76	1084.4	1868.38	1102	1867.84	1129	1865.3
1150.4	1863.34	1158.2	1861.7	1170.8	1861.53	1176.8	1861.82	1188	1865.24
1200	1870								

Manning's n Values num= 3

Sta	n val	Sta	n val	Sta	n val
1000	.055	1129	.045	1188	.055

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1129 1188 305 310 311 .1 .3

CROSS SECTION

RIVER: Edmunson Creek
 REACH: Camp Mystic RS: 4

INPUT
 Description:
 Station Elevation Data num= 10

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
1000	1886.43	1031.1	1867.48	1060.6	1864.12	1082.3	1859.06	1121	1858.36
1133.6	1854.42	1143.6	1854.13	1149.2	1854.31	1167.1	1859.51	1176.2	1867.05

Manning's n Values num= 3

Sta	n val	Sta	n val	Sta	n val
1000	.055	1121	.045	1167.1	.055

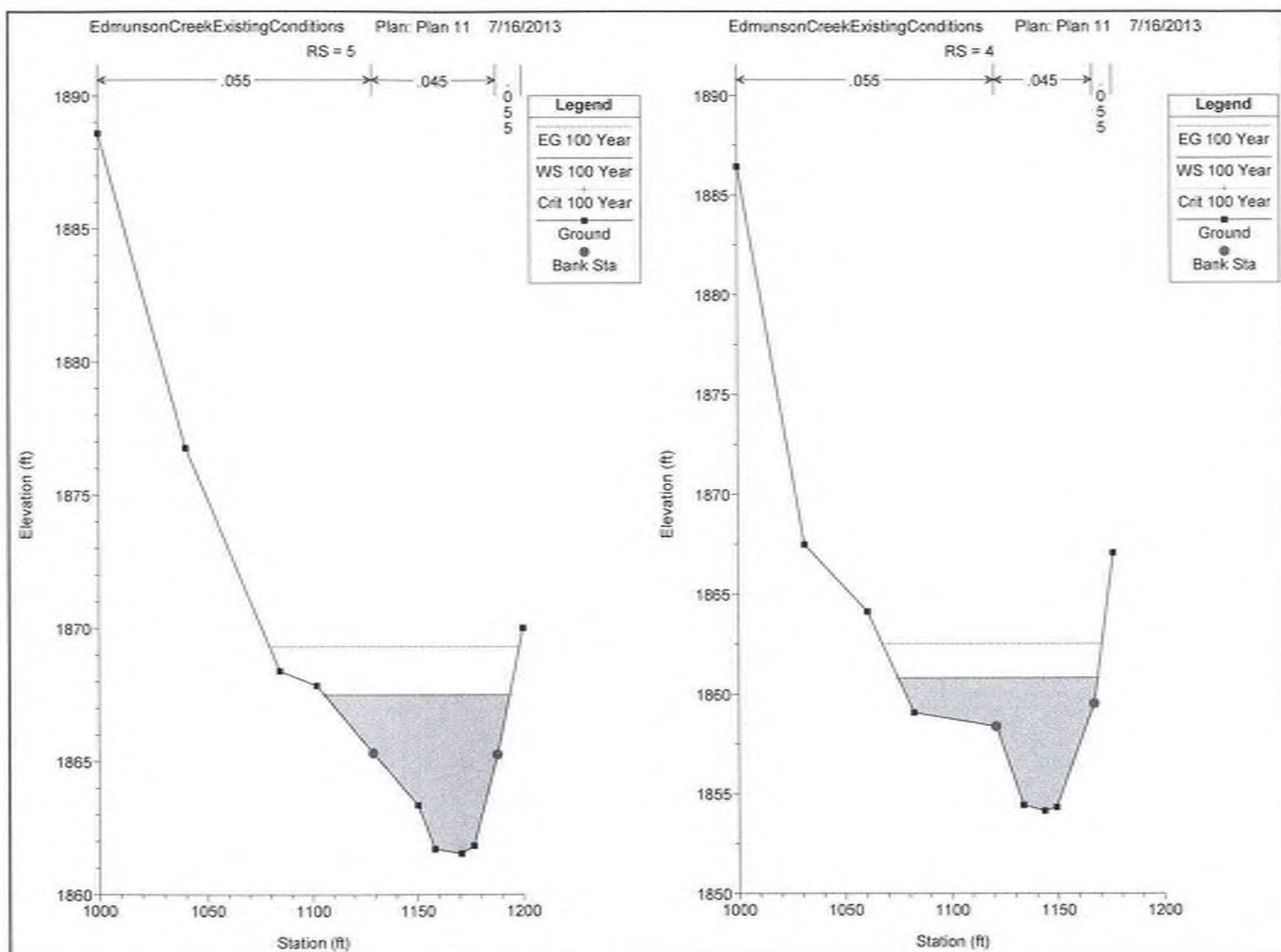
Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1121 1167.1 265 267 269 .1 .3

CROSS SECTION

RIVER: Edmunson Creek
 REACH: Camp Mystic RS: 3

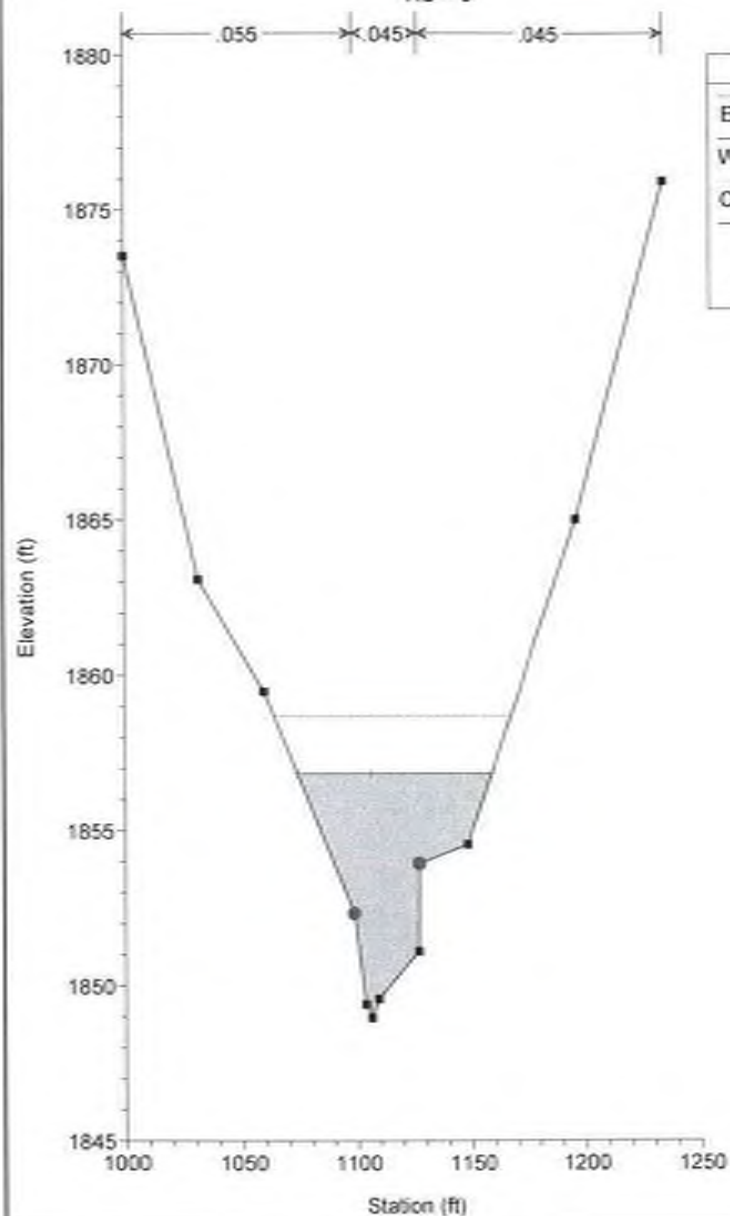
INPUT
 Description:
 Station Elevation Data num= 12

Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev



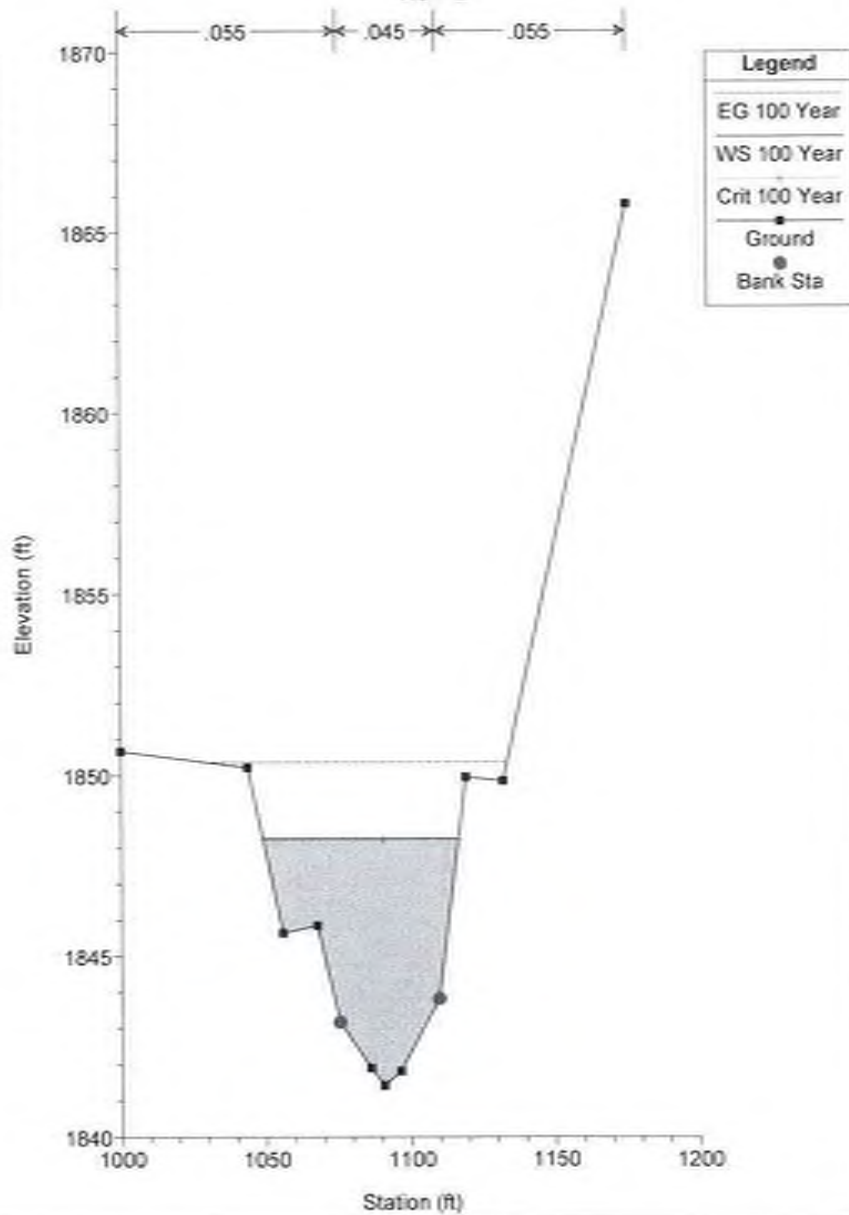
EdmunsonCreekExistingConditions Plan: Plan 11 7/16/2013

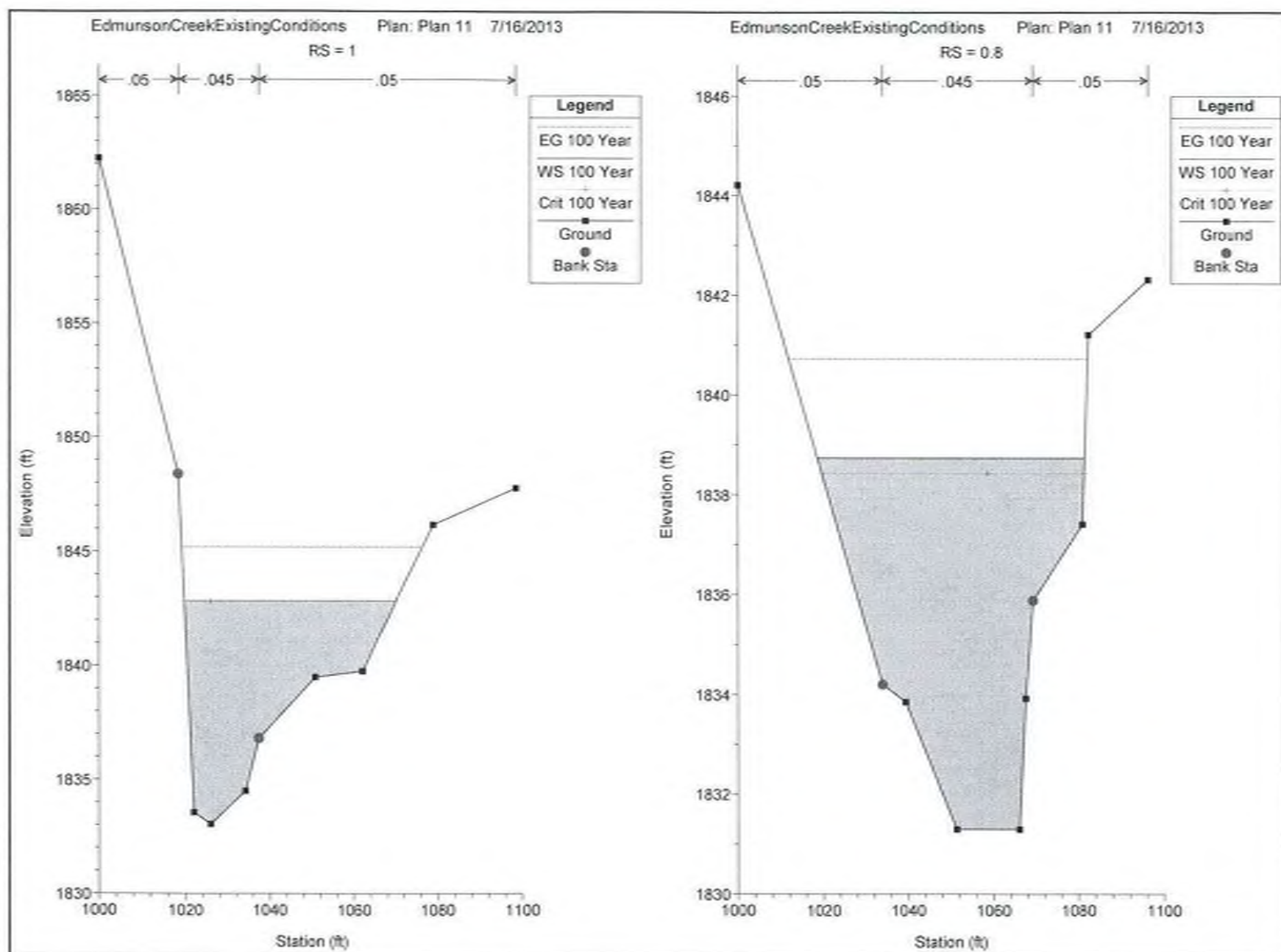
RS = 3



EdmunsonCreekExistingConditions Plan: Plan 11 7/16/2013

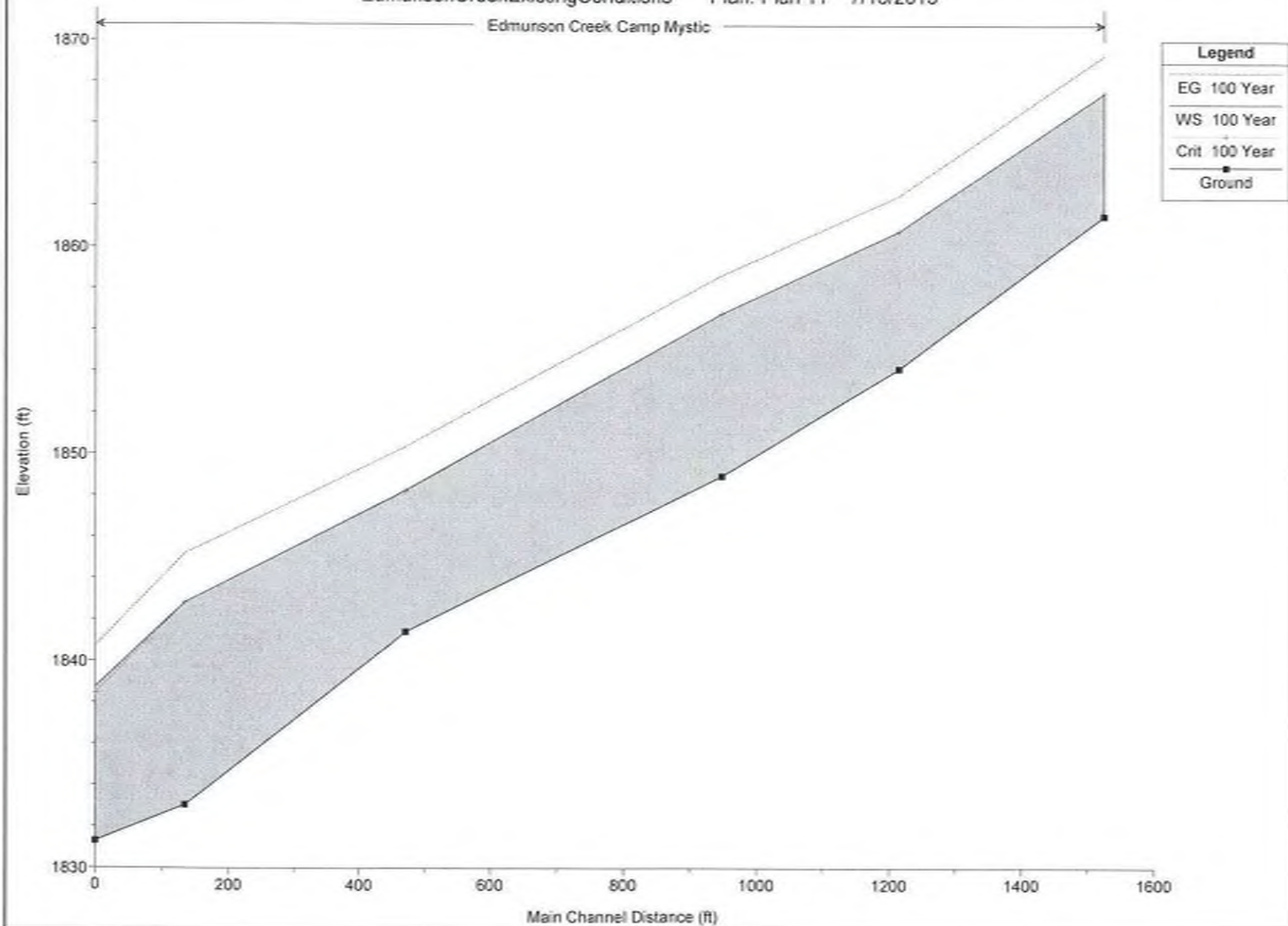
RS = 2





EdmunsonCreekExistingConditions Plan: Plan 11 7/16/2013

Edmunson Creek Camp Mystic



HEC-RAS Version 4.1.0 Jan 2010
 U.S. Army Corps of Engineers
 Hydrologic Engineering Center
 609 Second Street
 Davis, California

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X   X XXXXXX XXXX XXXX XX XXXX
X   X X      X X X X X X
X   X X      X X X X X
XXXXXXX XXXX X XXX XXXX XXXXXX XXXX
X   X X      X X X X X X
X   X X      X X X X X X
X   X XXXXXX XXXX X X X X XXXXX

```

PROJECT DATA

Project Title: CypressCreekExistingConditions

Project File : CypressCreek.prj

Run Date and Time: 7/17/2013 1:38:57 PM

Project in English units

PLAN DATA

Plan Title: Plan 12

Plan File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\CypressCreek.p12

Geometry Title: CypressCreek

Geometry File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\CypressCreek.g10

Flow Title : CypressCreek

Flow File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\CypressCreek.f04

Plan Summary Information:

Number of:	Cross Sections =	4	Multiple Openings =	0
	Culverts =	0	Inline Structures =	0
	Bridges =	0	Lateral Structures =	0

Computational Information

water surface calculation tolerance =	0.01
Critical depth calculation tolerance =	0.01
Maximum number of iterations =	20
Maximum difference tolerance =	0.3
Flow tolerance factor =	0.001

Computation Options

Critical depth computed only where necessary
Conveyance Calculation Method: At breaks in n values only
Friction Slope Method: Average Conveyance
Computational Flow Regime: Subcritical Flow

FLOW DATA

Flow Title: CypressCreek

Flow File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\CypressCreek.f04

Flow Data (cfs)

River	Reach	RS	100 Year
Cypress Creek	Camp Mystic	4	17051

Boundary Conditions

River	Reach	Profile	Upstream	Downstream
Cypress Creek	Camp Mystic	100 Year		Normal S = 0.003

GEOMETRY DATA

Geometry Title: CypressCreek

Geometry File : z:\PROJECT FILES\2013 Projects\13114CampMysticDrainage\CypressCreek.g10

CROSS SECTION

RIVER: Cypress Creek

REACH: Camp Mystic RS: 4

INPUT

Description:

Station	Elevation	Data	num=	13					
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev
960	1940	1000	1842.36	1017.9	1835.11	1025.5	1832.96	1037.6	1829.52
1049.9	1831.47	1063.5	1832.99	1072.1	1833.25	1120.1	1839.39	1138.5	1841.5
1170.6	1852.07	1201.9	1852.86	1282.8	1855.93				

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
960	.055	1017.9	.045	1072.1	.055

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1017.9	1072.1		680	675		.1	.3

CROSS SECTION

RIVER: Cypress Creek

REACH: Camp Mystic RS: 3

INPUT

Description:

Station	Elevation	Data	num=	15				
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
970	1900	1000	1840.81	1022.6	1835.28	1050.9	1834.38	1077.5
1086.5	1829.1	1096	1829.59	1104.2	1830.13	1109.6	1829.09	1117.8
1135.6	1829.03	1191.9	1834.09	1222.2	1850.46	1255	1850.71	1314.1

Manning's n values

Sta	n Val	Sta	n Val	Sta	n Val
970	.055	1050.9	.045	1191.9	.055

Bank Sta:	Left	Right	Lengths:	Left Channel	Right	Coeff	Contr.	Expan.
	1050.9	1191.9		538	535		.1	.3

CROSS SECTION

RIVER: Cypress Creek

REACH: Camp Mystic RS: 2

INPUT

Description:

Station	Elevation	Data	num=	13				
Sta	Elev	Sta	Elev	Sta	Elev	Sta	Elev	Sta
1000	1848.68	1005.1	1836.37	1038.5	1828.26	1059.3	1827.19	1067.9
1110.2	1825.01	1130	1823.45	1145.4	1823.85	1150.3	1826.24	1157.4
1183.6	1832.18	1208.2	1844.68	1225.2	1845.18			

Manning's n Values
 Sta n Val Sta num= 3
 1000 .055 1038.5 n Val Sta n Val
 .045 1157.4 .055

Bank Sta: Left Right Lengths: Left Channel Right Coeff Contr. Expan.
 1038.5 1157.4 322 323 325 .1 .3

CROSS SECTION

RIVER: Cypress Creek
 REACH: Camp Mystic RS: 1

INPUT
 Description:
 Station Elevation Data num= 11
 Sta Elev Sta Elev Sta Elev Sta Elev Sta Elev
 1000 1848.02 1029.8 1828.57 1058.3 1827.46 1061.8 1826.23 1075.4 1821.18
 1086.2 1820.84 1105.3 1821.7 1117.7 1826.15 1125.7 1828.36 1158.3 1828.09
 1199.7 1842.4

Manning's n Values
 Sta n Val Sta num= 3
 1000 .055 1058.3 n Val Sta n Val
 .045 1125.7 .055

Bank Sta: Left Right Coeff Contr. Expan.
 1058.3 1125.7 .1 .3

SUMMARY OF MANNING'S N VALUES

River: Cypress Creek

Reach	River Sta.	n1	n2	n3
Camp Mystic	4	.055	.045	.055
Camp Mystic	3	.055	.045	.055
Camp Mystic	2	.055	.045	.055
Camp Mystic	1	.055	.045	.055

SUMMARY OF REACH LENGTHS

River: Cypress Creek

Reach	River Sta.	Left	Channel	Right
Camp Mystic	4	680	675	668
Camp Mystic	3	538	535	533
Camp Mystic	2	322	323	325
Camp Mystic	1			

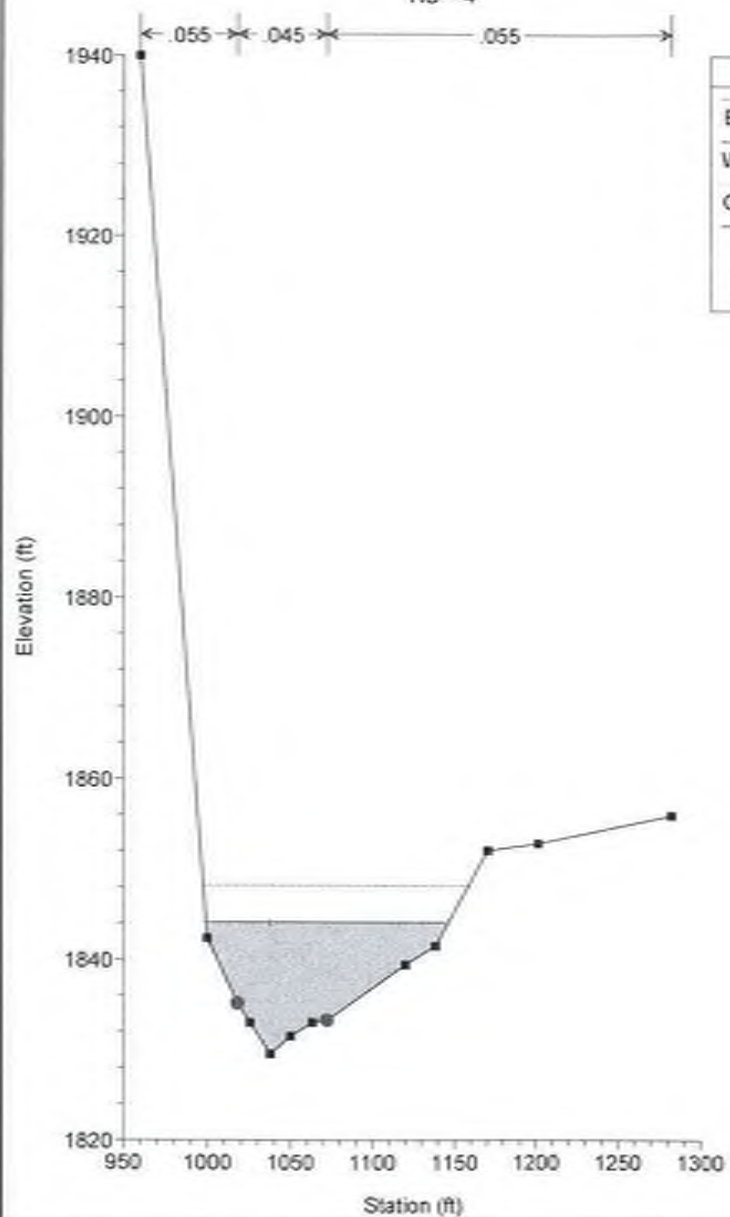
Profile Output Table - Standard Table 1

Reach Chl	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude #
Camp Mystic	4	100 Year	17051.00	1829.52	1844.09	1844.09	1848.16	0.011399	18.33	1201.51	147.08	
0.93												
Camp Mystic	3	100 Year	17051.00	1828.31	1841.21		1842.80	0.004385	10.48	1786.35	205.28	
0.57												

CypressCreek.rep											
0.39	Camp Mystic	2	100 Year	17051.00	1823.45	1840.15	1841.15	0.001891	8.47	2297.04	195.76
0.49	Camp Mystic	1	100 Year	17051.00	1820.84	1838.86	1834.33	0.003001	11.08	1959.78	175.43

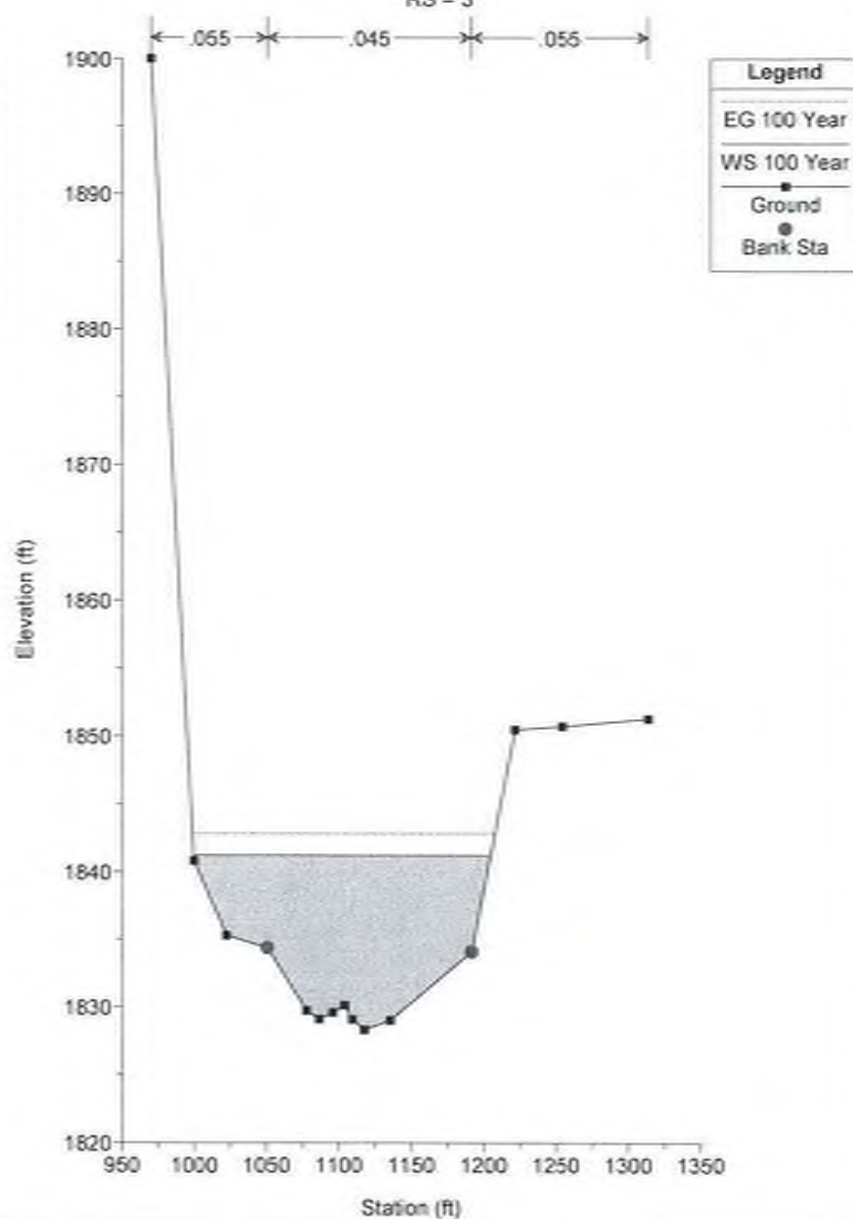
CypressCreekExistingConditions Plan: Plan 12 7/17/2013

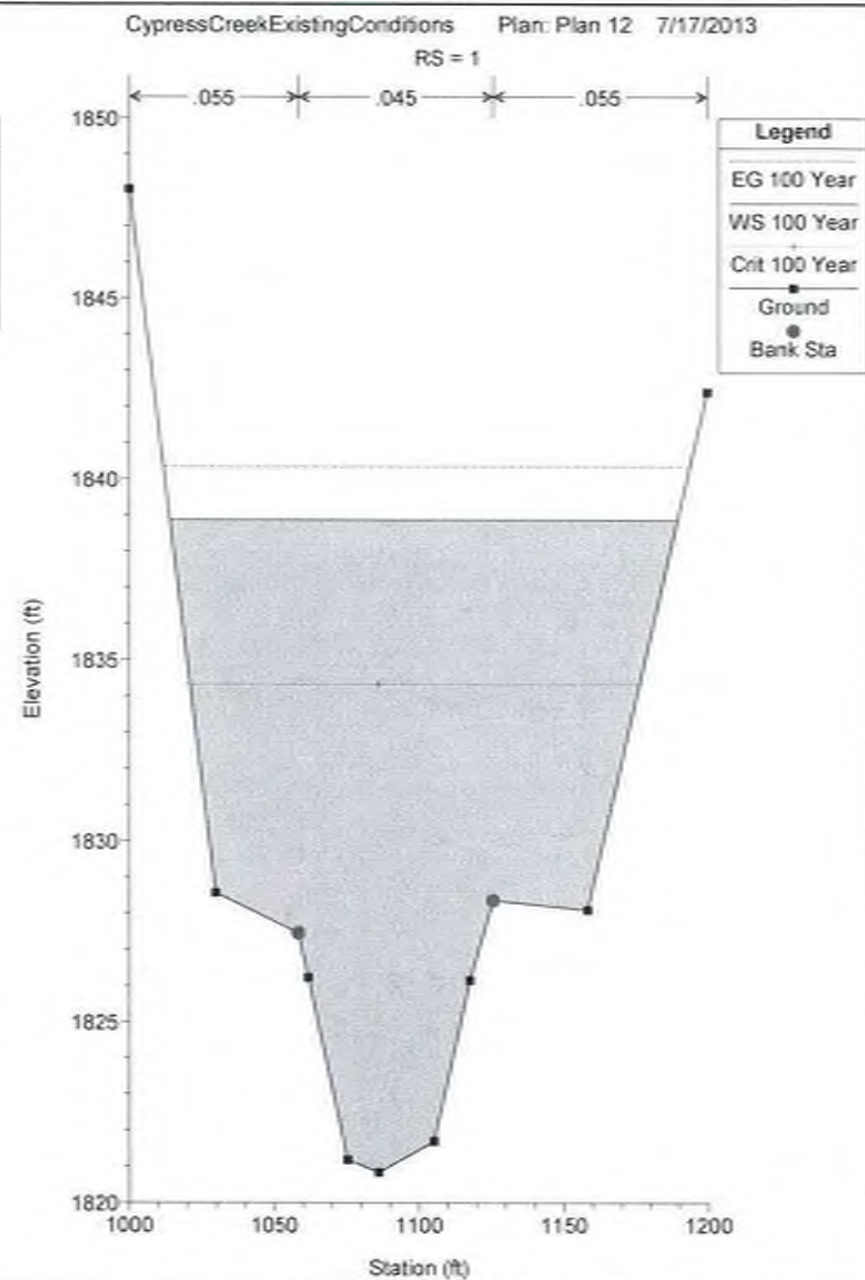
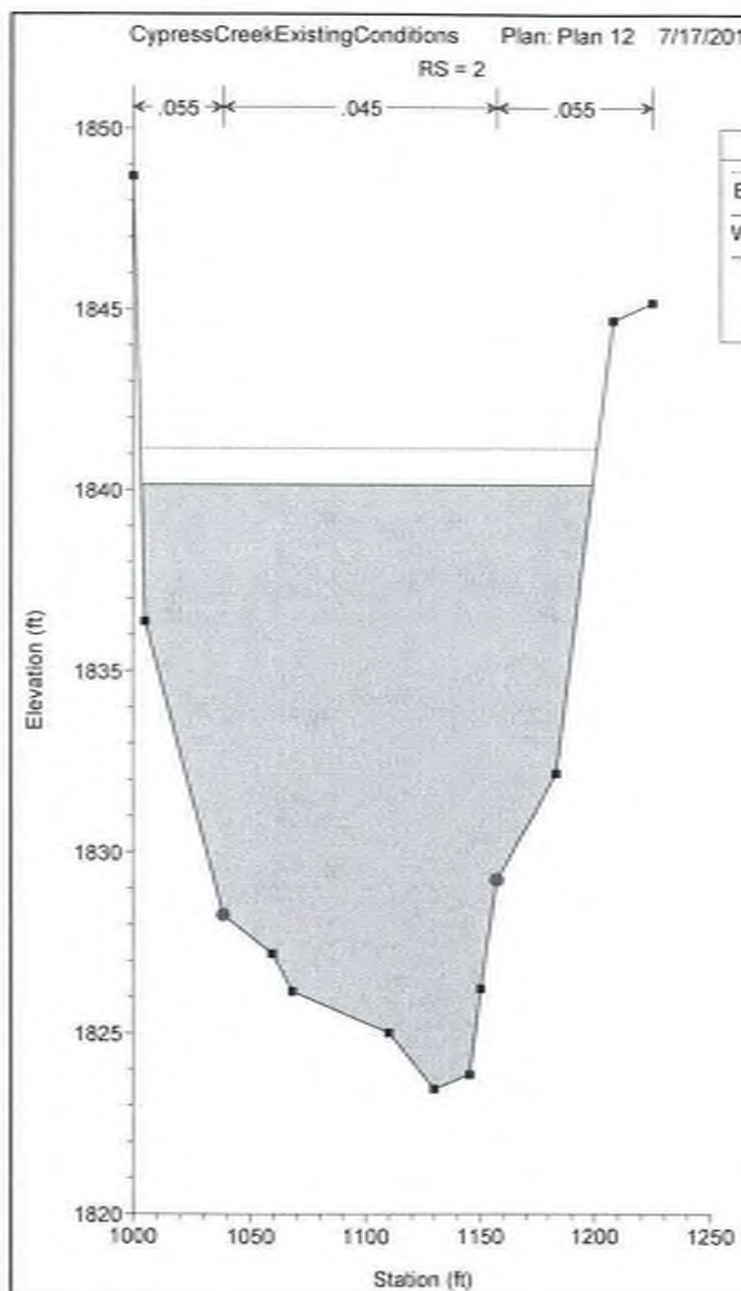
RS = 4



CypressCreekExistingConditions Plan: Plan 12 7/17/2013

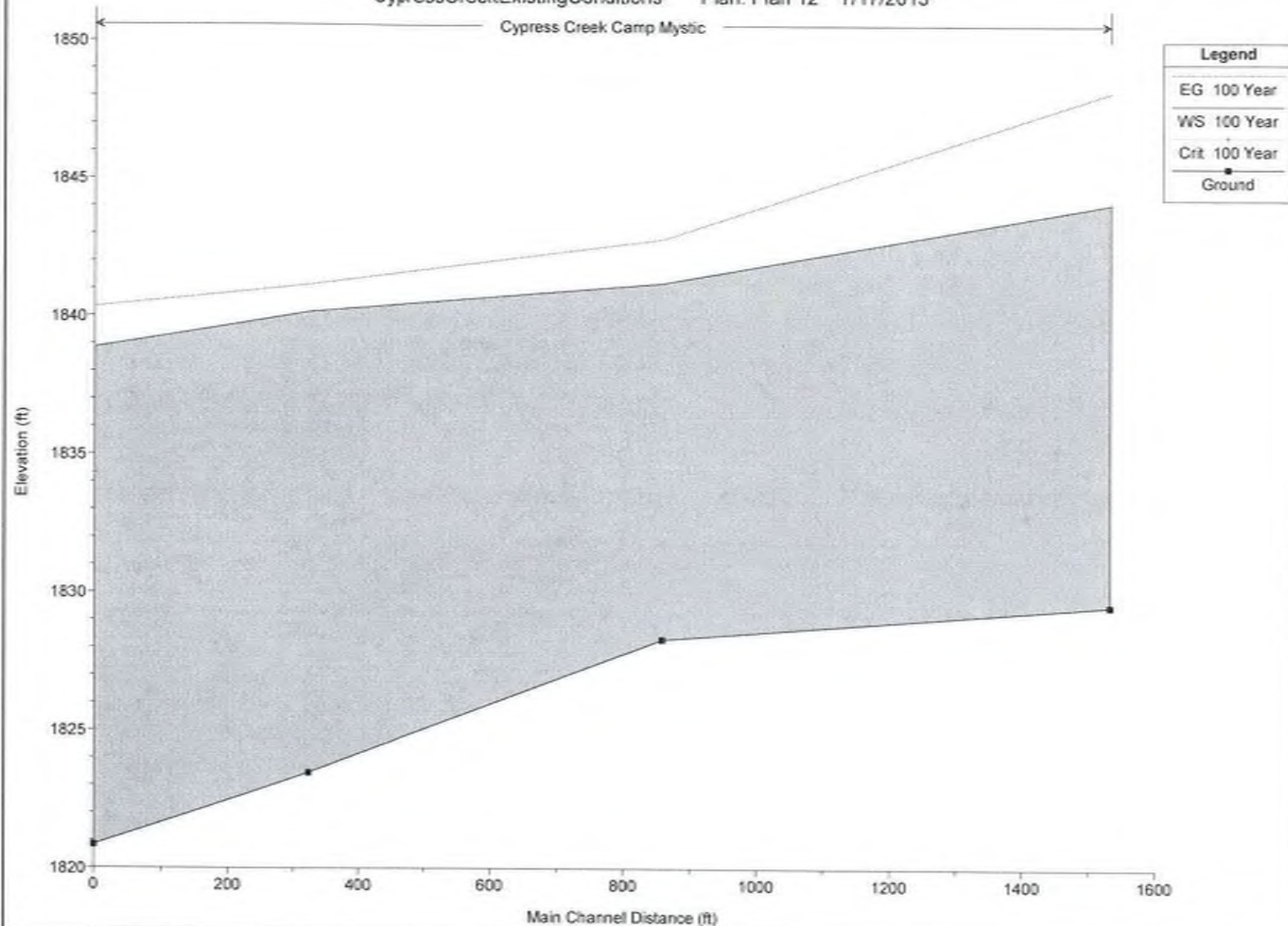
RS = 3





CypressCreekExistingConditions Plan: Plan 12 7/17/2013

Cypress Creek Camp Mystic





Federal Emergency Management Agency
Washington, D.C. 20472

August 29, 2013

Case No.: 13-06-4293A
216-A

We have received your request that the Federal Emergency Management Agency determine if the property identified below is located within an identified Special Flood Hazard Area on the applicable National Flood Insurance Program map.

TAX PARCEL R19022 -- 2689 HIGHWAY 39

We are reviewing your submitted data and will contact you if additional information is required to process your request. If additional information is not required, we will issue a final letter of determination within 30-60 days. Inquiries concerning the status of your request should be made by calling the FEMA Map Assistance Center toll free at (877)-336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Please be assured we will do our best to respond to all inquiries in a timely manner.

Federal Emergency Management Agency
Washington, D.C. 20472

Official Business



Kerrville, TX 78028