



LAUGHLIN and SPENCE

CIVIL ENGINEERS & SURVEYORS

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Post-construction Elevation Certificate For Les Lyman (Grow West) ADA Restoom (elevated) 39290 County Road 16 Woodland, ČA 95695 APN: 056-250-013

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Yolo County Bldg. Permit #BP21-0883 L&S Job Number 216088

Preconstruction EC submitted 9/20/21 rev. 10-19-21 Form Board EC submitted _/_/_ Final EC submitted 08-10-2023 revised 9-14-2023

U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program

OMB Control No. 1660-0008 Expiration Date; 06/30/2026

ELEVATION CERTIFICATE IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner. SECTION A - PROPERTY INFORMATION FOR INSURANCE COMPANY USE A1. Building Owner's Name: LES LYMAN A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: Policy Number: _ Company NAIC Number: _ City: Woodland A3. Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number: ZIP Code: 95695 Yolo County APN: 056-250-013 A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.): Non residential accessory elevated ADA Restroom A5. Latitude/Longitude: Lat. 38°45'02.0" N Long. 121°46'46.5"W Horizontal Datum: NAD 1927 NAD 1983 WGS 84 A6. Attach at least two and when possible four clear photographs (one for each side) of the building (see Form pages 7 and 8). A7. Building Diagram Number: ___1A A8. For a building with a crawlspace or enclosure(s): a) Square footage of crawlspace or enclosure(s): ______N/A _____sq. ft. b) Is there at least one permanent flood opening on two different sides of each enclosed area?

Yes No XN/A c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade: Non-engineered flood openings: N/A Engineered flood openings: N/A d) Total net open area of non-engineered flood openings in A8.c: N/A sq. in. f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): _____N/A A9. For a building with an attached garage: a) Square footage of attached garage:
_____ __N/A sq. ft. b) Is there at least one permanent flood opening on two different sides of the attached garage?

Yes No N/A c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade: Non-engineered flood openings: N/A Engineered flood openings: N/A d) Total net open area of non-engineered flood openings in A9.c: ____N/A____sq. in. e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): N/A sq. ft. f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): N/A SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION B1.a. NFIP Community Name: Yolo County B1.b. NFIP Community Identification Number: 060423 B2. County Name: Yolo B3. State: CA B4. Map/Panel No.: 06113C/0300 B5. Suffix: G B6. FIRM Index Date: 5-16-2012 B7. FIRM Panel Effective/Revised Date: 6-18-2010 B8. Flood Zone(s): A B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): 51.5' B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9: ☐ FIS ☐ FIRM 【☐ Community Determined ☐ Other: WOOD RODGERS FLOOD STUDY (2012) B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 X NAVD 1988 Other/Source: B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes X No Designation Date: N/A CBRS OPA B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? Yes X No

ELEVATION CERTIFICATE IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON FACES	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:	Policy Number:
	Company NAIC Number:
State: Or	
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY	(REQUIRED)
C1. Building elevations are based on: Construction Drawings* Building or local Construction of the building is complete. *A new Elevation Certificate will be required when construction of the building is complete. *A new Elevation Certificate will be required when construction of the building is complete. *A new Elevation Certificate will be required when construction of the building is complete. *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevation Service will be required when construction of the building is complete. *A new Elevation Service will be required when construction of the building is complete. *A new Elevation Service will be required when construction of the building is complete. *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), AR, AR/A *A new Elevations — Zones A1—A30, AE, AH, AO, A (with BFE), VE, V1—V30, V (with BFE), VE, V1—V30, V (with BFE), VE, V1—V30,	N. AR/AE, AR/A1–A30, AR/AH, AR/AO, n Puerto Rico only, enter meters. NAVD 1988
a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	N/A feet meters
b) top of the state of the stat	N/A meters
. c - l = lo lo	N/A motors
e) Lowest elevation of Machinery and Equipment (MAC) sortion of Machinery and Mac	52.5
g) Highest Adjacent Grade (HAG) hext to ballow 2 h) Finished LAG at lowest elevation of attached deck or stairs, including structural	N/A feet meters
	CERTIFICATION
h) Finished LAG distance support: SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT (This certification is to be signed and sealed by a land surveyor, engineer, or architect authorize information. I certify that the information on this Certificate represents my best efforts to interpretation in the information on this certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information on this Certificate represents my best efforts to interpretation. I certify that the information of th	pret the data availables some of.
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Title: Land Surveyor Company Name: Laughlin and Spence 1008 Live Oak Blvd	991 No. 7414
City: Yuba City State: CA Z Date: 8-1	10-2023
Signature: Email: jeff@laughlinspence.com	surance agent/company, and (3) building ow
Telephone:	er C2.e; and description of any attachment
Comments (including source of conversion factor in C2; type of equipment and location processes and learning the building floor supporting the mechanical unit, lights and See page 9 for additional notes.	d receptacies.

3	39290 County Ro	cluding Apt., Unit, Suite	e, and/or Bldg. I	THE INSTRUCTION OF P.O. Route	e and Box No	FOR INSURANCE COMPANY US
City: _V	<u>Voodland</u>		_			
	SECTIO			ZIP Code: 9	5695	Policy Number:
	350110	PN E - BUILDING M FOR ZONE AO	EASUREMEN	T INFORMAT	ON (OUR)	Company NAIC Number:
*A new Ele	o support a Letter easurements are be evation Certificates	of Map Change reques	lete Items E1-E st, complete Sec action Drawings	5. For Items E1-	E4, use natural	grade, if available. If the Cartificate
b) Top o	of bottom floor (inc Ispace, or enclosu	re) is: luding basement, re) is:	NOT REC	PURED Geef	meters	above or below the HAG.
E2. For Build next high Building E3. Attached	ling Diagrams 6–9 her floor (C2.b in a Diagram) of the bu garage (top of slal	with permanent flood opplicable oplicable olilding is:	openings provid	ed in Section		□ above or □ below the LAG. (see pages 1–2 of Instructions), the □ above or □ below the HAC
E4. Top of pla servicing	atform of machiner the building is:	/ and/or equipment	a lother to	feet	☐ meters	above or below the HAG.
						dance with the community's
sign here. The Check here	wner or owner's au statements in Sec if attachments and	ithorized representative tions A, B, and E are conditions A, B, and E common the Common tized Representative N	re who complete correct to the bes	UTHORIZED R s Sections A, B, st of my knowled	EPRESENTA' and E for Zone ge	fy this information in Section G. TIVE) CERTIFICATION A (without BFE) or Zone AO must
gnature:				s	tate:	ZIP Code:
elephone:		Ext.: Emai	11.	Date:		
omments:						

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

G4.	State: Address (including Apt., Unit, Suite, and/or Bidg. No.) or P.O. Route and Box No Policy Number: Say 99 County Road 16 State: CA
State: CA ZIP Code: 98692 Company NAIC Number. SECTION G - COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION) SECTION G - COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, and information in Section C was taken from other documentation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architecture) and the source and date of the engineer, or architecture and the source and date of the engineer, or architecture and date of the source and date of the engineer. Source of the source and date of the engineer. Source of the source and date of the engineer. Source of the source and date of the engineer. Source of the source and date of the engineer. Source of the source and date of the engineer. Source	State: CA ZIP Code: 95895 Company NAIC Number. SECTION G - COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION) SECTION G - COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION) The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when: Section A, B, C, E, G, or H of this Elevation C was taken from other documentation that has been signed and sealed by a licensed surveyor, and sign below when: Section A, B, C, E, G, or H of this Elevation C was taken from other documentation in formation, (Indicate the source and date of the engineer, or architect who is authorized by state law to certify devalon information, (Indicate the source and date of the engineer, or architect who is authorized by state law to certify devalon information, (Indicate the source and date of the engineer, or architect who is authorized by state law to certify devalon information, (Indicate the source and date of the engineer of the source and date of the engineer and date of the source and
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The local official who is authorized by law or ordinate. Complete the applicable item(s) and sign between the Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign between the Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign between the Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.) G2.a. A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO. G2.b. A local official completed Section H for insurance purposes. G3. In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and H. The following information (Items G5–G11) is provided for community floodplain management purposes. G4. The following information (Items G5–G11) is provided for community floodplain management purposes. G5. Permit Number: P27021-0983 G6. Date Permit Issued: OH/O1/2022 G6. This permit has been issued for: New Construction Substantial Improvement G9.a. Elevation of as-built lowest floor (including basement) of the building: G9.b. Elevation of bottom of as-built lowest horizontal structural member: G10.a. BFE (or depth in Zone AO) of flooding at the building site: S1.5 Teet meters Datum: NAVD191 G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural member: G11. Variance issued? Yes No If yes, attach documentation and describe in the Comments area of this section. The local official who provides information in Section G must sign here. I have completed the information in Section G and certify that in the Comments area of this section. The local official who provides	The local official who is authorized by law or ordinate. Complete the applicable items(s) and sign below with Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable items(s) and sign below with Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable items(s) and sign below with the Section F or a building located in Zone A (without a BFE), Zone AO, or Zone ARIAO, or when item engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect with a source and date of the engineer, or architecture in the Comments area of Section 6, the local official who provides floor or lowest horizontal structural member: G11. Variance issued?
The local official who is authorized by law or fortilizate. Complete the applicable item(s) and sign between this Elevation Certificate. Complete the applicable item(s) and sign between the Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign between the Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign between the Section C, B, C, E, G, or H of this Elevation Certificate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the elevation information in Section B abundle of the levation of section G abundle for insurance purposes. G2.b.	The local official who is authorized by law or ordinate. Complete the applicable item(s) and sign below which Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below which Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below which severe and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the engineer, or architecture) elevation and building located in Zone AO. G2.b. A local official completed Section E for a building located in Zone AO. G3. In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and F. The following information (Items G5–G11) is provided for community floodplain management purposes. G3. The following information (Items G5–G11) is provided for community floodplain management purposes. G4. The following information (Items G5–G11) is provided for community floodplain management purposes. G4. The following information (Items G5–G11) is provided for community floodplain management purposes. G4. The following information of locating basement) of the School of Substantial Improvement G9.a. Elevation of as-built lowest floor (Including basement) of the School of Substantial Improvement G9.b. Elevation of as-built lowest floor (Including basement) of the School of Substantial Improvement G10.b. Community's minimum elevation (or depth in Zone AO) repute
Midled	the ation par (2/ 6) description of any

City: Woodland	unty Road 16	, Suite, and/or Bldg	ON CERTIFICATE W THE INSTRUCTIONS ON PA . No.) or P.O. Route and Box No.	.: FOR INSURANCE COMPA	NY
City: Woodland		State: CA	ZIP Code: 95695	Policy Number:	
	SECTION H - BUIL	DINIOIS		Company NAIC Number:	
	(SURVEY	NOT REQUIRED (OOR HEIGHT INFORMATION FOR INSURANCE PURPOS	N FOR ALL ZONES ES ONLY) ay complete Section H for all flood be completed. Enter heights to the	
b) For Building I higher floor (i.e., the enclosure floor) is 12. Is all Machinery are H2 arrow (shown in Yes No	Diagrams 2A, 2B, 4, and the floor above basement: and Equipment servicing in the Foundation Type	rs) is: nd 6–9. Top of next ent, crawispace, or the building (as listed Diagrams at end of S	NOT REQUIRED feet [I in Item H2 instructions) elevated section H instructions) for the appropriate feet [I in Item H2 instructions]	_	/ the
Check here if attach	nd sign Section G. ments are provided (inc	Cluding required photo	al floodplain management officia	sign here. The statements in Sect	rions
Check here if attaching or Owner Owner or Owner or Owner Owner or Owner	d sign Section G.	Cluding required photo	eal floodplain management official	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	ions
Check here if attaching the comments of the co	nd sign Section G. ments are provided (inc	Cluding required photo	al floodplain management officia	sign here. The statements in Sect	ions d
Check here if attaching the comment of the comment	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	ilons d
Check here if attaching operty Owner or	nd sign Section G. ments are provided (inc	Cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	tions d
Check here if attaching perty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	ilons
Check here if attaching perty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	tions d
Check here if attaching perty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	cions d
Check here if attaching perty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d
Check here if attaching perty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d
Check here if attaching the comment of the comment	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d
Check here if attaching the comment of the comment	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	ilons d
Check here if attaching the comment of the comment	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d
Check here if attaching operty Owner or	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d d
Check here if attaching the comments of the co	nd sign Section G. ments are provided (incoments are provided Represe	cluding required photo	eal floodplain management official es) and describe each attachmen State:	sign here. The statements in Sect of completed Section H, they should the tin the Comments area.	d d

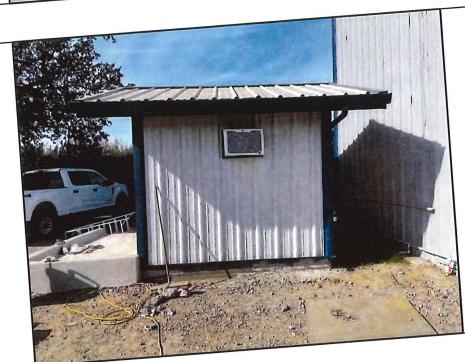
ELEVATION CERTIFICATE IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19 BUILDING PHOTOGRAPHS

BUILDING PHOTOGRAPTIO	
Coo Instructions for item Ac.	FOR INSURANCE COMPANY USE
th Suite, and/or Bldg. No.) or P.O. Route and Box No.:	- II - Number
Otroot Address (Incidents 1)	Policy Number: Company NAIC Number:
39290 County 22	Company
City: Woodland State: Ox photographs showing each side of the	e building (for example, may only liew," "Rear View," te taken and "Front View," "Rear View,"

Instructions: Insert below at least two and when possible four photographs showing each side of the building (for example, may only be able to take front and back pictures of townhouses/rowhouses). Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." Photographs must show the foundation. When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.



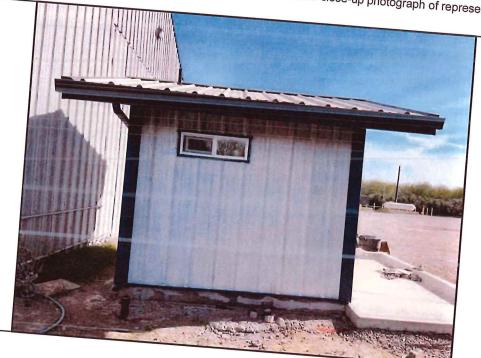
SOUTH ELEVATION



EAST ELEVATION

ELEVATION CERTIFICATE IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19 BUILDING PHOTOGRAPHS

TOTOGRAPHS	
Building Street Address (install)	
39290 County Par Mark Day Not Suite, and/or Bldg At A	*
City Road 16 P.O. Route and Box No.	FOR INCLUD
City: Woodland	FOR INSURANCE COMPANY USE
State: CA	D. II
Insert the third	Policy Number:
View," or "Left Side View "to a below Identify all all	Company NAIC Number
vents, as indicated in co. When flood openings are process, with the date taken and the	
and A9.	View," "Rear View " "Right O: I
priotograp	h of representative flood ones:
	nood openings or



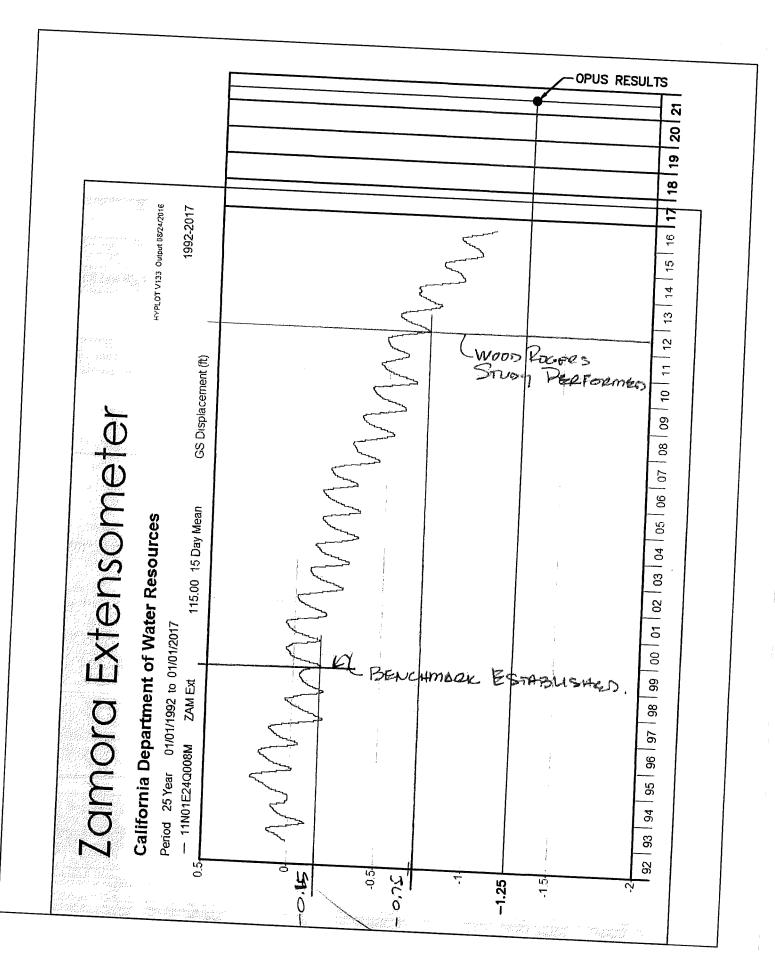
WEST ELEVATION

to Four Caption:

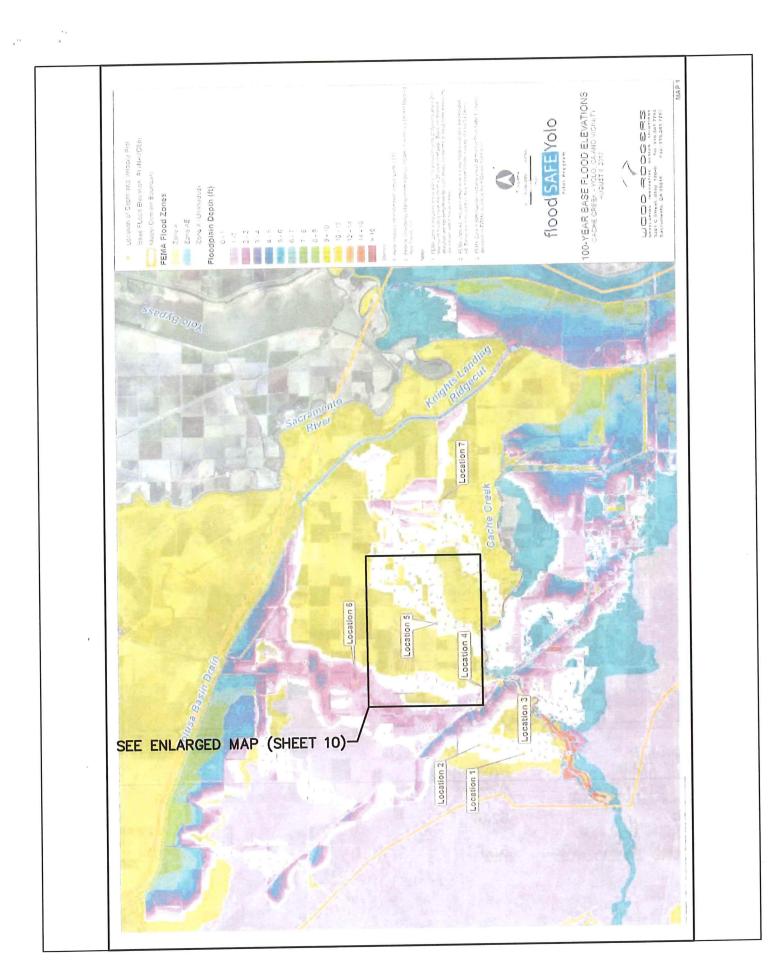
FEMA Elevation Certificate Supplemental Information

For Les Lyman (Grow West) 39290 County Road 16 Woodland, CA 95695 POST-CONSTRUCTION

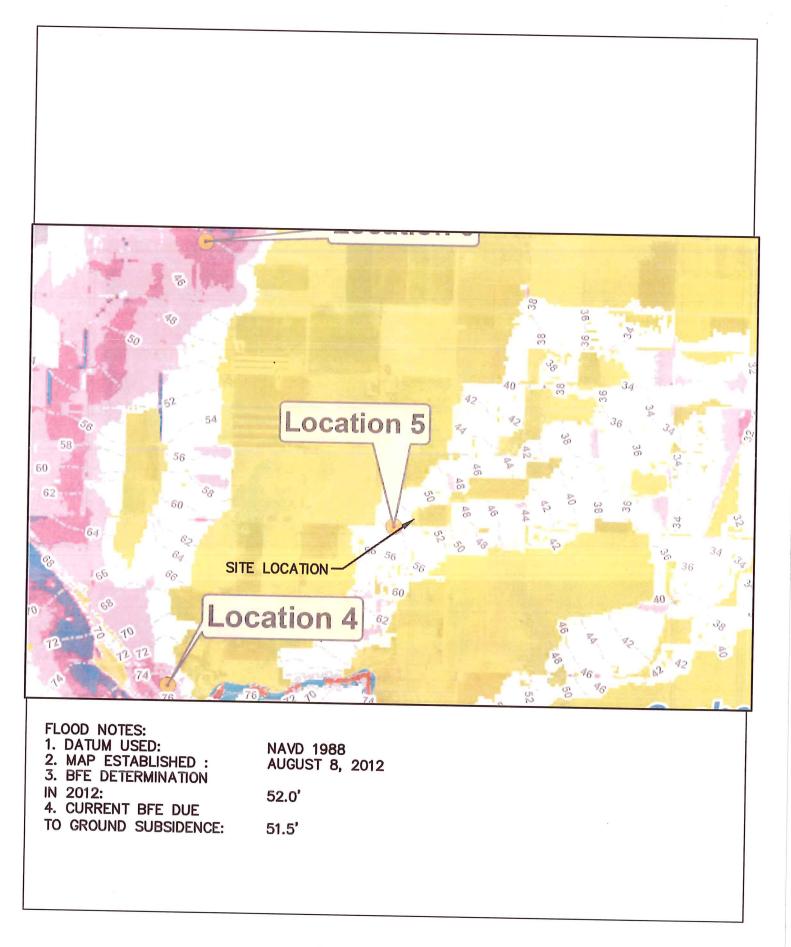
- 1. This elevation certificate is for a 100 sq.ft. ADA compliant restroom. The proposed finished floor of the building is 52.60 feet being above the DFE.
- 2. All elevations referred to in these comments refer to the NAVD88 datum.
- 3. An existing NGS Benchmark "AI5056" with an elevation of 41.6 feet was established in 1999. In 2012, Wood Rodgers Flood Safe Yolo map was published, establishing a BFE for this site at 52.0'. According to the California Department of Water Resources, from 1999 to 2012, the ground subsidence for this site was approximately -0.6 feet. In 2021, using NGS OPUS system, a control point was set on site with an elevation of 50.82' and the NGS benchmark "AI5056" was also shot at the same time and an elevation of 40.52' was determined. This is a difference in elevation of approximately -1.1 feet from when the benchmark was established in 1999. Being that the ground had subsided -0.6 feet from 1999 to 2012, then another -0.5 feet from 2012 to 2021 (being the current year), the BFE would decrease with the ground elevation, making the BFE = 51.5'.
- 4. The design flood elevation (DFE) is 52.5 feet being one foot above the Base Flood Elevation.
- 5. All building materials and utility equipment less than one foot above the base flood elevation shall be flood resistant materials and in conformance with FEMA Technical Bulletin 2-08 Flood Damage Resistant Materials. https://www.fema.gov/sites/default/files/2020-07/fema_tb_2_rev1.pdf
- 6. No mechanical equipment components are proposed.
- 7. Plumbing components located below the DFE shall be installed so as to prevent water from entering or accumulating during conditions of flooding.
- 8. Minimal electrical lights and plugs are proposed and required to be placed on isolated GFI circuits. The electrical circuits will connect to the existing panel in the existing residence. Any electrical components installed below the DFE shall be installed to prevent water from entering or accumulating within the components during conditions of flooding.

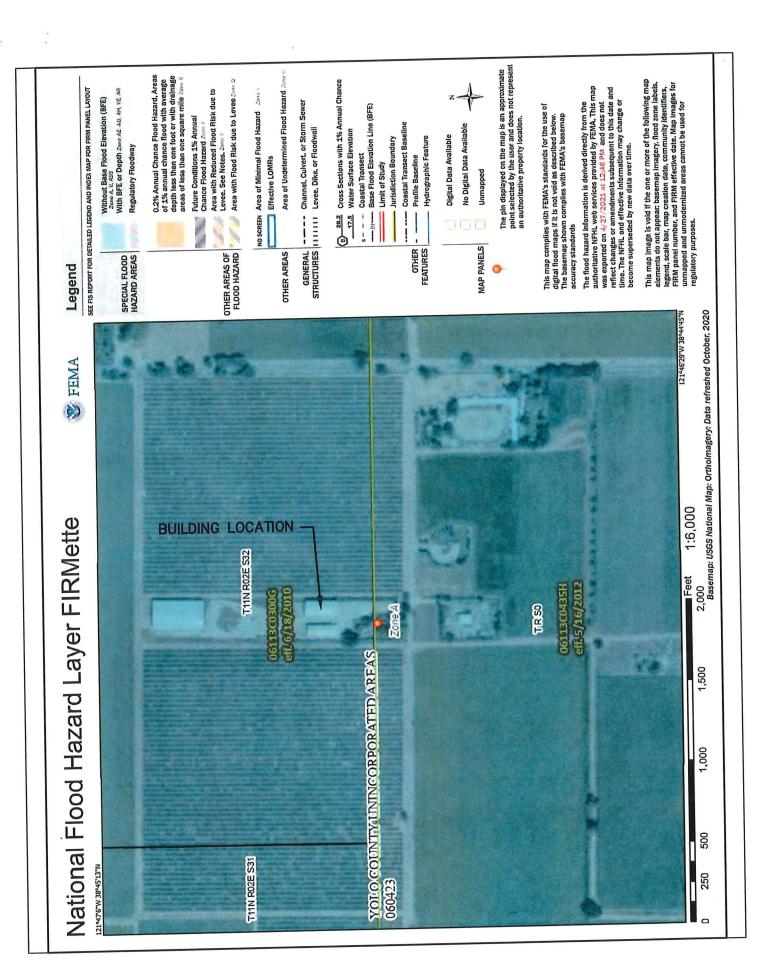


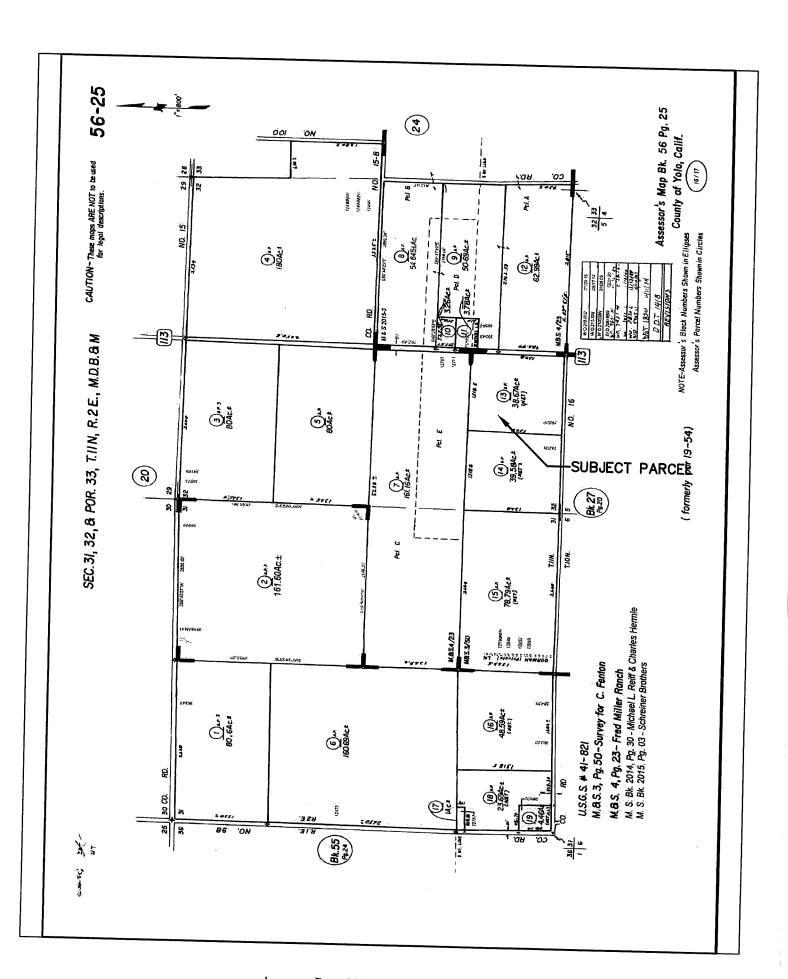
Ground Subsidence Chart

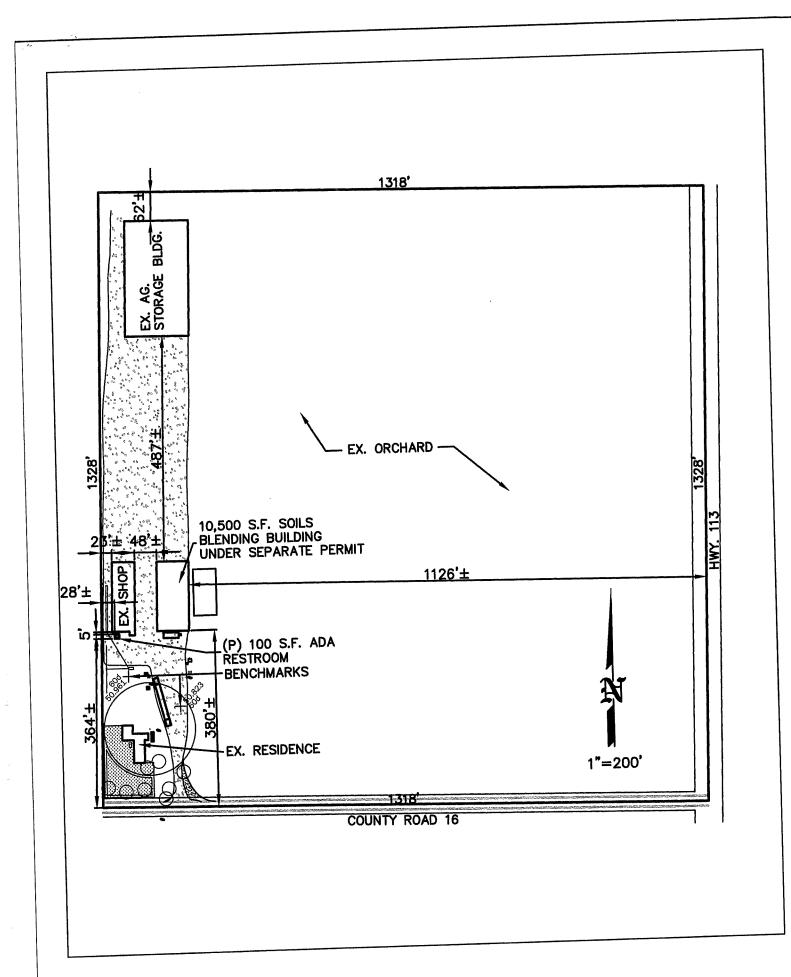


DATUM: NAVD 1988

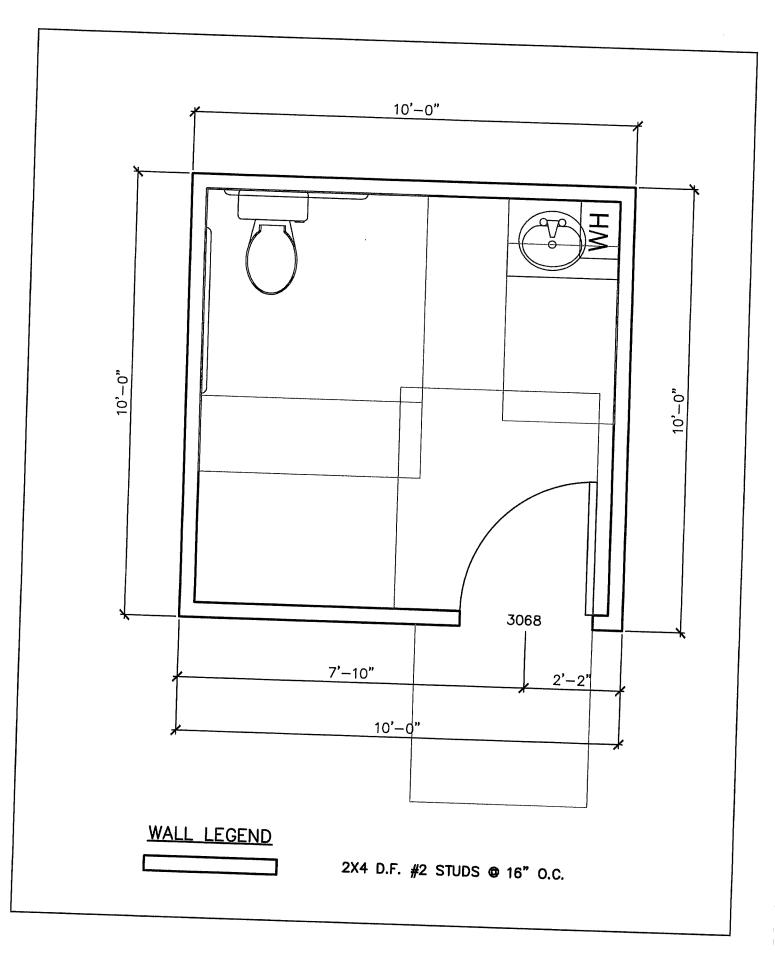








SITE PLAN



Floor Plan

The NGS Data Sheet

See file dsduta.pdf for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.12.5.13
Starting Datasheet Retrieval...
                                   Retrieval Date = AUGUST 4, 2021
        National Geodetic Survey,
AI5056 ****************
                 - This is a Height Modernization Survey Station.
 AIS056 HT MOD
AIS056 DESIGNATION - CODY
AIS056 PID - AIS056
 A15056
        STATE/COUNTY- CA/YOLO
 AIS056
 A15056 COUNTRY
                    - US
        USGS QUAD - ELDORADO BEND (2018)
 AI5056
 AI5056
                                *CURRENT SURVEY CONTROL
 AI5056
 AI5056
AI5056* NAD 83(2011) POSITION- 38 47 30.59962(N) 121 46 29.02277(W)
                                                                       ADJUSTED
                                                                       ADJUSTED
 AI5056* NAD 83(2011) ELLIP HT- -17.618 (meters)
                                                          (06/27/12)
 AI5056* NAD 83(2011) EPOCH - 2010.00
                                                         41.6 (feet) GPS OBS
 AIS056* NAVD 88 ORTHO HEIGHT -
                                  12.67 (meters)
 AT5056
                                                                        GEOID09
         NAVD 88 orthometric height was determined with geoid model
 AI5056
                                                                        GEOID09
                                 -30.402 (meters)
 A15056
         GEOID HEIGHT
                                                                        GEOID18
                                  -30.312 (meters)
        GEOID HEIGHT
 AT5056
        NAD 83(2011) X - -2,621,227.014 (meters)
NAD 83(2011) Y - -4,231,772.900 (meters)
                                                                        COMP
 AI5056
                                                                        COMP
 AI5056
                                                                        COMP
         NAD 83(2011) Z - 3,974,320.290 (meters)
 AI5056
                                                                        DEFLEC18
                                    2.66 (seconds)
        LAPLACE CORR
 AI5056
 AI5056
        Network accuracy estimates per FGDC Geospatial Positioning Accuracy
 A15056
 AI5056
                                        Standard deviation (cm)
                                                                     CorrNE
                FGDC (95% conf, cm)
 AI5056
                                          SD_N SD_E SD_h
                                                                   (unitless)
                  Horiz Ellip
 AI5056
 AI5056
                                          0.15 0.11 0.25
                                                                  -0.06617237
 AI5056 NETWORK 0.33 0.49
 AI5056
        Click here for local accuracies and other accuracy information.
 AT5056
 A15056
 A15056
 AI5056. The horizontal coordinates were established by GPS observations
 AI5056 and adjusted by the National Geodetic Survey in June 2012.
 AI5056
 AI5056.NAD 83(2011) refers to NAD 83 coordinates where the reference frame has
 AIS056.been affixed to the stable North American tectonic plate. See
 AI5056.NA2011 for more information.
 A15056
 AIS056. The horizontal coordinates are valid at the epoch date displayed above
 AT5056.which is a decimal equivalence of Year/Month/Day.
 AI5056
 AI5056. The orthometric height was determined by GPS observations and a
 AI5056.high-resolution geoid model using precise GPS observation and
 AIS056.processing techniques.
 AI5056
 AI5056.Significant digits in the geoid height do not necessarily reflect accuracy.
 AI5056.GEOID18 height accuracy estimate available here.
 AI5056
 AI5056.Click photographs - Photos may exist for this station.
 AI5056
 AI5056. The X, Y, and Z were computed from the position and the ellipsoidal ht.
```

```
AIS056.The Laplace correction was computed from DEFLEC18 derived deflections.
   AI5056.The ellipsoidal height was determined by GPS observations
   AIS056.and is referenced to NAD 83.
   AIS056
  AI5056. The following values were computed from the NAD 83(2011) position.
   AI5056;
                              North
                                            East
                                                     Units Scale Factor Converg.
   AI5056; SPC CA 2
                          624,923.801 2,019,570.071 MT 0.99992766
                                                                       +0 08 31.3
  AI5056; SPC CA 2
                      - 2,050,270.84 6,625,872.81
                                                     SFT
                                                          0.99992766
                                                                       +0 08 31.3
  AI5056;UTM 10
                      - 4,294,389.386
                                        606,410.350 MT 0.99973943
  AI5056
                                                                       +0 46 03.7
  AIS0561
                         Elev Factor x Scale Factor =
                                                          Combined Factor
  AI5056|SPC CA 2
                          1.00000276
                                     х
                                          0.99992766 =
                                                          0.99993042
  AI5056/UTM 10
                          1.00000276
                                     ×
                                          0.99973943 =
                                                          0.99974219
  AI5056
  AI5056_U.S. NATIONAL GRID SPATIAL ADDRESS: 10SFH0641094389(NAD 83)
  AI5056
  AI5056
                                  SUPERSEDED SURVEY CONTROL
  AI5056
  AI5056 NAD 83(2007) - 38 47 30.59910(N)
                                              121 46 29.02194(W) AD(2007.00) 0
          ELLIP H (02/10/07) -17.614 (m)
  AI5056
                                                                 GP(2007.00)
          NAD 83(1998)- 38 47 30.59722(N)
  AI5056
                                              121 46 29.01978(W) AD(2002.53) 1
          ELLIP H (02/03/03) -17.586 (m)
  AI5056
                                                                 GP(2002.53) 4 1
  AI5056
          NAD 83(1998) - 38 47 30,59651(N)
                                              121 46 29.01915(W) AD(1999.51) 1
          ELLIP H (05/12/00) -17.530
  AI5056
                                       (m)
                                                                 GP(1999.51) 4 1
          NAVD 88 (02/03/03)
  AI5056
                              12.75
                                            UNKNOWN model used
                                       (m)
                                                                 GPS ORS
  AI5056
          NAVD 88 (05/12/00)
                                            GEOID99 model used
                              12.81
                                       (m)
                                                                 GPS OBS
 AI5056
 AI5056.Superseded values are not recommended for survey control.
 AT5056
 AIS056.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 AI5056.See file dsdata.pdf to determine how the superseded data were derived.
 AI5056_MARKER: DD = SURVEY DISK
 AIS056_SETTING: 50 = ALUMINUM ALLOY ROD W/O SLEEVE (10 FT.+)
 AIS056_STAMPING: CODY 1999
 AI5056 MARK LOGO: CA-113
 AI5056_PROJECTION: RECESSED 7 CENTIMETERS
 AIS056_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
 AIS056_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
 AIS056_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AI5056+SATELLITE: SATELLITE OBSERVATIONS - January 01, 2008
 AI5056_ROD/PIPE-DEPTH: 6.1 meters
AI5056
AI5056 HISTORY
                     - Date
                                Condition
                                                 Report By
AIS056 HISTORY
                     - 1999
                                MONUMENTED
                                                 FRAME
AI5056
        HISTORY
                    - 20020826 GOOD
                                                 FRAME
AI5056 HISTORY
                    - 20080101 GOOD
                                                 FRAME
AI5056
AI5056
                                STATION DESCRIPTION
AIS056
AI5056 DESCRIBED BY FRAME SURVEYING AND MAPPING 1999 (JHF)
AIS056 THE STATION IS LOCATED ABOUT 5.5 MI (8.9 KM) EAST OF ZAMORA AND ABOUT
AI5056'3 MI (4.8 KM) WEST OF KNIGHTS LANDING. TO REACH THE STATION FROM THE
AIS056 INTERSECTION OF INTERSTATE HIGHWAY 5 AND COUNTY ROAD E10, ROAD 13, IN
AI5056'ZAMORA, GO EAST ON ROAD E10 FOR ABOUT 3.0 MI (4.8 KM) TO THE
AI5056 INTERSECTION OF ROAD 97. CONTINUE EAST ON ROAD E10 FOR ABOUT 2.5 MI
AI5056'(4.0 KM) TO THE END OF ROAD E10 AND THE INTERSECTION OF STATE HIGHWAY
AI5056'113 AND COUNTY ROAD E11, ROAD 99E. TURN RIGHT AND GO SOUTH ON HIGHWAY
AI5056'113 FOR ABOUT 0.1 MI (0.2 KM) TO THE STATION ON THE RIGHT JUST PAST A
AI5056 LARGE MILLING AND STORAGE PLANT. THE STATION IS A 2 1/2 IN YOLO
AI5056 COUNTY DISK SET INSIDE AN ALUMINUM LOGO CAP. IT IS ABOUT 40 M (131.2
AIS056'FT) SOUTH-SOUTHEAST OF THE SOUTHEAST CORNER OF A LARGE CORRUGATED
```

AIS056'METAL BUILDING, 21.4 M (70.2 FT) WEST-SOUTHWEST OF AND ACROSS HIGHWAY AIS056'113 FROM A POWER POLE WITH TRANSFORMER, 10.5 M (34.4 FT) WEST OF THE AIS056'CENTERLINE OF THE HIGHWAY AND 0.8 M (2.6 FT) EAST OF A CARSONITE AIS056'WITNESS POST.

AI5056

AI5056

STATION RECOVERY (2002)

AI5056

AI5056'RECOVERY NOTE BY FRAME SURVEYING AND MAPPING 2002 (JHF)

AIS056 RECOVERED AS DESCRIBED.

AI5056 AI5056

STATION RECOVERY (2008)

AI5056

AI5056 RECOVERY NOTE BY FRAME SURVEYING AND MAPPING 2008 (3HF)

AIS056'RECOVERED AS DESCRIBED.

*** retrieval complete. Elapsed Time = 00:00:02

FILE: 1___1190.21o OP1619793278537 2005 NOTE: The IGS precise and IGS rapid orbits were not available 2005 at processing time. The IGS ultra-rapid orbit was/will be used to 2005 process the data. 2005 NGS OPUS-RS SOLUTION REPORT ______ All computed coordinate accuracies are listed as 1-sigma RMS values. For additional information: https://www.ngs.noaa.gov/OPUS/about.jsp#accuracy USER: brett@laughlinspence.com DATE: April 30, 2021 RINEX FILE: 1 119v.21o TIME: 14:37:19 UTC SOFTWARE: rsgps 1.38 RS93.prl 1.99.3 START: 2021/04/29 21:21:20 EPHEMERIS: igu21554.eph [ultra-rapid] STOP: 2021/04/29 22:27:45 NAV FILE: brdc1190.21n OBS USED: 5454 / 6228 ; 88% ANT NAME: LEIATX1230GG NONE QUALITY IND. 27.87/47.50 ARP HEIGHT: 1.617 NORMALIZED RMS: 0.259 REF FRAME: NAD_83(2011)(EPOCH:2010.0000) ITRF2014 (EPOCH:2021.32579) X: -2623114.720(m) 0.010(m) -2623115.743(m) 0.010(m) Y: -4234019.303(m) 0.012(m) -4234017.929(m) 0.012(m) 3970709.180(m) 0.012(m) 3970709.133(m) 0.012(m) LAT: 38 45 0.32926 0.006(m) 38 45 0.34085 0.006(m) E LON: 238 13 13.50635 0.007(m) 238 13 13.44040 0.007(m) W LON: 121 46 46.49365 0.007(m) 121 46 46.55960 0.007(m) EL HGT: -14.986(m) 0.017(m) -15.506(m) 0.017(m) **ORTHO HGT:** 15.491(m) 0.033(m) [NAVD88 (Computed using GEOID18)] 60.823' ± 0.108' UTM COORDINATES STATE PLANE COORDINATES UTM (Zone 10) SPC (0402 CA 2) Northing (Y) [meters] 4289751,574 620289.307 Easting (X) [meters] 606050.665 2019159.712 Convergence [degrees] 0.76396111 0.13896667

Point Scale

Combined Factor

0.99973849

0.99974084

1

0.99993163

0.99993398

US NATIONAL GRID DESIGNATOR: 105FH0605089751(NAD 83)

BASE STATIONS USED

DESIGNATION LATITUDE LONGITUDE DISTANCE(m) DN7510 ORVB OROVILLE DAM CORS ARP N393316.644 W1213000.994 92525.4 DN7569 P256 FALLMANPRPCN2005 CORS ARP N375555.058 W1213617.369 92089.9 DG8210 P261 HUNTERHILLCN2004 CORS ARP N380910.643 W1221303.089 76518.7 DK6402 P336 HUBBARDRDGCN2007 CORS ARP N393141.074 W1222549.687 103085.9 AF9564 QUIN QUINCY CORS ARP N395828.380 W1205639.889 153832.9 DN7372 P310 ALDERRIDGECN2006 CORS ARP N384408.171 W1202003.561 125686.9 DO7031 CASR SANTA ROSA CA CORS ARP N382626.414 W1224449.165 91007.5 DK6396 P206 CRAZYCREEKCN2006 CORS ARP N384640.128 W1223432.803 69270.2 DN7395 P346 BUZZARDRSTCN2007 CORS ARP N394740.941 W1205202.816 140194.2

NEAREST NGS PUBLISHED CONTROL POINT

JS2233

YOLO RM 1 N384300038. W1214800023. 3439.0

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.