

American River Flood Control District

CA Central Valley Flood Protection Board Permit: SMUD Power Pole Replacement Staff Report

Discussion:

The Sacramento Municipal Utility District(SMUD) submitted an encroachment permit application for the approval of 10 existing power poles along the landside toe of the South Levee of the American River at Highway 160. Five of the poles will actually need to be replaced due to deterioration or upgraded standards for road crossings. Three of the replacement poles will be upgraded to new steel poles. Two of the replacement poles will be done with new wooden poles. One new wooden pole to be installed will require two guy wires to anchor and stabilize the pole. The guy wires will be installed situated in the direction away from the levee and will not obstruct levee access or impinge on the integrity of the levee.

Recommendation:

The General Manager recommends that the Board of Trustees endorse the application from SMUD for the 10 power poles.

**APPLICATION FOR A CENTRAL VALLEY FLOOD PROTECTION BOARD
ENCROACHMENT PERMIT**

Application No. _____
(For Office Use Only)

1. Description of proposed work being specific to include all items that will be covered under the issued permit.

10 pole, pole line constructed by SMUD prior to the adoption of the State Plan of Flood Control. These poles are a combination of wood and steel poles, being set at the toe of the levee. The north western most pole is located at 38.596672, -121.478388 and the south eastern most pole is located at 38.593303, -121.475575. Need permit for these 10 poles. See attached plans.

2. Project
Location: Sacramento County, in Section _____
Township: 9N (N) (S), Range: 5E (E) (W), M. D. B. & M.
Latitude: 38.596672 Longitude: -121.478388
Stream: American Riiver, Levee: _____ Designated Floodway: _____
APN: 001-0104-001-0000

3. Sacramento Municipal Utility Distrcit of 6201 S Street, B209
Name of Applicant / Land Owner Address
Sacramento CA 95817 916-212-7910
City State Zip Code Telephone Number
rachel.delrio@smud.org
E-mail

4. Rachel V. Del Rlo of SMUD
Name of Applicant's Representative Company
Sacramento CA 95817 916-212-7910
City State Zip Code Telephone Number
rachel.delrio@smud.org
E-mail

5. Endorsement of the proposed project from the Local Maintaining Agency (LMA):

We, the Trustees of SMUD approve this plan, subject to the following conditions:
Name of LMA

- Conditions listed on back of this form Conditions Attached No Conditions

Rachel V. Del Rio 4-12-22
Trustee Date Trustee Date
Trustee Date Trustee Date

**APPLICATION FOR A CENTRAL VALLEY FLOOD PROTECTION BOARD
ENCROACHMENT PERMIT**

6. Names and addresses of adjacent property owners sharing a common boundary with the land upon which the contents of this application apply. If additional space is required, list names and addresses on back of the application form or an attached sheet.

Name	Address	Zip Code
Sacramento County c/o Dept of Reg Parks	10361 Rockingham Drive, # 100, Sacramento, CA	95827-2519
CubSMART	PO Box 320099, Alexandria, VA	22320-4099
Floyd Moore	769 N 16th Street, Sacramento, CA	95811-0522
Sacramento Northern Railway	1400 Douglas St., Omaha, NE	68179-1001
Hart Enterprises c/o James A. Welch	1617 Kinsford Drive, Carmichael, CA	95608-5969
Neumann Holdings LLC	3401 American River Drive, Sacramento, CA	95864-5714

7. Has an environmental determination been made of the proposed work under the California Environmental Quality Act of 1970? Yes No Pending

If yes or pending, give the name and address of the lead agency and State Clearinghouse Number:

SCH No. _____

8. When is the project scheduled for construction? Constructed prior to the adoption of the State Plan of Flood Control

9. Please check exhibits accompanying this application.

- A. Regional and vicinity maps showing the location of the proposed work.
- B. Drawings showing plan view(s) of the proposed work to include map scale.
- C. Drawings showing the cross section dimensions and elevations (vertical datum?) of levees, berms, stream banks, flood plain,
- D. Drawings showing the profile elevations (vertical datum?) of levees, berms, flood plain, low flow, etc.
- E. A minimum of four photographs depicting the project site.

Rachel V. Del Rio 4-12-22 4/12/2022
Signature of Applicant Date

Include any additional information:

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

This environmental assessment questionnaire must be completed for all Central Valley Flood Protection Board applications. Please provide an explanation where requested. Incomplete answers may result in delays in processing permit applications. Failure to complete the questionnaire may result in rejection of the application.

1. Has an environmental assessment or initial study been made or is one being made by a local or State permitting agency in accordance with the California Environmental Quality Act? Yes No
If yes, identify the Lead Agency, type of document prepared or which will be prepared, and the State Clearinghouse Number:

if CVFPB wants a CEQA document, we can prepare and file an Notice of Exemption. But this has not been done yet.

2. Will the project require certification, authorization or issuance of a permit by any local, State or federal environmental control agency? Yes No

List all other governmental permits or approvals necessary for this project or use, including U.S. Army Corps of Engineers' 404 and Section 10 permits, State Water Quality Certification, Department of Fish and Game 1600 agreement, etc. Attach copies of all applicable permits.

there are no resources would be impacted that require permits.

3. Give the name and address of the owner of the property on which the project or use is located. Please submit a copy of your current Title Report (Grant Deed), if your proposed project includes a private residence.

County of Sacramento - 001-0104-001 - Deed will be included

Hart Enterprises LP - 001-0070-029 - Deed will be included

**SMUD has existing easement across both the County of Sacramento and Hart Enterprises LP Parcels. I will also attach these easements and drawings in addition to the Grant Deeds.

4. Will the project or use require issuance of a variance or conditional use permit by a city or county?

Yes No

Explain:

none will be required.

5. Is the project or use currently operating under an existing use permit issued by a local agency?

Yes No

Explain:

SMUD does hold a permit from Caltrans for the crossing of Highway 160 within this project area.

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

6. Describe all types of vegetation growing on the project site, including trees, brush, grass, etc.

The 1,425-foot corridor consists primarily of disturbed barren or gravel ground cover and ruderal non-native annual grassland. Dominant species include ripgut brome (*Bromus diandrus*), yellow star thistle (*Centaurea solstitialis*), bull thistle (*Cirsium vulgare*), Italian thistle (*Carduus pycnocephalus*), and winter vetch (*Vicia villosa*). Trees near Highway 160, south of the American River include interior live oak (*Quercus wislizeni*), coast live oak (*Quercus agr*

7. Describe what type of wildlife or fish may use the project site or adjoining areas for habitat, food source, nesting sites, source of water, etc.

The area to the south of the line is mostly urban and developed. The land to the north of the line consists of ruderal non-native annual grassland, the Two Rivers Bike Trail, a riparian corridor, and the American River which is approximately 80 feet north of the line. Wildlife species expected to occur in proximity to the corridor include common native and non-native species such as jack rabbits (*Lepus californicus*), coyotes (*Canis latrans*), red-taile

8. Has the Department of Fish and Game, U.S. Fish and Wildlife Service, or National Marine Fisheries Service been consulted relative to the existence of, or impacts to, threatened or endangered species on or near the project site?

Yes No

Explain:

USFWS, CDFW, and NMFS have not been contacted because no threatened or endangered species would be impacted by the work. Elderberry shrubs are located south of UD120555. However, avoidance measures would be implemented and no effects are anticipated.

9. Will the project or use significantly change present uses of the project area?

Yes No

Explain:

The pole line is already existing and the use will not change, only modifications to the poles will occur and so the use will remain the same.

10. Will the project result in changes to scenic views or existing recreational opportunities?

Yes No

Explain:

no changes. The scenic views would be towards the river from the pedestrian and bike path at the crest of the levee. The poles are on the urban side of the levee and so all scenic views will remain.

11. Will the project result in the discharge of silt or other materials into a body of water?

Yes No

Explain:

The work will be done on the far side of the levee, away from the water side of the levee.

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

12. Will the project involve the application, use, or disposal of hazardous materials? Yes No

If yes, list the types of materials, proposed use, and disposal plan. Provide copies of all applicable hazardous material handling plans.

There are no hazardous material that will be used or created during construction.

13. Will construction activities or the completed project generate significant amounts of noise?

Yes No

Explain:

This is already a fairly urban and industrialized area. In addition, Highway 160 is a heavily used route which is maintained by Caltrans; therefore there is already a significant amount of noise pollution present.

14. Will construction activities or the completed project generate significant amounts of dust, ash, smoke, fumes, or odors?

Yes No

Explain:

This installation will only use an auger drill to deepen existing holes for setting the poles. This will not generate any of the above.

15. Will the project activities or uses involve the burning of brush, trees, or construction materials, etc?

Yes No

Explain, and identify safety and air pollution control measures:

None at all.

16. Will the project affect existing agricultural uses or result in the loss of existing agricultural lands?

Yes No

Explain:

The use of the area will not change.

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

17. Have any other projects similar to the proposed project been planned or completed in the same general area as the proposed project?

Yes No

Explain and identify any other similar projects:

This is the only pole line in this immediate are of the parkway.

18. Will the project have the potential to encourage, facilitate, or allow additional or new growth or development?

Yes No

Explain:

This project will support the electrical load for the development of the State of CA RBOC project for their new Richards Boulevard Campus Project.

19. Will materials be excavated from the floodplain? Yes No If yes, please answer the remaining questions.

THE REMAINING QUESTIONS MUST ONLY BE ANSWERED IF THE ANSWER TO QUESTION NO. 19 WAS "YES". IF THE ANSWER TO QUESTION NO. 19 WAS "NO", YOU DO NOT NEED TO COMPLETE THE REMAINING QUESTIONS.

A. What is the volume of material to be excavated?

Annually _____ Total _____

B. What types of materials will be excavated?

C. Will the project site include processing and stockpiling of material on site?

Yes No

Explain:

D. What method and equipment will be used to excavate material?

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

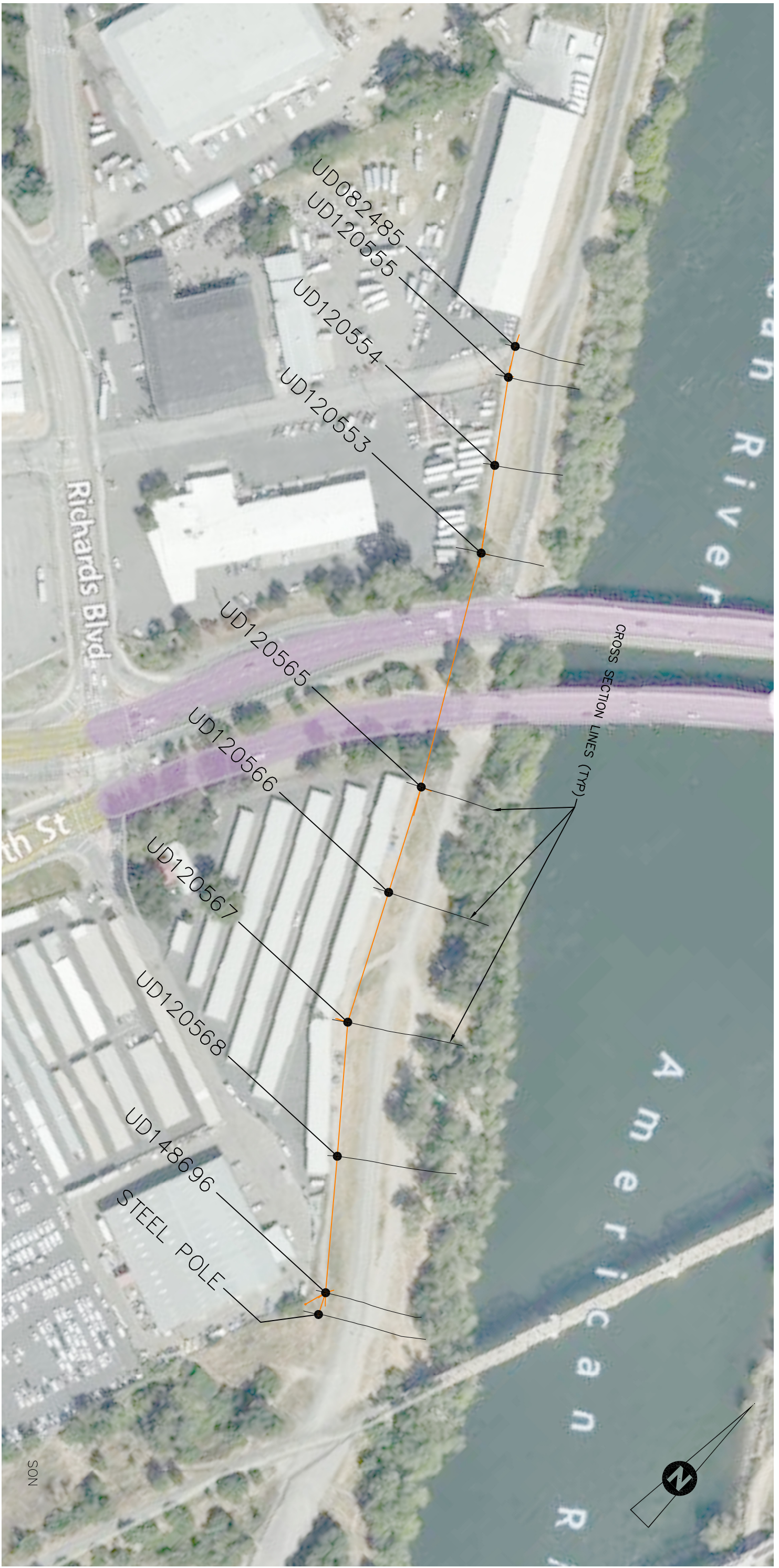
E. What is the water source for the project?

F. How will waste materials wash water, debris, and sediment be disposed of?

G. What is the proposed end land use for the project site?

H. Has a reclamation plan been prepared for this site in accordance with the Surface Mining and Reclamation Act of 1975?

Yes No If yes, please attach a copy.



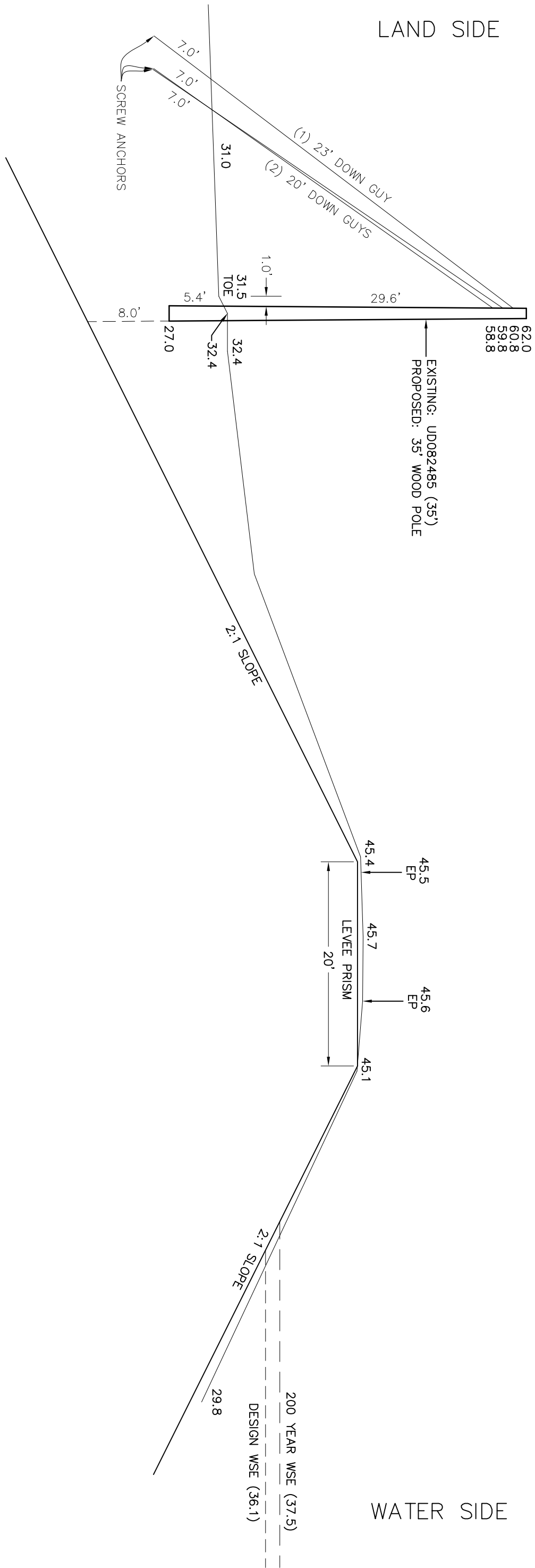
SURVEYOR'S NOTE:

THE TOPOGRAPHIC DATA COLLECTED IN THIS FIELD SURVEY WAS TAKEN AT OR ABOVE GROUND LEVEL. INFORMATION SHOWN BELOW GROUND LEVEL HAS BEEN INTERPOLATED FROM RECORD DATA AND HAS NOT BEEN PHYSICALLY VERIFIED.

OVERALL PLAN VIEW

SCALE	1" = 150'		TITLE	STATION E 2309 FEEDER EXTENSION PROJECT PH. 3	
DR. BY	SMA	DATE	1/26/22		COUNTY OF SACRAMENTO
CHKD. BY		DATE			STATE OF CALIFORNIA

	DWR. NO.	SO# 30167271	REVISION
	Sheet No. 1 of 11 Sheets		



Shane M. Anderson

COORDINATE SYSTEM:

CALIFORNIA STATE PLANE, ZONE 2
DATUM: NAD83

VERTICAL DATUM:

NAVD88 PROJECTED FROM LEICA
GEOSYSTEMS SMARTNET GNSS
NETWORK, GEOID 12B

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED UNDER MY DIRECTION AND IS BASED
UPON A FIELD SURVEY CONDUCTED JANUARY 19, 2022

SCALE 1" = 10'

DR. BY SMA	DATE 6/8/22
CHKD. BY	DATE

TITLE
PRISM EXHIBIT AT UD082485
COUNTY OF SACRAMENTO STATE OF CALIFORNIA



DWR. NO.
SO# 30167271
Sheet No. 2 of 11 Sheets

REVISION
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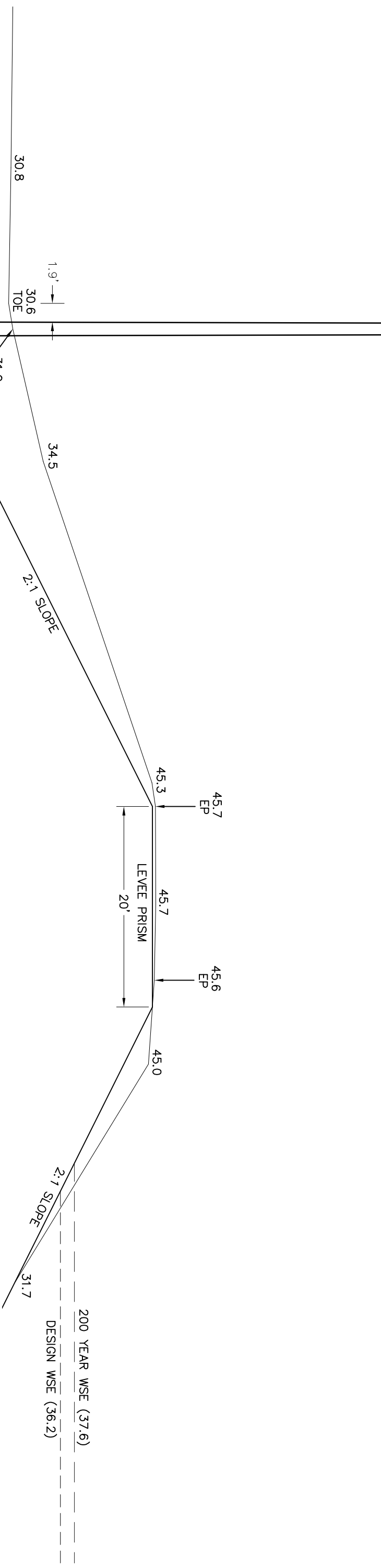
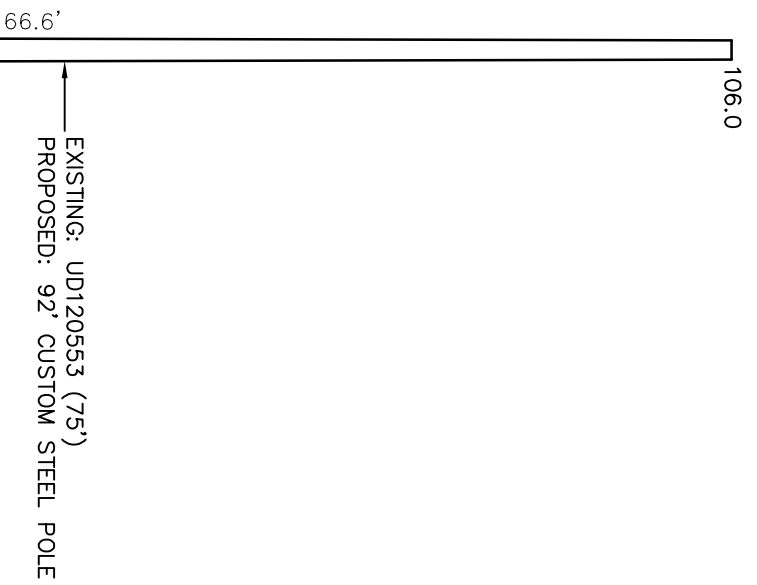
LAND SIDE

WATER SIDE

COORDINATE SYSTEM:
 CALIFORNIA STATE PLANE, ZONE 2
 DATUM: NAD83

SURVEYOR'S STATEMENT
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 UPON A FIELD SURVEY CONDUCTED JANUARY 19, 2022

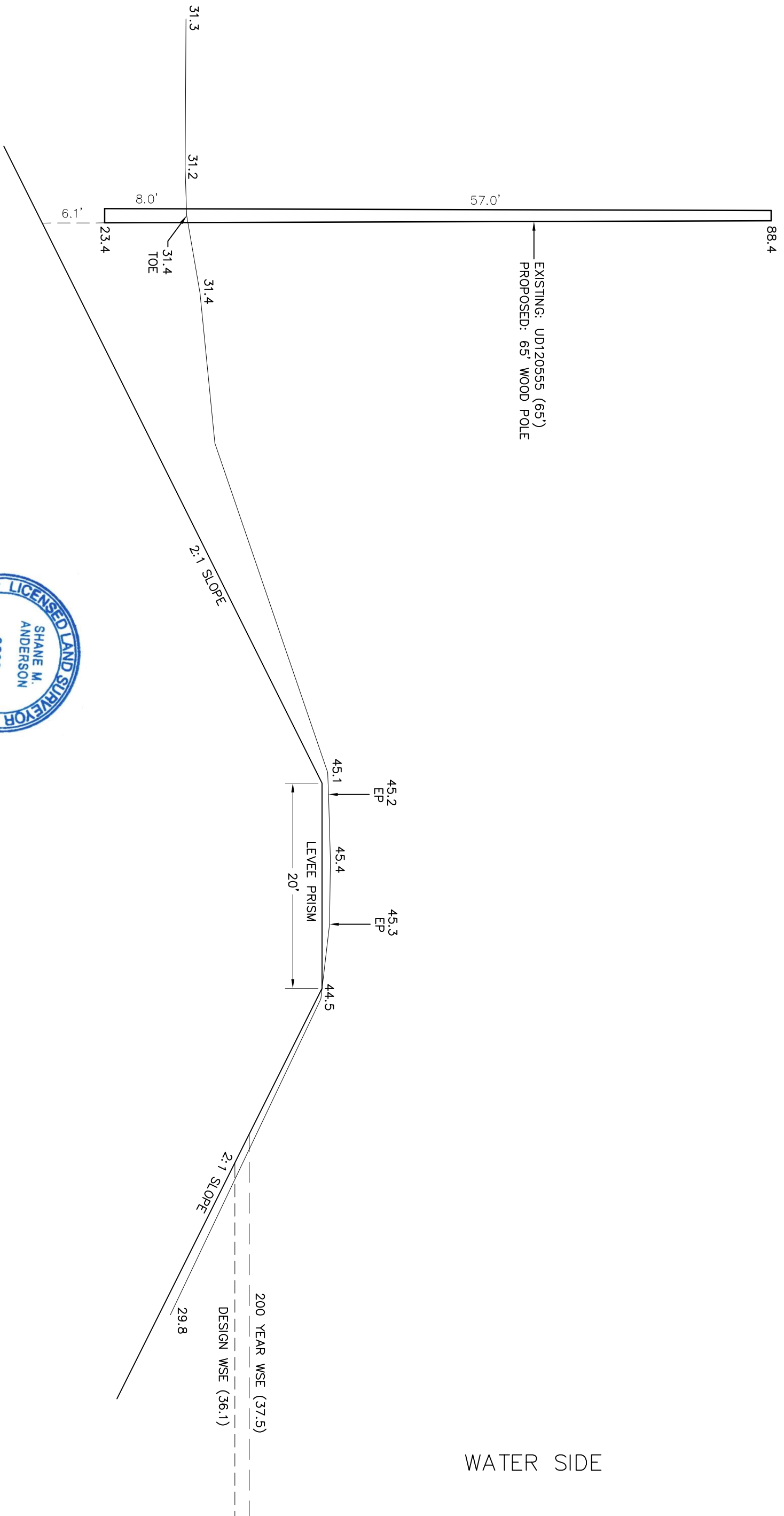
VERTICAL DATUM:
 NAVD88 PROJECTED FROM LEICA
 GEOSYSTEMS SMARTNET GNSS
 NETWORK, GEOID 12B



SCALE	1" = 10'	TITLE	PRISM EXHIBIT AT UD120553	
DR. BY	SMA	DATE	6/8/22	
CHKD. BY		DATE		
COUNTY OF SACRAMENTO			STATE OF CALIFORNIA	
DWR. NO.		SO# 30167271		
Sheet No. 5 of 11 Sheets		REVISION		
		2		



LAND SIDE



WATER SIDE

COORDINATE SYSTEM:

CALIFORNIA STATE PLANE, ZONE 2
DATUM: NAD83

VERTICAL DATUM:

NAVD88 PROJECTED FROM LEICA
GEOSYSTEMS SMARTNET GNSS
NETWORK, GEOID 12B

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED UNDER MY DIRECTION AND IS BASED
UPON A FIELD SURVEY CONDUCTED JANUARY 19, 2022



Shane M. Anderson

SCALE 1" = 10'

DR. BY SMA	DATE 6/8/22
CHKD. BY	DATE

TITLE	PRISM EXHIBIT AT UD120555
COUNTY OF SACRAMENTO	STATE OF CALIFORNIA



DWR. NO. SO# 30167271
Sheet No. 3 of 11 Sheets

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LAND SIDE

WATER SIDE

COORDINATE SYSTEM:
 CALIFORNIA STATE PLANE, ZONE 2
 DATUM: NAD83

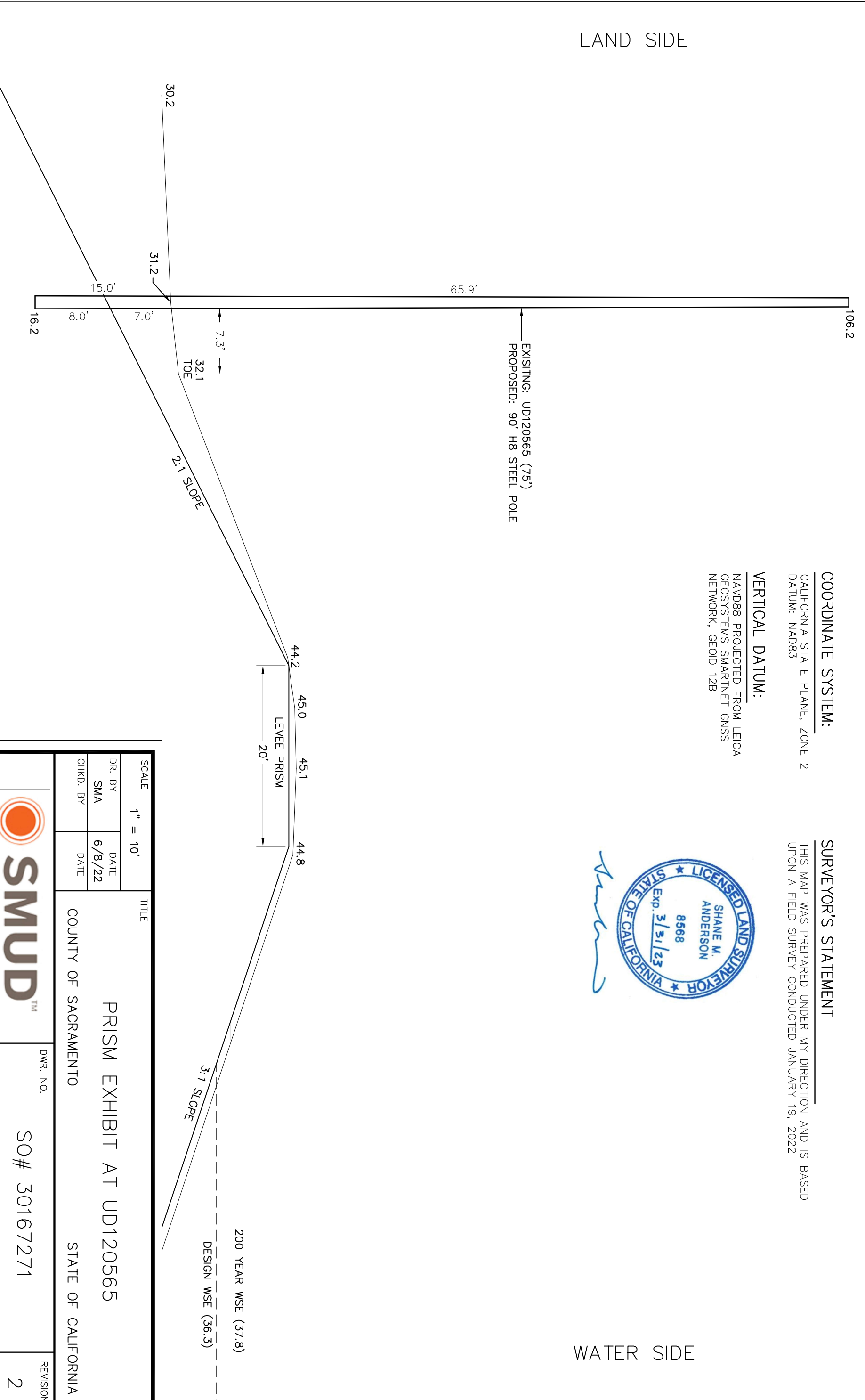
SURVEYOR'S STATEMENT
 THIS MAP WAS PREPARED UNDER MY DIRECTION AND IS BASED
 UPON A FIELD SURVEY CONDUCTED JANUARY 19, 2022

VERTICAL DATUM:
 NAVD88 PROJECTED FROM LEICA
 GEOSYSTEMS SMARTNET GNSS
 NETWORK, GEOID 12B



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EXISTING: UD120565 (75')
 PROPOSED: 90' H8 STEEL POLE

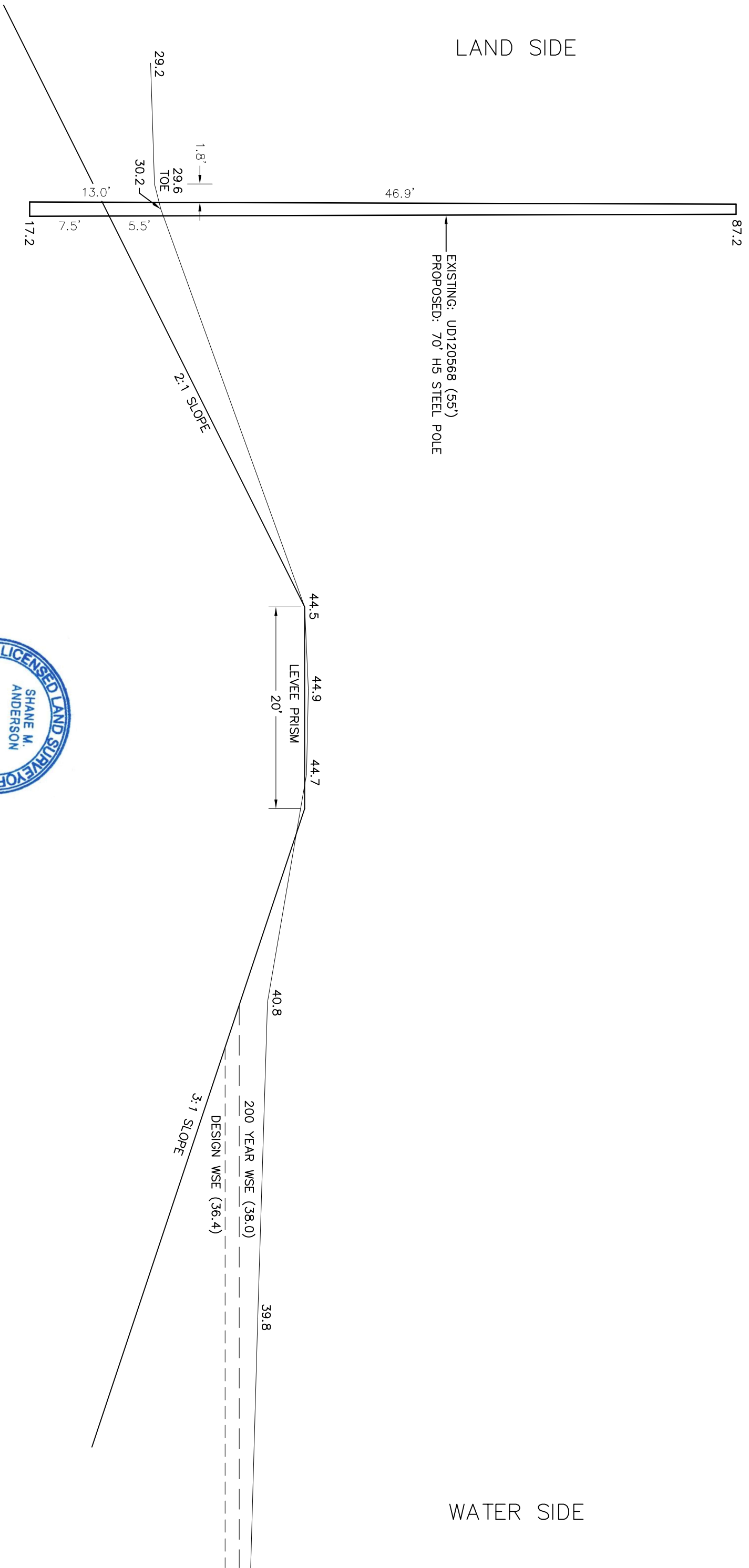


SCALE 1" = 10'		TITLE	
DR. BY SMA	DATE 6/8/22	PRISM EXHIBIT AT UD120565 COUNTY OF SACRAMENTO STATE OF CALIFORNIA	
CHKD. BY	DATE		



DWR. NO. SO# 30167271
 Sheet No. 6 of 11 Sheets

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COORDINATE SYSTEM:

CALIFORNIA STATE PLANE, ZONE 2
DATUM: NAD83

VERTICAL DATUM:

NAVD88 PROJECTED FROM LEICA
GEOSYSTEMS SMARTNET GNSS
NETWORK, GEOID 12B

SURVEYOR'S STATEMENT

THIS MAP WAS PREPARED UNDER MY DIRECTION AND IS BASED
UPON A FIELD SURVEY CONDUCTED JANUARY 19, 2022

SCALE	1" = 10'	TITLE	PRISM EXHIBIT AT UD120568	
DR. BY	SMA	DATE	6/8/22	
CHKD. BY		DATE		
COUNTY OF SACRAMENTO		STATE OF CALIFORNIA		



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