

**RECLAMATION DISTRICT NO. 563
TYLER ISLAND**

**BOARD OF TRUSTEES MEETING
TUESDAY, APRIL 14, 2020
9:00 AM
ENGINEER'S REPORT**

I. HIGH WATER / FLOOD EVENT OF 2017

- A. Consider constructing a 500-foot French Drain between the January 2017 Landside slip at (Levee Station 415+00 to 422+00) and the February 2017 Landside slip (Levee Station 412+00 to 415+00) generally between levee station 415+00 to 420+00. The purpose is to collect the seepage through the levee into the French Drain and convey it over to the toe ditch. **Seek authorization of the Board of Trustees to perform this work**, weather permitting, before the end of the Fiscal Year. Attached is the Preliminary Cost estimate.

EXHIBIT A: KSN estimate of probable costs to perform the installation of a French Drain on the District's Mokelumne River non-project levee between Levee Stations 415+00 to 420+00.

- B. Review status of FEMA Appeal for Category "D" permanent restoration work valued at \$2,347,000.
- a) We are still waiting for determination of the District's FEMA Appeal
 1. CalOES has checked with FEMA and was told it is in FEMA Legal review and they hoped to receive a response by mid-December.
 2. KSN Inc. has not received any updates as of April 10th.

II. FLOOD MAINTENANCE ASSISTANCE PROGRAM (FMAP) 2020 AGREEMENTS

- A. FMAP 2021 Applications are due 4/30/2020
- a) RD 563 & RD 554 are both applying for FMAP 2021 to prepare SWIF.
 - b) Funding Agreements will be available later this year for FMAP 2021.
- B. FMAP 2020 Funds expire December 31, 2020
- a) Monthly meetings with USACE have been suspended due to USACE focusing on COVID 19 matters which may delay LOI/SWIF.
 - b) RD 554 is in the process of finalizing the Funding Agreement with DWR for 2020 funds.
 - c) Final version of the LOI will be available for signature by RD 563 & RD 554 once RD 554 has their Funding available.
 - d) The SWIF report is a work in progress.

III. DWR 5 YEAR PLAN DEVELOPMENT

- A. Review the status of KSN Inc. report preparation. Review the preliminary results of the existing levee conditions as compared to the Hazard Mitigation Standard (HMP) and the Department of Water Resources Bulletin 192-82. Review the recommended projects.

EXHIBIT B: RD 563 – Tyler Island DRAFT 5 Year Plan Existing Conditions including overall summary of conditions on the District's Base Map and Levee Profiles and Cross Sections.

EXHIBIT C: RD 563 – Tyler Island DRAFT 5 Year Plan Recommended Projects.

IV. STAFF GAUGES ALONG GEORGIANA SLOUGH

- A. Review status of installing the 5 proposed staff gauges along Georgianna Slough. Fabrication and installation of all Staff Gauges is complete and we are waiting for final installation of all the ceramic stage numbers. The numbers are due to arrive on January 16th and will be installed promptly thereafter.

EXHIBIT D: KSN Inc. photo summary of gauges

V. DISTRICT SIPHON RAISING PROJECT

- A. Review the status of Low siphon at Levee Station 40+00 owned by Doug and Patricia Allen on the Allen Ranch.

EXHIBIT E: Email correspondence with Chairman Mello and KSN Inc. regarding the conditions and District Plan for the low siphon

VI. DISTRICT DRAINAGE CANALS

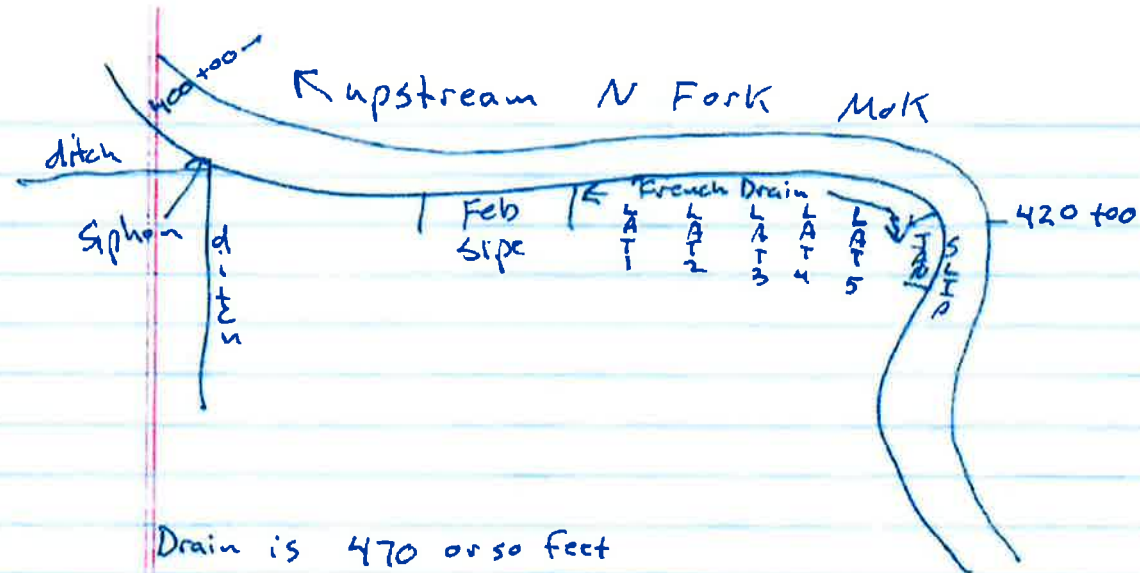
- A. Review **DRAFT** of the District Canal/Ditch cleaning policy. KSN is seeking Trustee and Counsel comments on this **DRAFT** and then KSN will finalize the document and then will present the policy at a public hearing on the matter.

EXHIBIT F: Final Draft of District Drainage Canal cleaning policy.

EXHIBIT A

RECLAMATION DISTRICT NO. 563 - TYLER ISLAND
FRENCH DRAIN INSTALLATION
CIVIL IMPROVEMENTS
 Opinion of Probable Construction Costs

Item	Description	Unit	Estimated Quantity	Item Price	Total
1	8-inch Peforated SDR-35 Pipe Main Line (470-ft)	FT	470	\$25.00	\$11,750.00
2	6-inch Solid SDR-35 Pipe Laterals (3x50-ft, 1x60-ft, 1x80-ft)	FT	290	\$15.00	\$4,350.00
3	8-inch x 8-inch x 6-inch SDR-35 Pipe Tees	EA	5	\$80.00	\$400.00
4	Mirafi FW700 Geotextile Fabric	SF	1,410	\$0.50	\$705.00
5	1.5-inch Minus Drain Rock	TON	600	\$30.00	\$18,000.00
SUBTOTAL					\$35,205
CONTINGENCY 10%					\$3,521
TOTAL					\$38,726



Drain is 470 or so feet

Laterals are 290 or so feet

Lat 1	50'	to ditch	falls	285	ft to edge of surcharge berm
Lat 2	50'	"	"	380	
Lat 3	50'	"	"	260	
Lat 4	60'	"	"	360	
Lat 5	80'	"	"	4-	

EXHIBIT B

RECLAMATION DISTRICT NO. 563

TYLER ISLAND

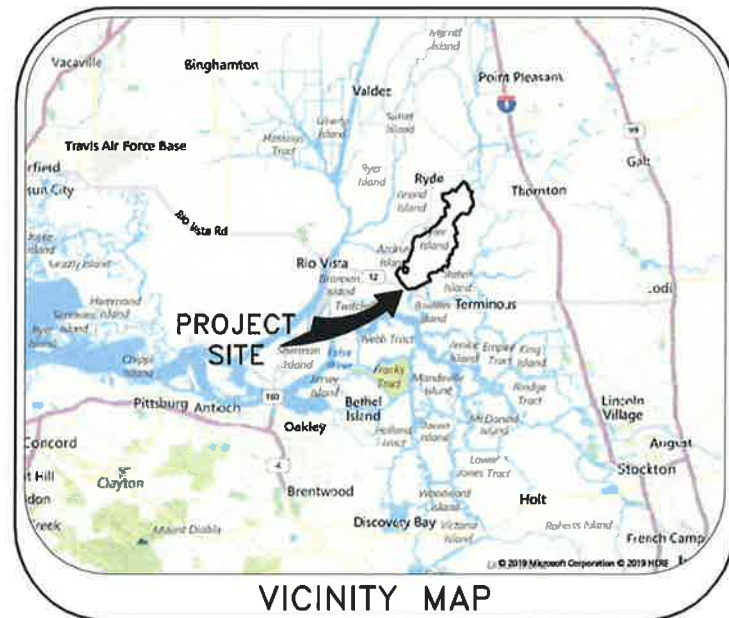
SACRAMENTO COUNTY, CALIFORNIA

FIVE YEAR PLAN

EXISTING CONDITIONS

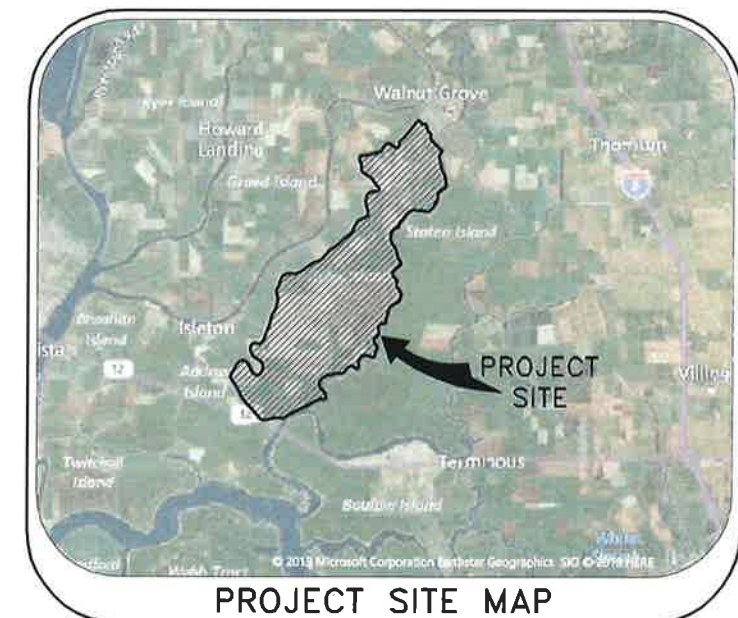
DRAFT

DRAFT



DWG NO.	SHEET NO.	DESCRIPTION
G-001	1	TITLE SHEET
V-101	2	BASE MAP
V-201 - V-214	3 - 16	PROFILE
V-301 - V-341	17 - 57	SECTIONS

SHEET INDEX





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DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

-  BULLETIN 192-82 NON-COMPLIANT
-  HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
NOT FOR
CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

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VERTICAL DATUM NAVD88	0 1/2" 1"

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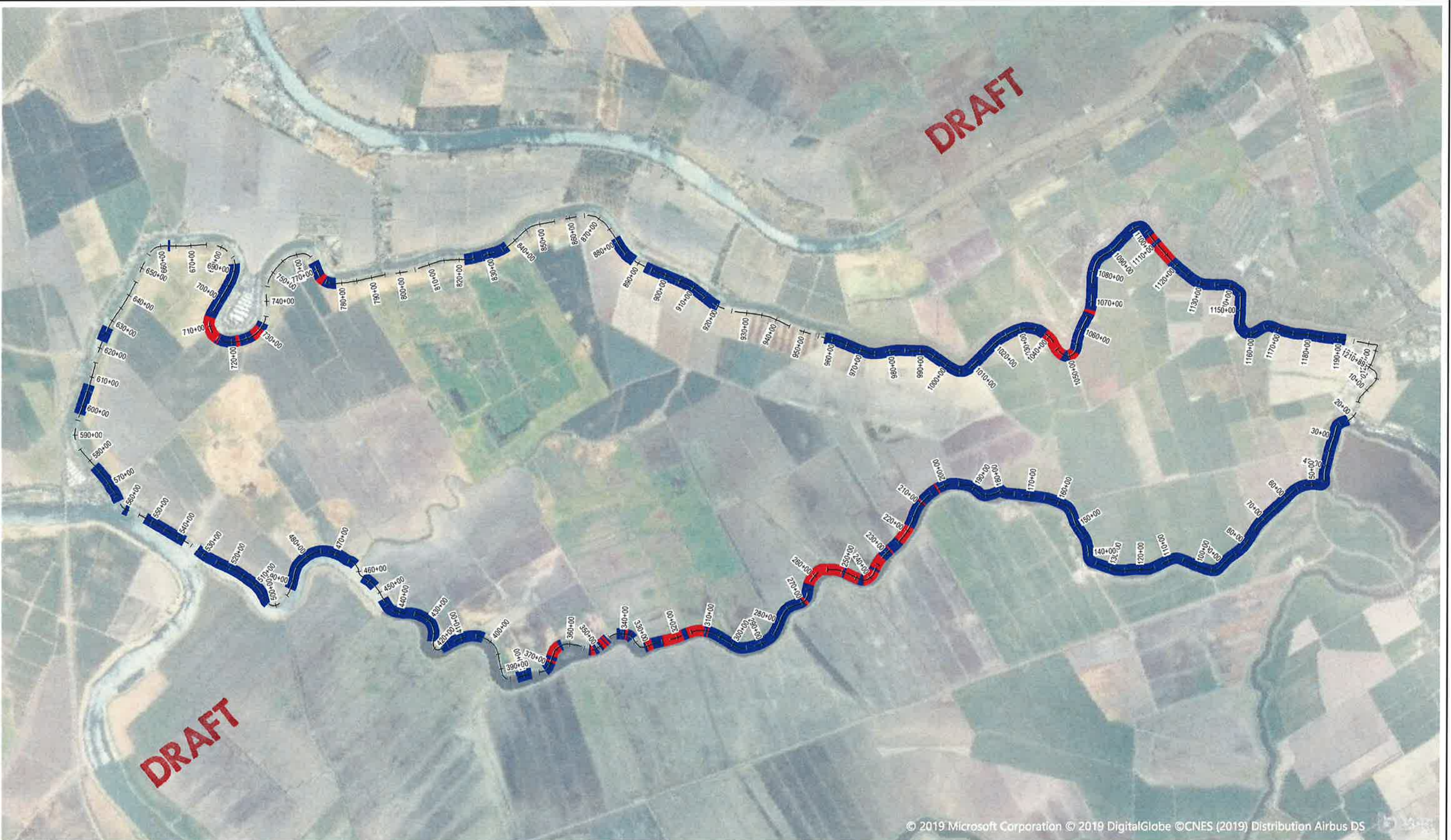
1550 Harbor Drive, Suite 212
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916-403-5900

RECLAMATION DISTRICT NO. 563
FIVE YEAR PLAN EXISTING CONDITIONS
SACRAMENTO COUNTY, CALIFORNIA

TITLE SHEET

DATE
AUGUST 12, 2019

SHEET IDENTIFICATION
G-001
SHEET 1 OF 57
KSN PROJECT FILE NO.
0675-1280



FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-101.dwg
 PLOT DATE: Aug 13, 2019 - 9:32am

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HATCHING LEGEND:
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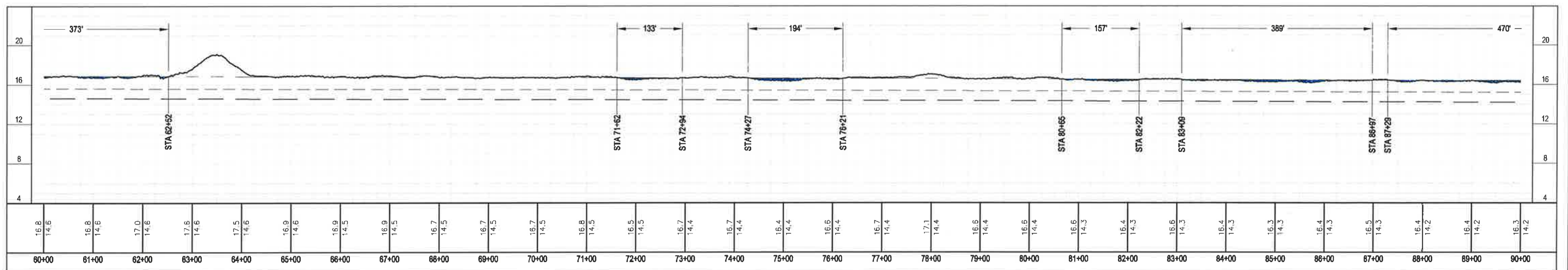
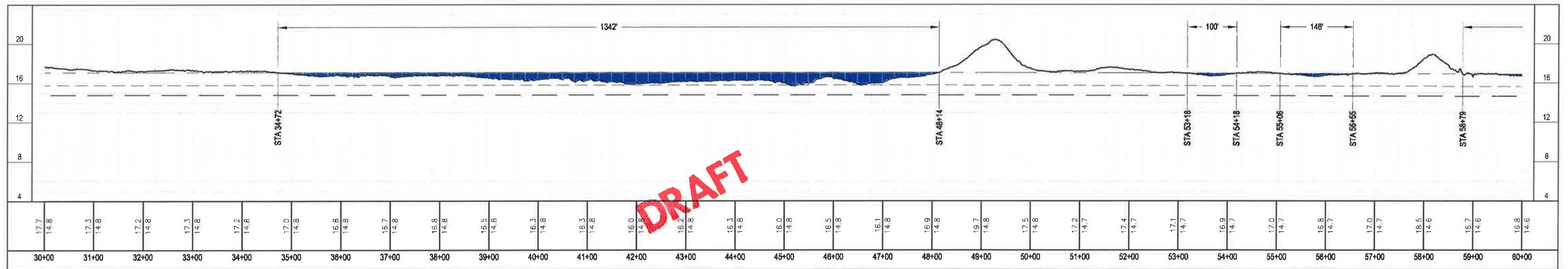
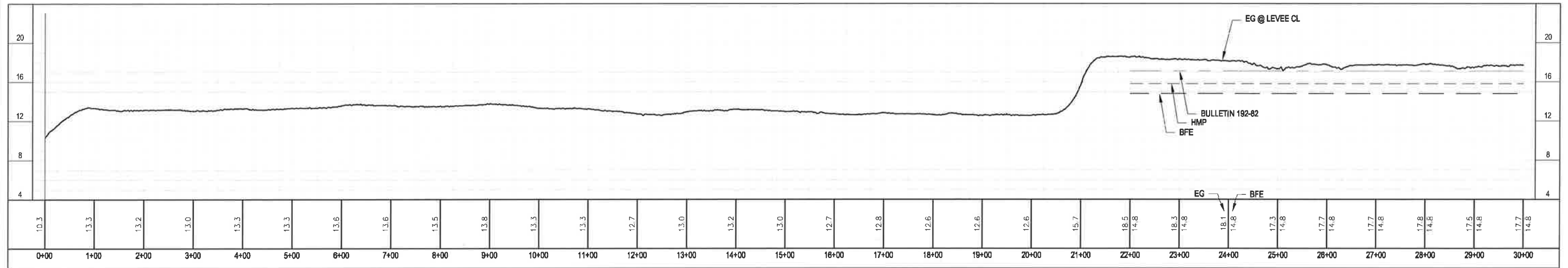

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

 BASE MAP

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-101
 SHEET 2 OF 57
 KSN PROJECT FILE NO.
 0675-1280

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DRAFT

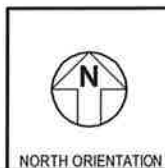
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HATCHING LEGEND:

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-  HMP NON-COMPLIANT



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VERTICAL DATUM	NAVD88		

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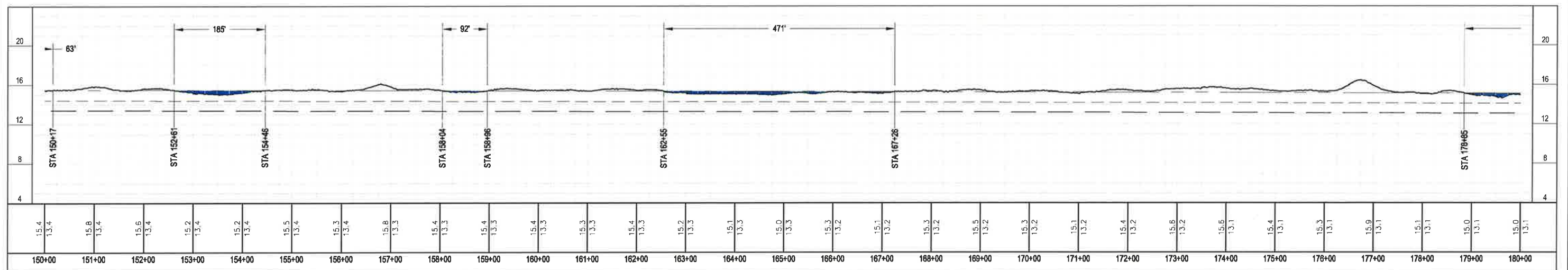
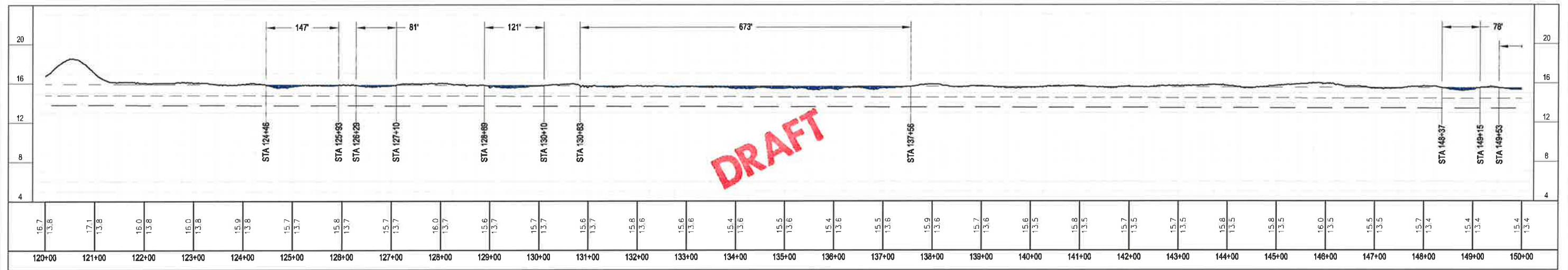
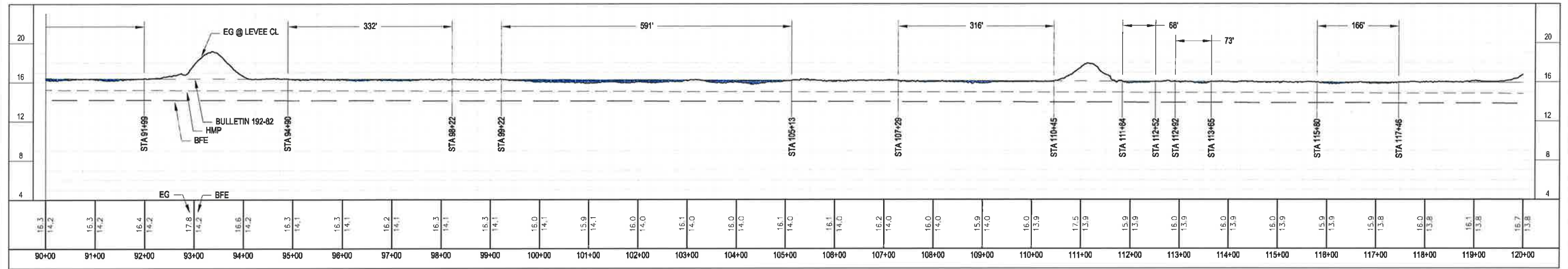
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
 STA 0+00 TO STA 90+00

DATE: AUGUST 12, 2019
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 SHEET 3 OF 57
 KSN PROJECT FILE NO. 0675-1280

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HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



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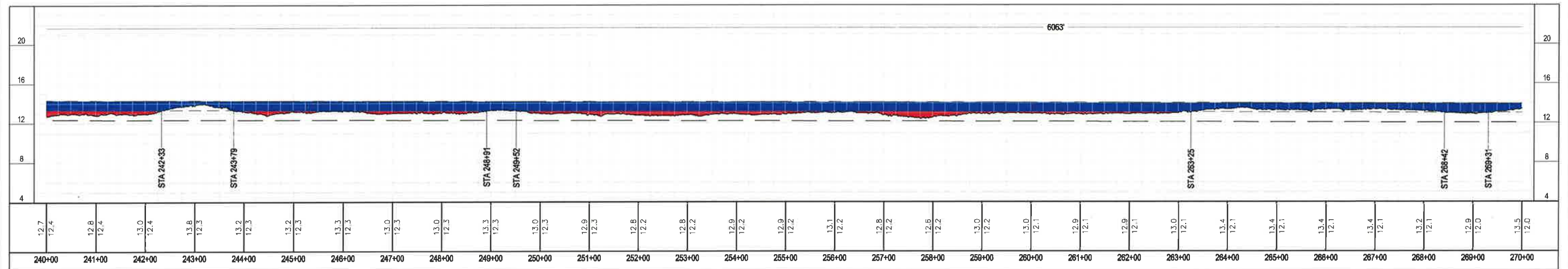
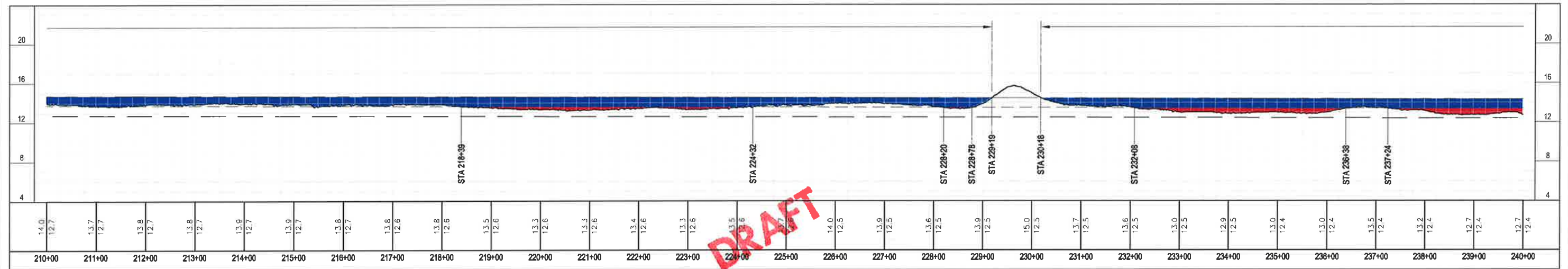
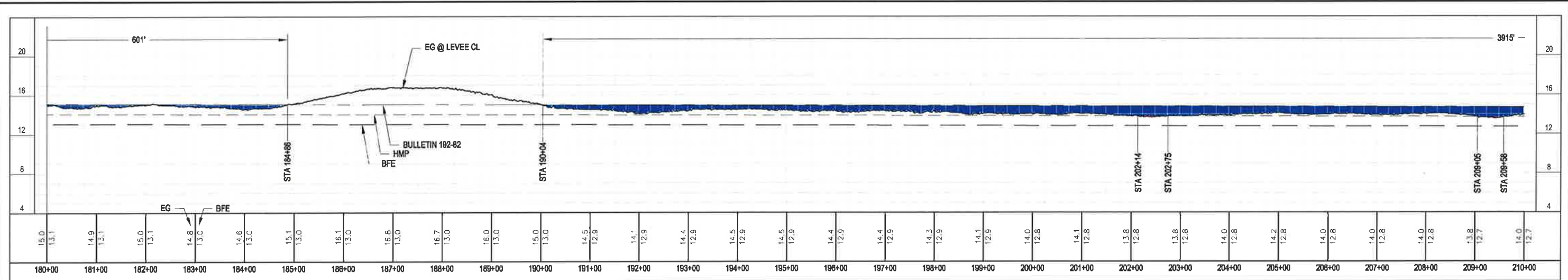
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
 STA 90+00 TO STA 180+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-202
 SHEET 4 OF 57
 KSN PROJECT FILE NO.
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DRAFT

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HATCHING LEGEND:
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DRAWING SCALE
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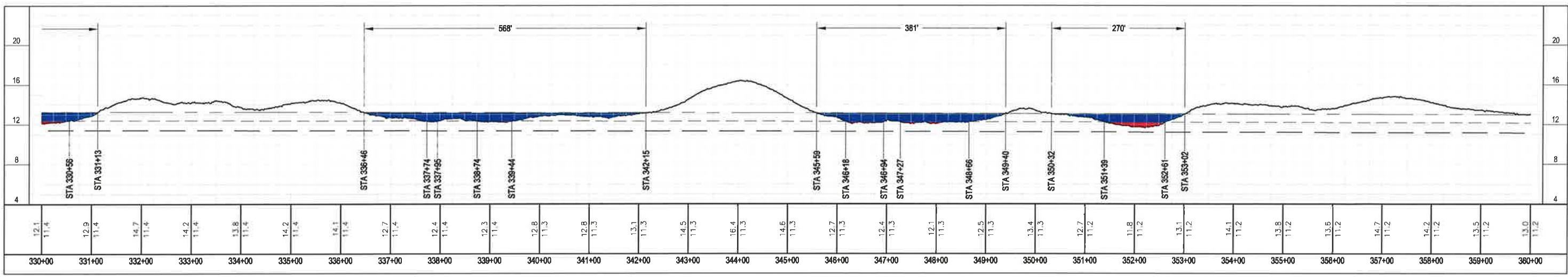
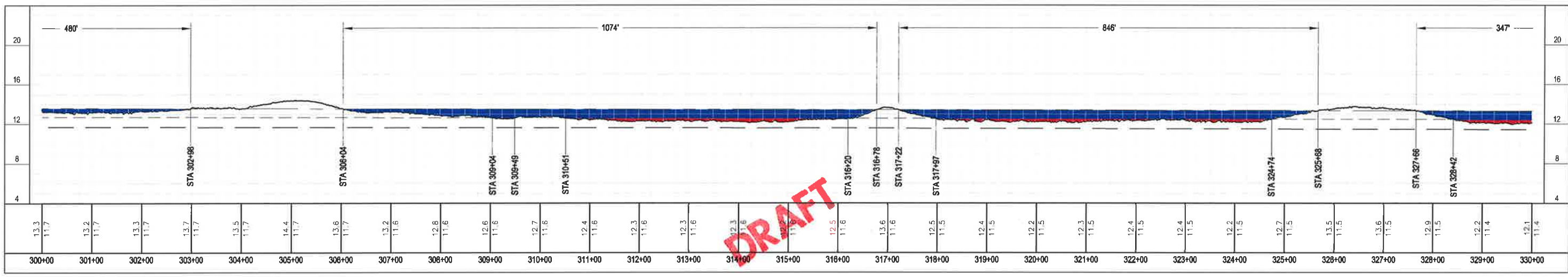
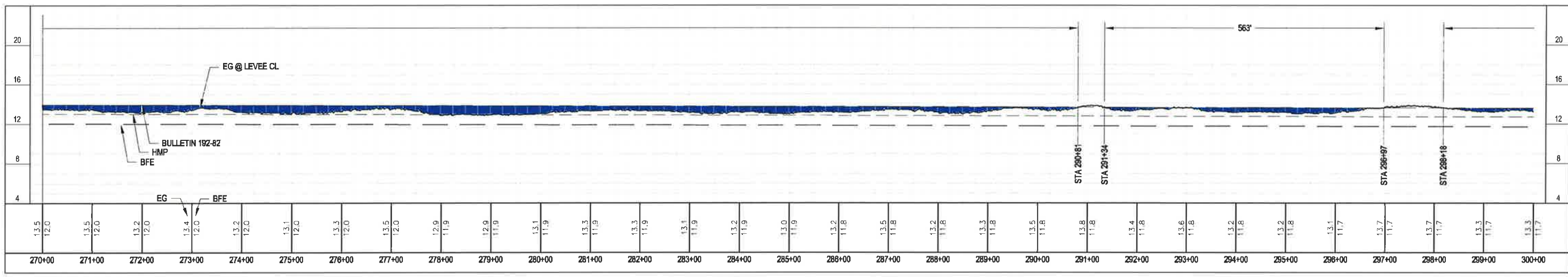
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
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DATE
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 HMP NON-COMPLIANT



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 VERTICAL DATUM
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DRAWING SCALE
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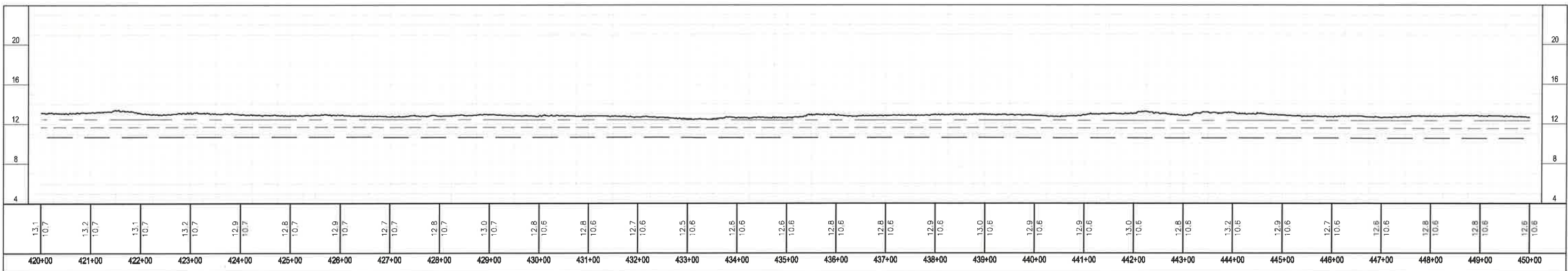
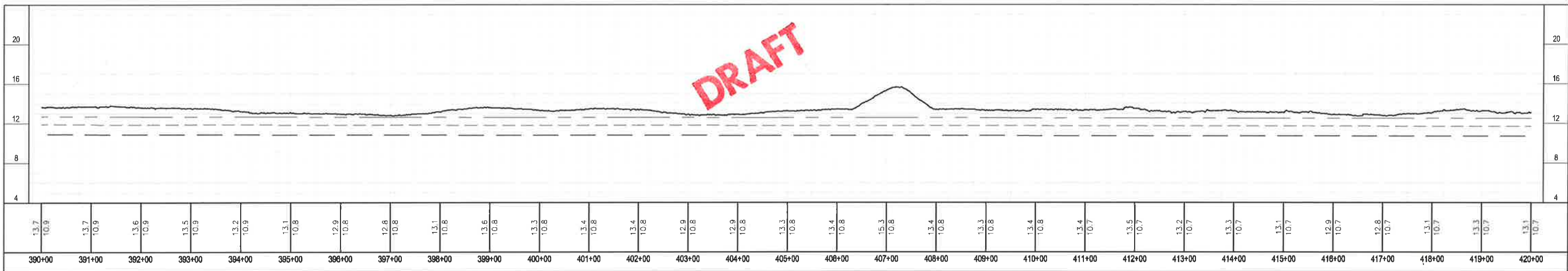
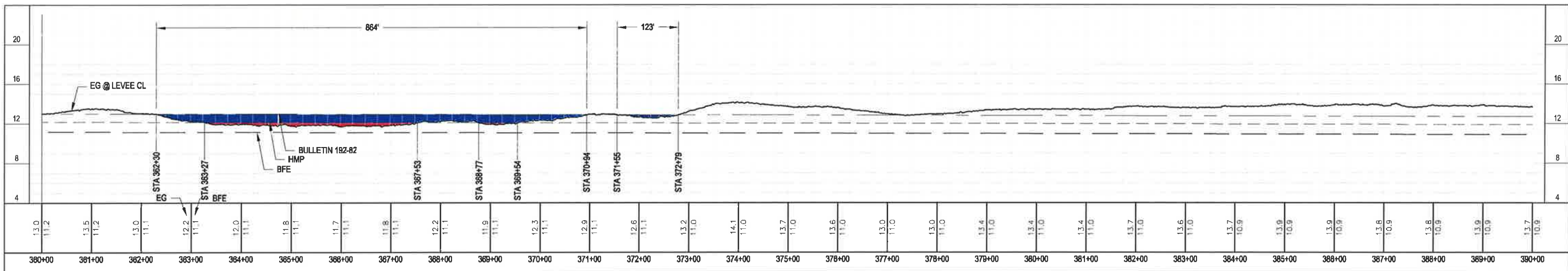
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
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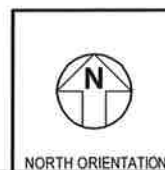
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 0675-1280

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 PLOT DATE: Aug 12, 2019 - 4:13pm



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 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

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DRAWING SCALE
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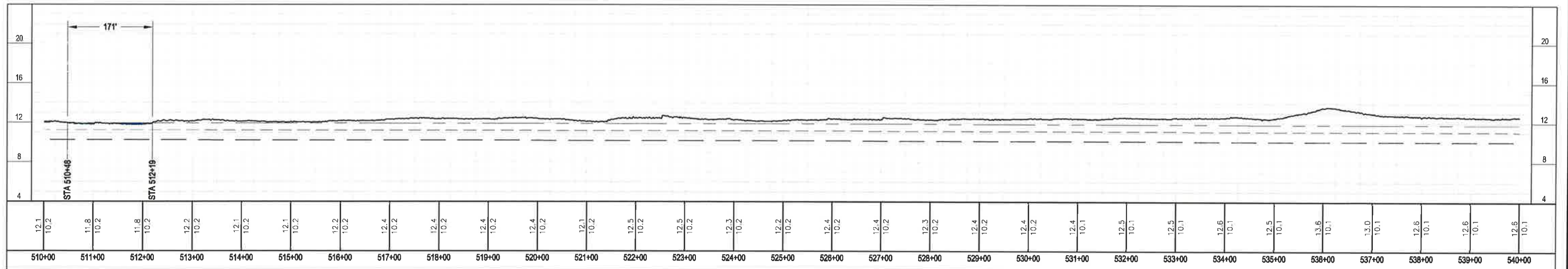
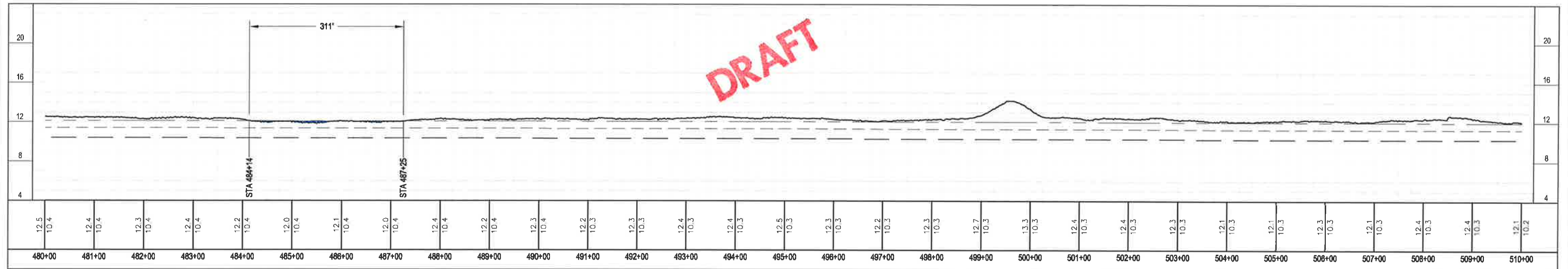
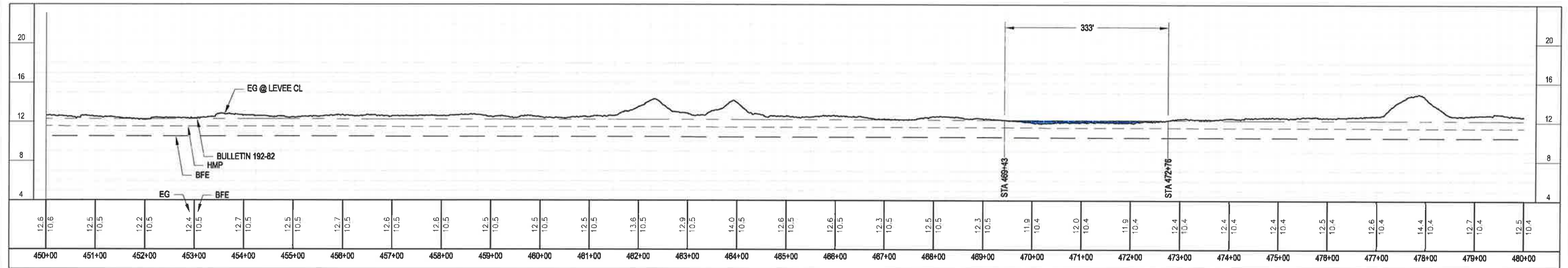
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
 STA 380+00 TO STA 450+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-205
 SHEET 7 OF 57
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HATCHING LEGEND:
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DRAWING SCALE
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 VERT: 1" = 5'

ORIGINAL DRAWING SCALE
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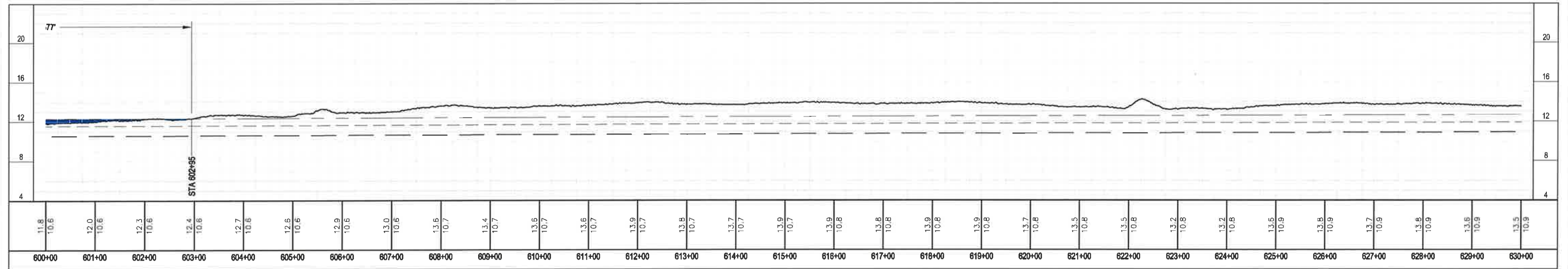
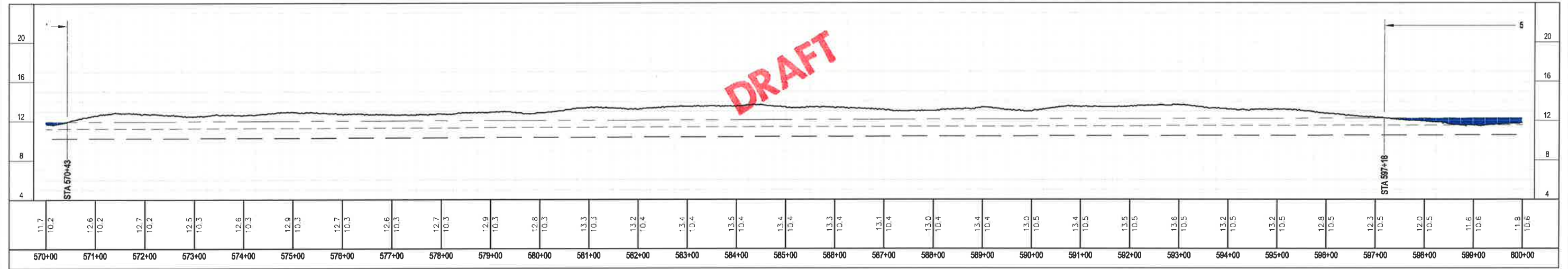
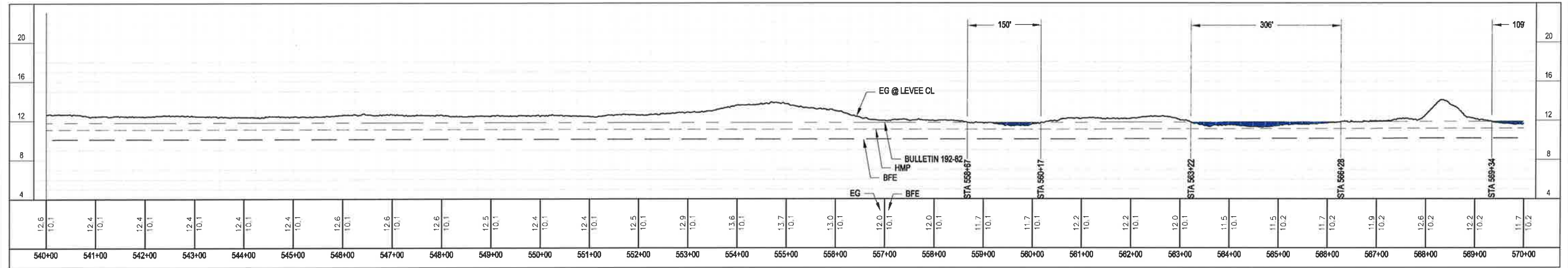
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

PROFILE
 STA 450+00 TO STA 540+00

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-206
 SHEET 8 OF 57
 KSN PROJECT FILE NO.
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HATCHING LEGEND:
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 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
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DESIGN BY
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 NAVD88

DRAWING SCALE
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 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 209-946-0268

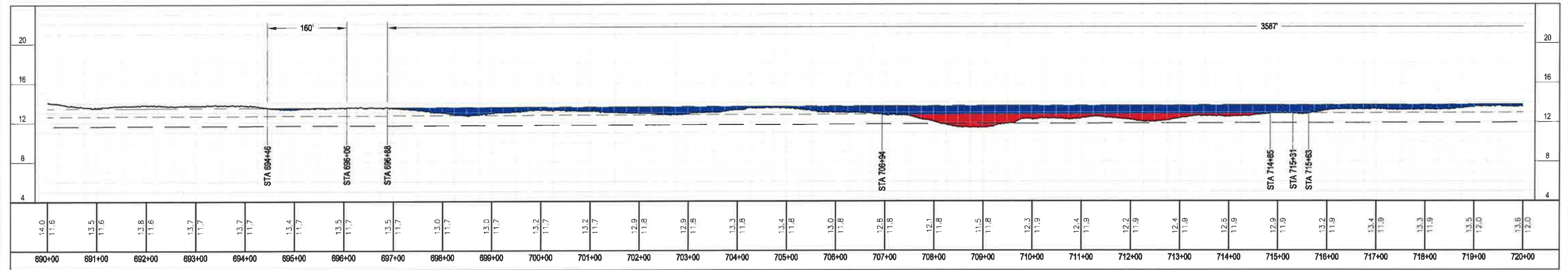
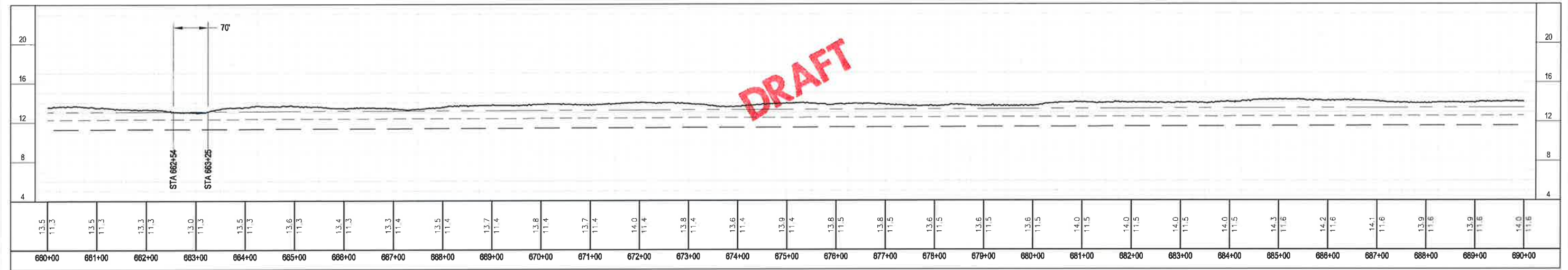
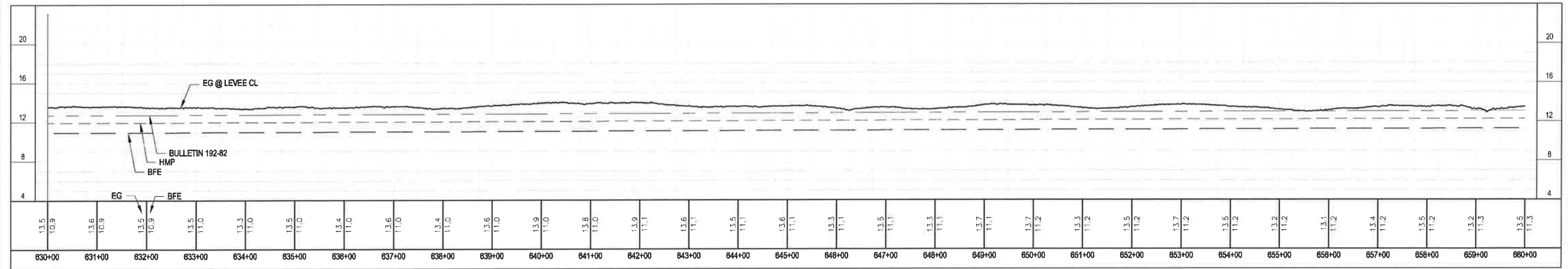
1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-207
 SHEET 9 OF 57
 KSN PROJECT FILE NO.
 0675-1280

PROFILE
 STA 540+00 TO STA 630+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:25pm



DRAFT

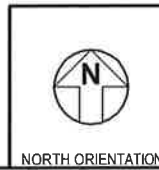
DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA
DRAWN BY	EEA
CHECK BY	CHN
HORIZONTAL DATUM	CCS83, ZONE 2
VERTICAL DATUM	NAVD88

DRAWING SCALE
 HORZ: 1" = 100'
 VERT: 1" = 5'

ORIGINAL DRAWING SCALE
 0 1/2" = 1"

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711 N Pershing Avenue
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 209-946-0268

1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

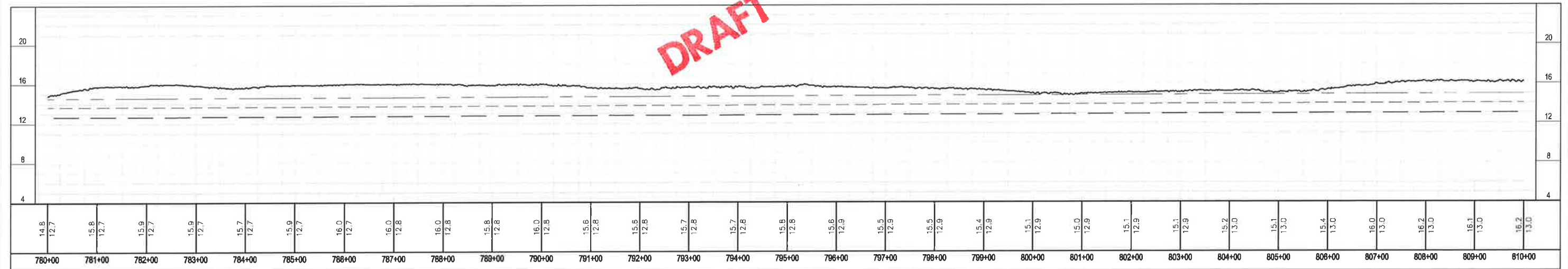
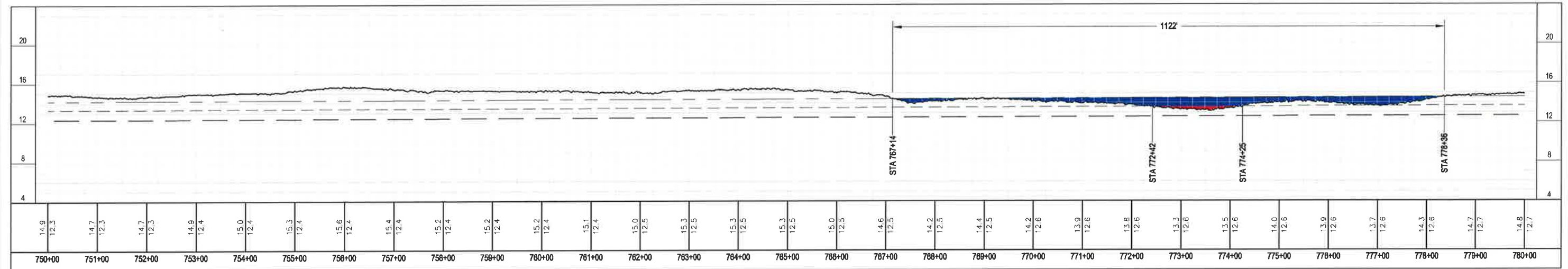
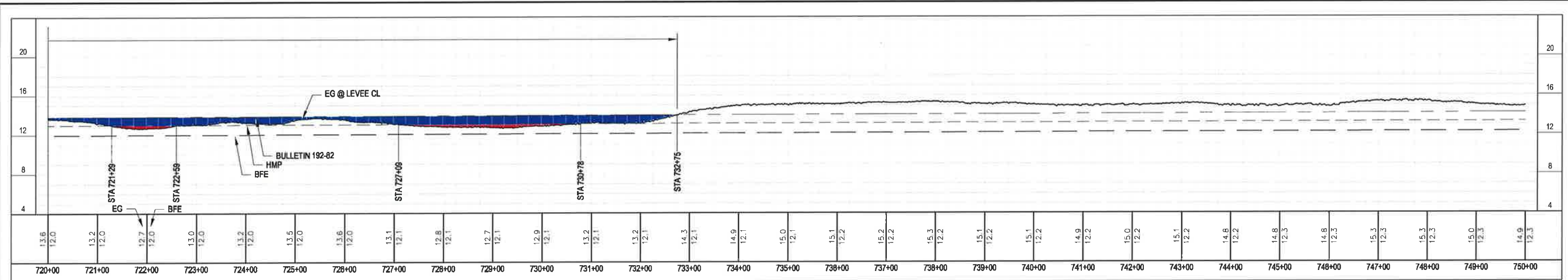
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-208
 SHEET 10 OF 57
 KSN PROJECT FILE NO.
 0675-1280

PROFILE
 STA 630+00 TO STA 720+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:29pm



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

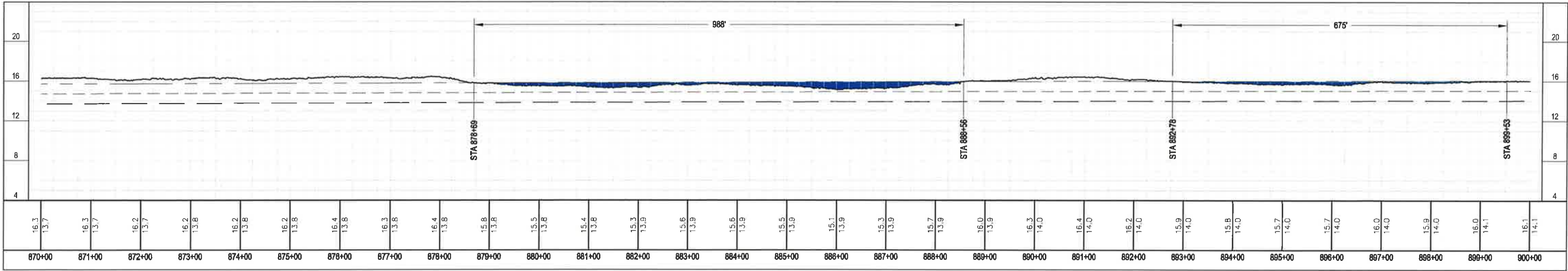
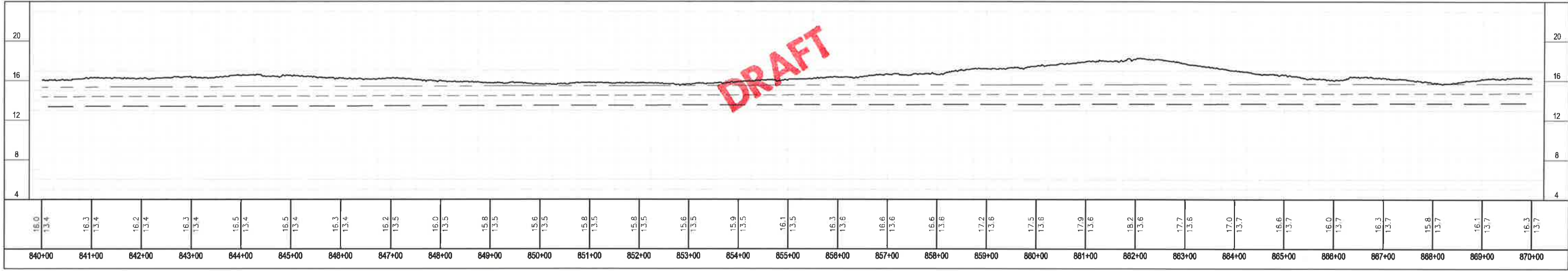
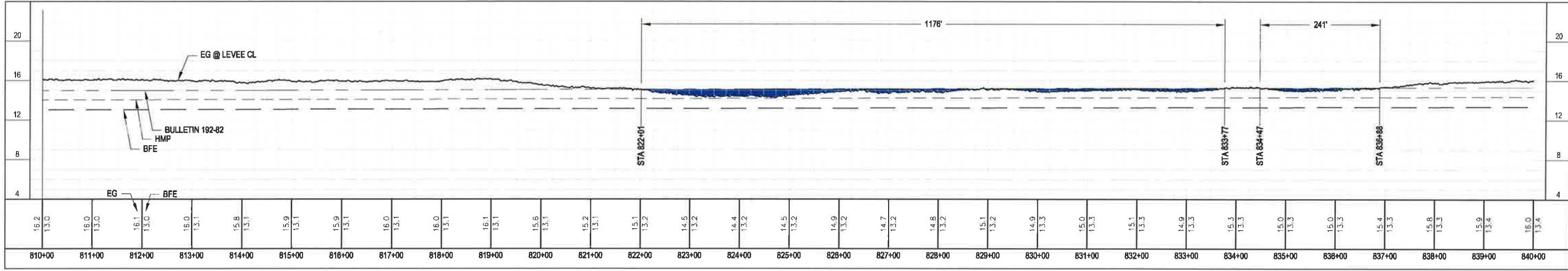
DRAWING SCALE
 HORZ: 1" = 100'
 VERT: 1" = 5'
 ORIGINAL DRAWING SCALE
 0 1/2" = 1"

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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 PROFILE
 STA 720+00 TO STA 810+00

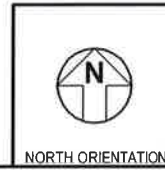
DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-209
 SHEET 11 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tier_1\Island\1280_17-1B_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:33pm



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 HORZ: 1" = 100'
 VERT: 1" = 5'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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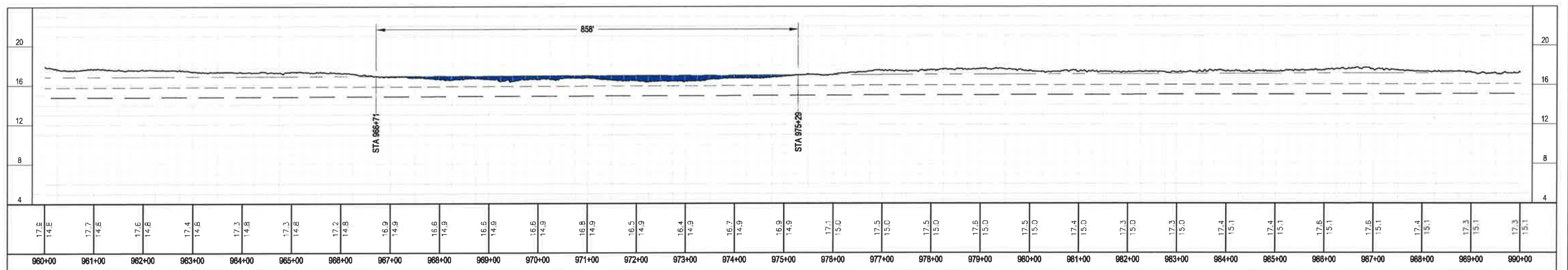
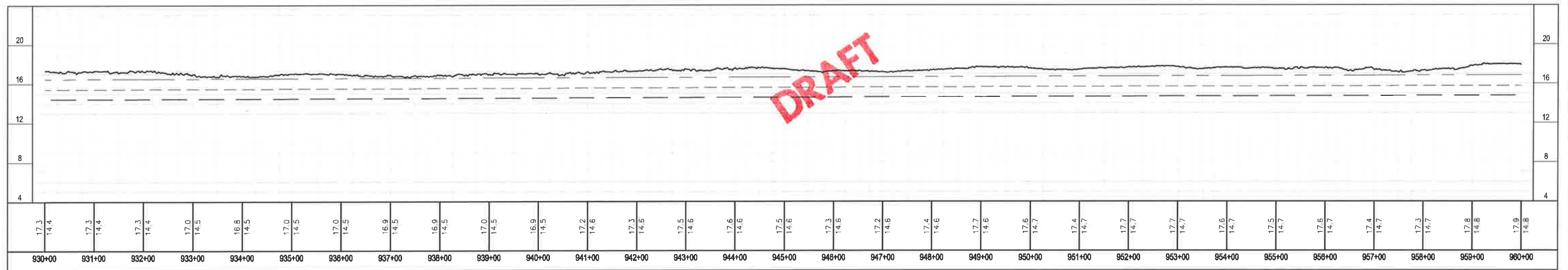
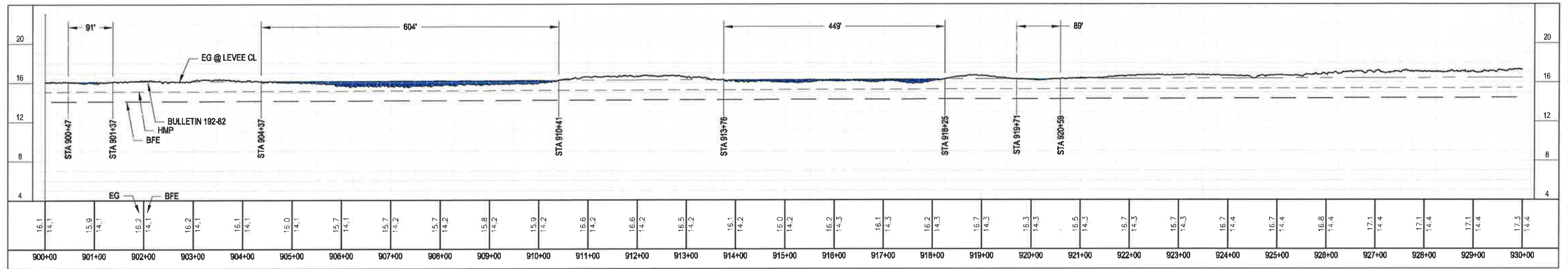
711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-210
 SHEET 12 OF 57
 KSN PROJECT FILE NO.
 0675-1280

PROFILE
 STA 810+00 TO STA 900+00

FILE: S:\P\0675_Type_I\1280_V-17-13_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:37pm



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	DRAWING SCALE
DRAWN BY EEA	HORZ: 1" = 100'
CHECK BY CHN	VERT: 1" = 5'
HORIZONTAL DATUM CCS83, ZONE 2	ORIGINAL DRAWING SCALE
VERTICAL DATUM NAVD88	0 1/2" 1"

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 West Sacramento, CA 95691
 916-403-5900

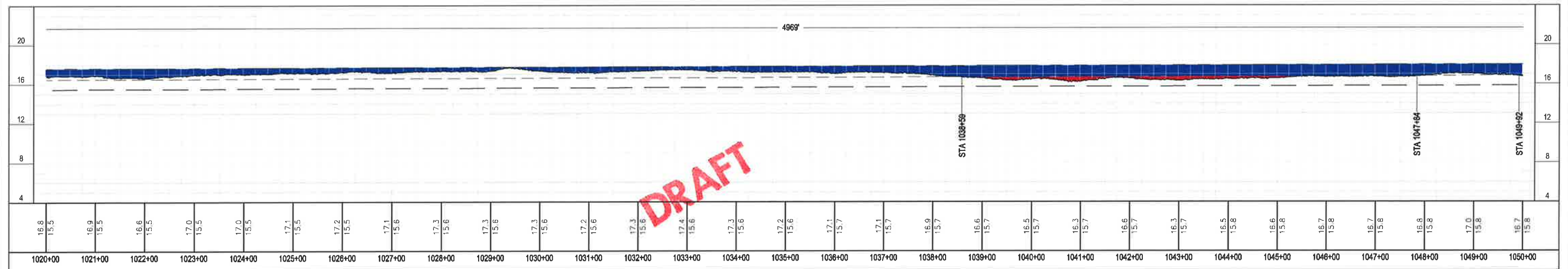
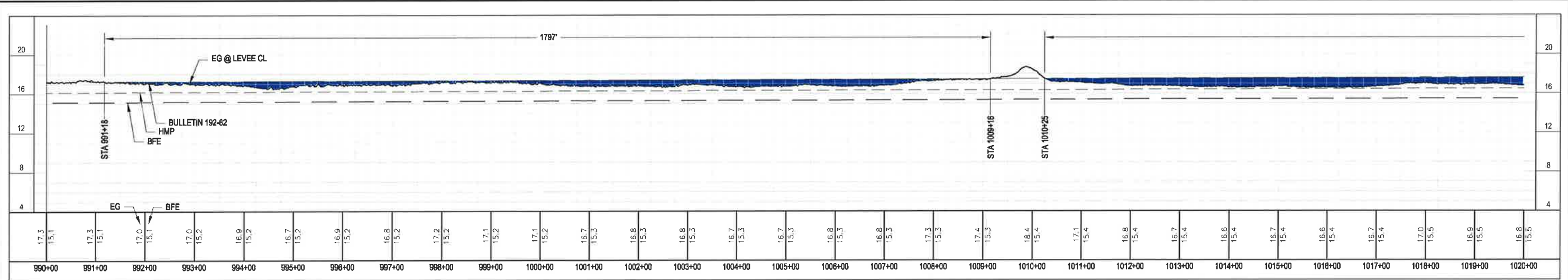
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

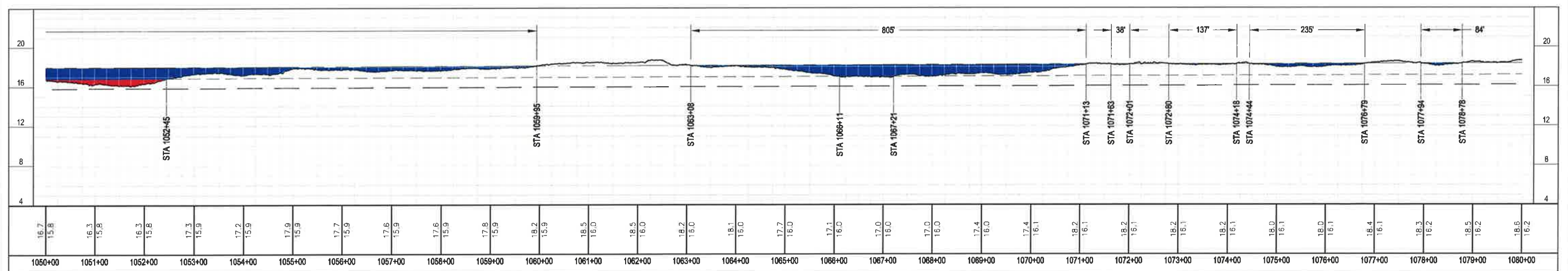
SHEET IDENTIFICATION
V-211
 SHEET 13 OF 57
 KSN PROJECT FILE NO.
 0675-1280

PROFILE
 STA 900+00 TO STA 990+00

FILE SPEC: P:\0675_Tier_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:40pm



DRAFT



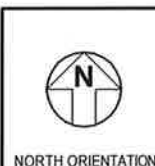
DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 HORZ: 1" = 100'
 VERT: 1" = 5'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

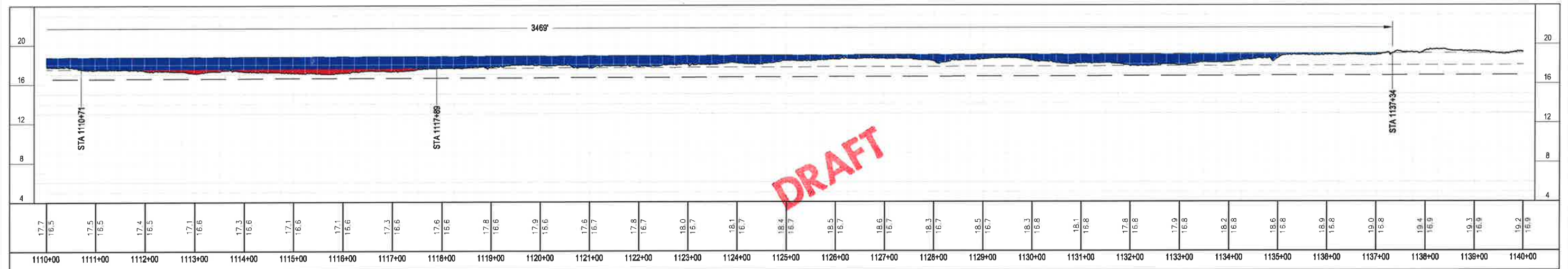
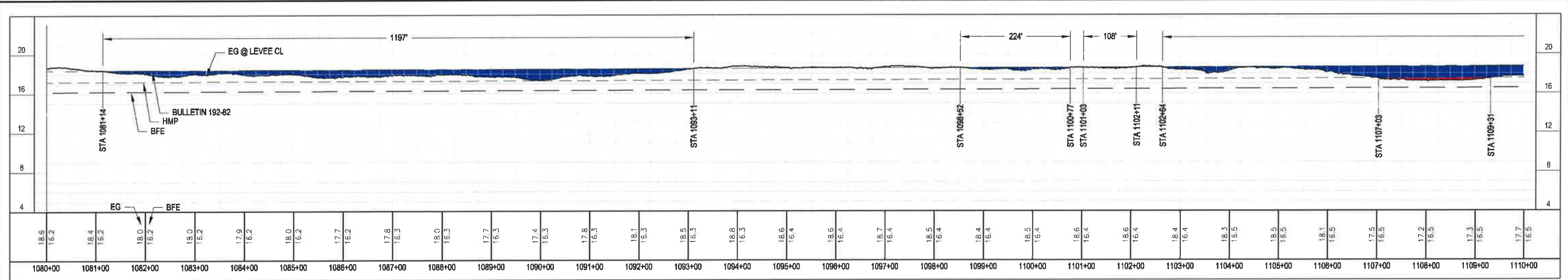
ZOK inc. **KJELDEN SINNOCK NEUDECK**
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 711 N Parshing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
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 916-403-5900
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

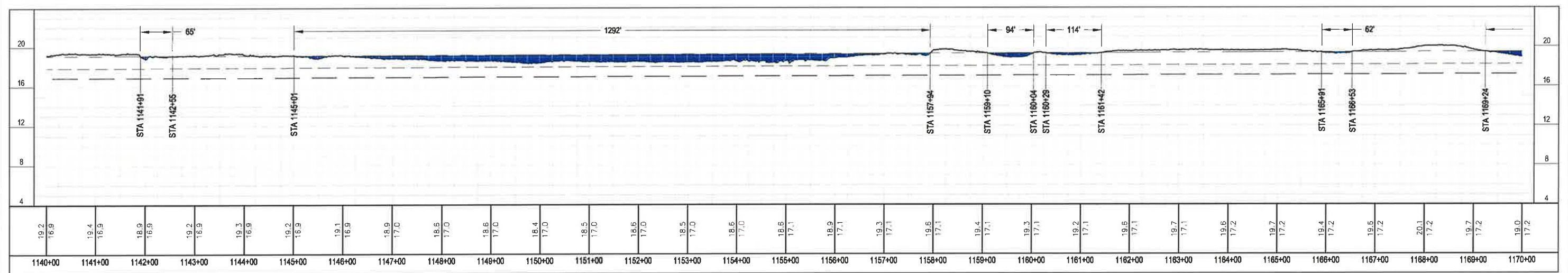
PROFILE
 STA 990+00 TO STA 1080+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-212
 SHEET 14 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler_Island\1280_17-1B_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD_Sheets\Existing V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:44pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

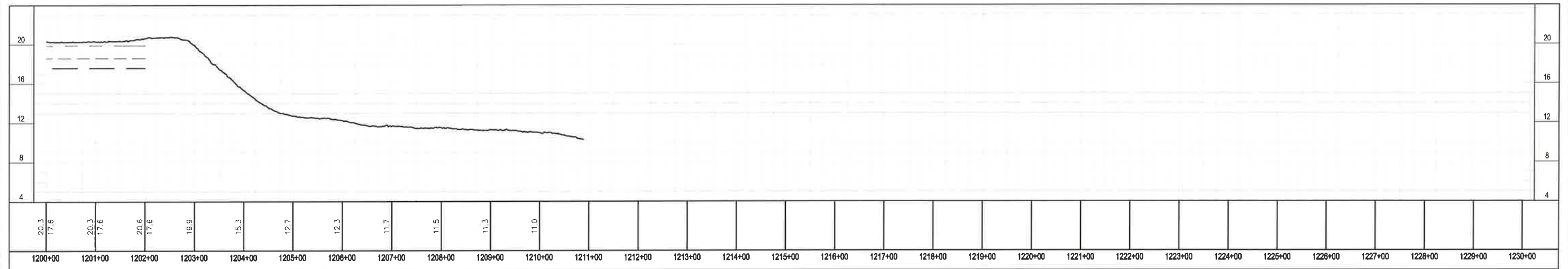
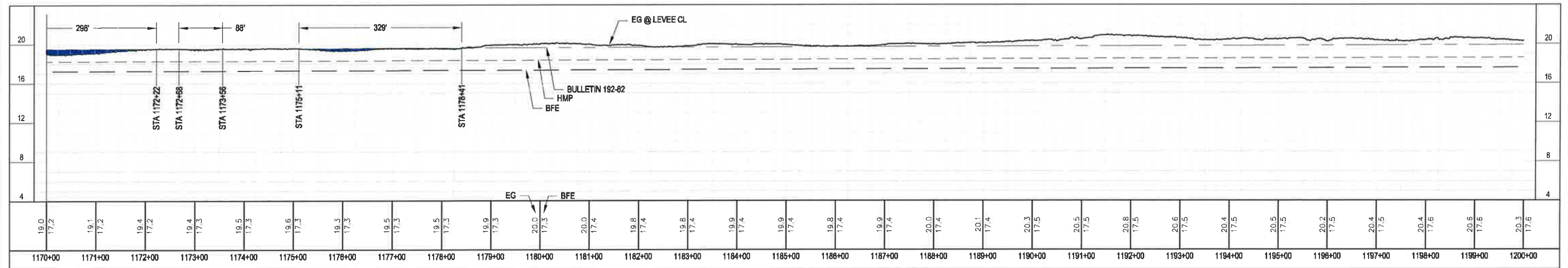
DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 HORZ: 1" = 100'
 VERT: 1" = 5'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 CIVIL ENGINEERS & LAND SURVEYORS
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 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-213
 SHEET 15 OF 57
 KSN PROJECT FILE NO.
 0675-1280
PROFILE
 STA 1080+00 TO STA 1170+00

FILE SPEC: P:\0675_Tyler_Islions\1280_17-1B_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing V-201.dwg
 PLOT DATE: Aug 12, 2019 - 4:47pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

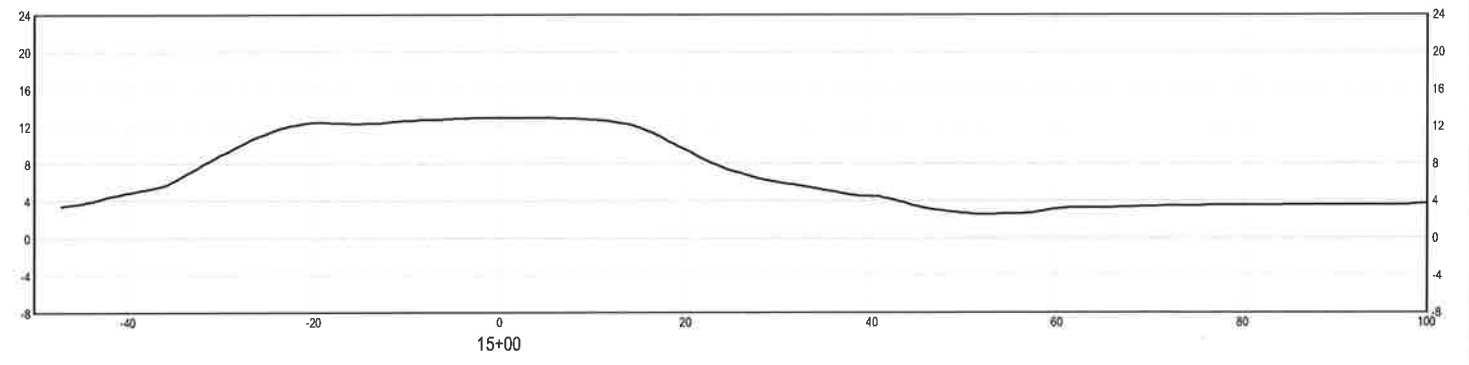
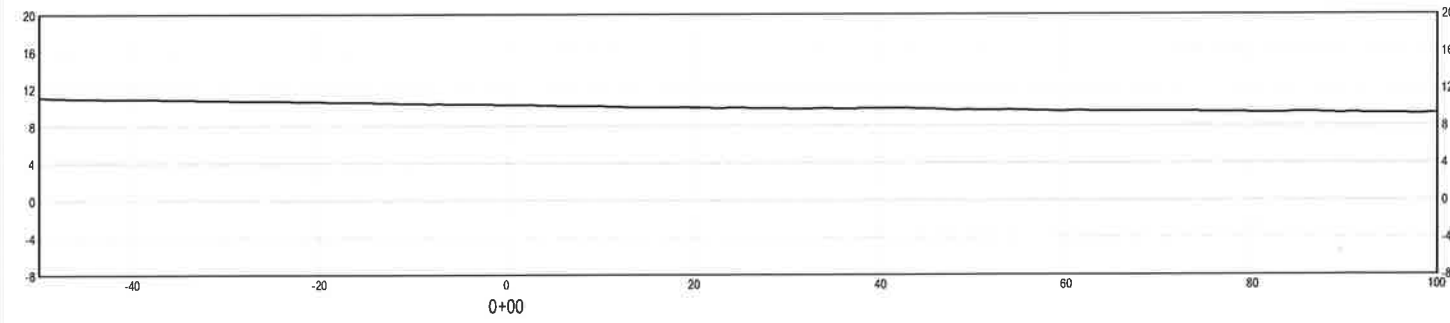
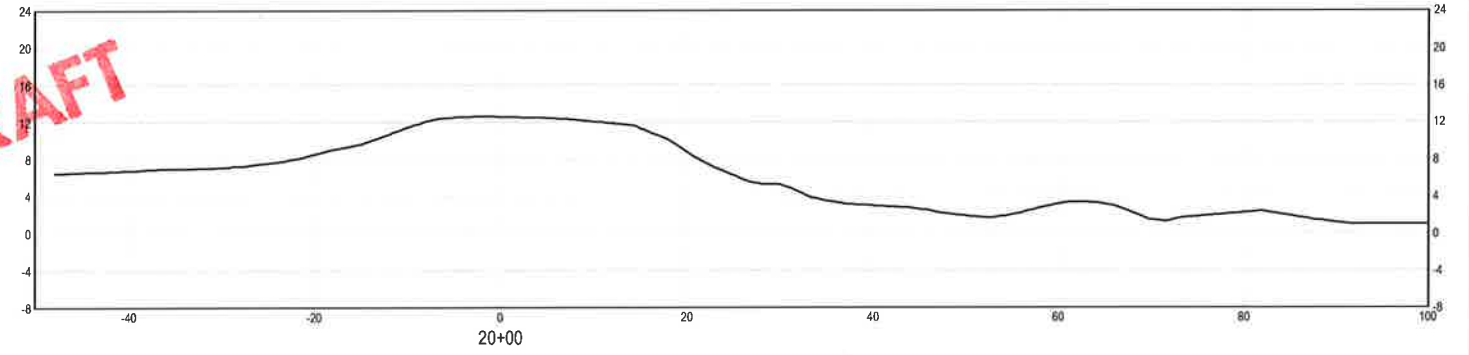
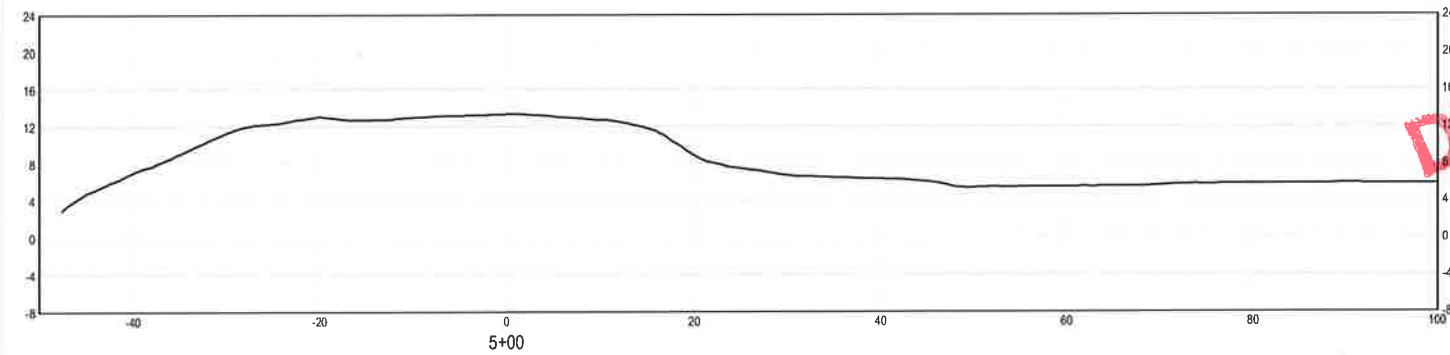
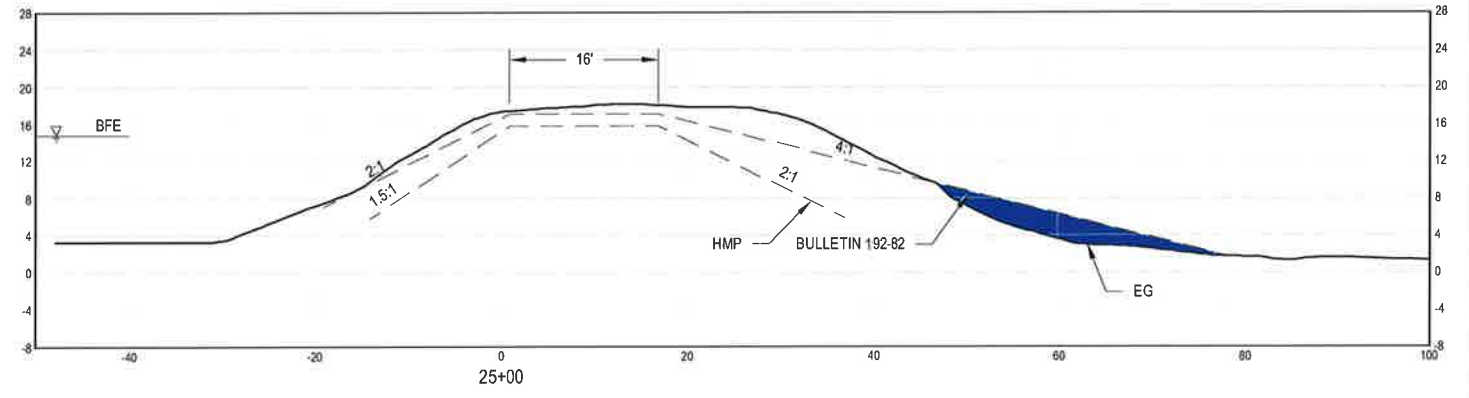
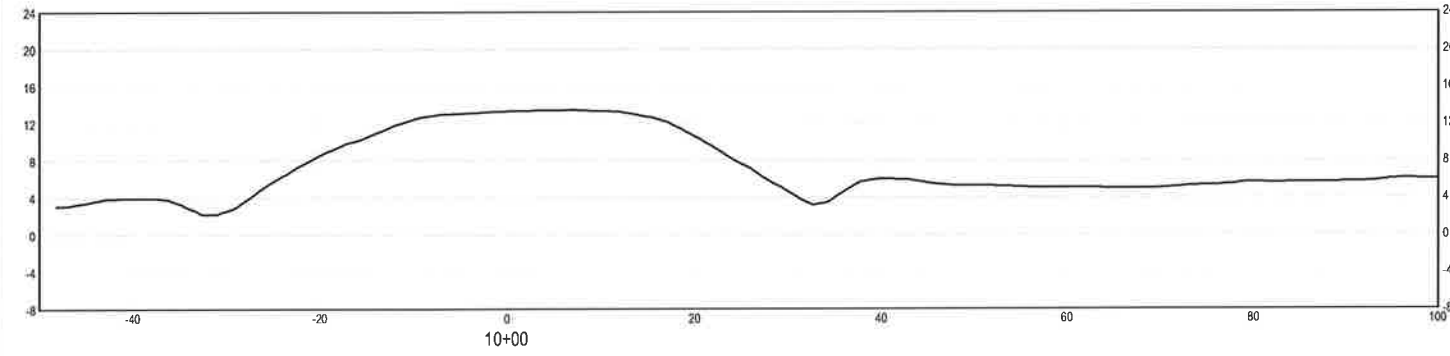
BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT

 NORTH ORIENTATION	PROJECT ENGINEER PRELIMINARY NOT FOR CONSTRUCTION	NO.	DESCRIPTION	DATE	APPR	DESIGN BY	DRAWING SCALE	 KJELDEN SINNER NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com	RECLAMATION DISTRICT NO. 563 FIVE YEAR PLAN EXISTING CONDITIONS SACRAMENTO COUNTY, CALIFORNIA PROFILE STA 1170+00 TO STA 1210+89	DATE AUGUST 12, 2019 SHEET IDENTIFICATION V-214 SHEET 16 OF 57 KSN PROJECT FILE NO. 0675-1280
						DRAWN BY EEA CHECK BY CHN HORIZONTAL DATUM CCS83, ZONE 2 VERTICAL DATUM NAVD88	711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1550 Harbor Drive, Suite 212 West Sacramento, CA 95691 916-403-5900			

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:07pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EEA	DRAWING SCALE	1" = 10'
CHECK BY	CHN	ORIGINAL DRAWING SCALE	0 1/4" 1"
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268

1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

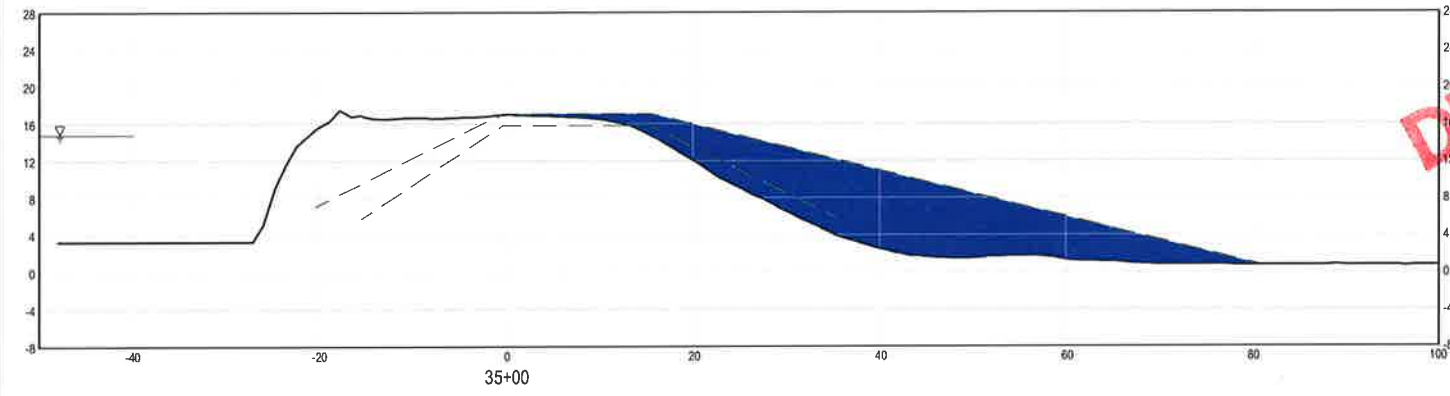
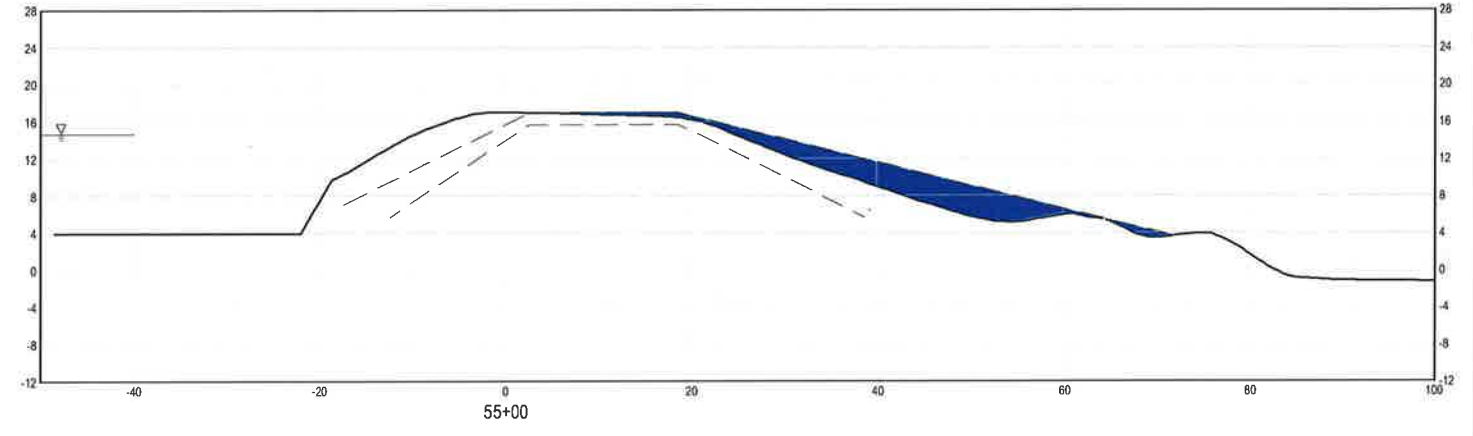
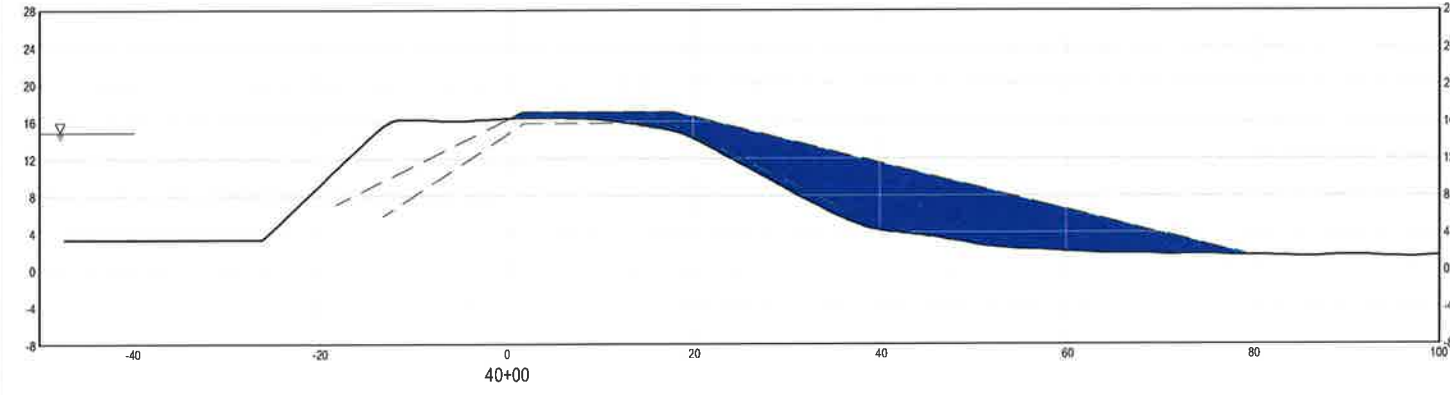
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

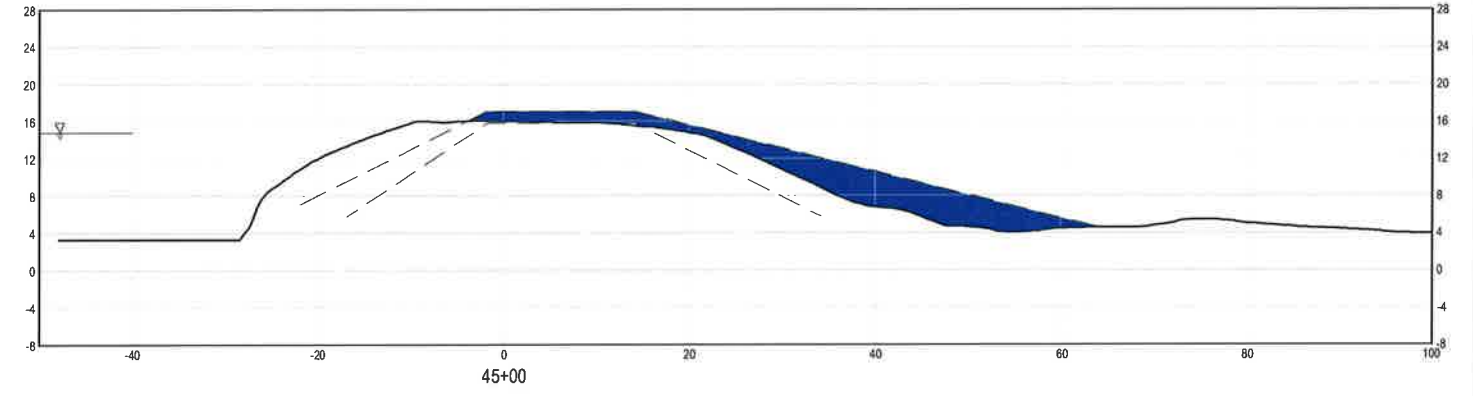
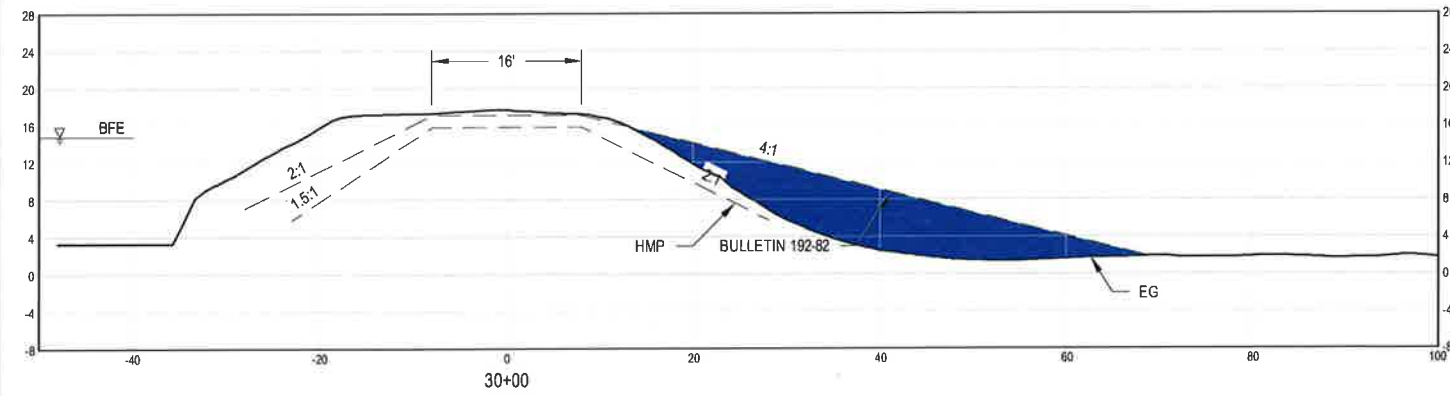
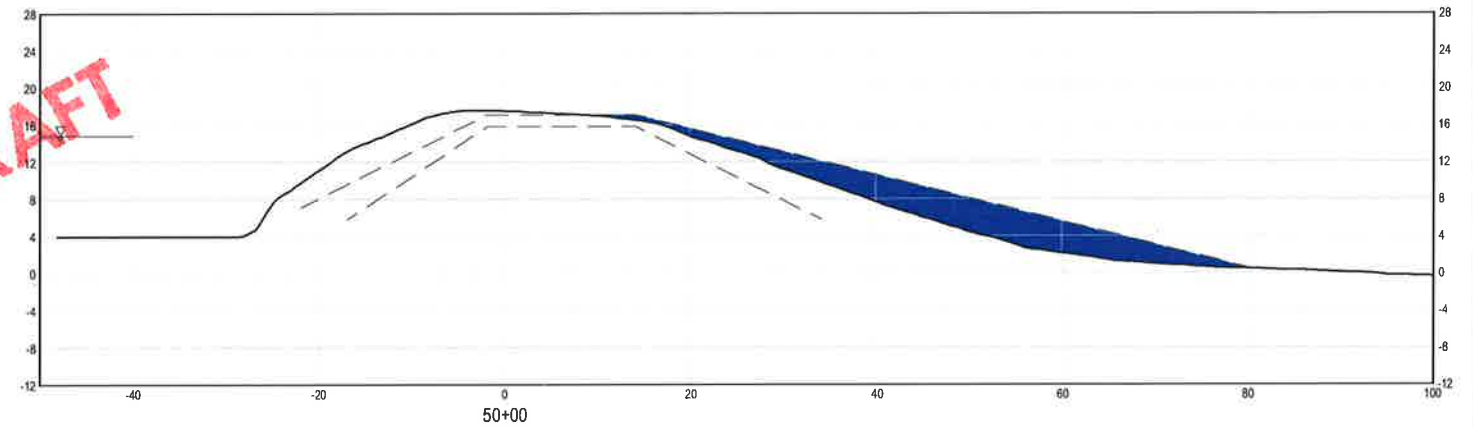
SHEET IDENTIFICATION
V-301
 SHEET 17 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 0+00 TO STA 30+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:07pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA
DRAWN BY	EEA
CHECK BY	CHN
HORIZONTAL DATUM	CCS83, ZONE 2
VERTICAL DATUM	NAVD88

DRAWING SCALE	1" = 10'
ORIGINAL DRAWING SCALE	0 1/2" 1"

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711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268

1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

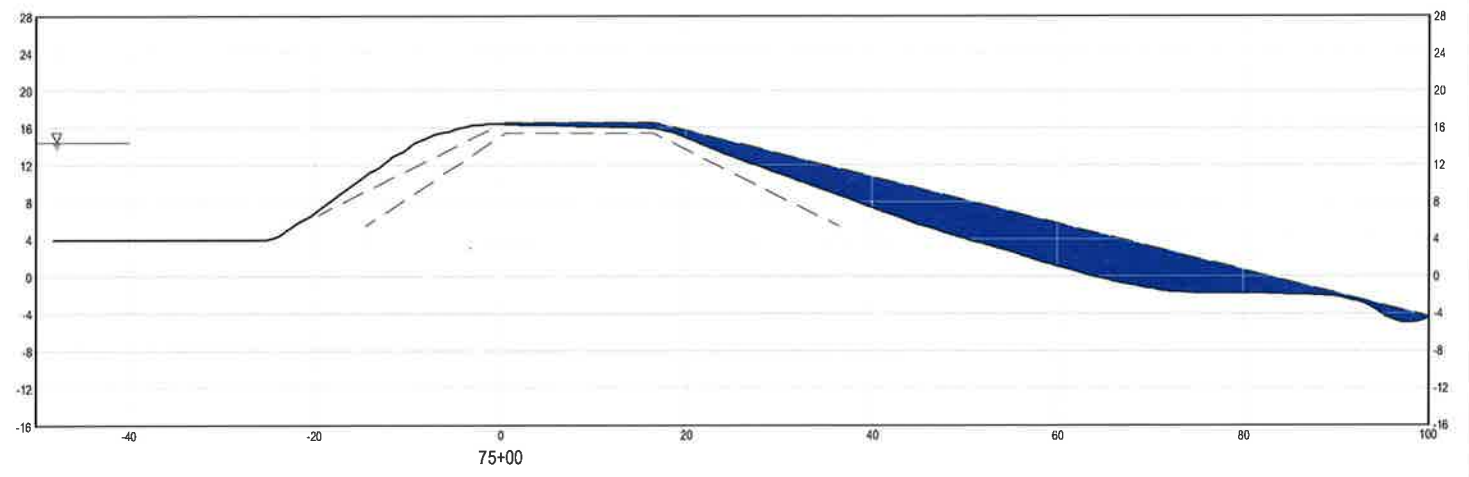
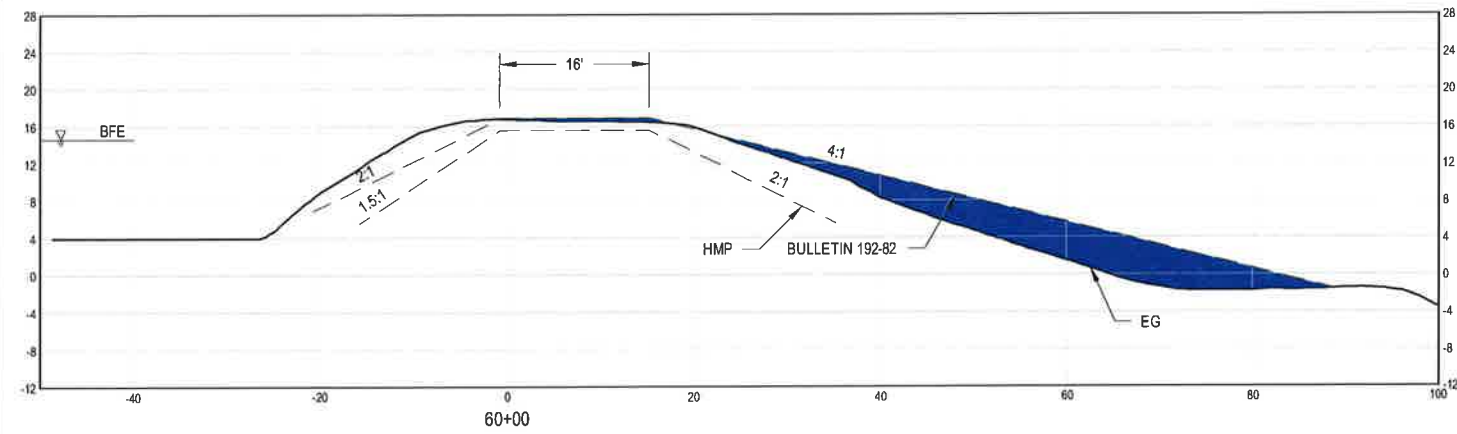
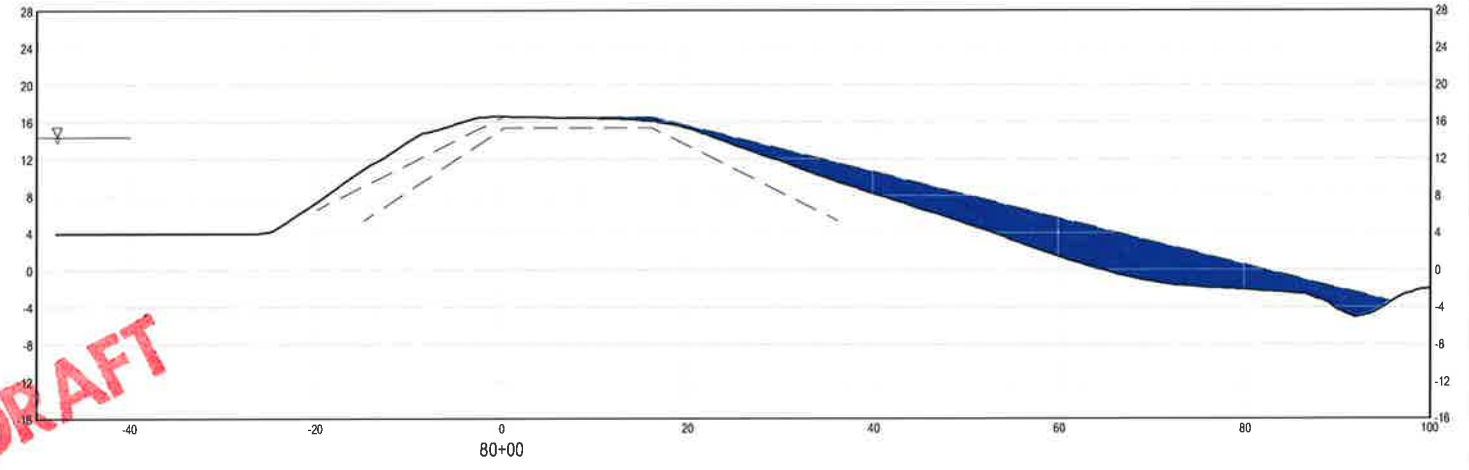
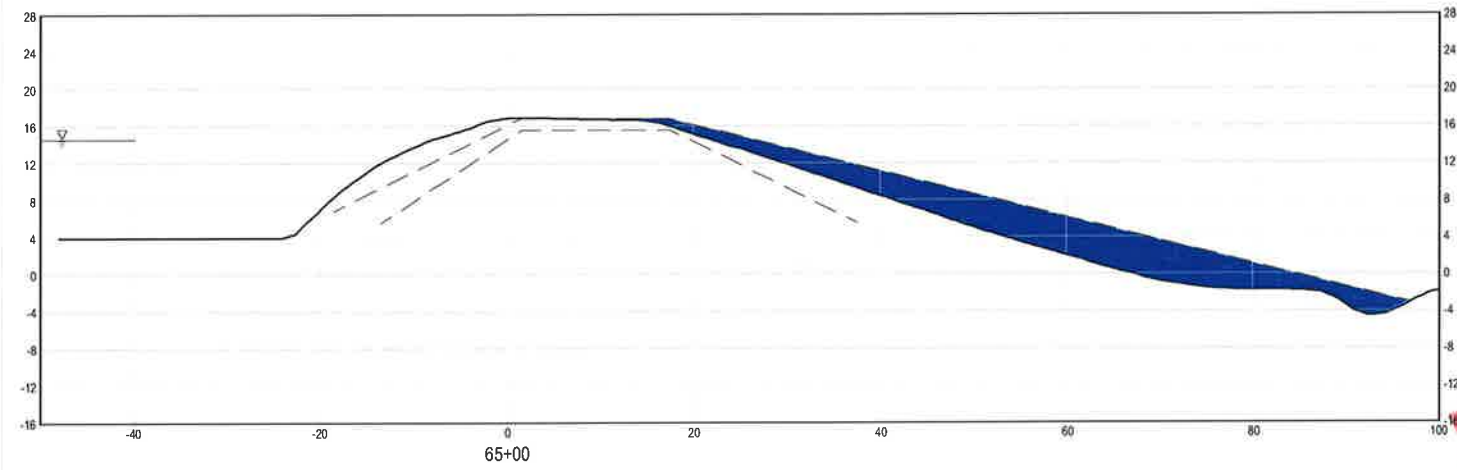
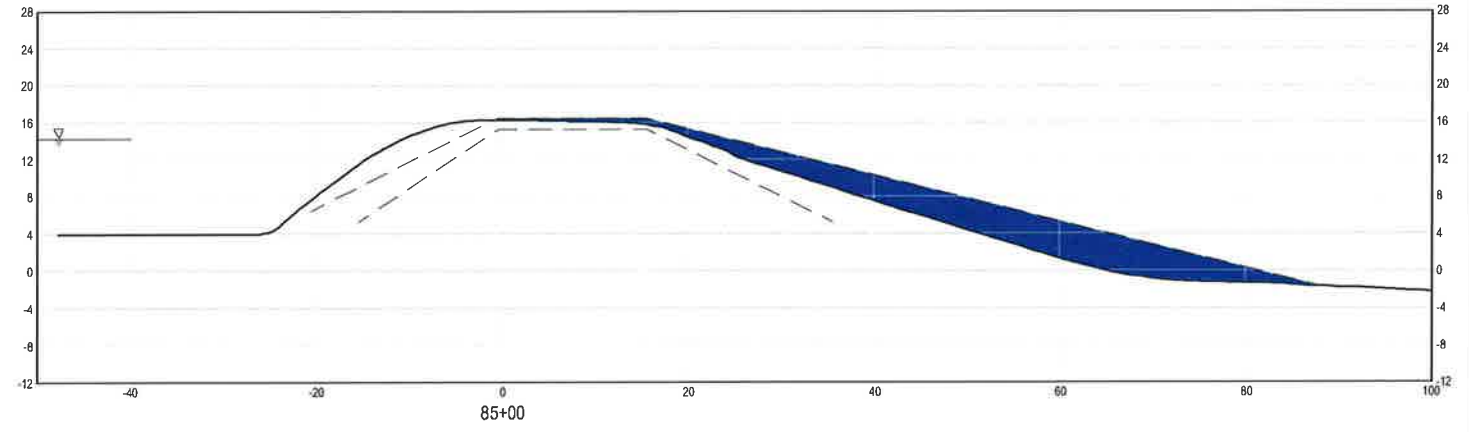
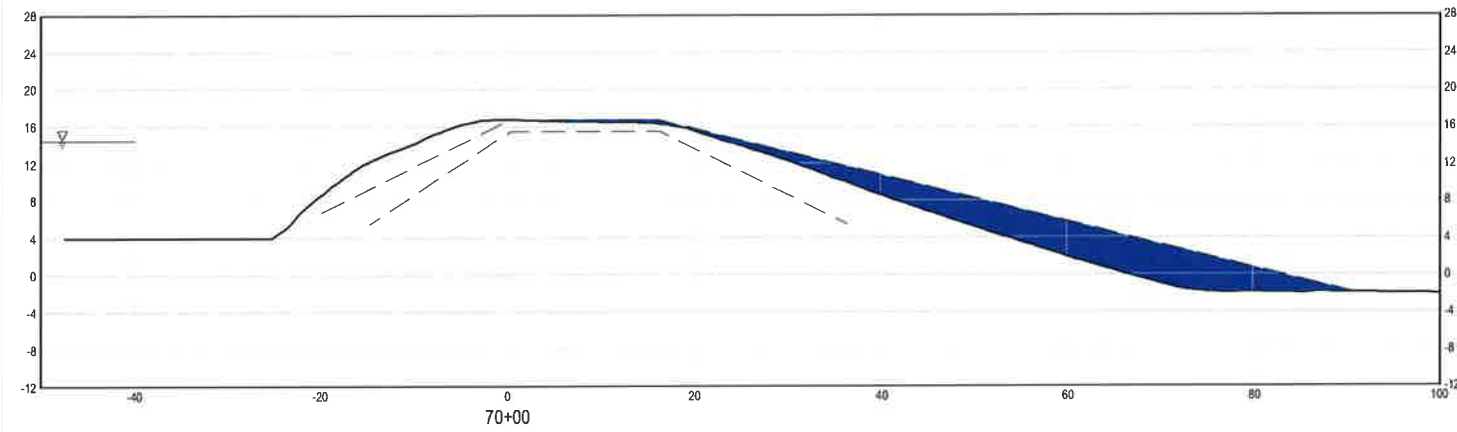
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-302
 SHEET 18 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 30+00 TO STA 60+00

FILE SPEC: P:\0675_Mer_Island\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:08pm



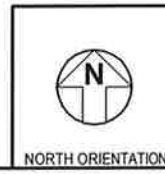
DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	DRAWING SCALE
DRAWN BY EEA	1" = 10'
CHECK BY CHN	ORIGINAL DRAWING SCALE
HORIZONTAL DATUM CCS83, ZONE 2	0 1/2" 1"
VERTICAL DATUM NAVD88	

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 916-403-5900

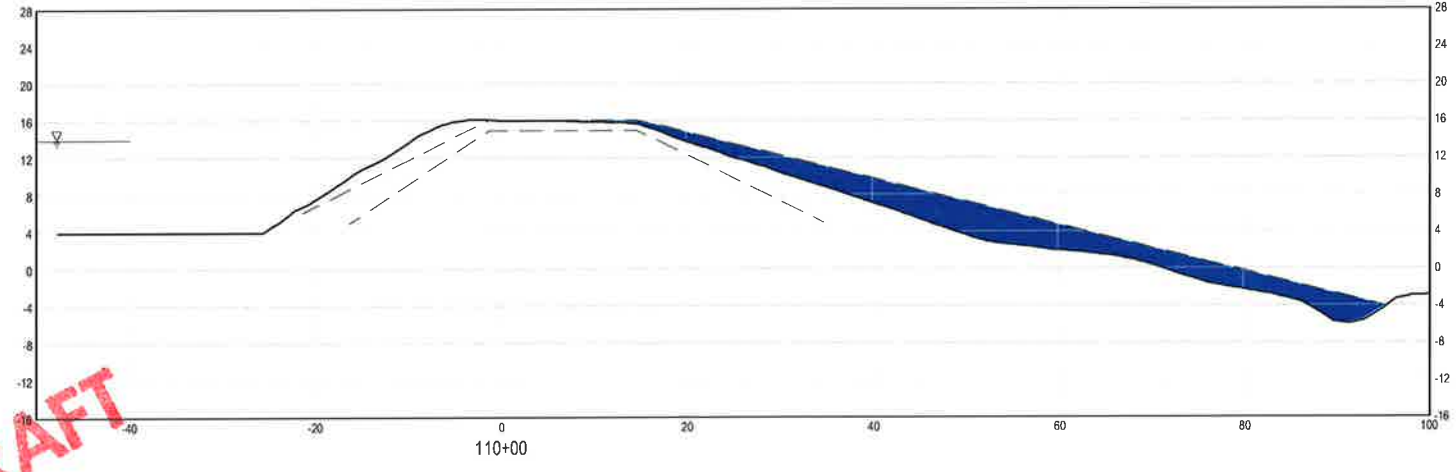
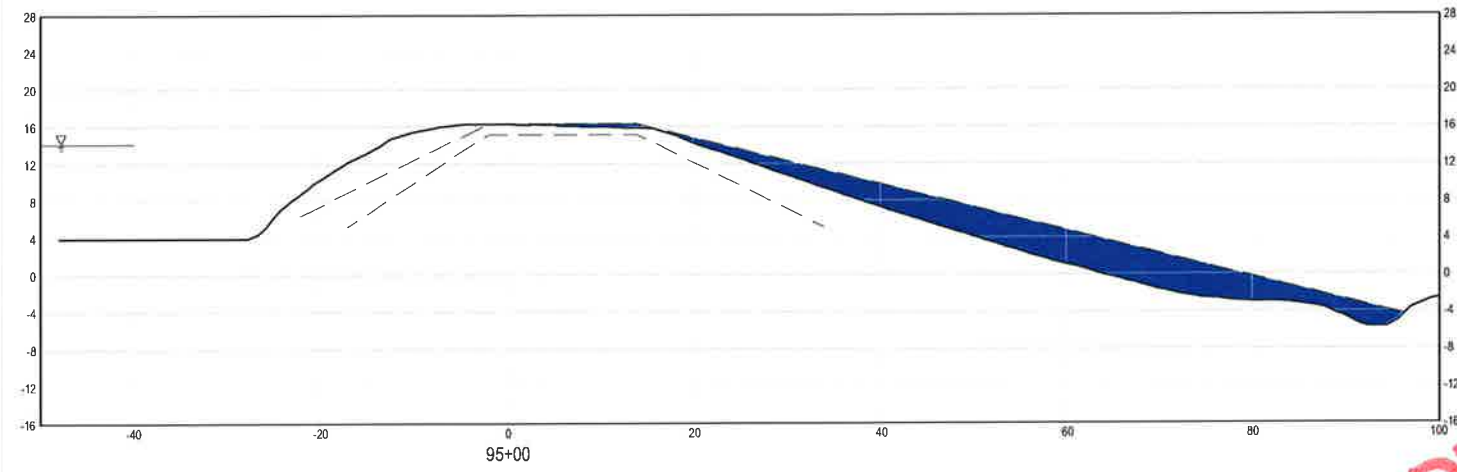
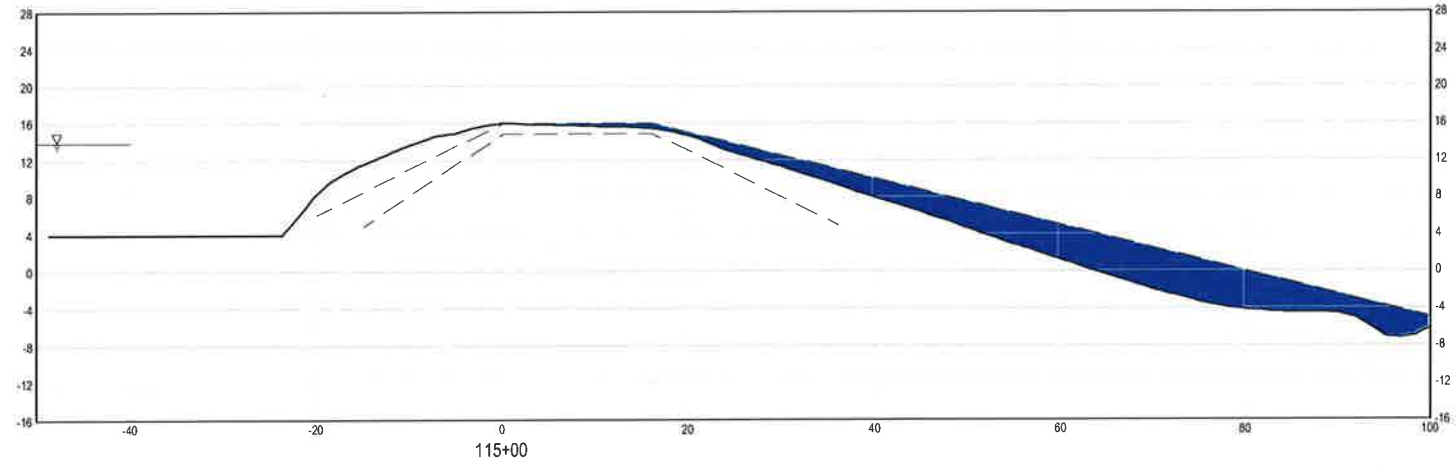
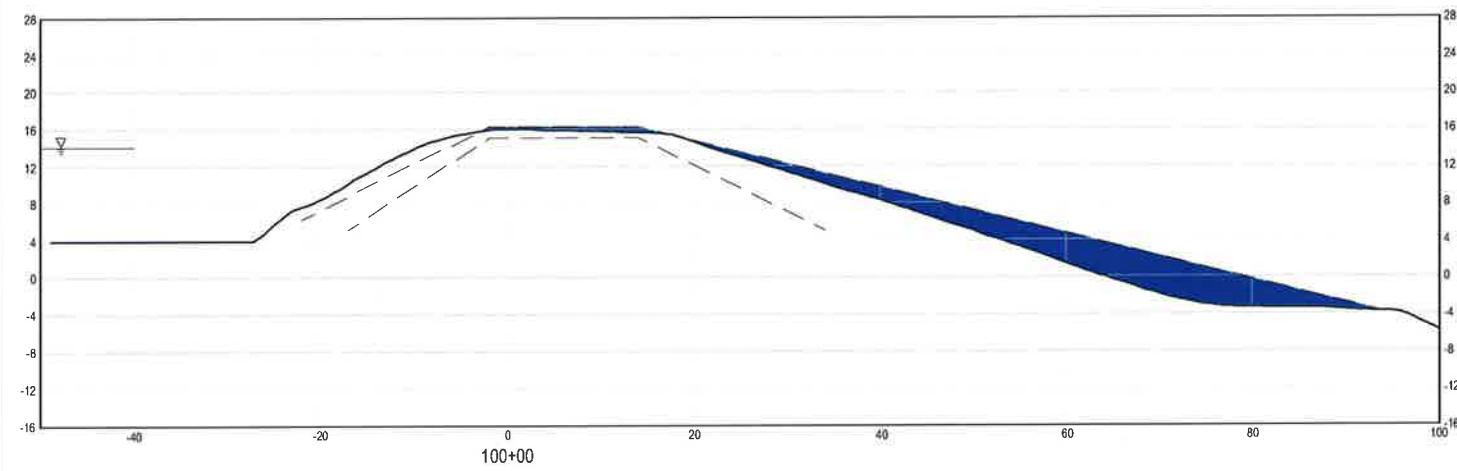
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

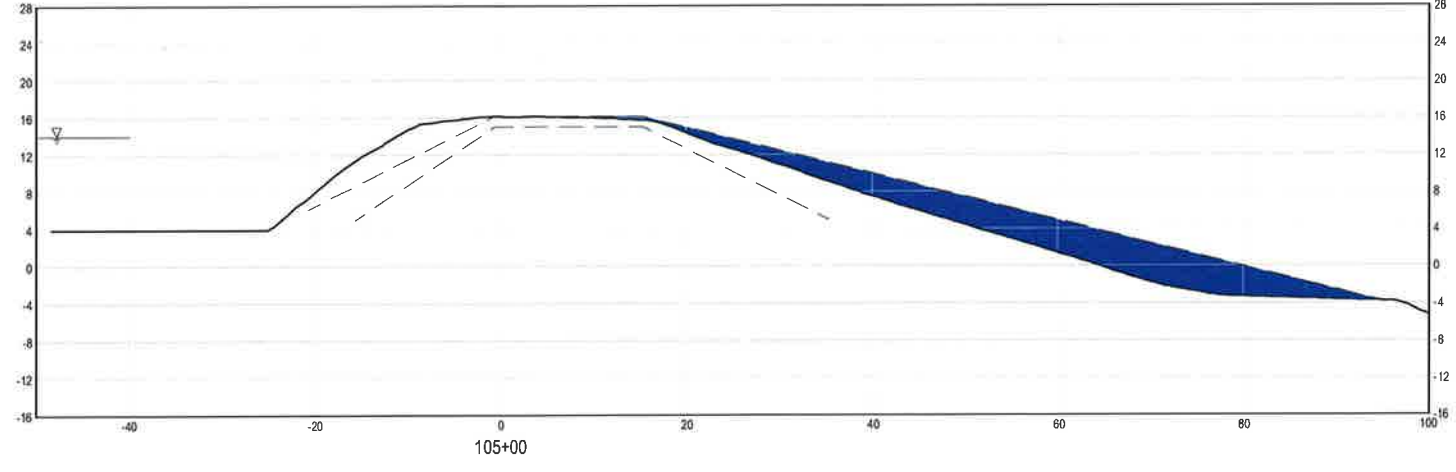
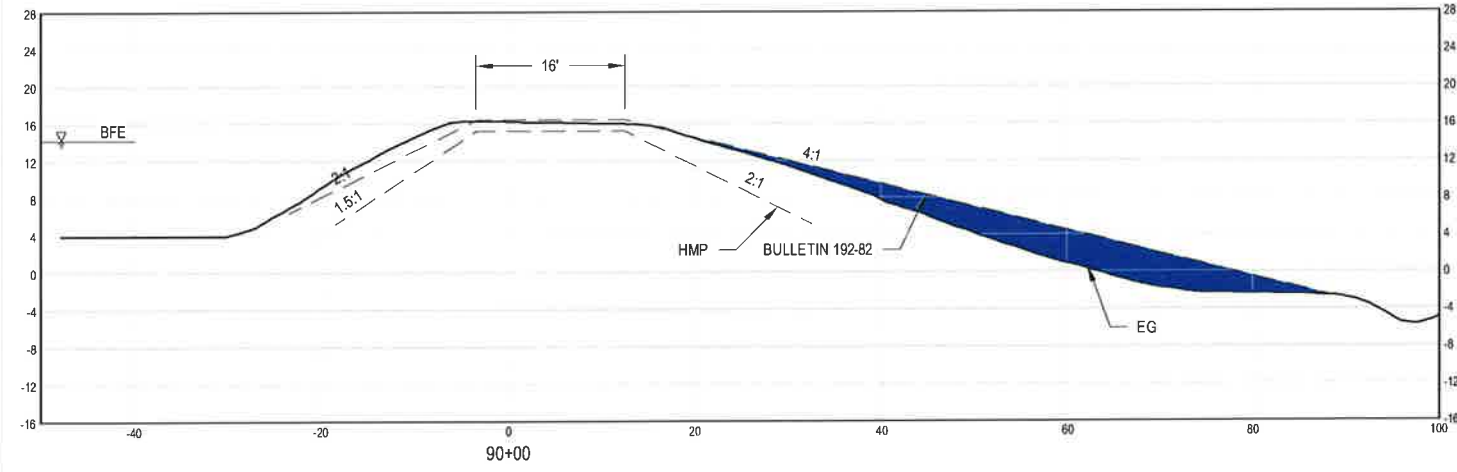
SHEET IDENTIFICATION
V-303
 SHEET 19 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 60+00 TO STA 90+00

FILE SPEC: P:\0675_Tyler_Islone\1280_17-18_DWR_5_Year_Plan\06_Plan\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:05pm

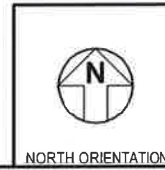


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

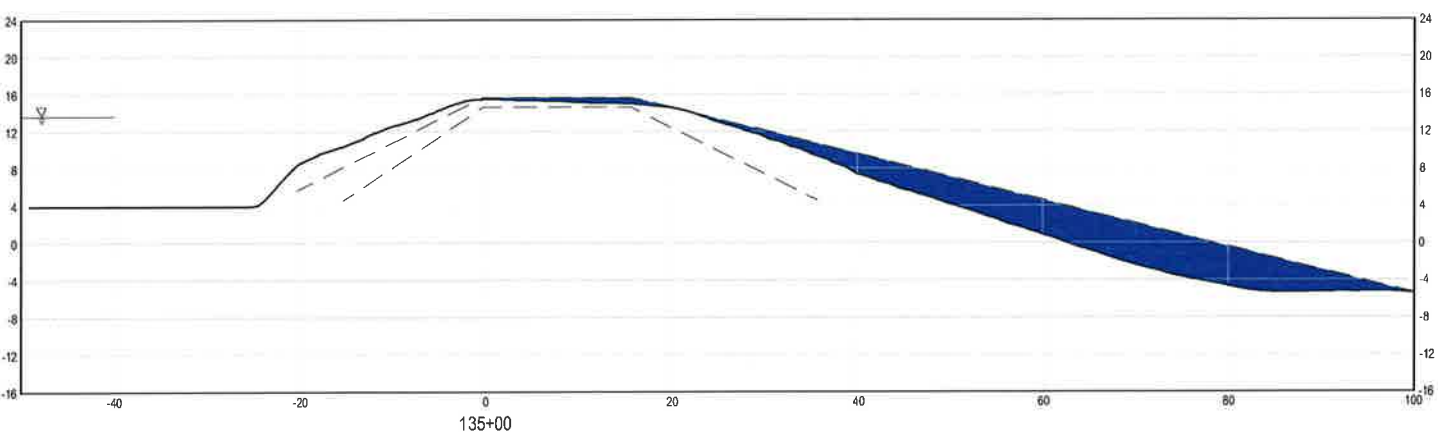
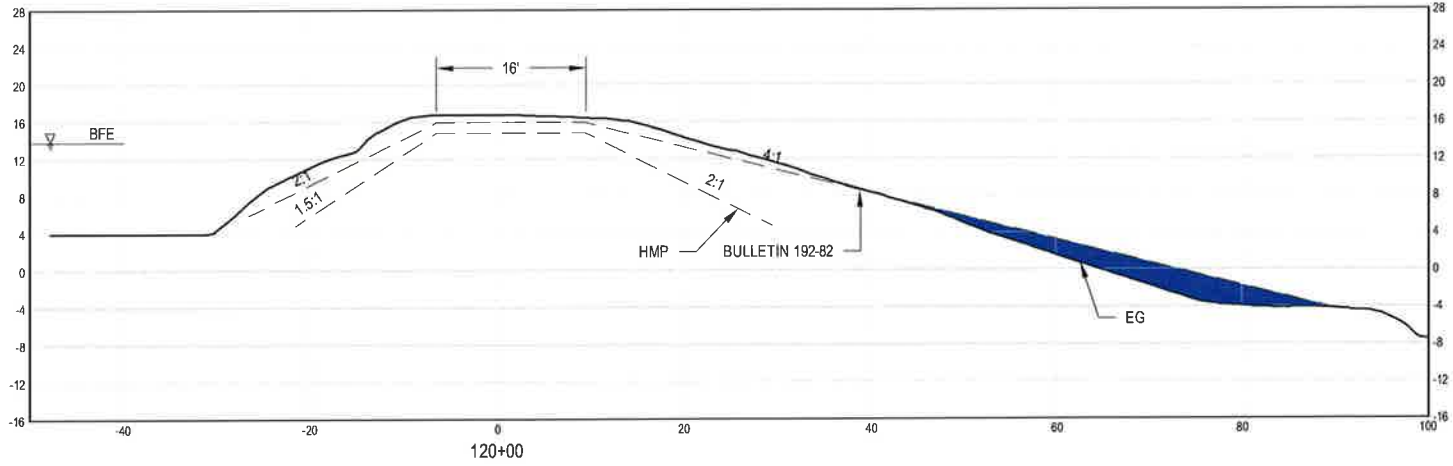
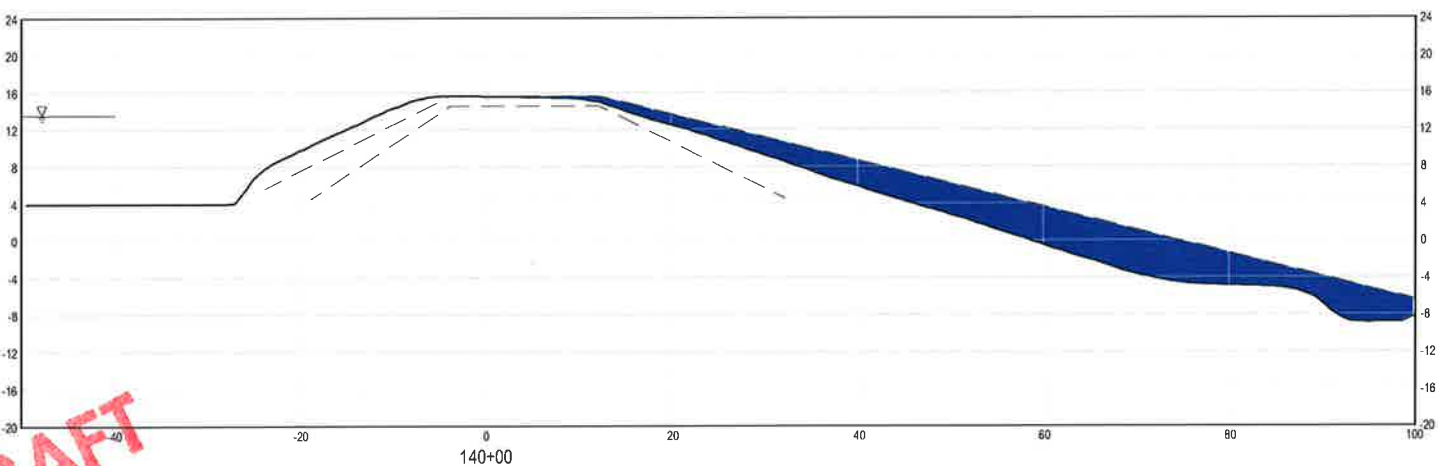
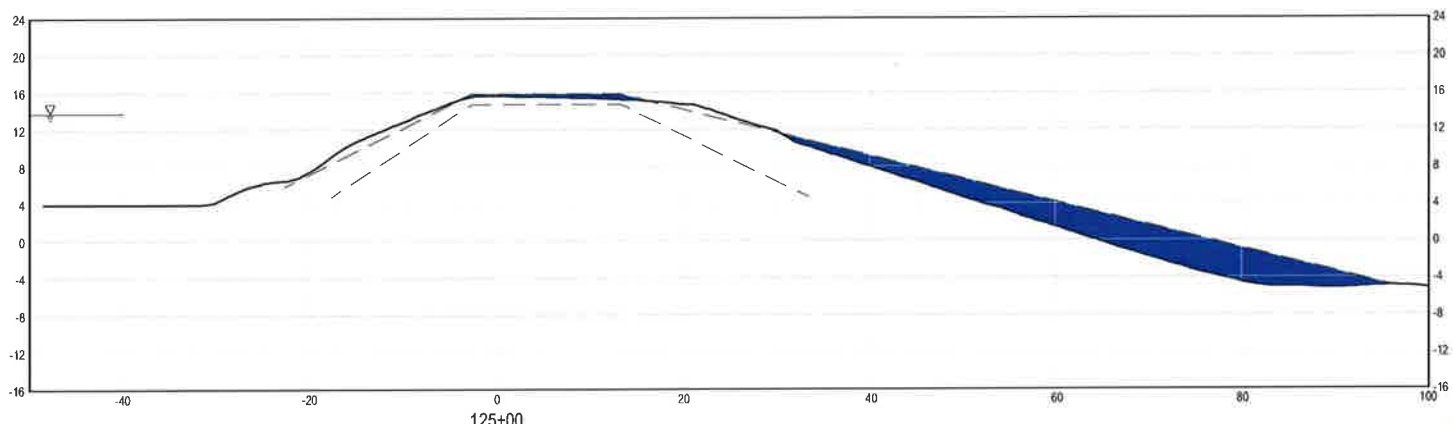
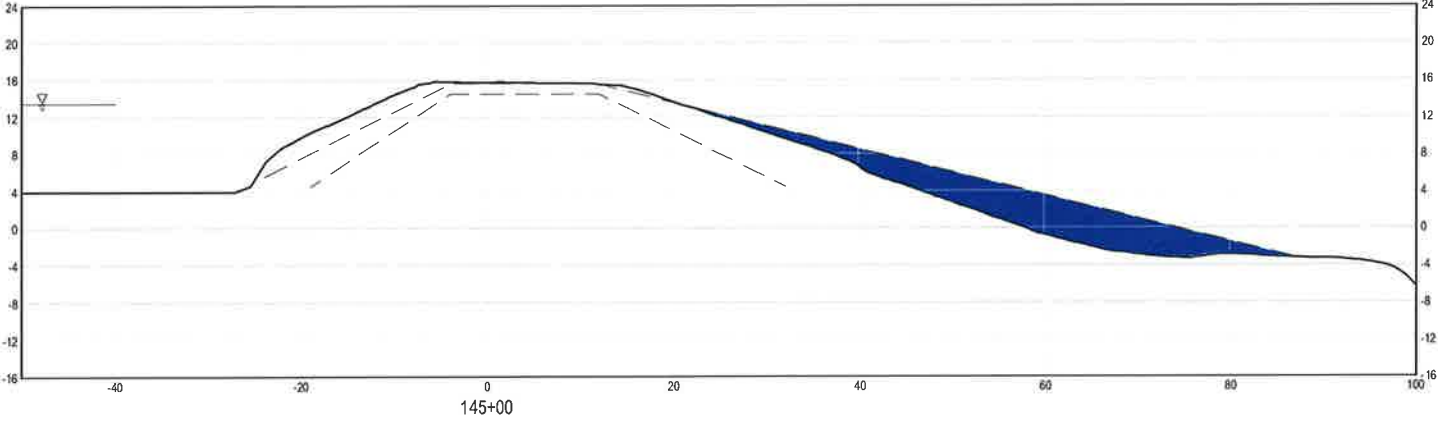
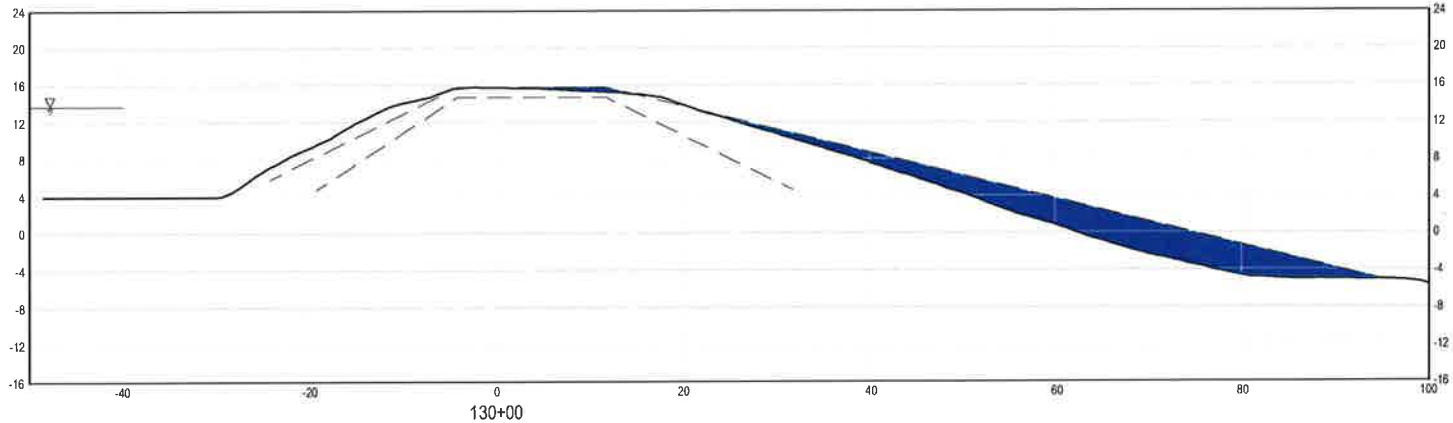
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 90+00 TO STA 120+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
20
 SHEET 9 OF 57
 KSN PROJECT FILE NO.
 0675-1280

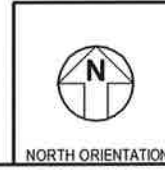
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 PLOT DATE: Aug 12, 2019 - 2:09pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 916-403-5900

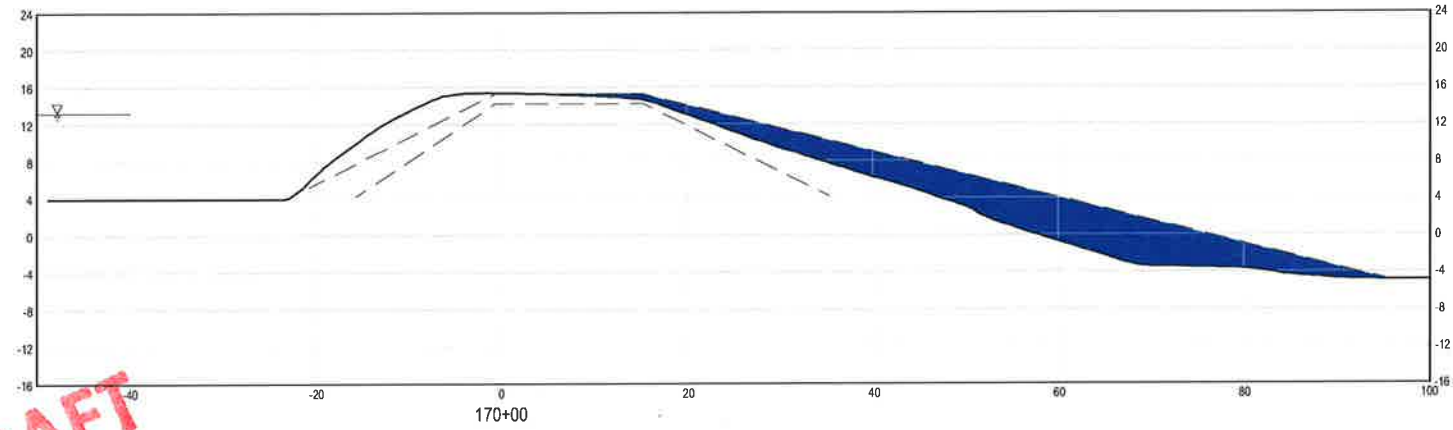
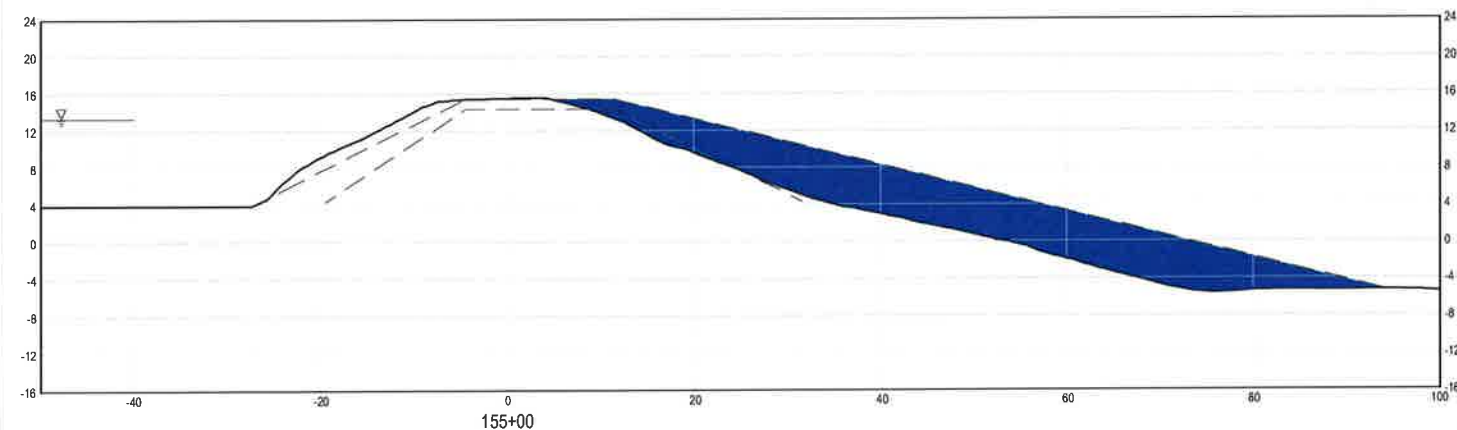
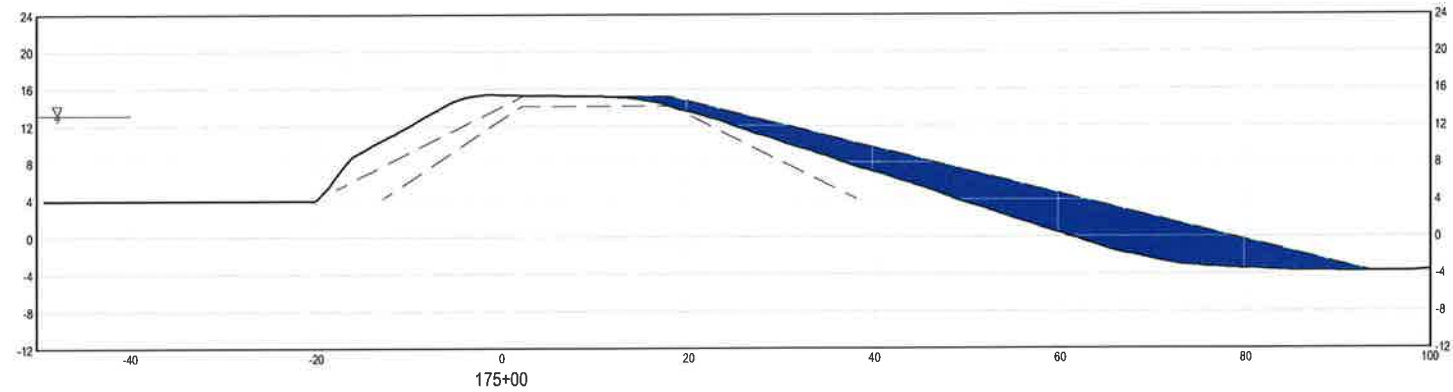
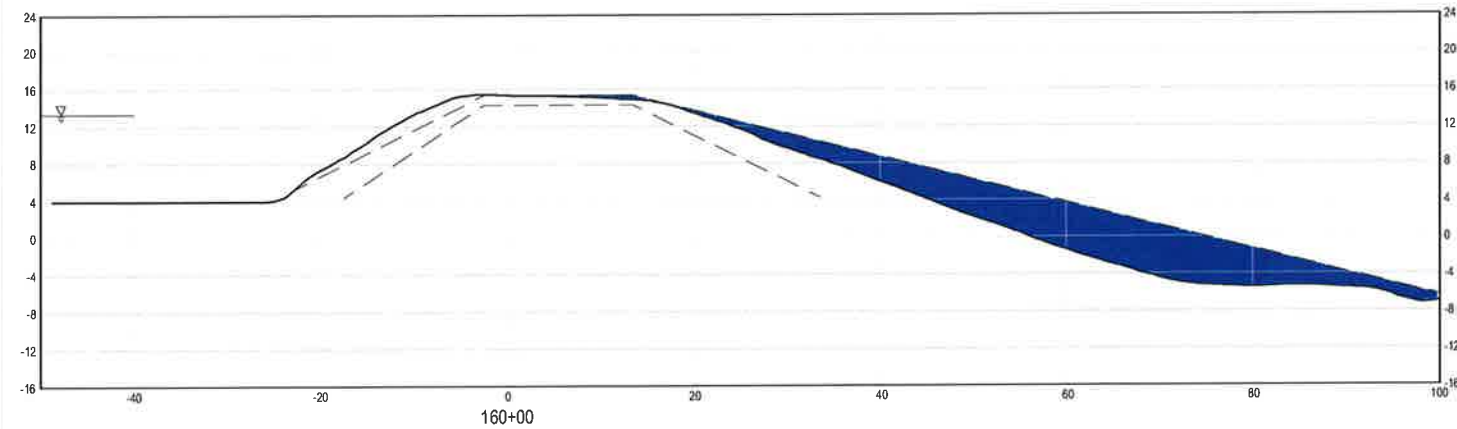
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 120+00 TO STA 150+00

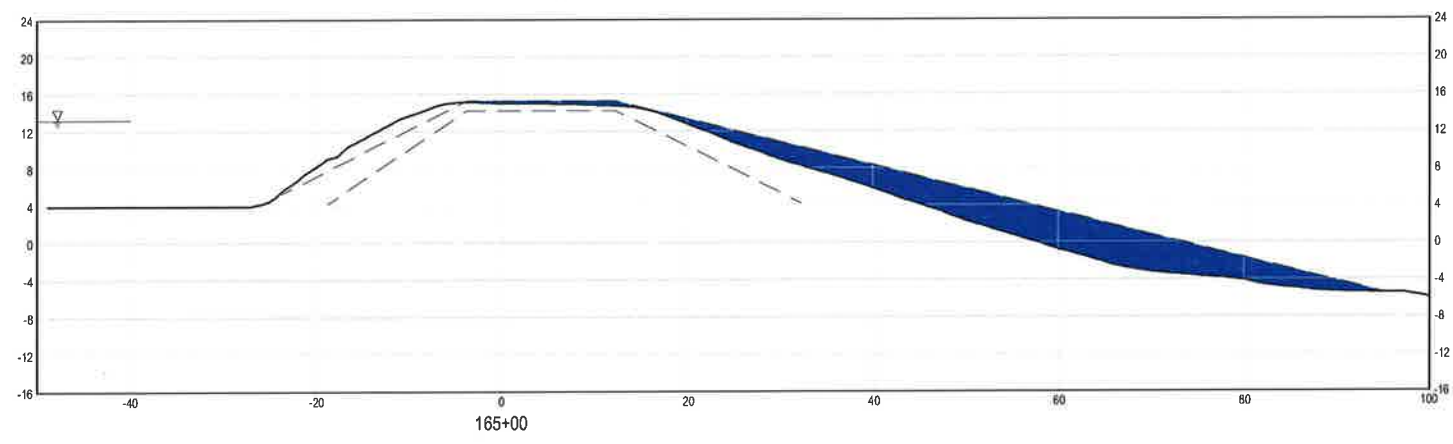
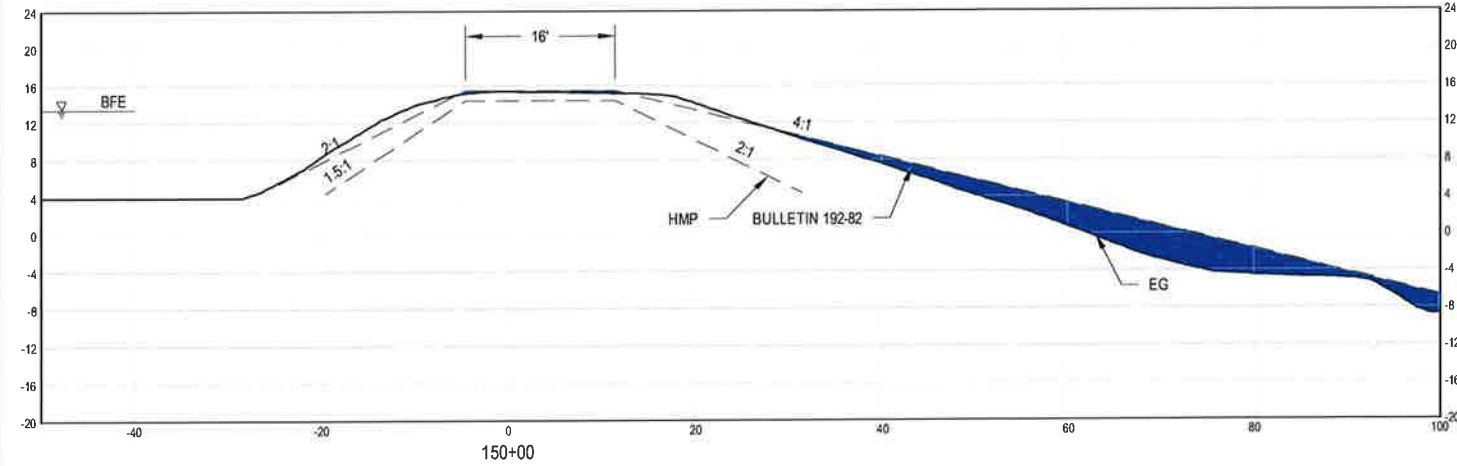
DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-305
 SHEET 21 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler\Islands\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:09pm

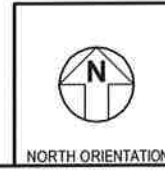


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 916-403-5900

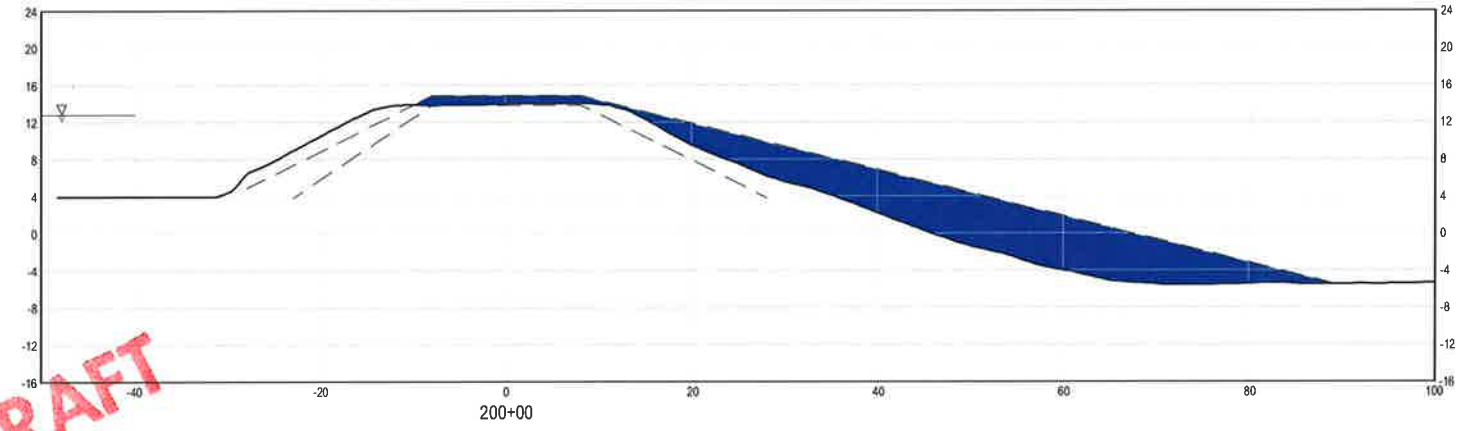
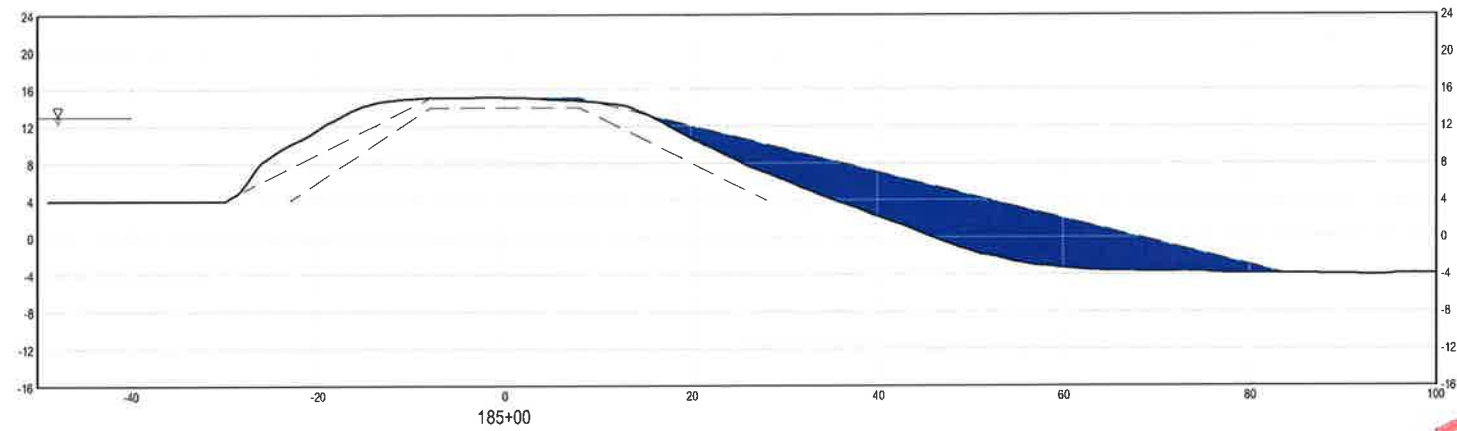
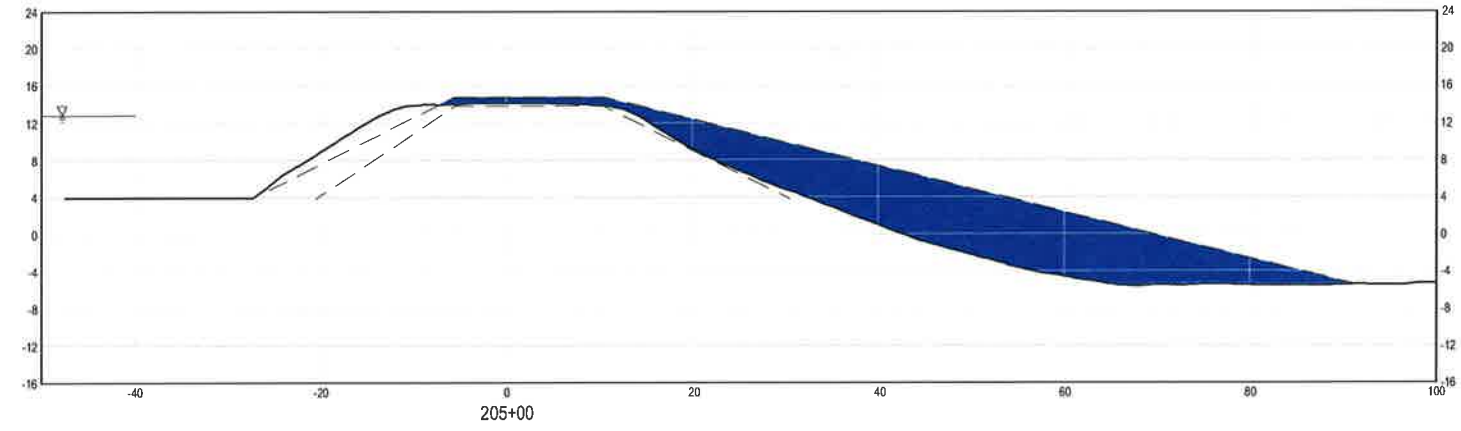
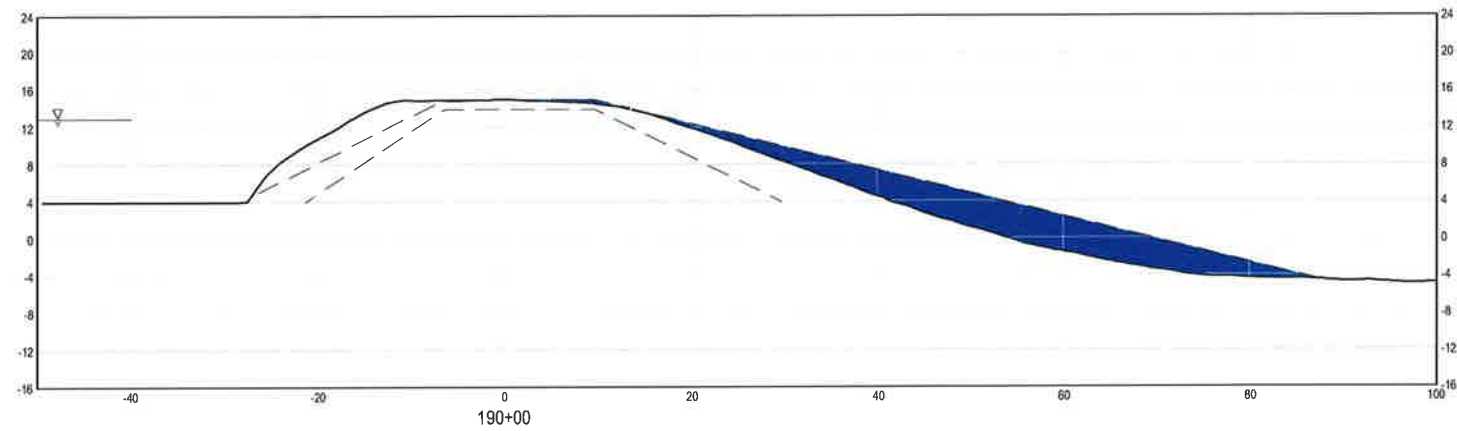
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 150+00 TO STA 180+00

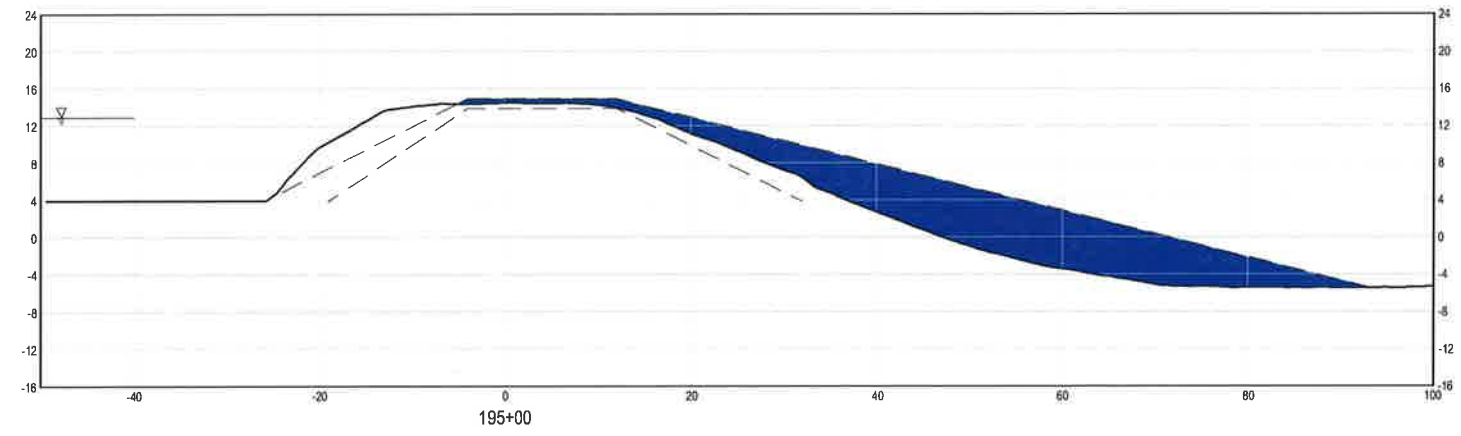
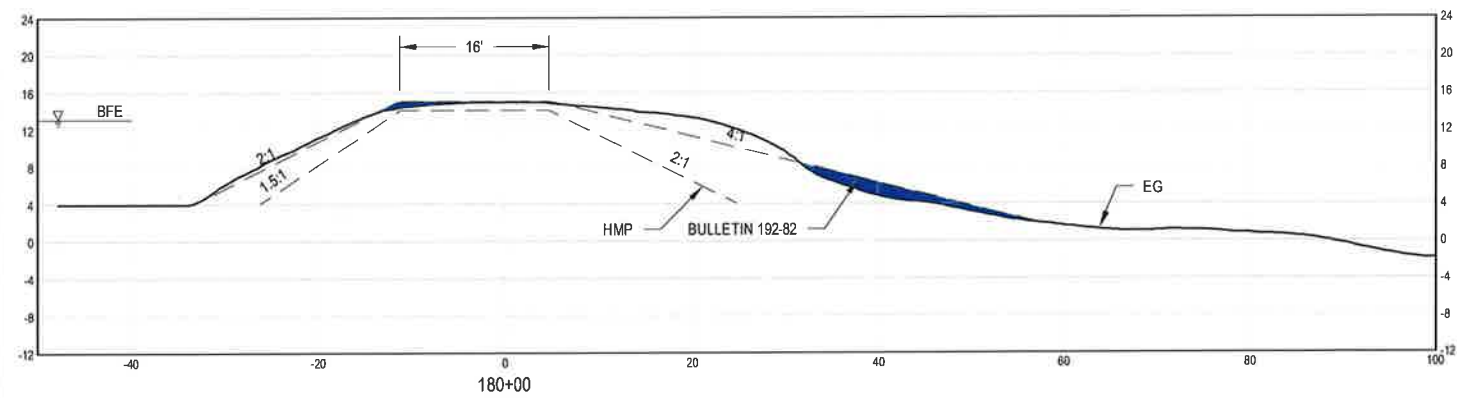
DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-306
 SHEET 22 OF 57
 KSN PROJECT FILE NO.
 0675-1280


FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_S_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:10pm

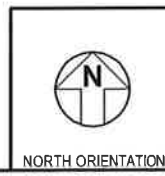


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 916-403-5900

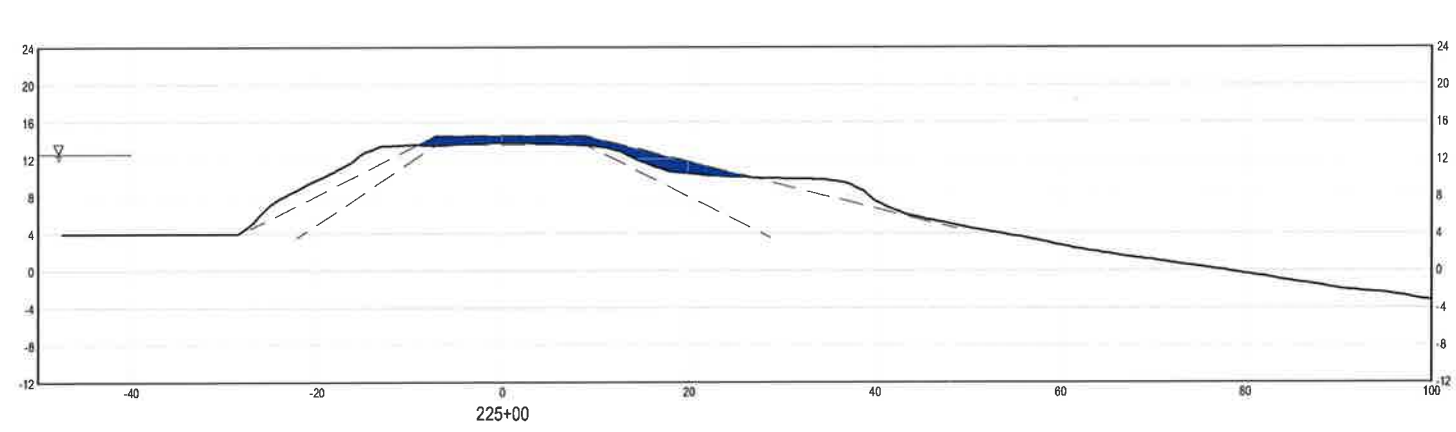
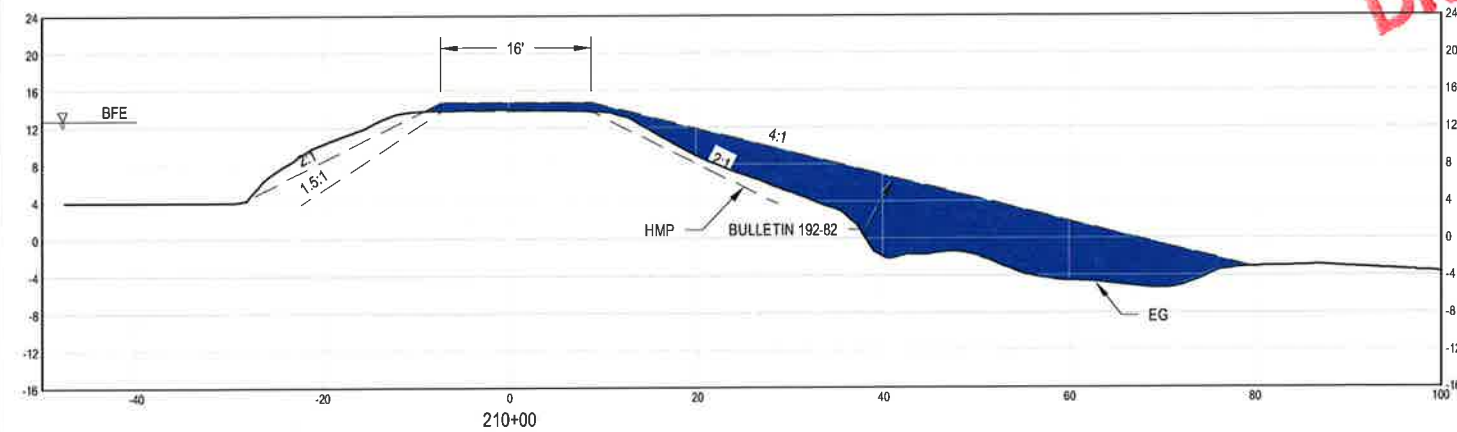
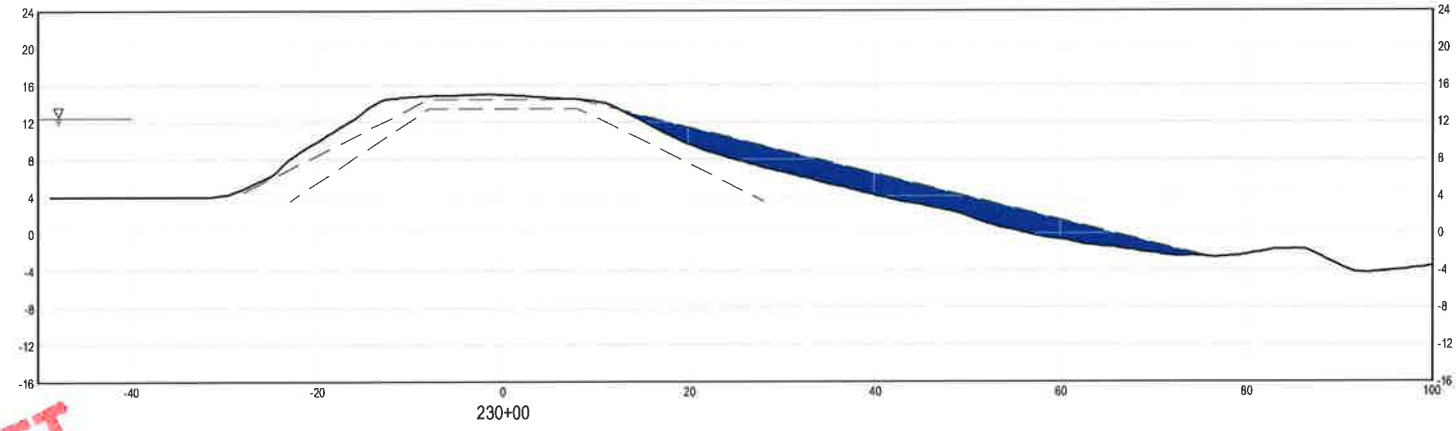
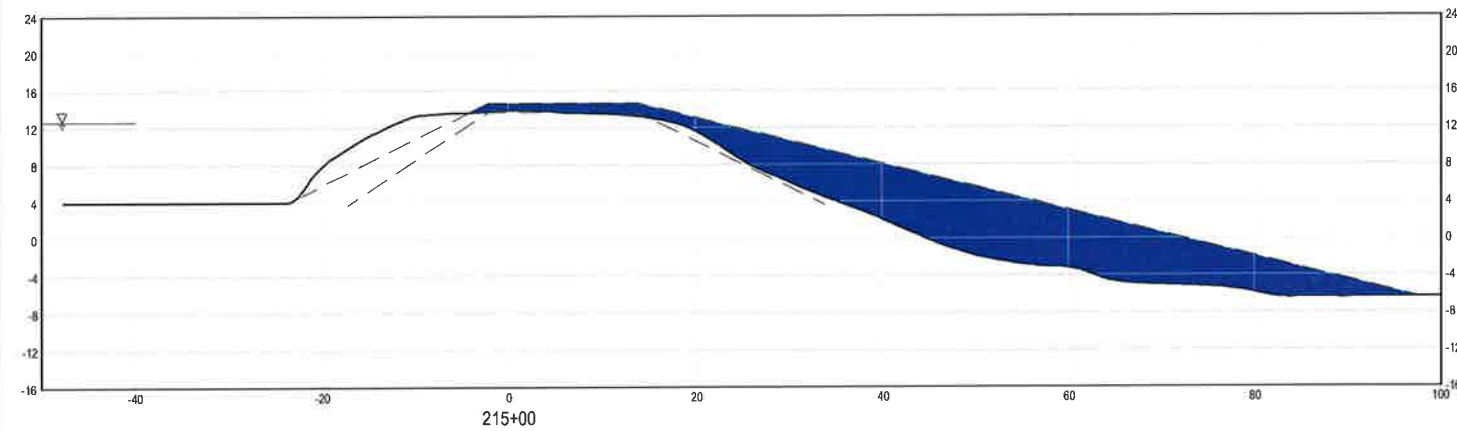
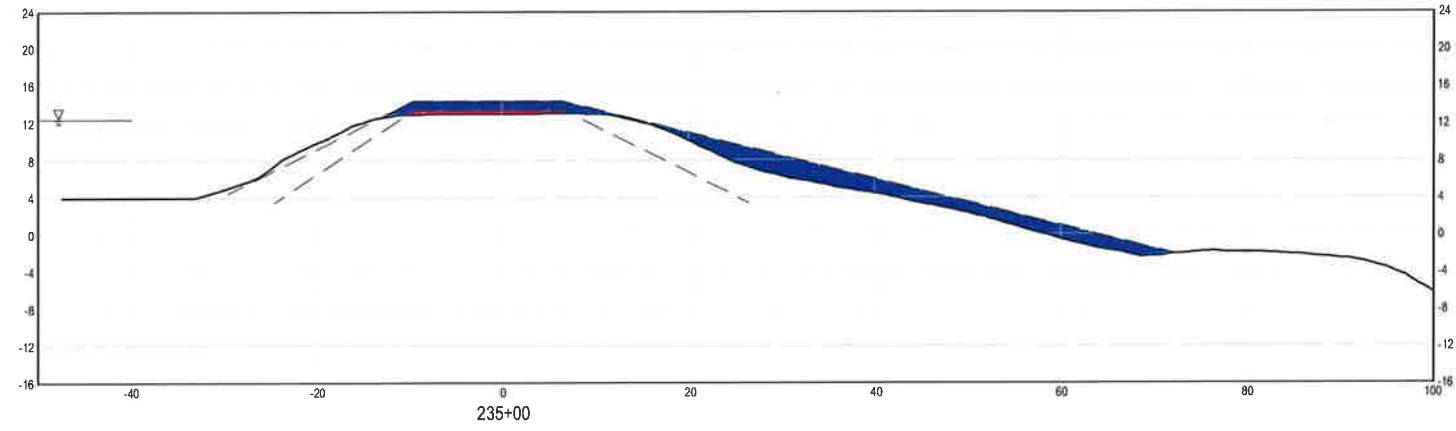
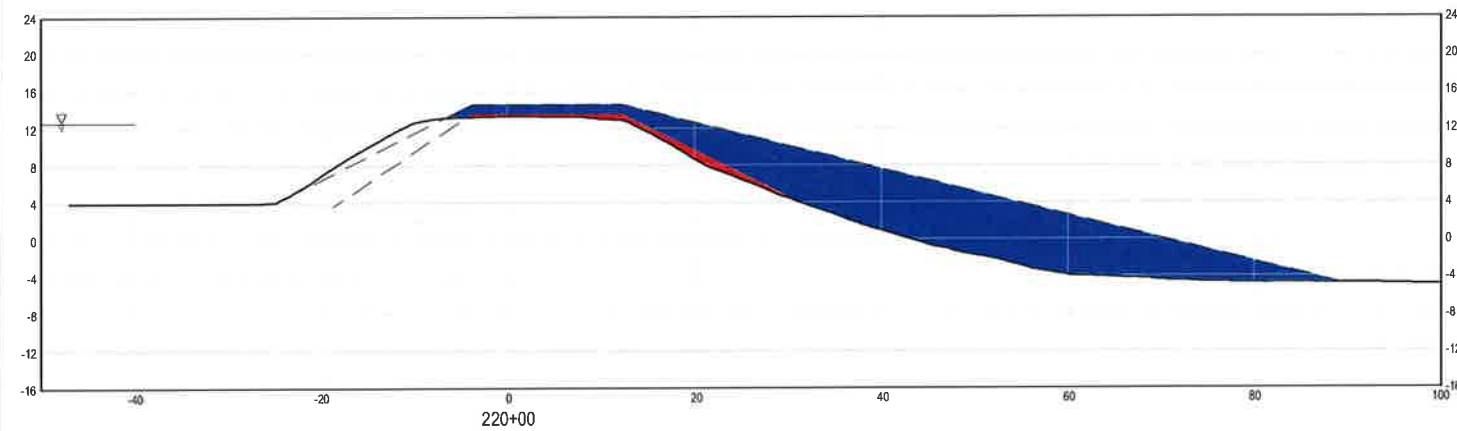
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-307
 SHEET 23 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 180+00 TO STA 210+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:11pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

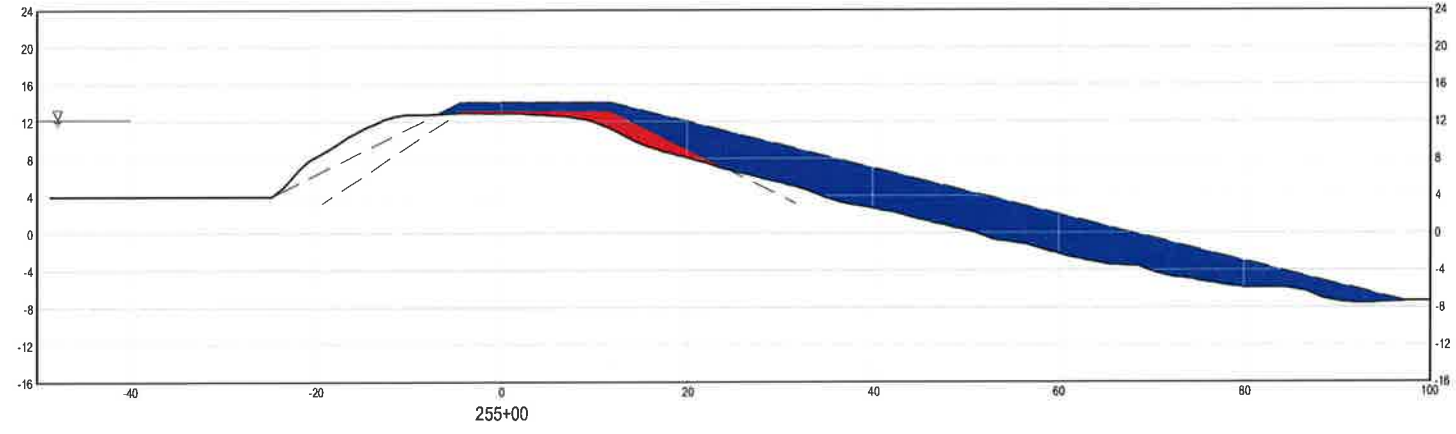
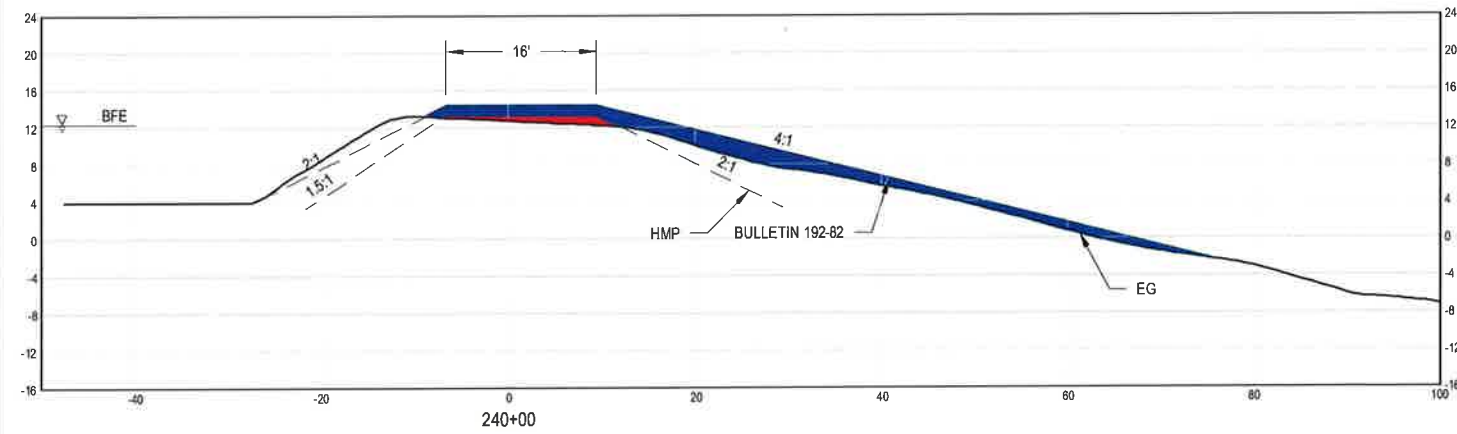
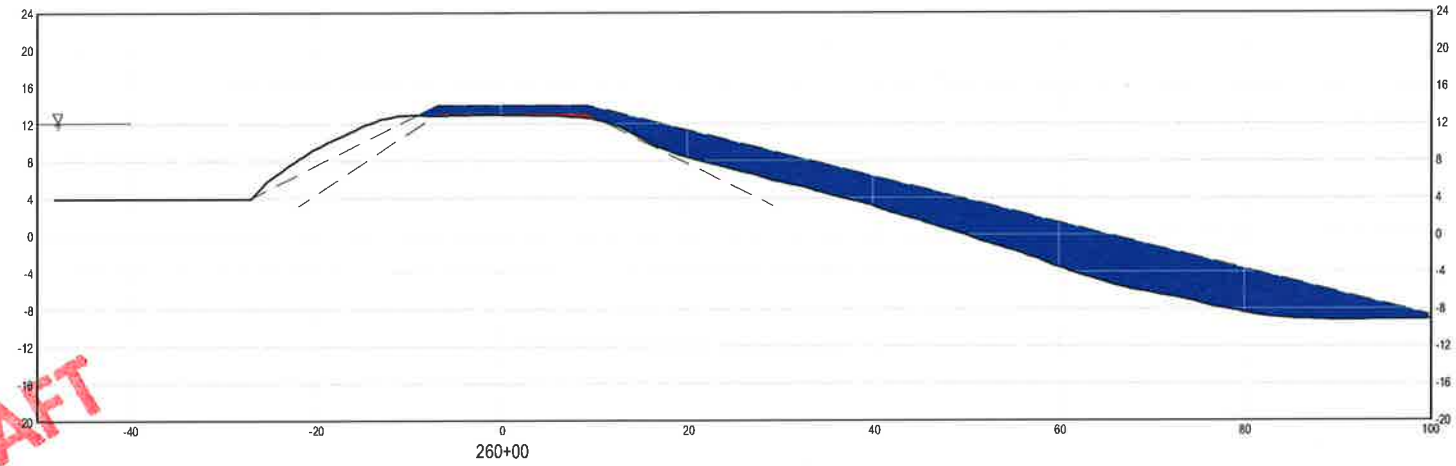
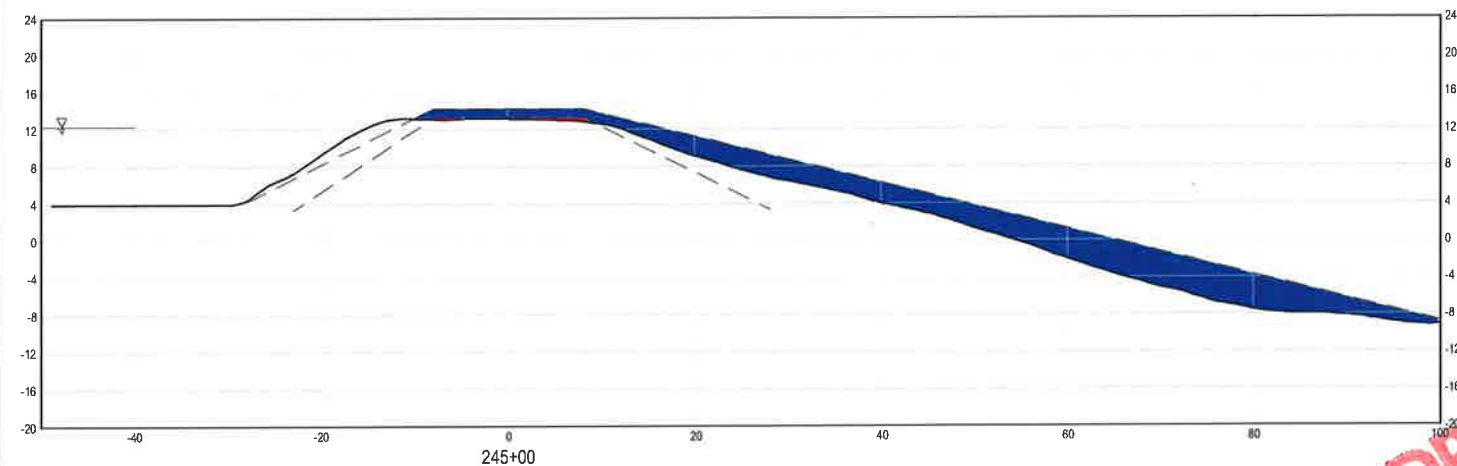
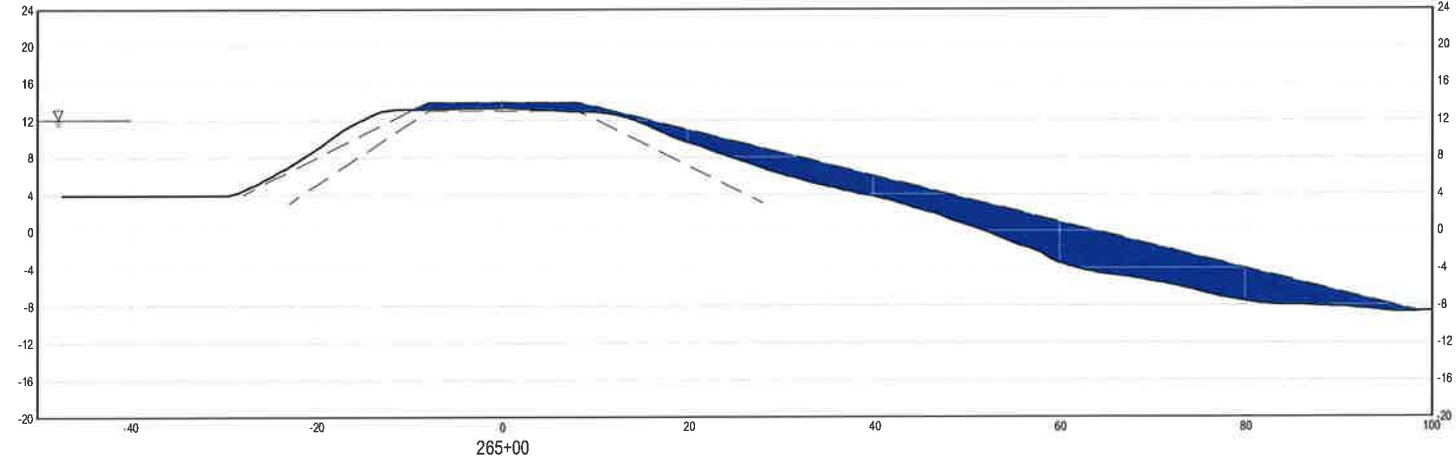
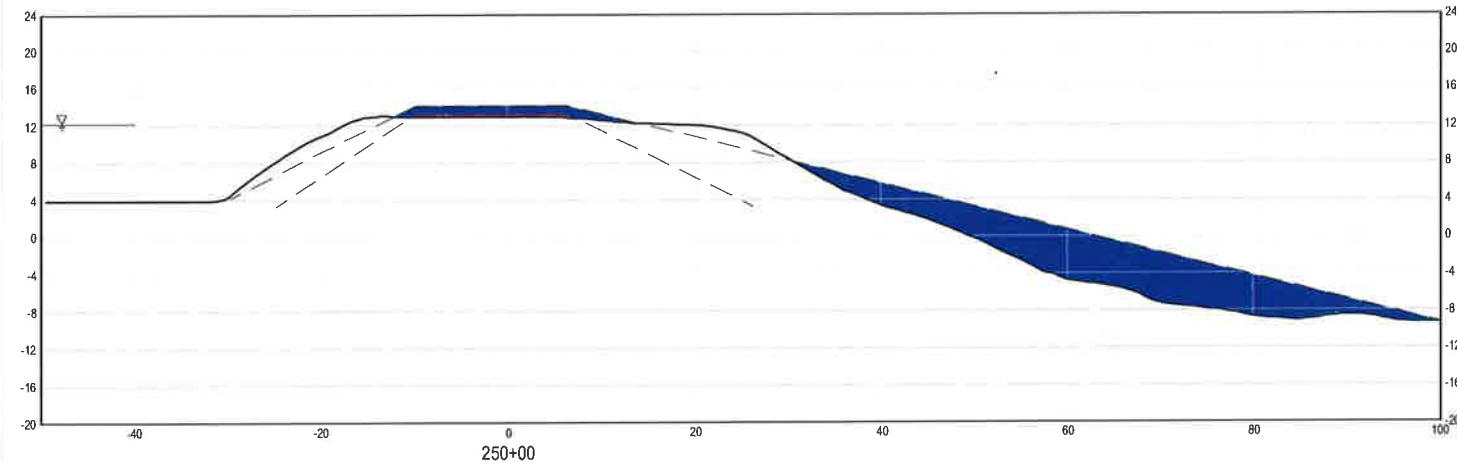
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 210+00 TO STA 240+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-308
 SHEET 24 OF 57
 KSN PROJECT FILE NO.
 0675-1280

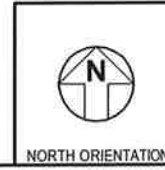
FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:11pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

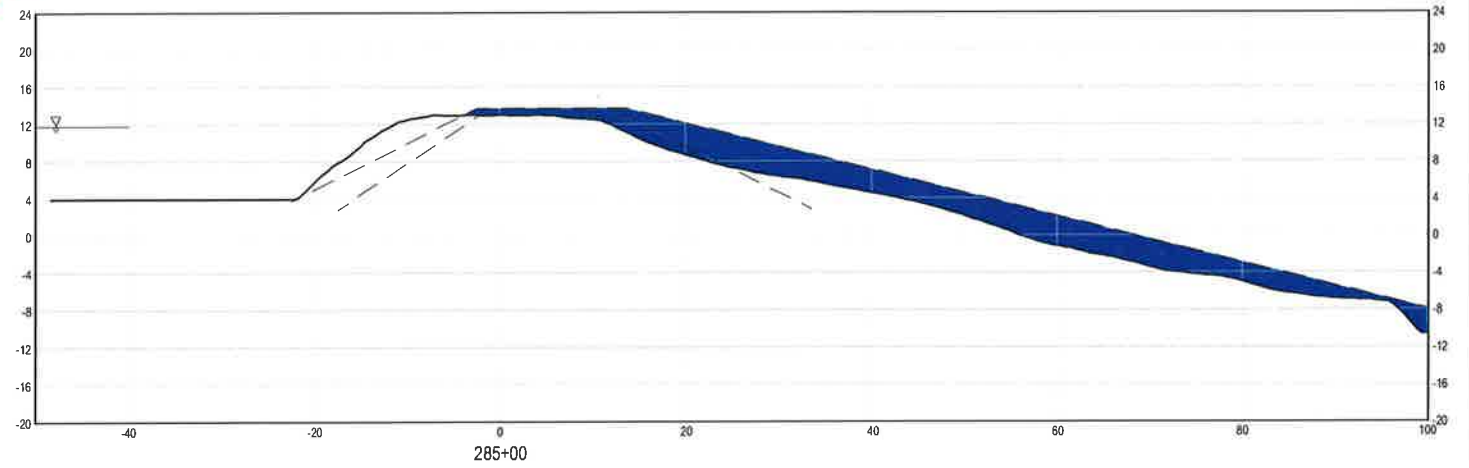
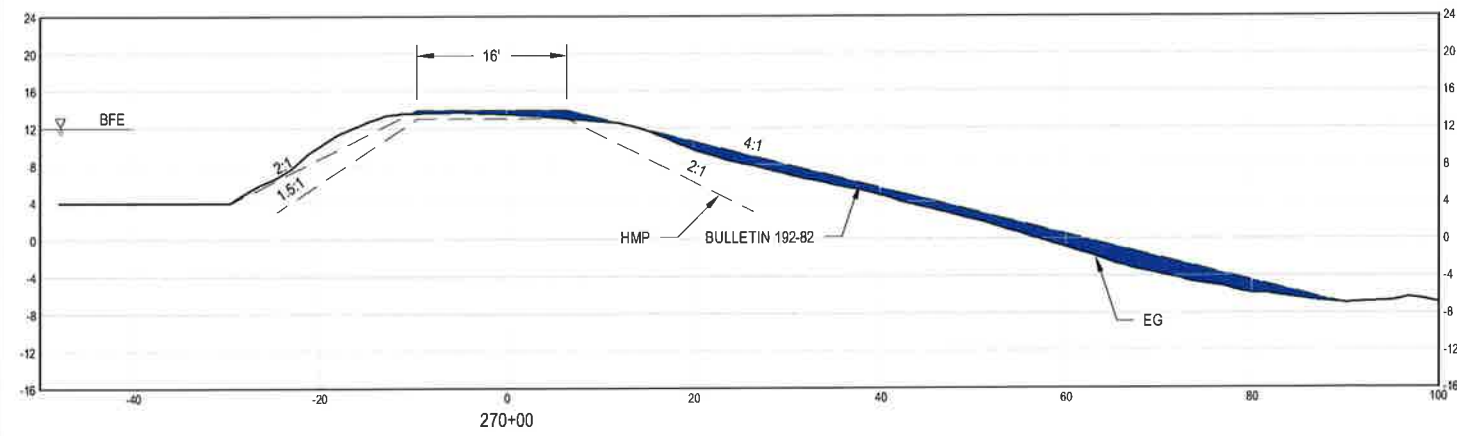
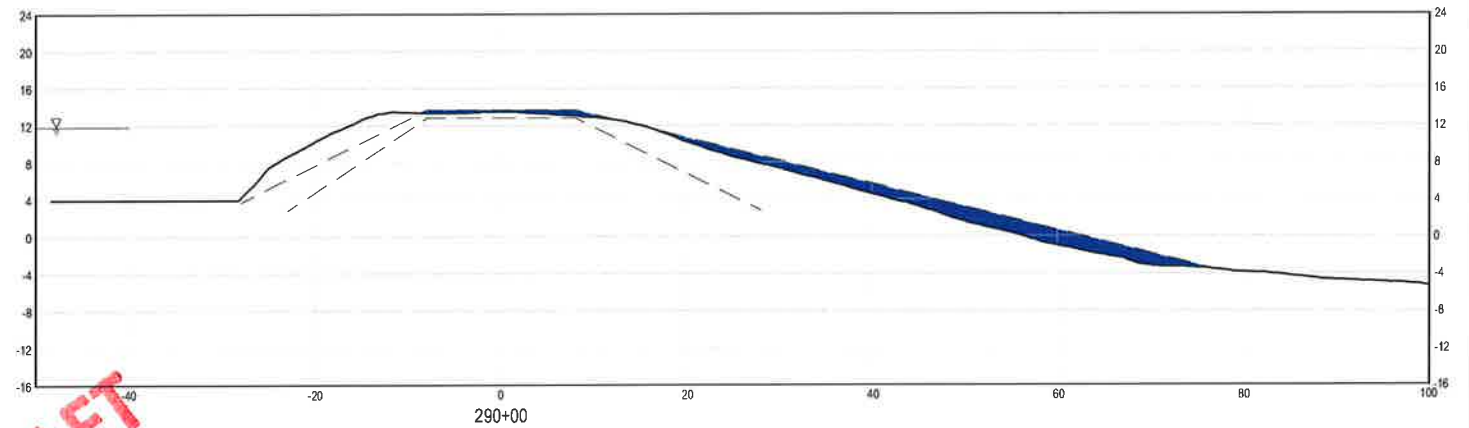
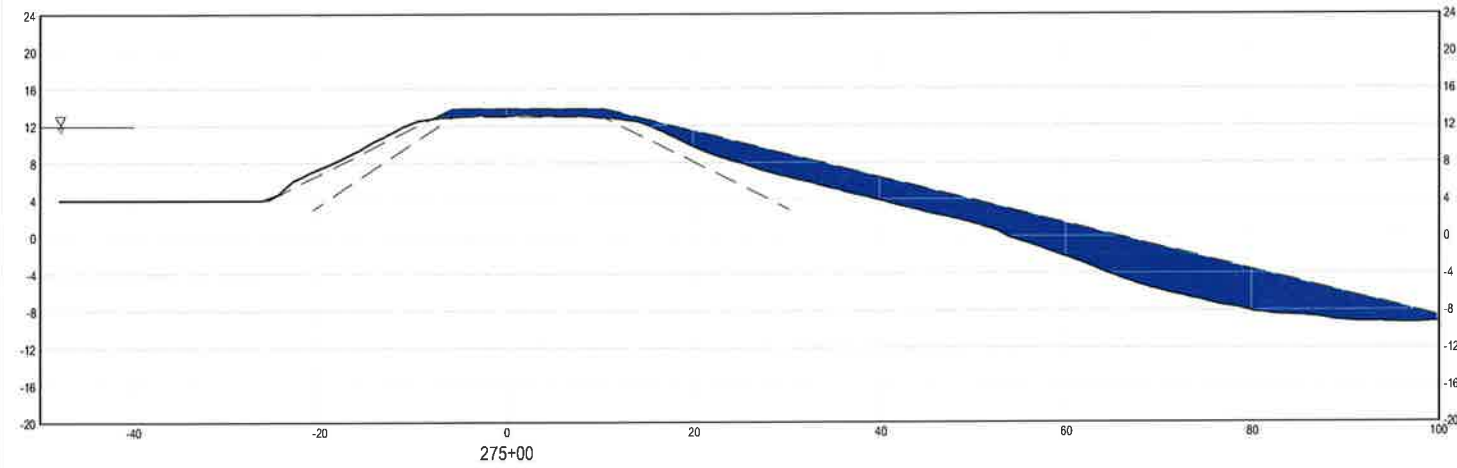
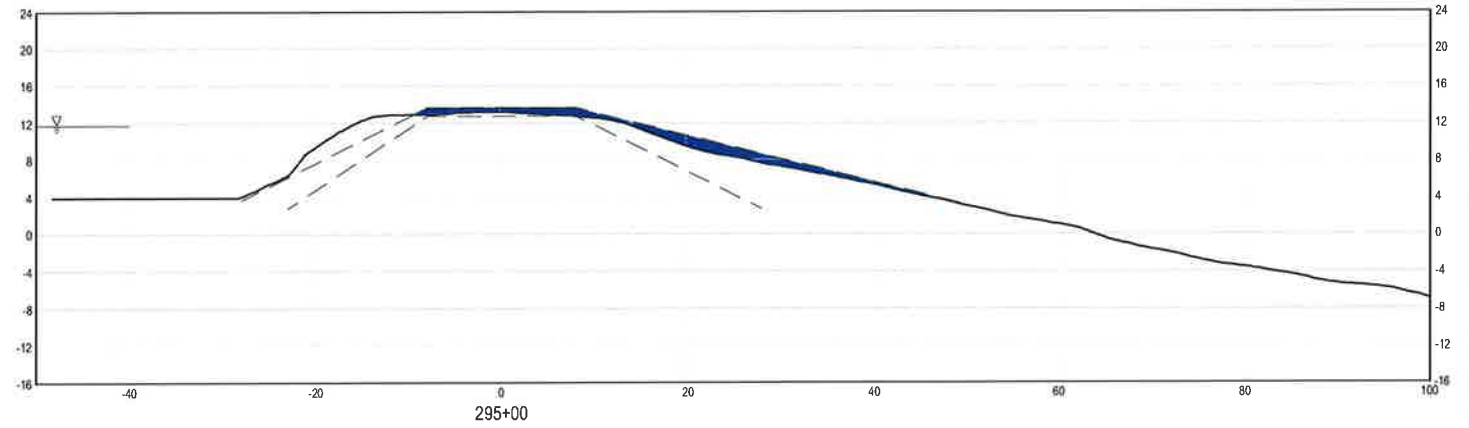
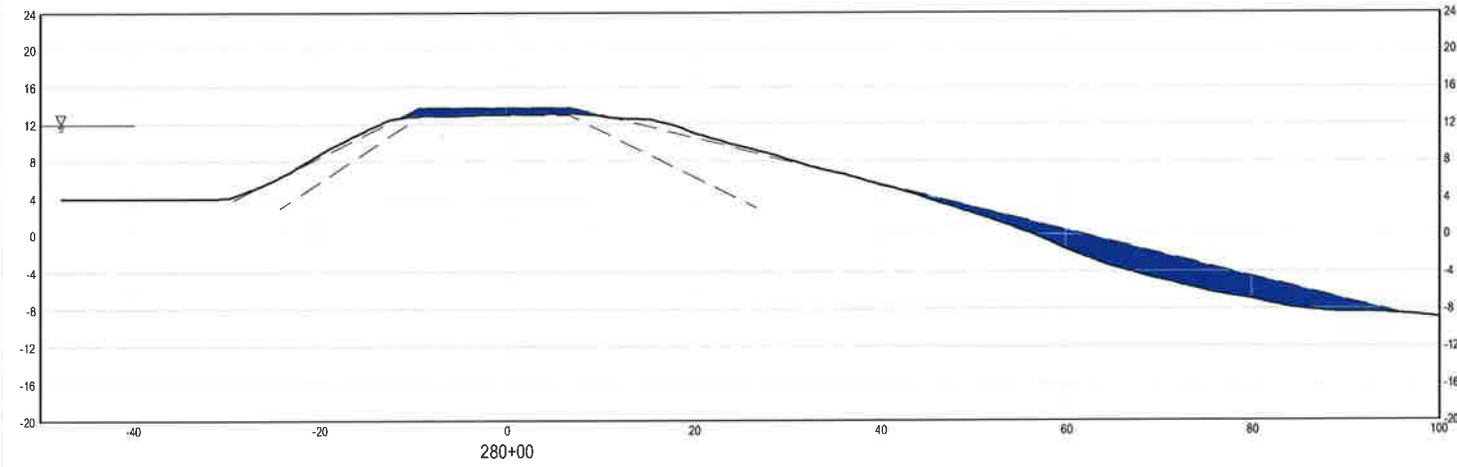
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 Stockton, CA 95203
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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 240+00 TO STA 270+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-309
 SHEET 25 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler_Islona\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:12pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM CCS83, ZONE 2
 VERTICAL DATUM NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 West Sacramento, CA 95691
 916-403-5900

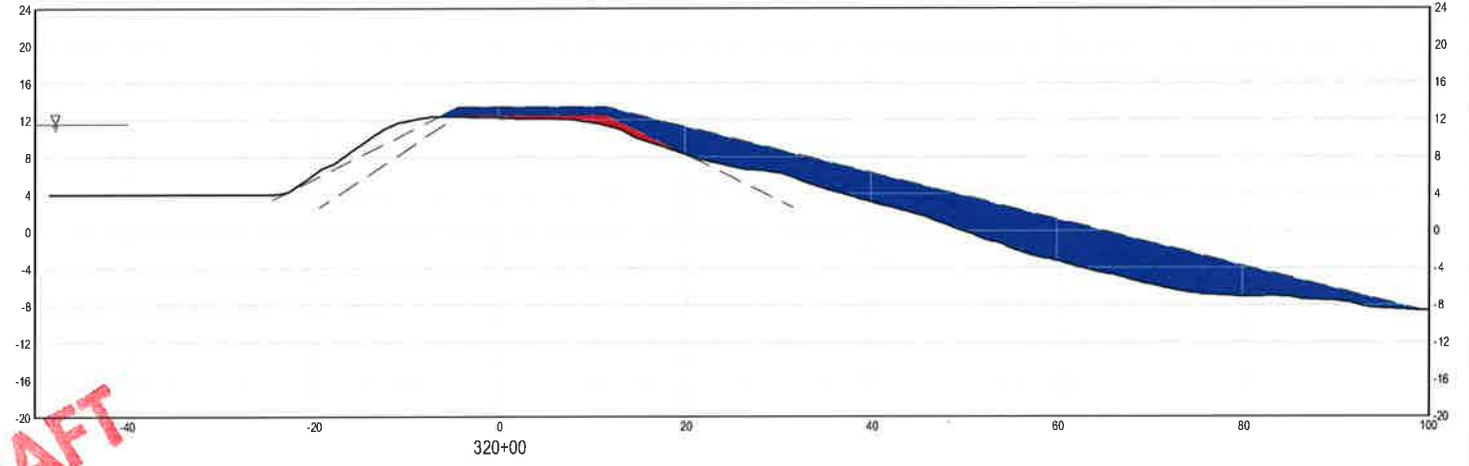
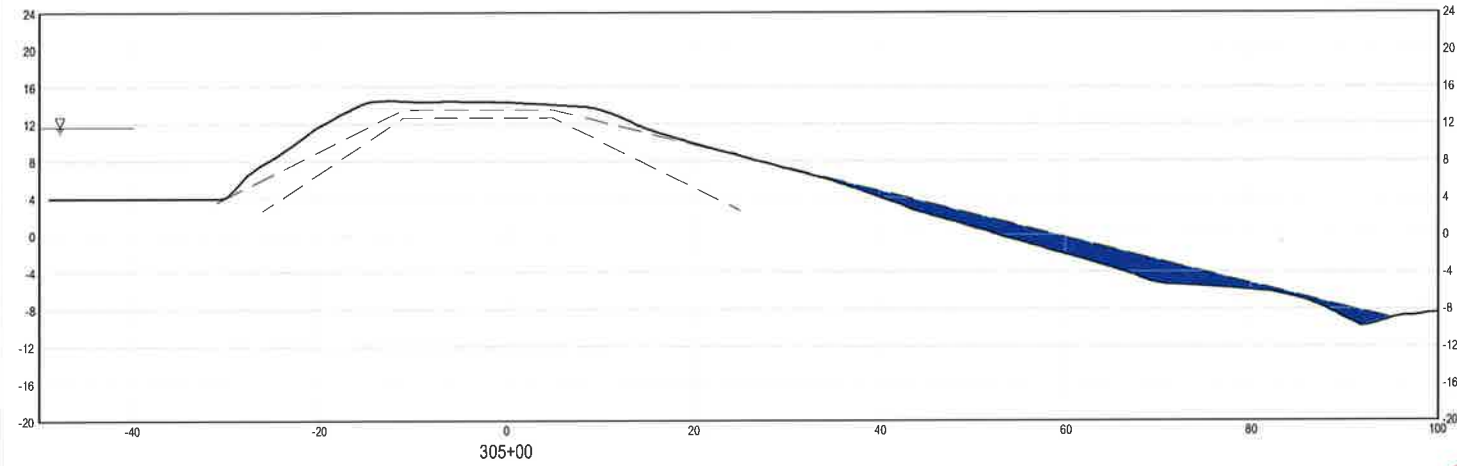
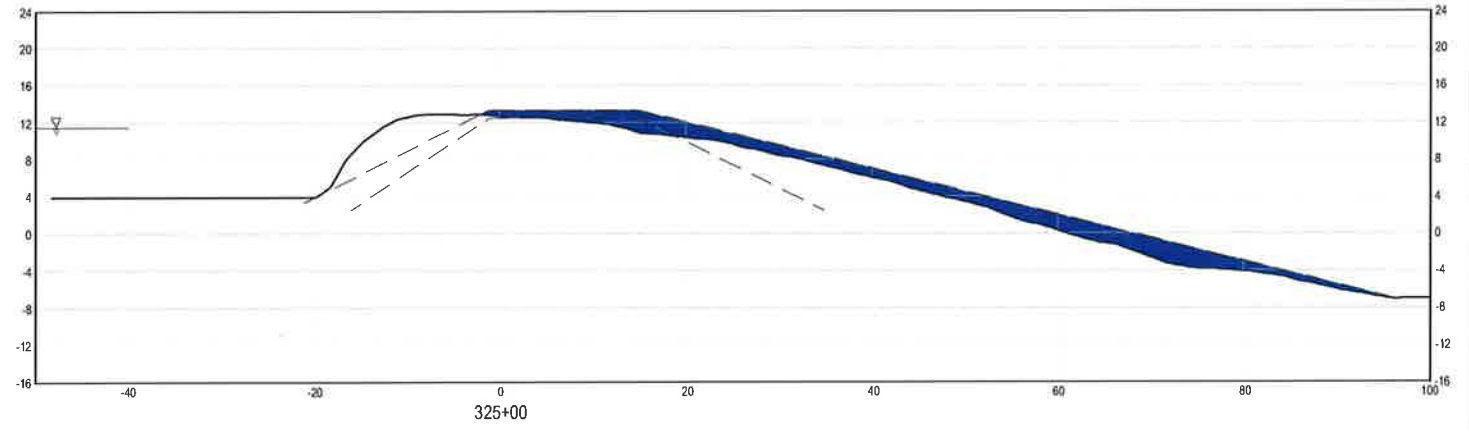
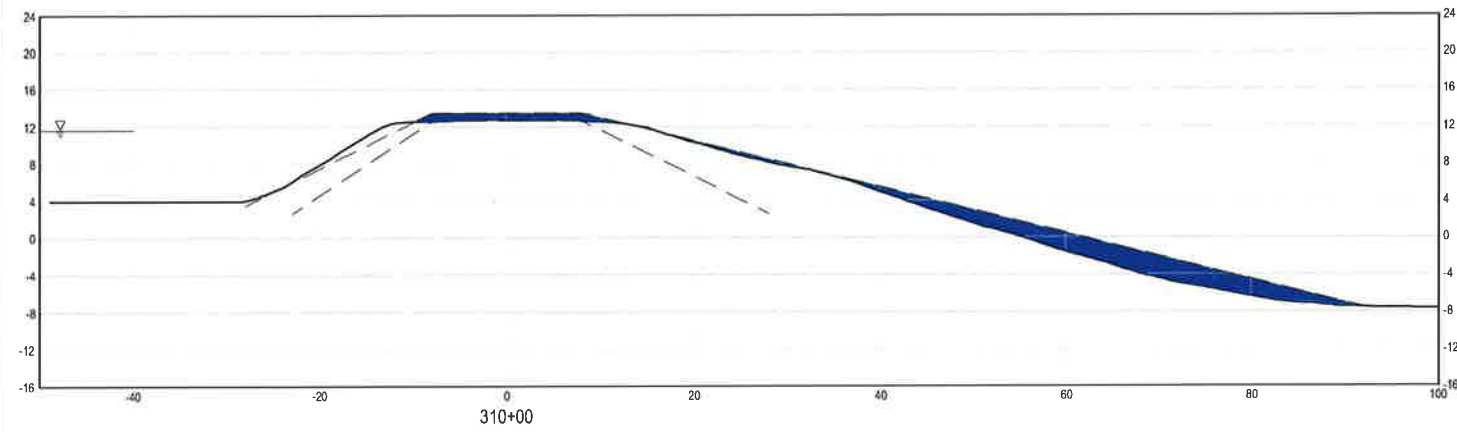
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

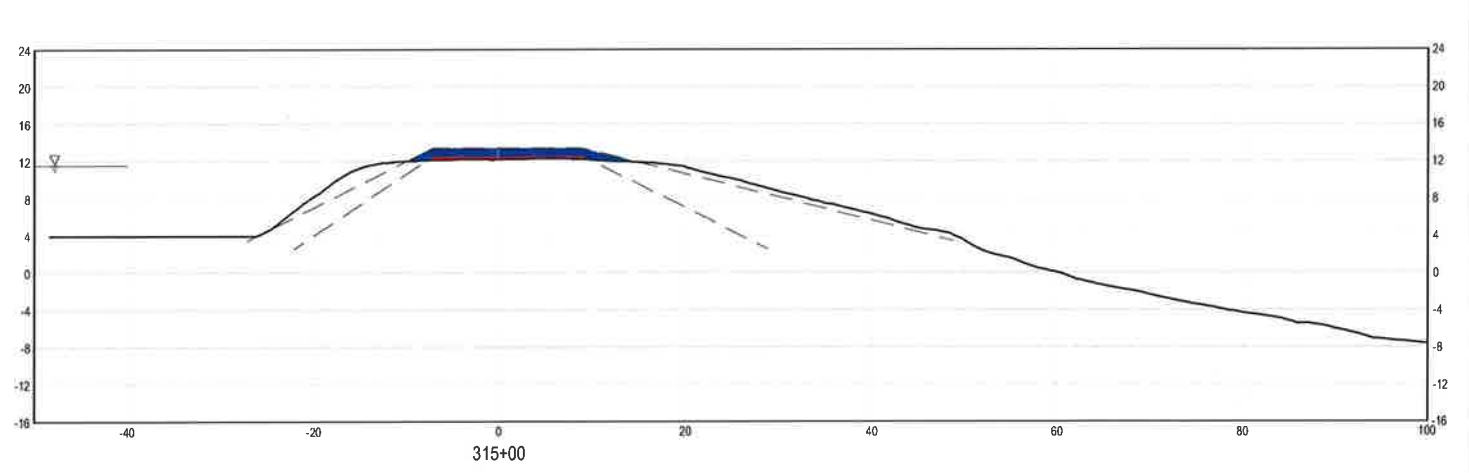
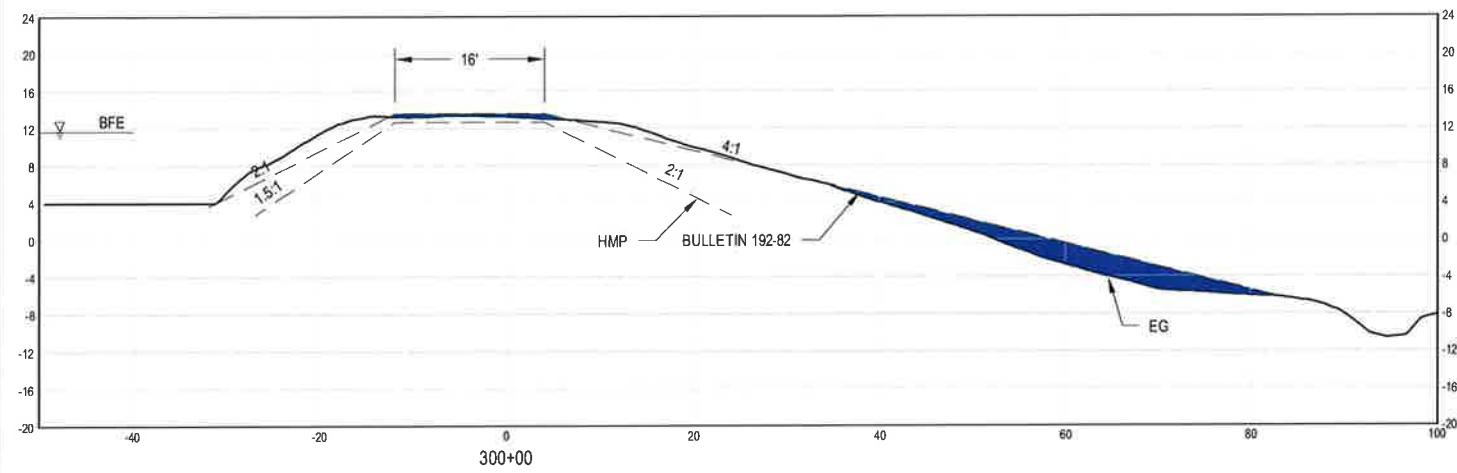
SHEET IDENTIFICATION
V-310
 SHEET 26 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 270+00 TO STA 300+00

FILE SPEC: P:\0675_Tyer_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\4-00_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:12pm

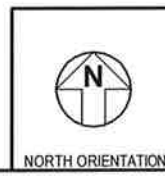


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

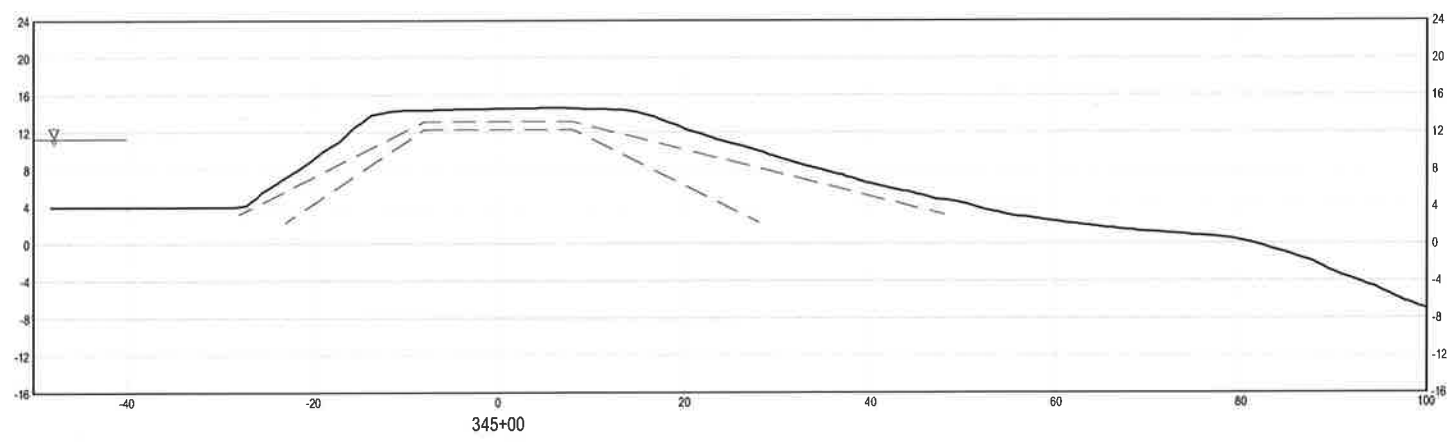
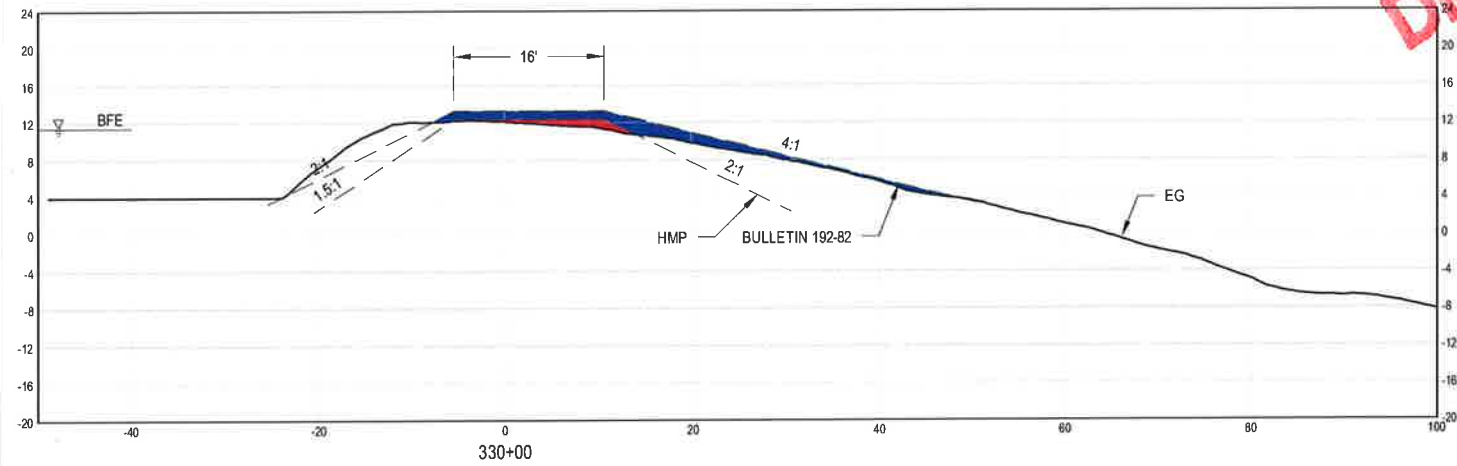
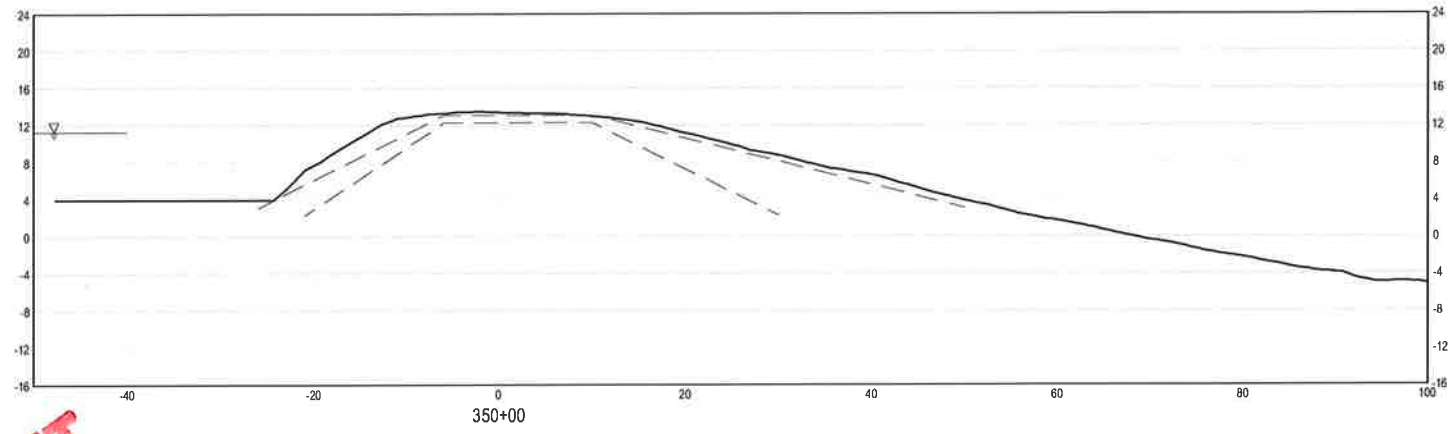
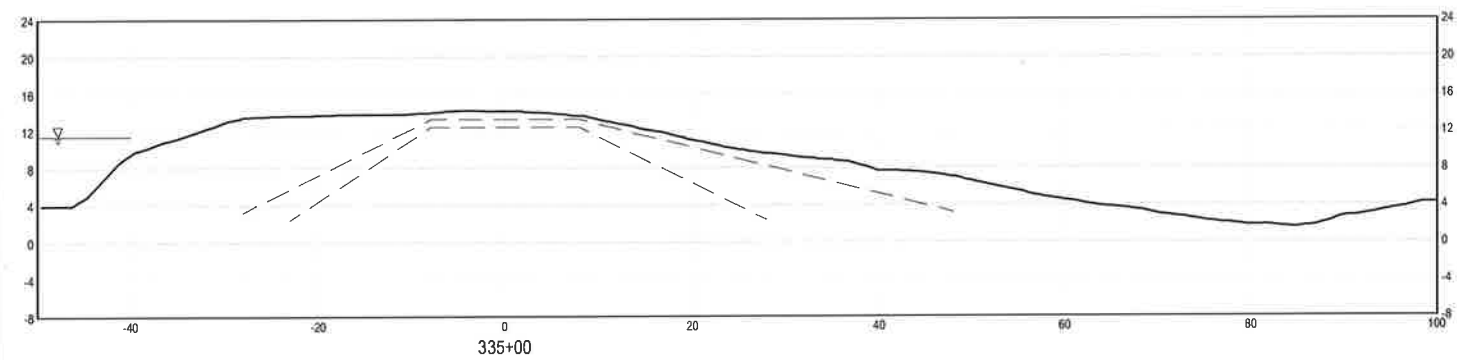
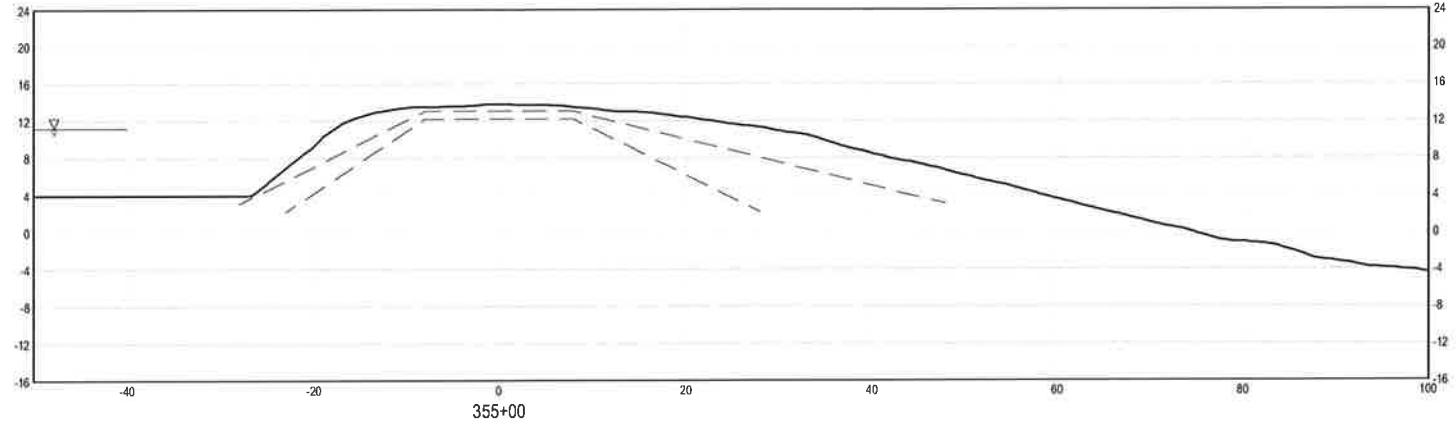
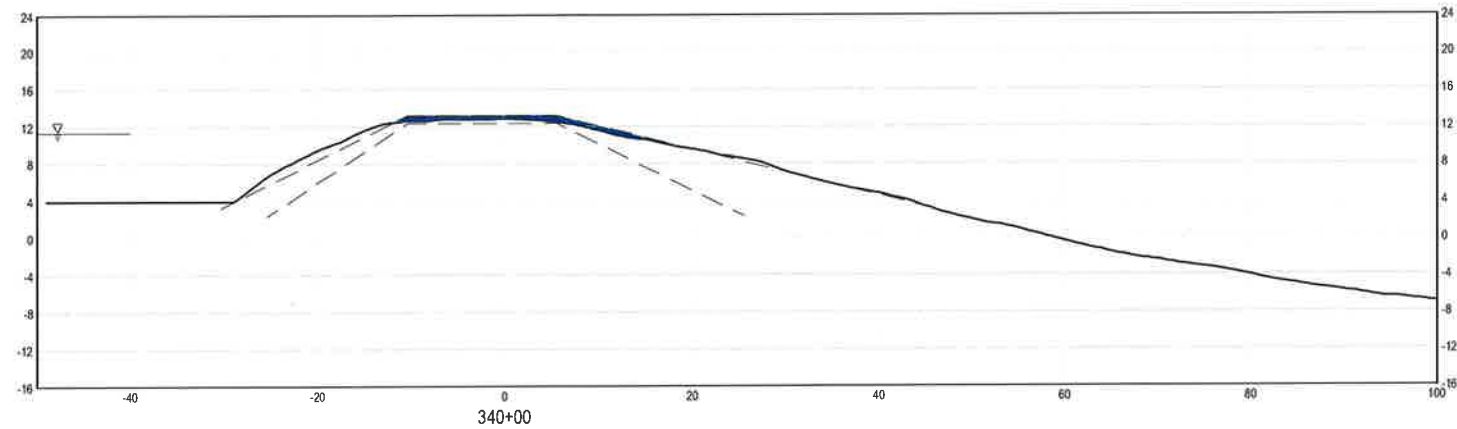
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-311
 SHEET 27 OF 57
 KSN PROJECT FILE NO.
 0675-1290

SECTIONS
 STA 300+00 TO STA 330+00

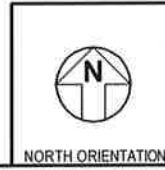
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 PLOT DATE: Aug 12, 2019 - 2:13pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
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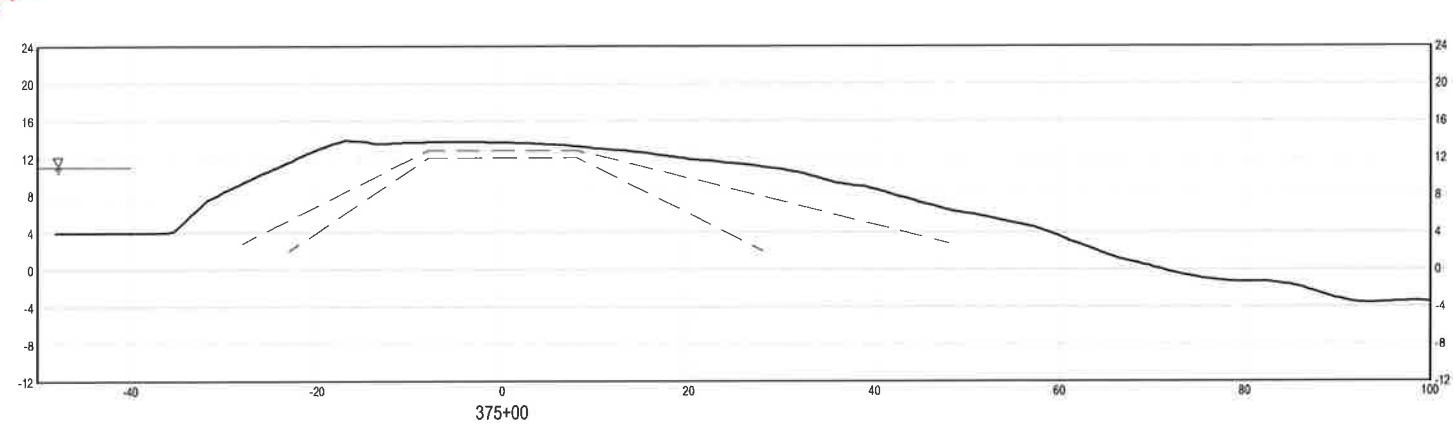
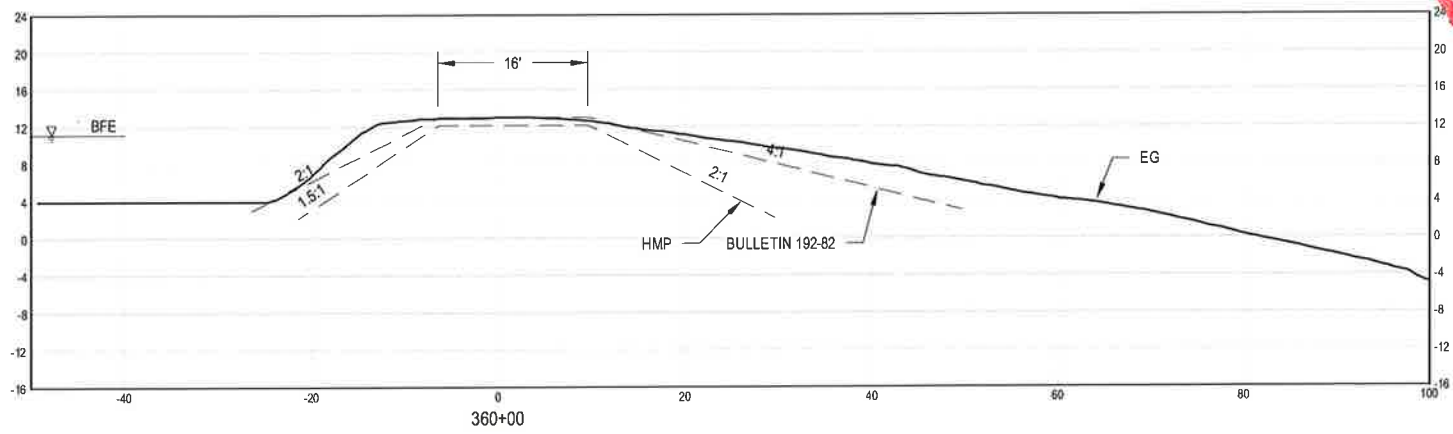
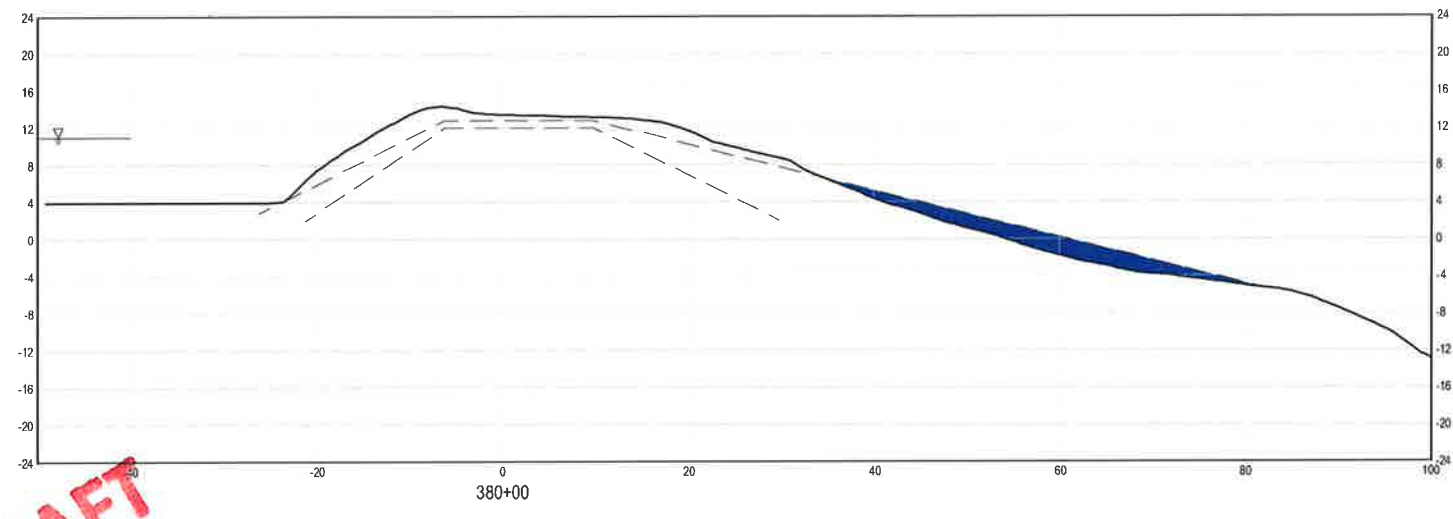
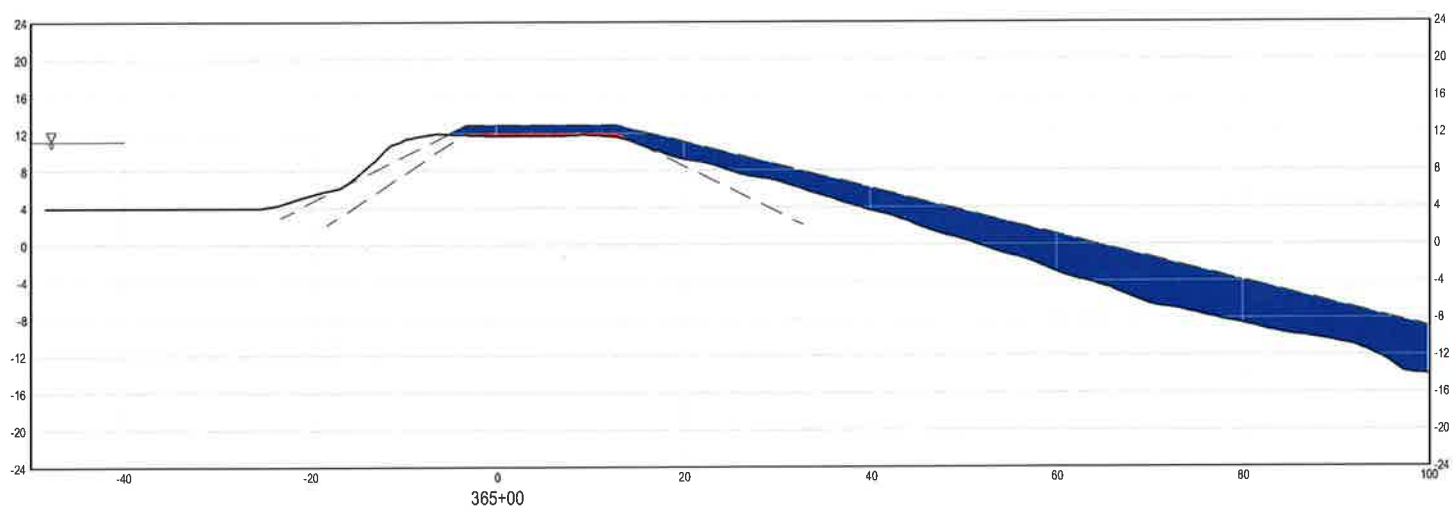
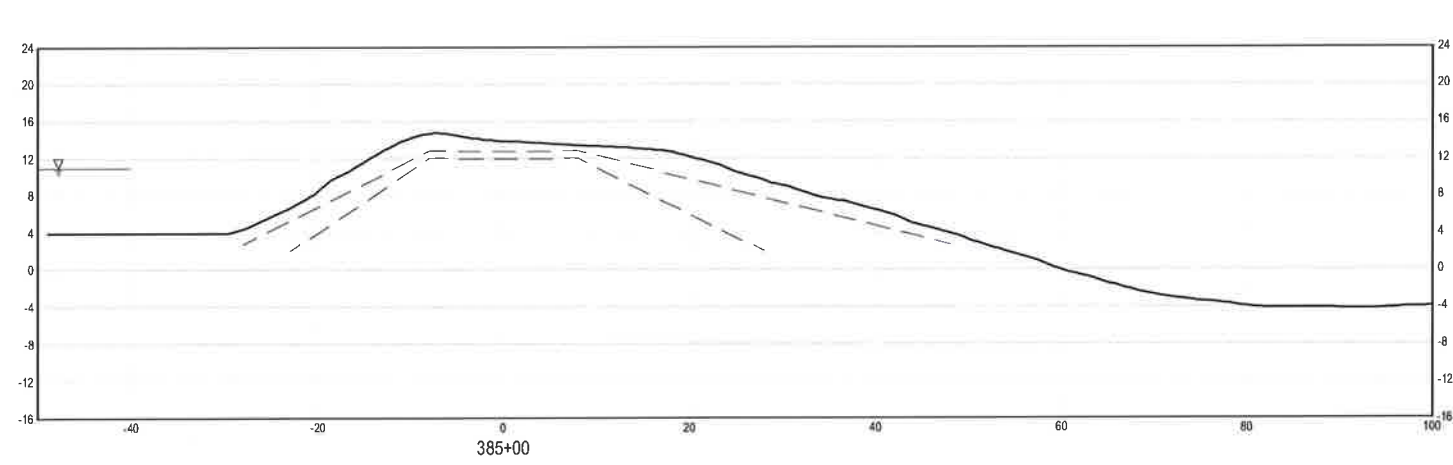
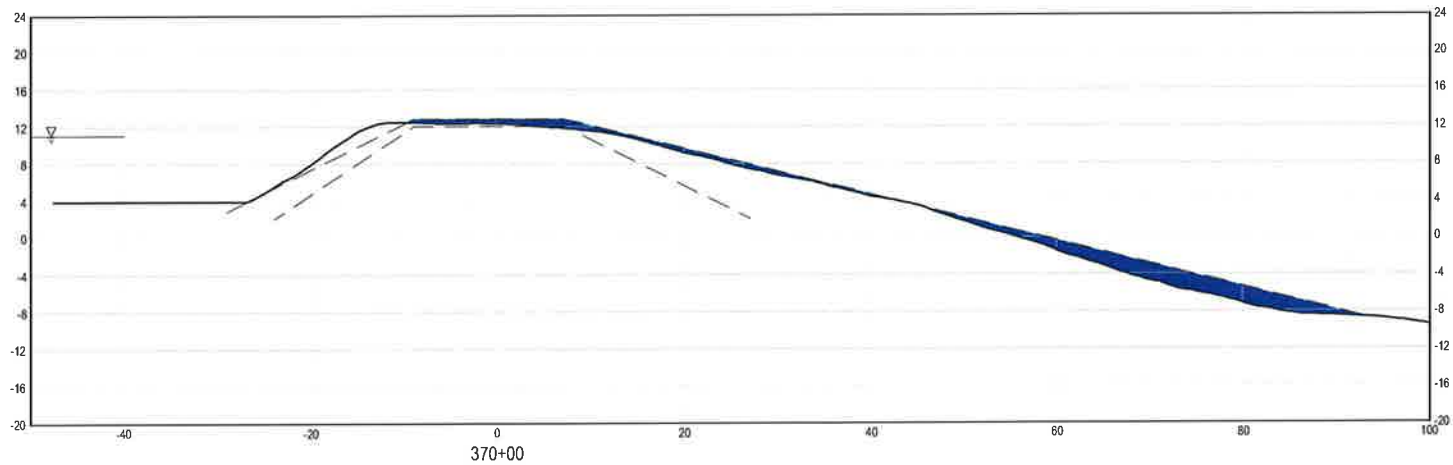
KSN inc.
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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-312
 SHEET 28 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 330+00 TO STA 360+00

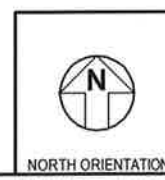
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 PLOT DATE: Aug 12, 2019 - 2:13pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

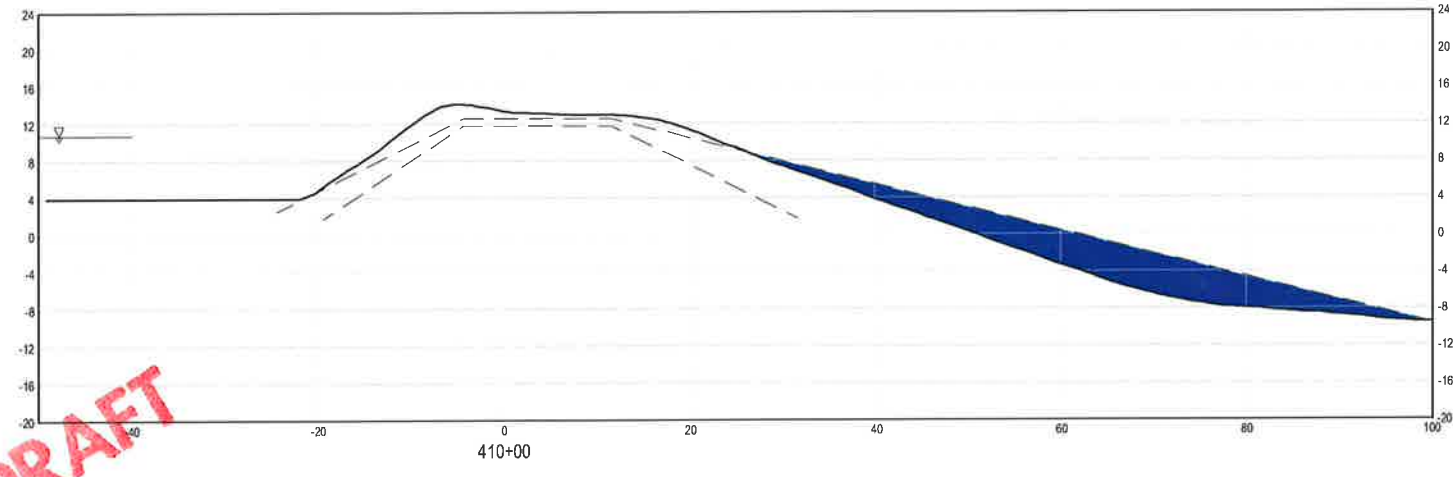
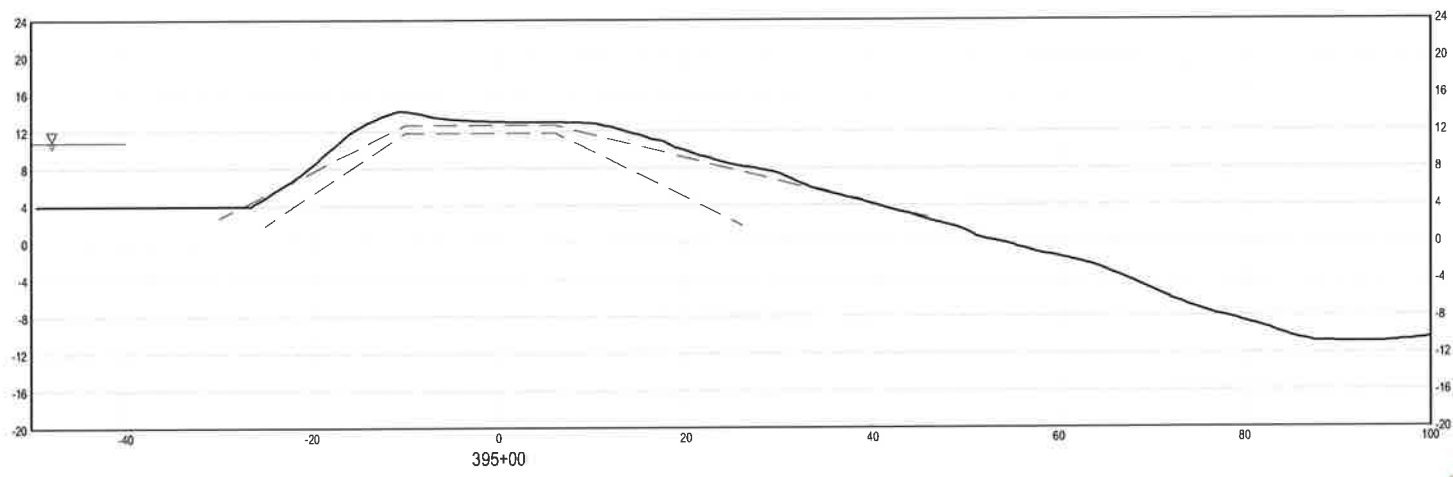
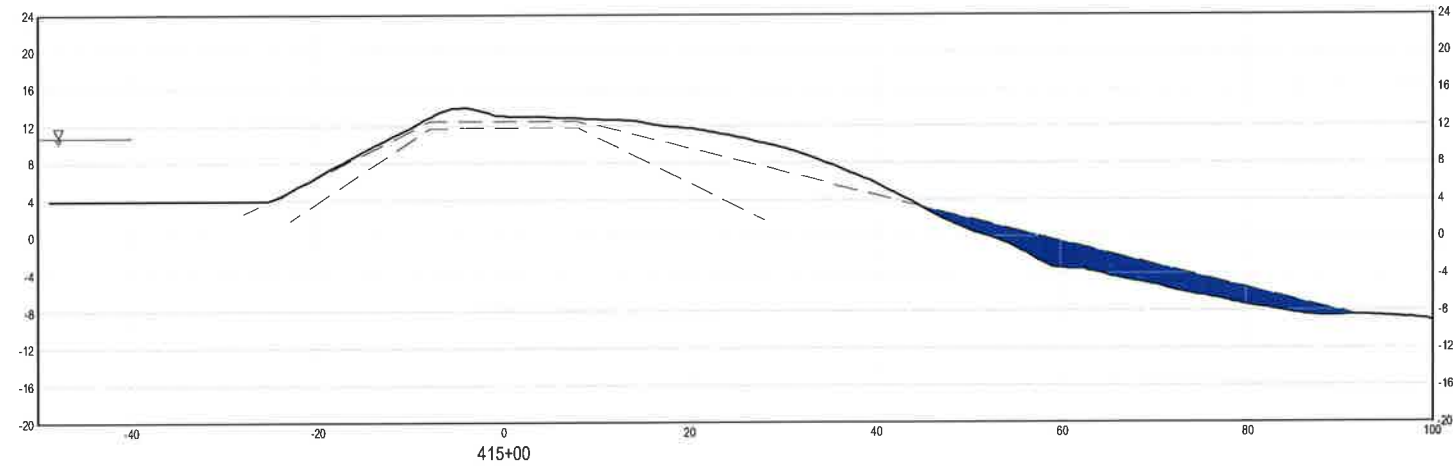
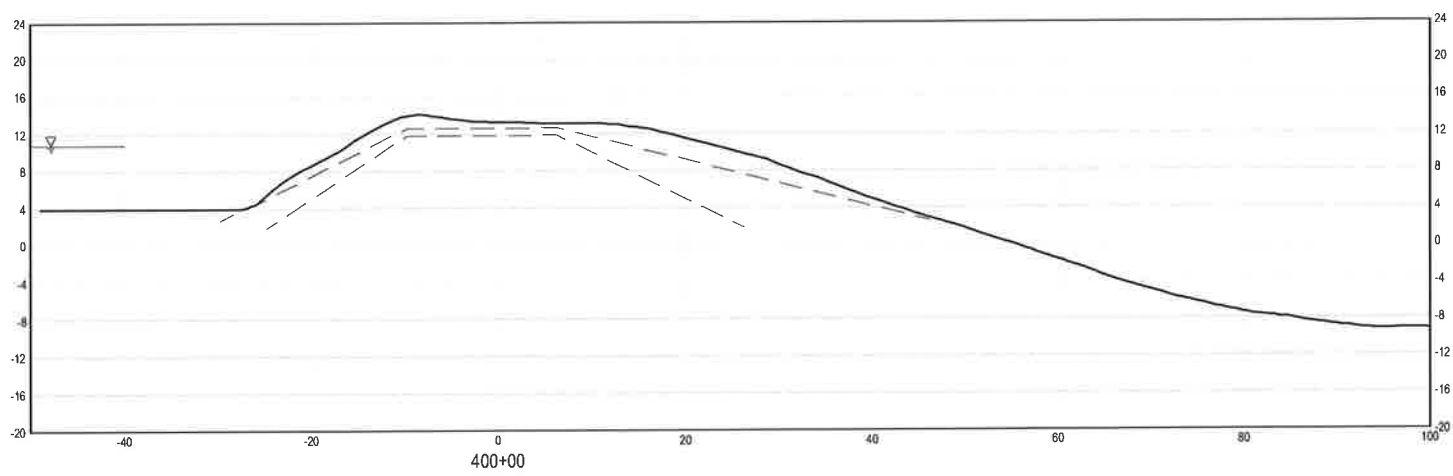
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 West Sacramento, CA 95691
 916-403-5900

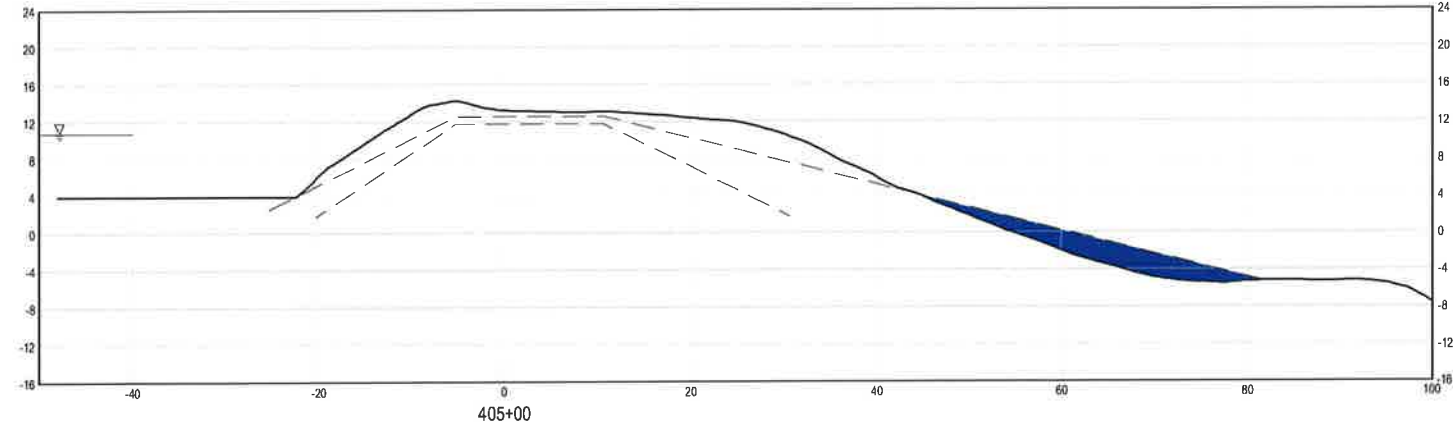
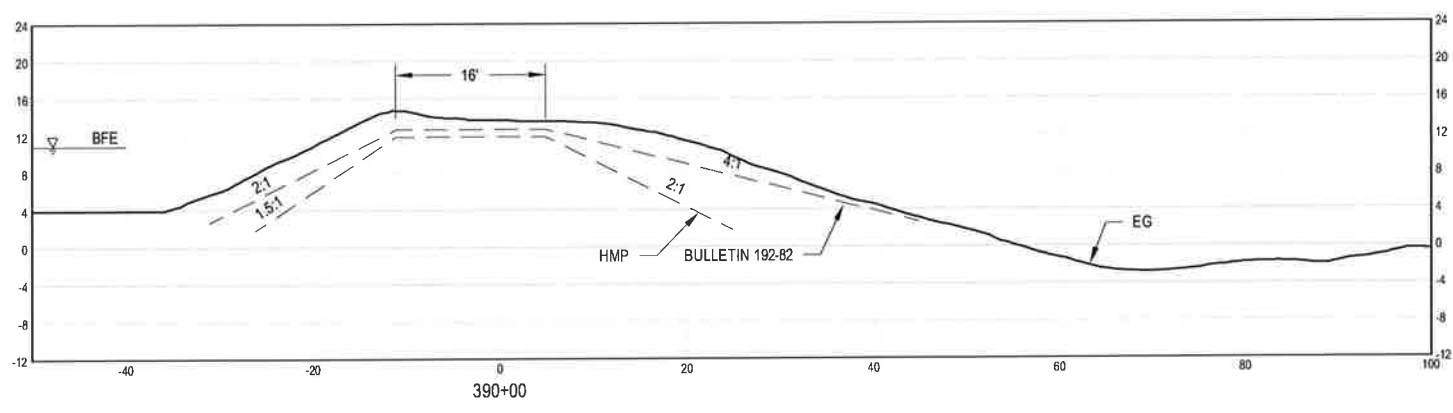
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 360+00 TO STA 390+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-313
 SHEET 29 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:14pm

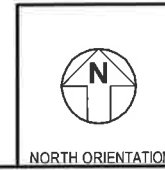


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

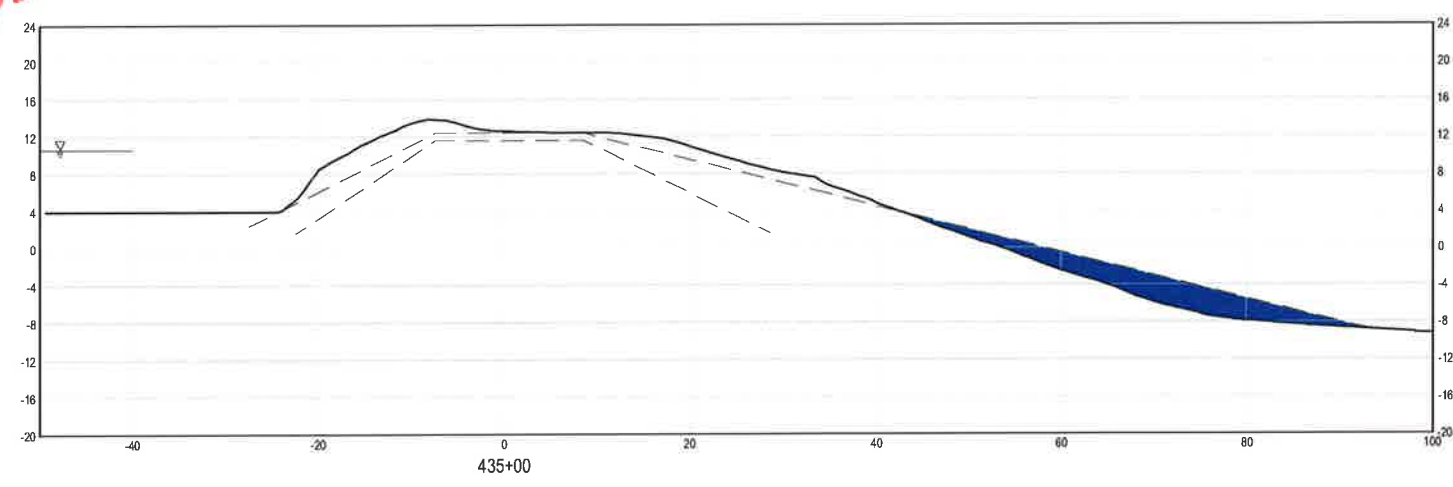
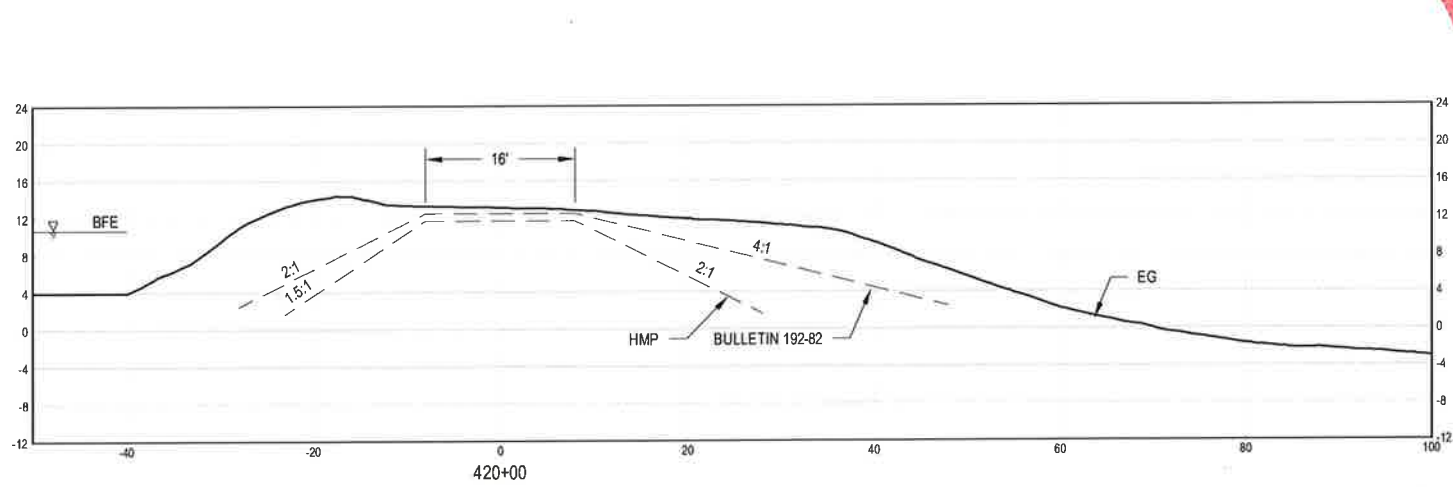
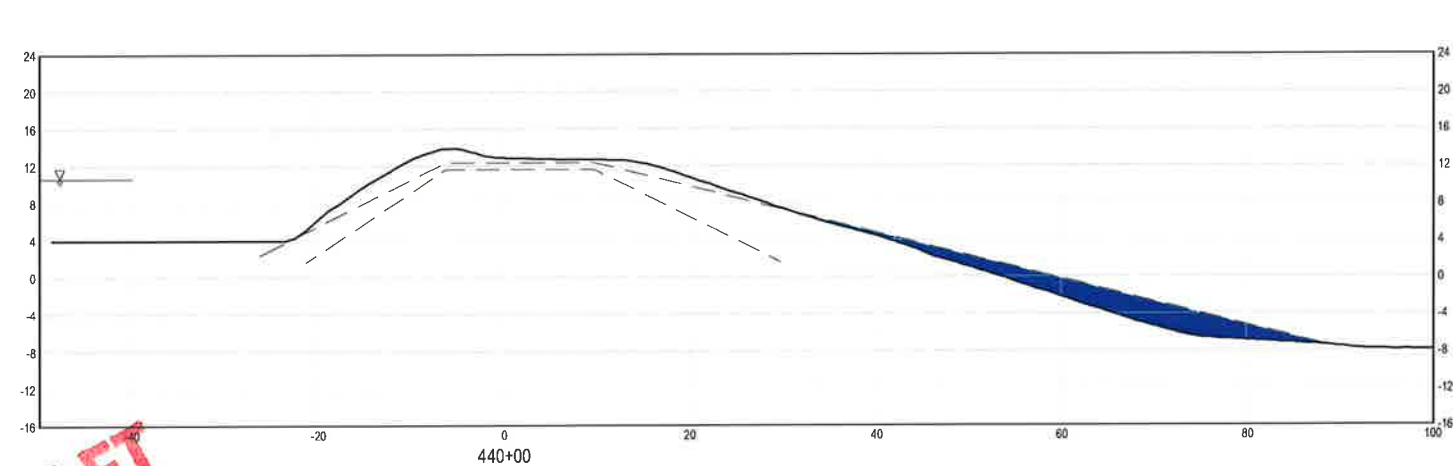
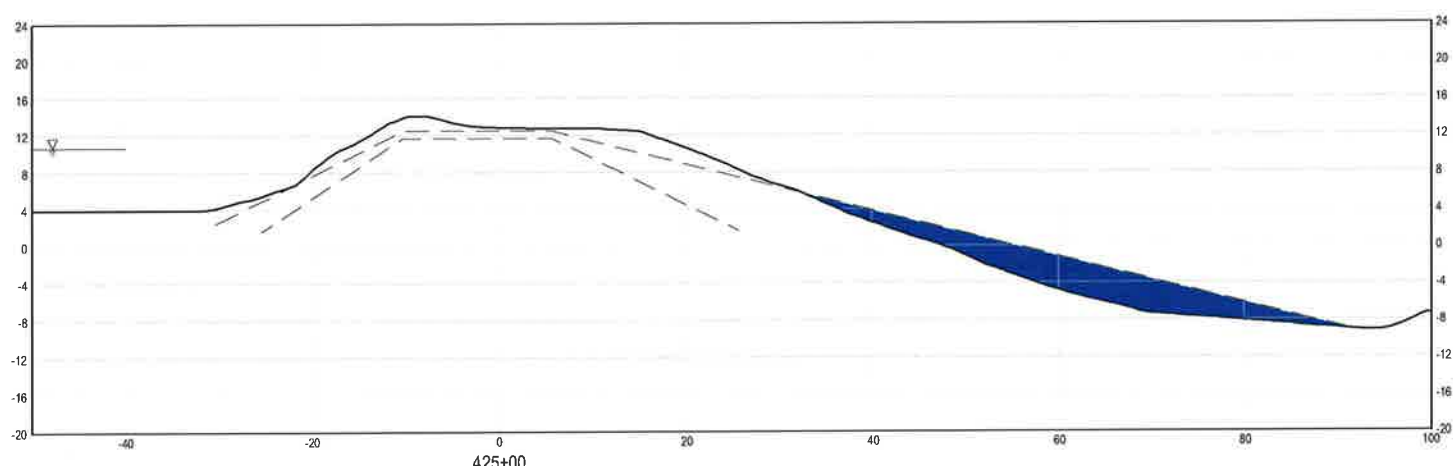
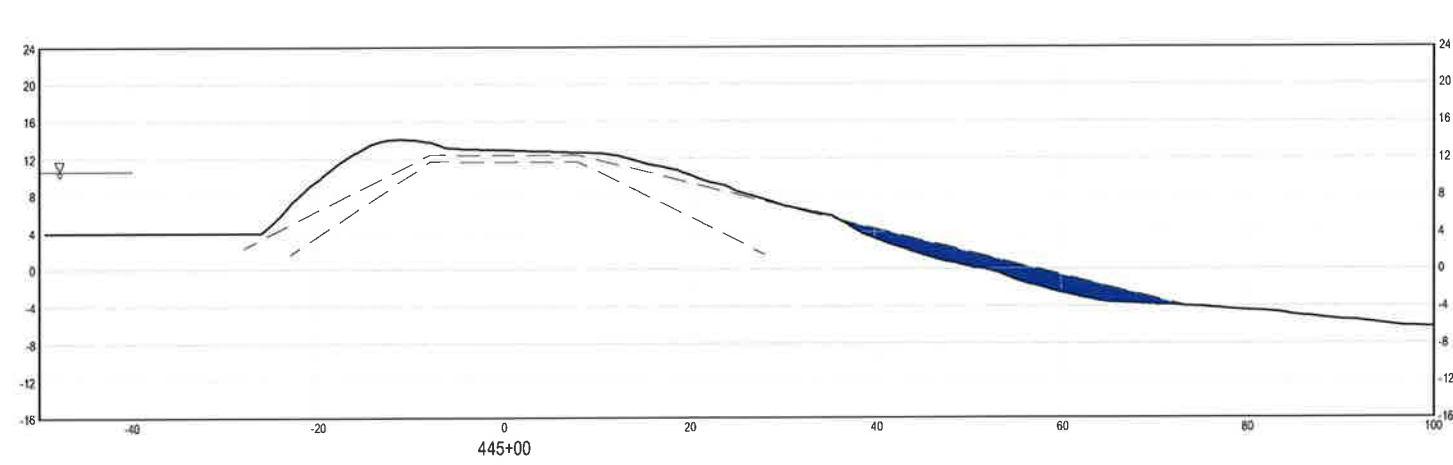
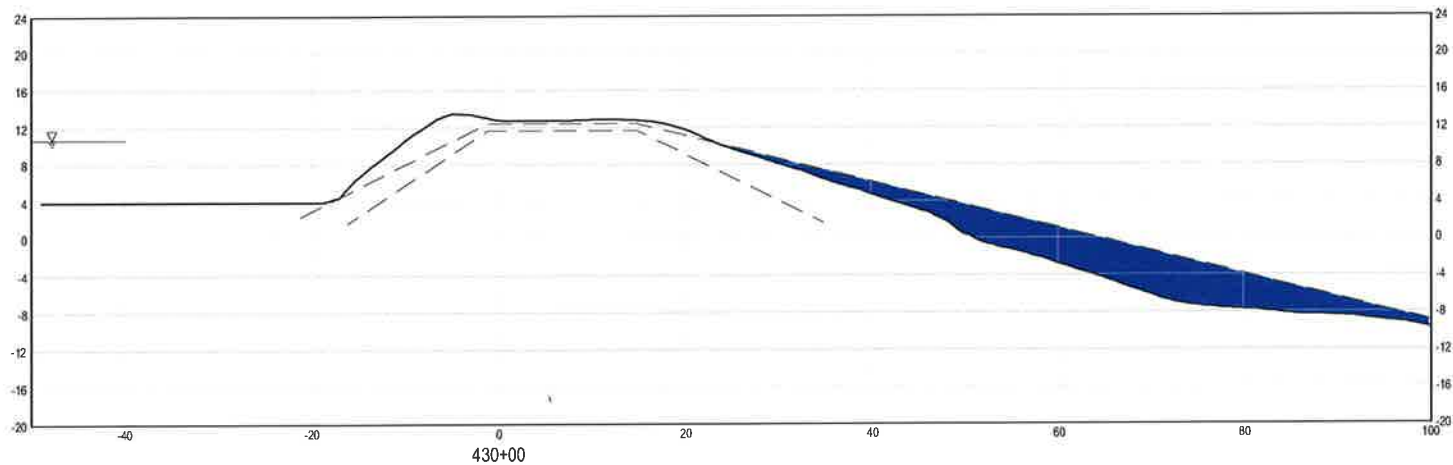
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 West Sacramento, CA 95691
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 390+00 TO STA 420+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-314
 SHEET 30 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_T\er_Island\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD\Streets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:14pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

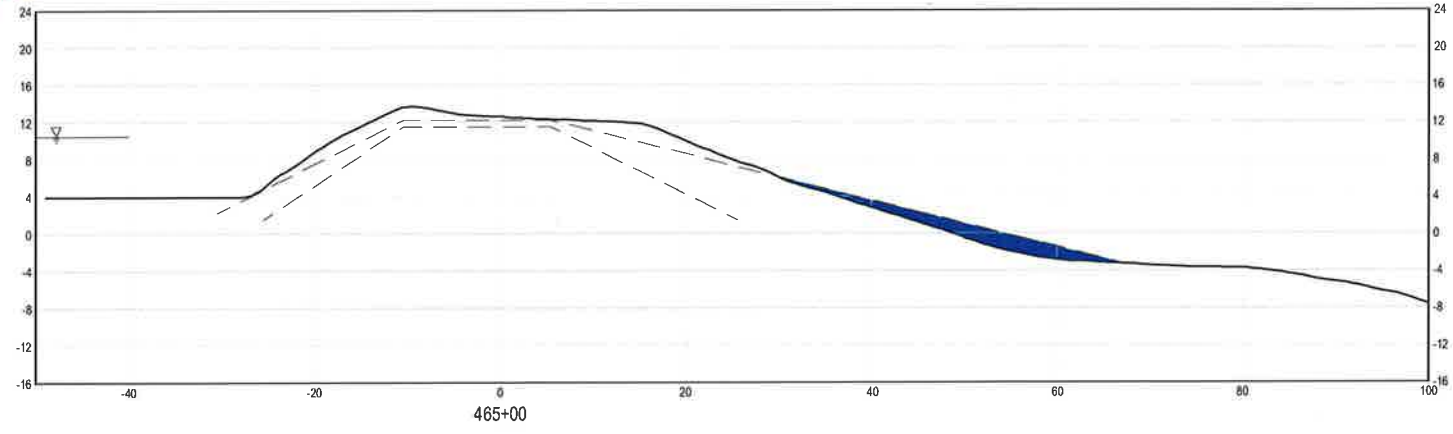
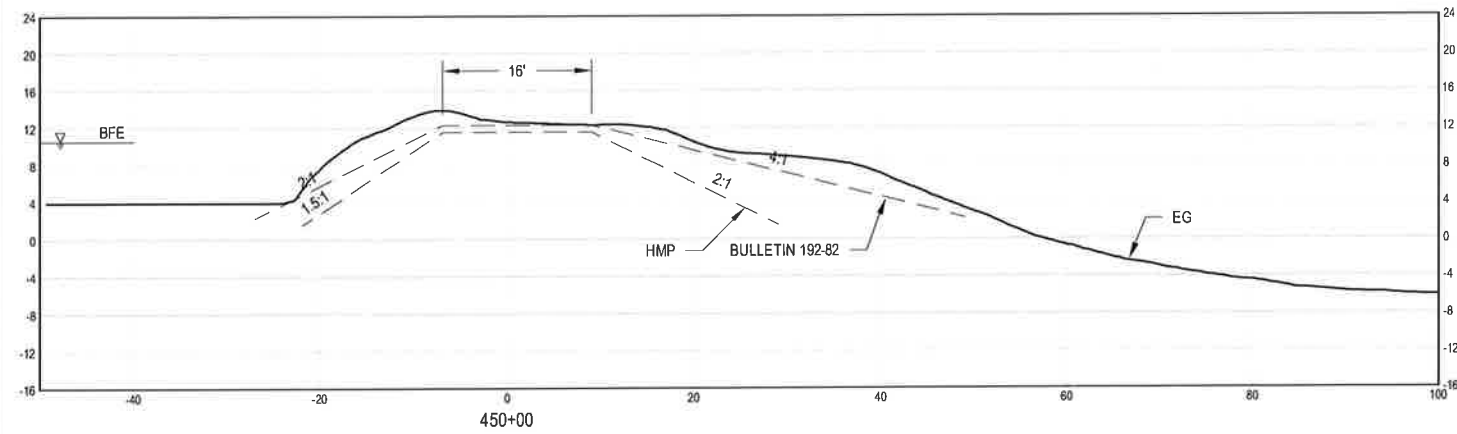
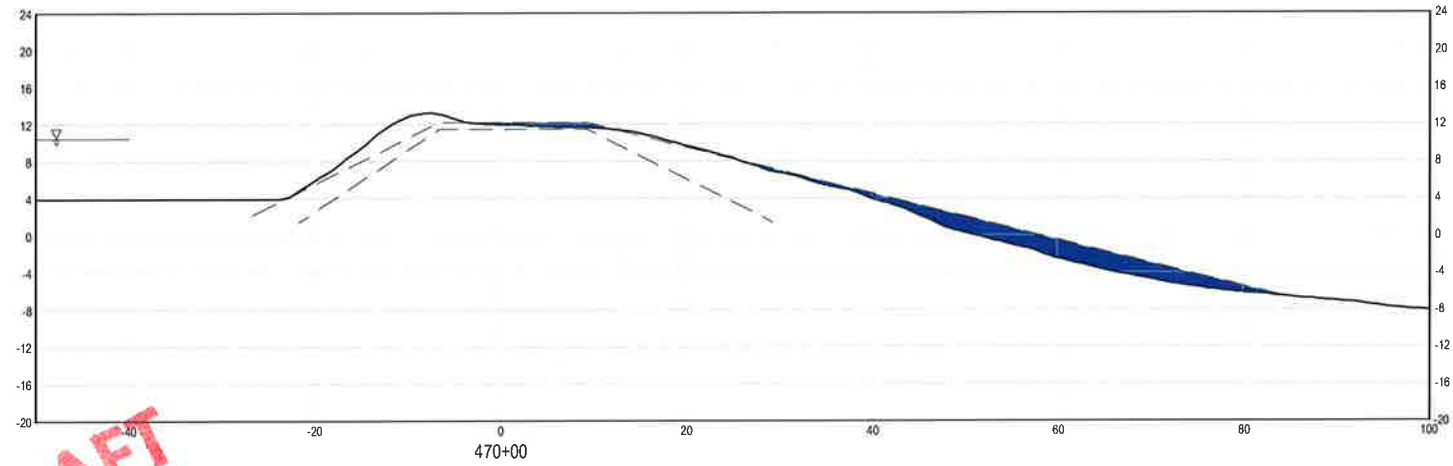
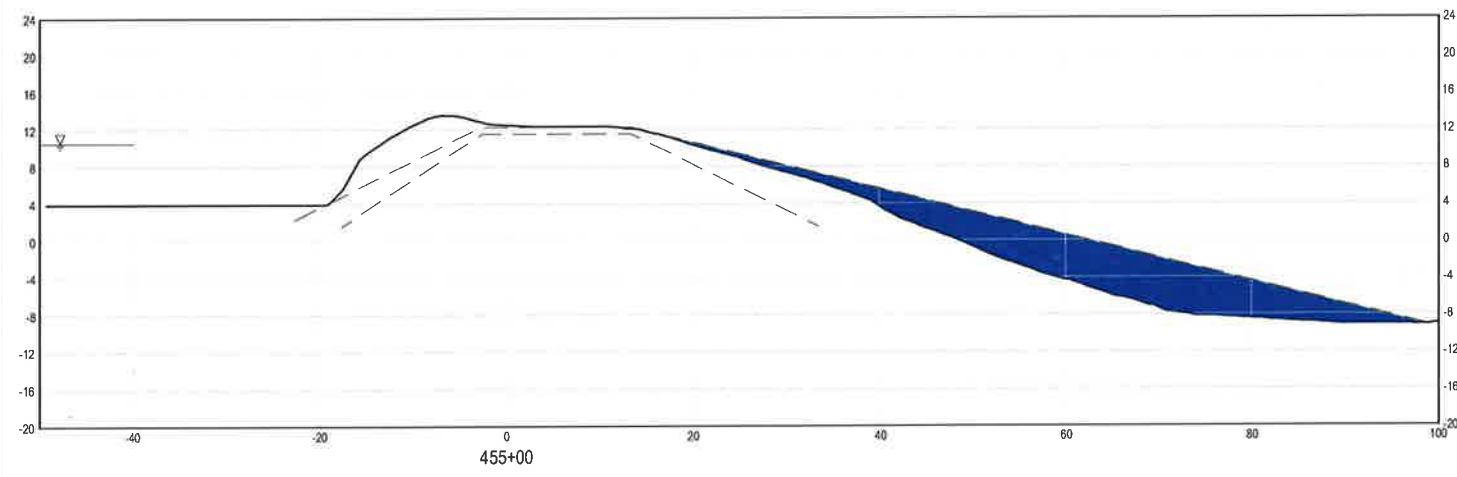
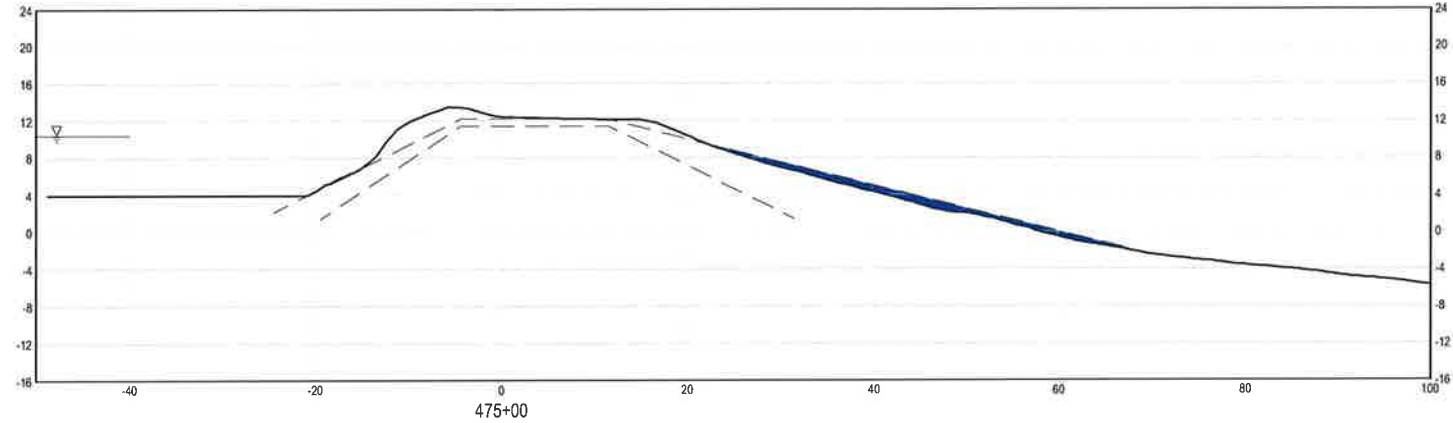
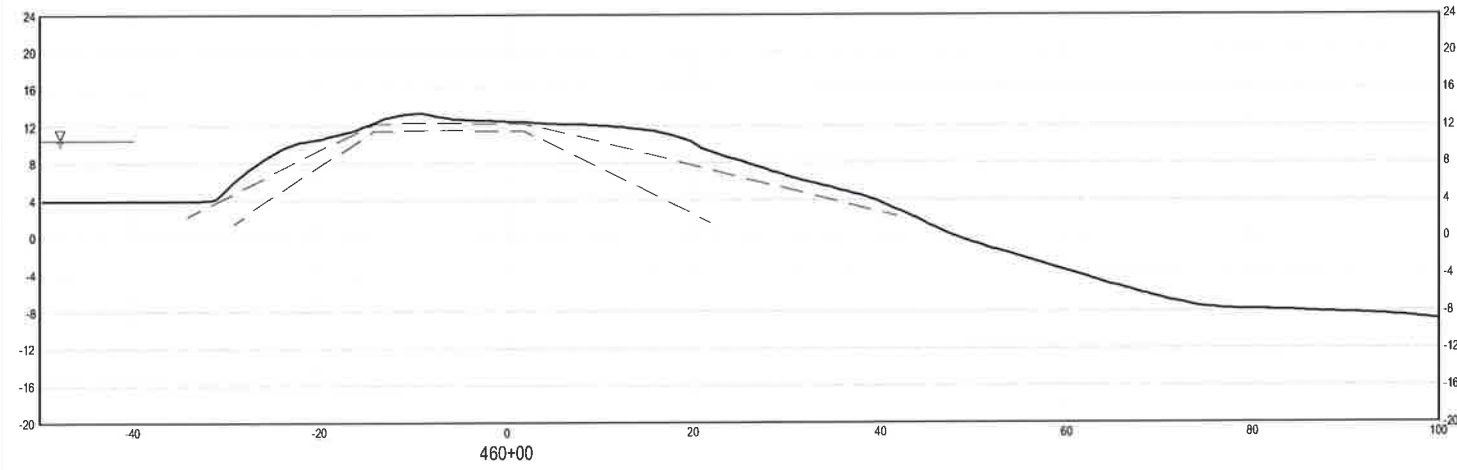
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 SECTIONS
 STA 420+00 TO STA 450+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-315
 SHEET 31 OF 57
 KSN PROJECT FILE NO.
 0675-1280

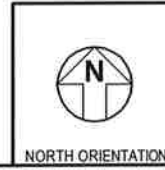
FILE SPEC: P:\0675_Tyler_Islions\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:15pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR

DESIGN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM CCS83, ZONE 2
 VERTICAL DATUM NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

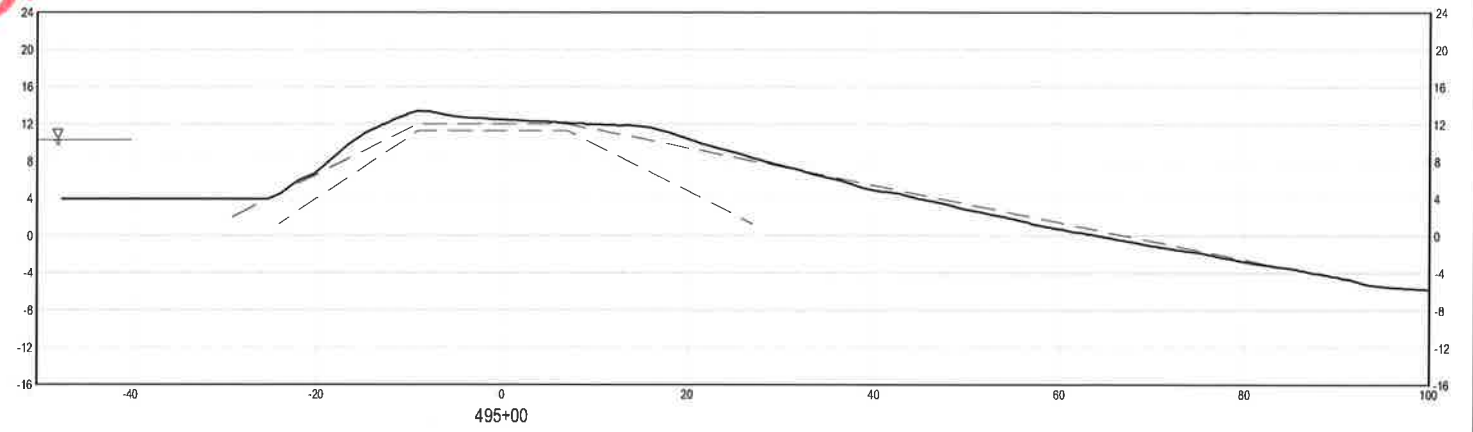
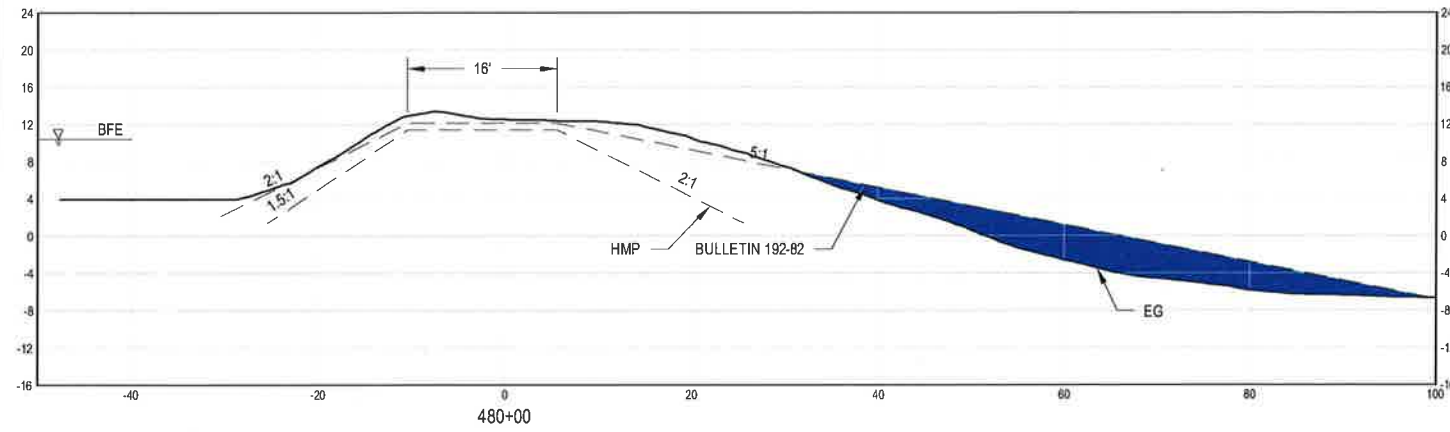
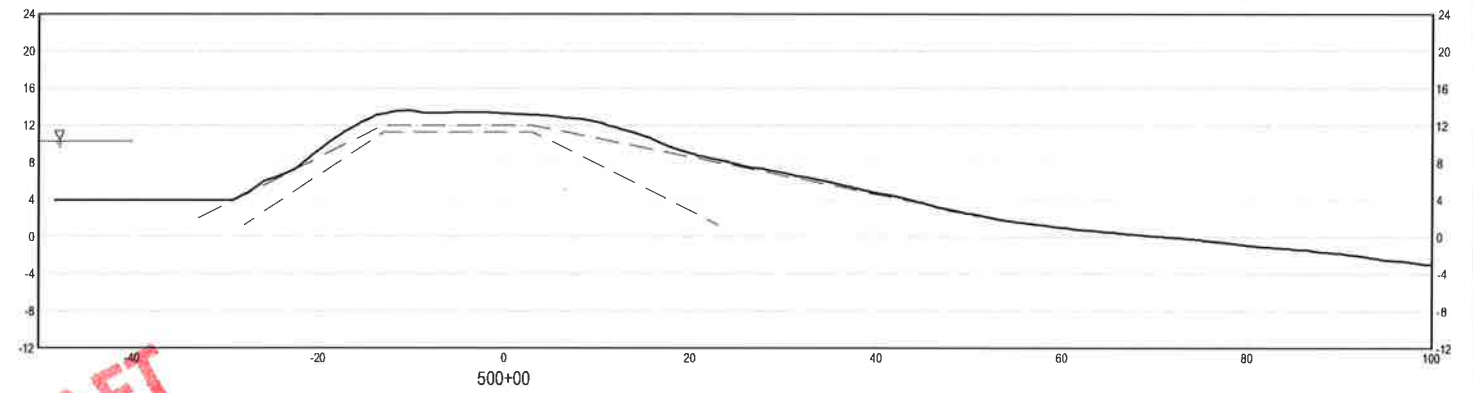
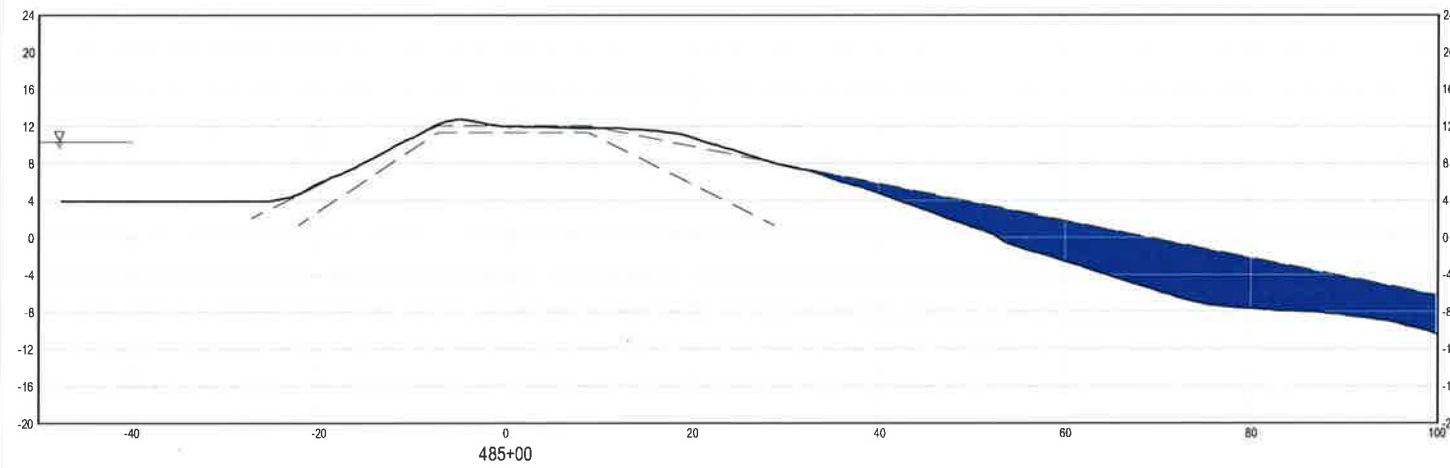
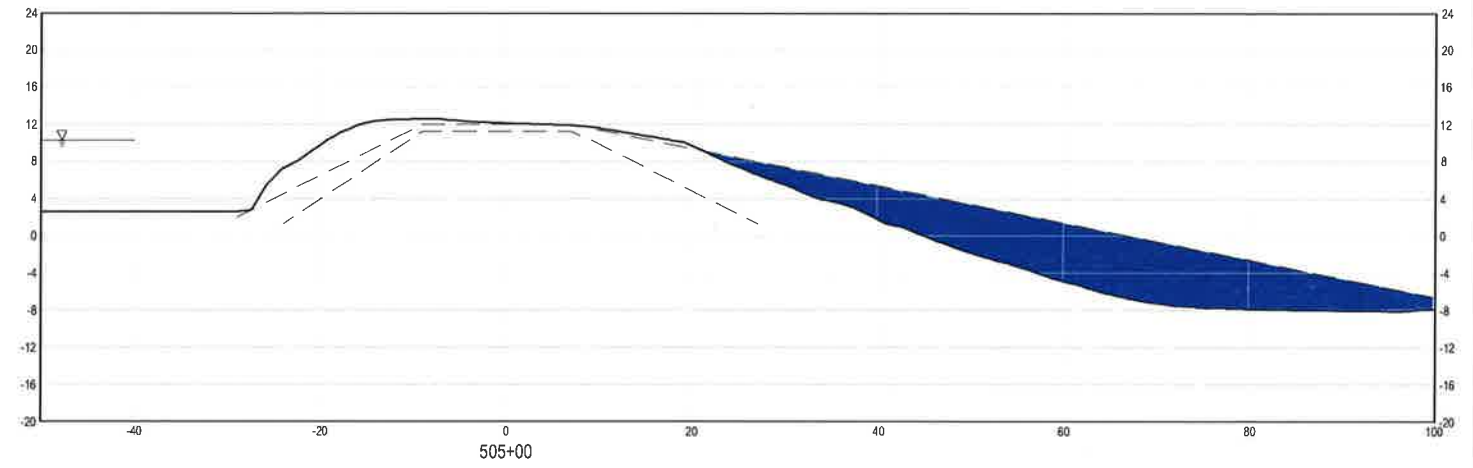
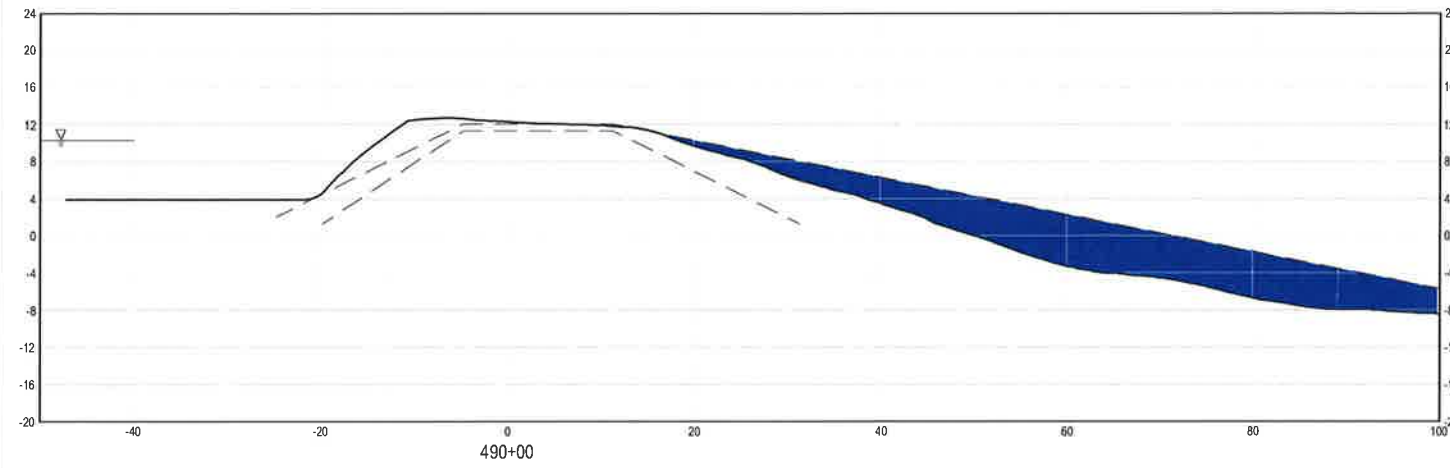
KSN inc. **KJELDEN SINNOCK NEUDECK**
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 209-946-0268
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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 450+00 TO STA 480+00

DATE AUGUST 12, 2019
 SHEET IDENTIFICATION **V-316**
 SHEET 32 OF 57
 KSN PROJECT FILE NO. 0675-1280

FILE SPEC: P:\0675_Tyler\Islands\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Streets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:16pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EEA	DRAWING SCALE	1" = 10'
DRAWN BY	EEA	ORIGINAL DRAWING SCALE	0 1/2" 1"
CHECK BY	CHN		
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268

1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

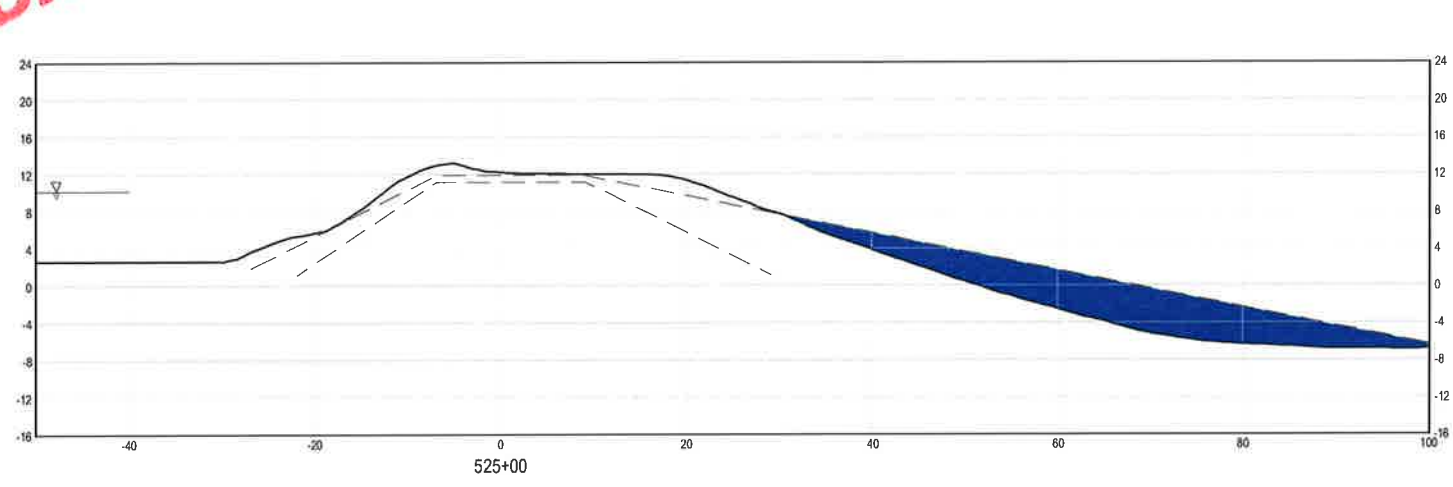
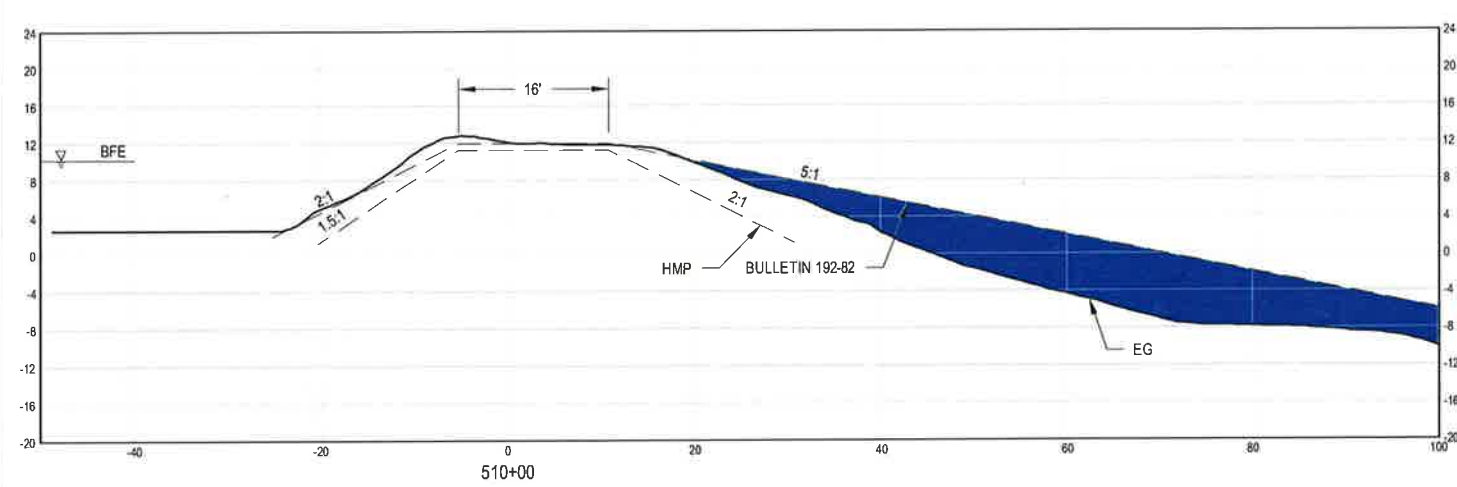
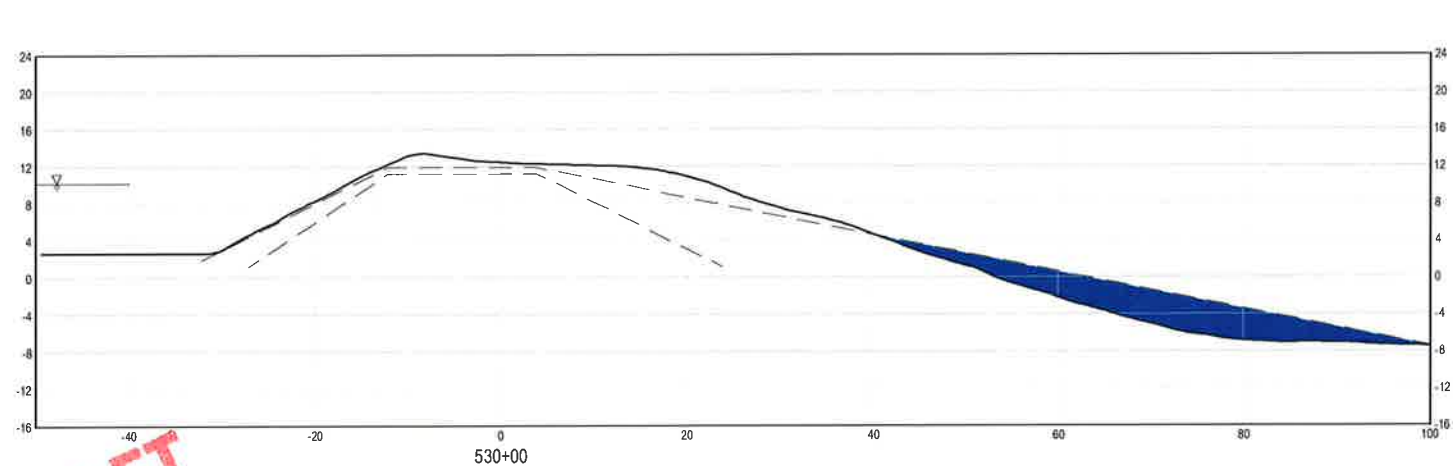
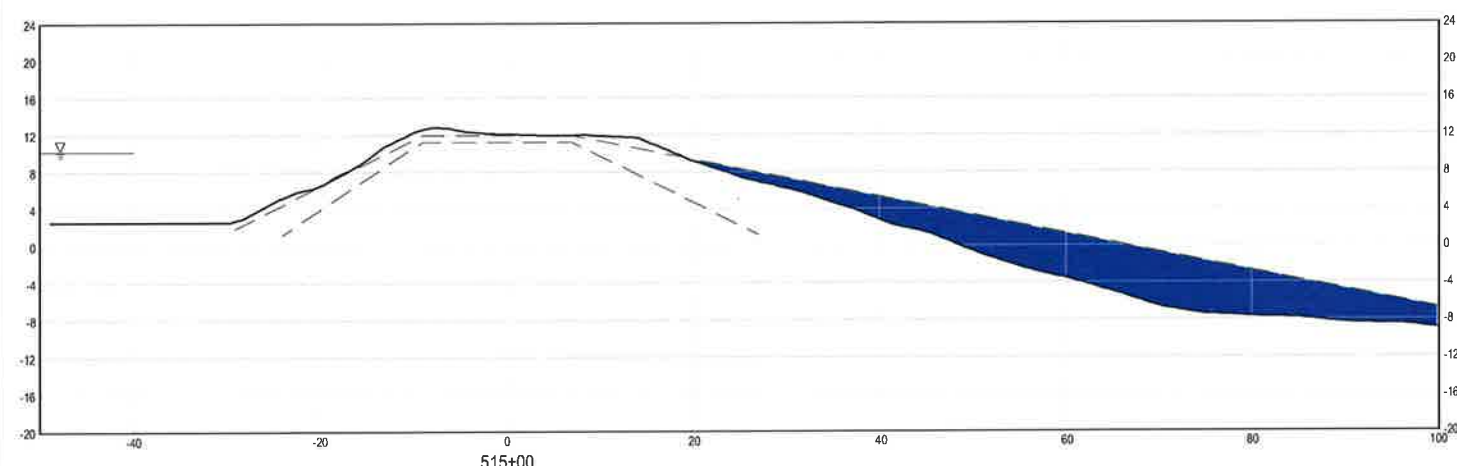
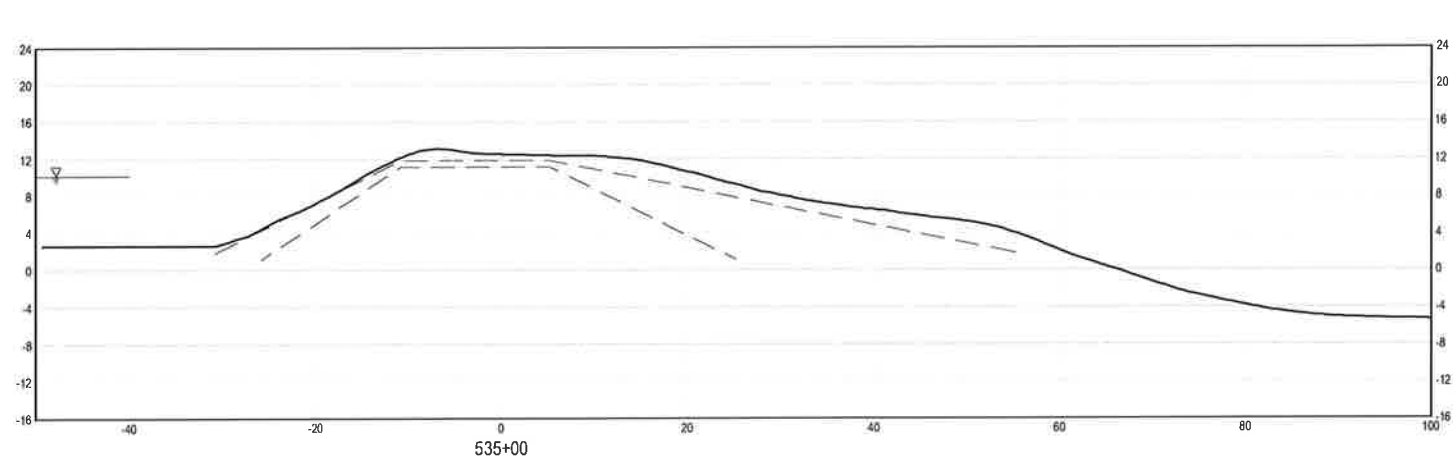
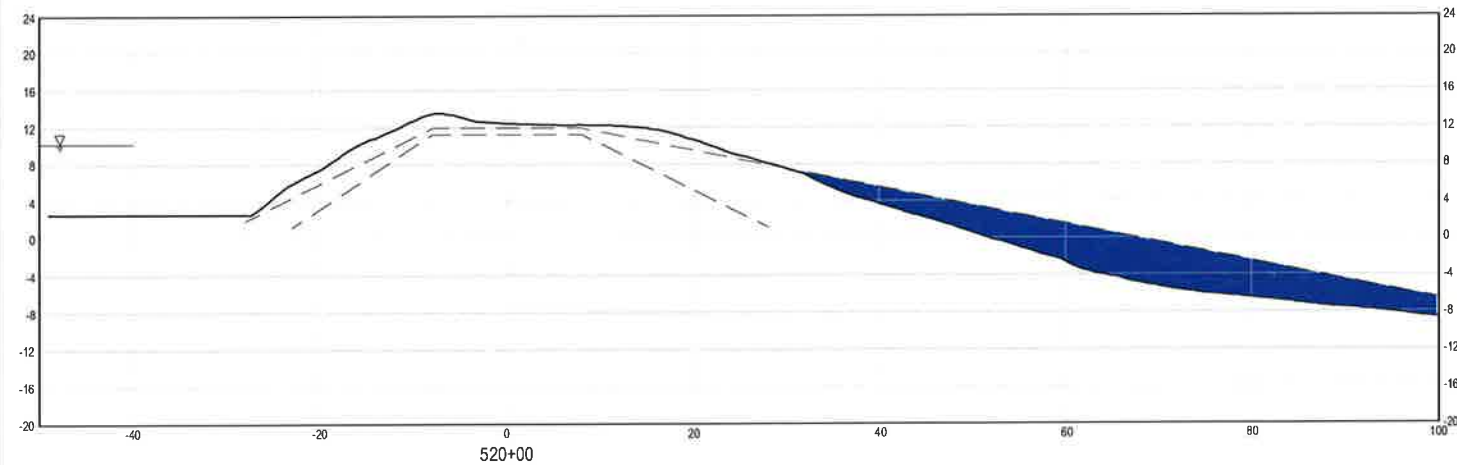
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-317
 SHEET 33 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 490+00 TO STA 510+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:16pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 1550 Harbor Drive, Suite 212
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 916-403-5900

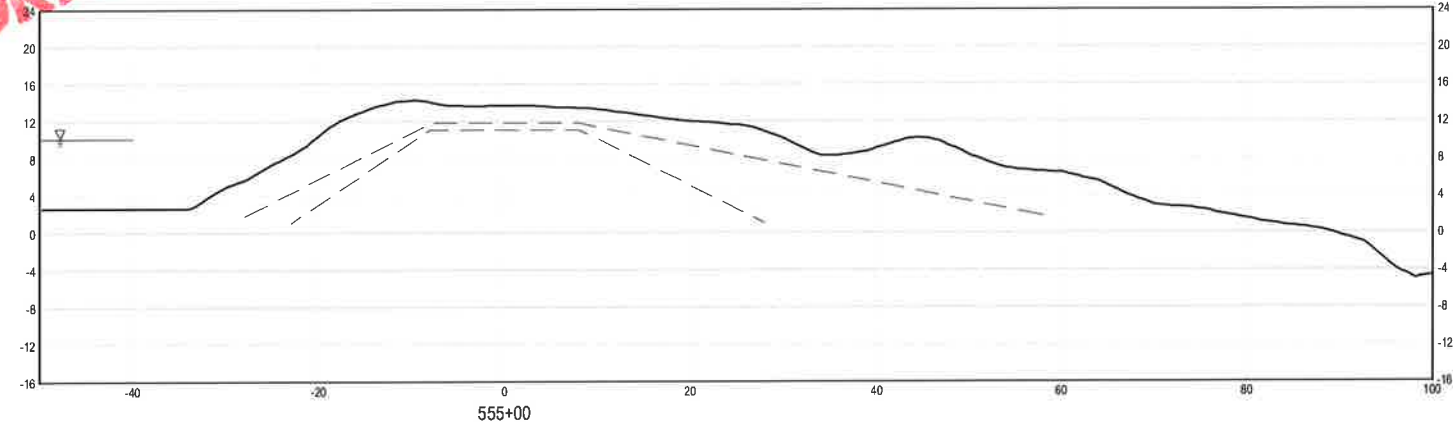
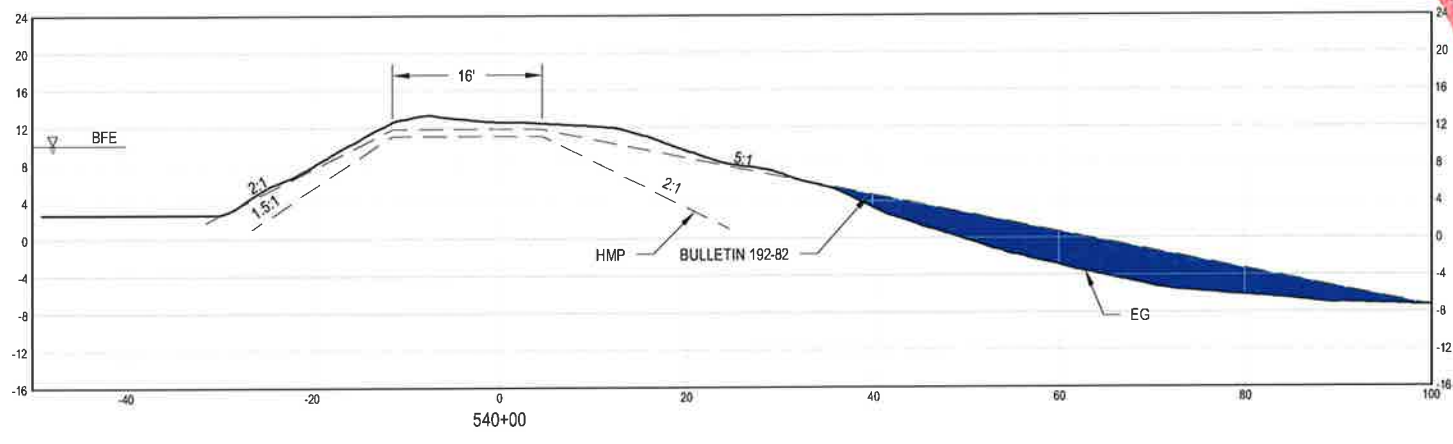
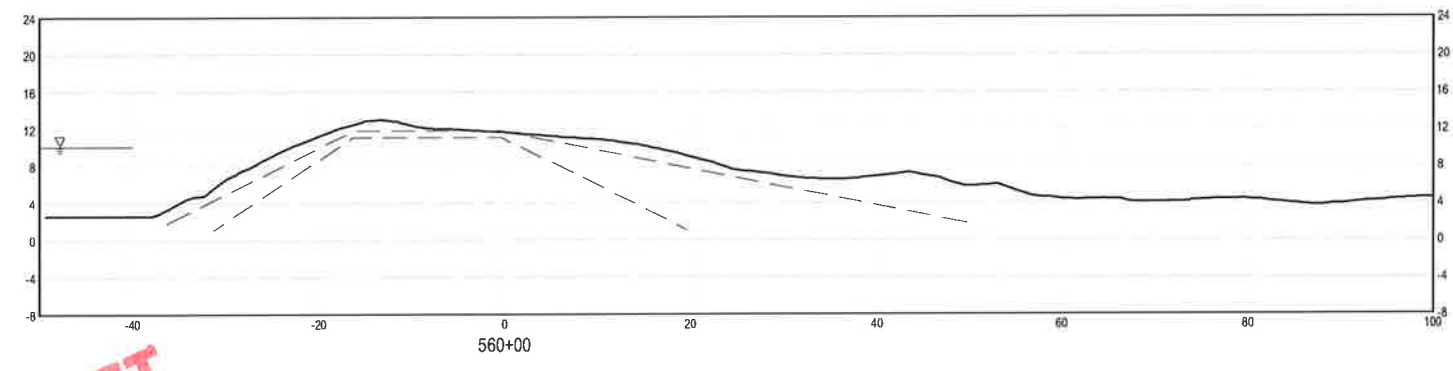
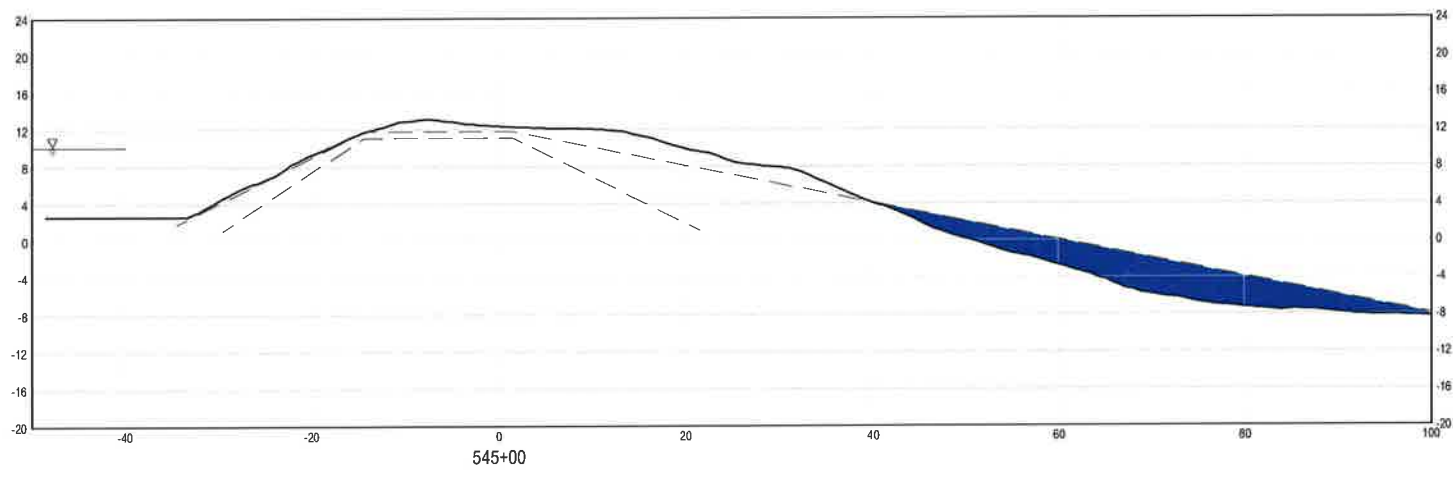
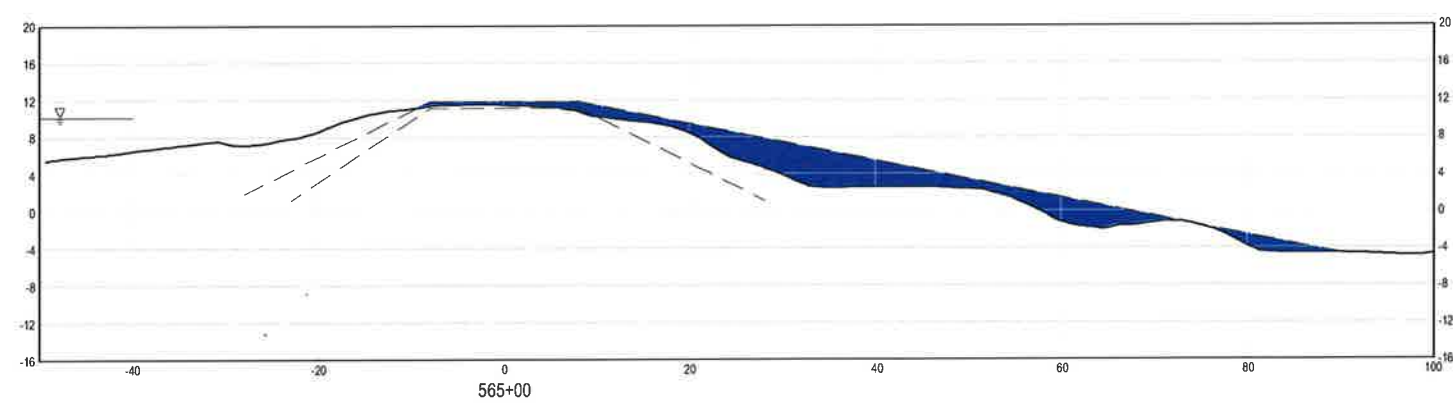
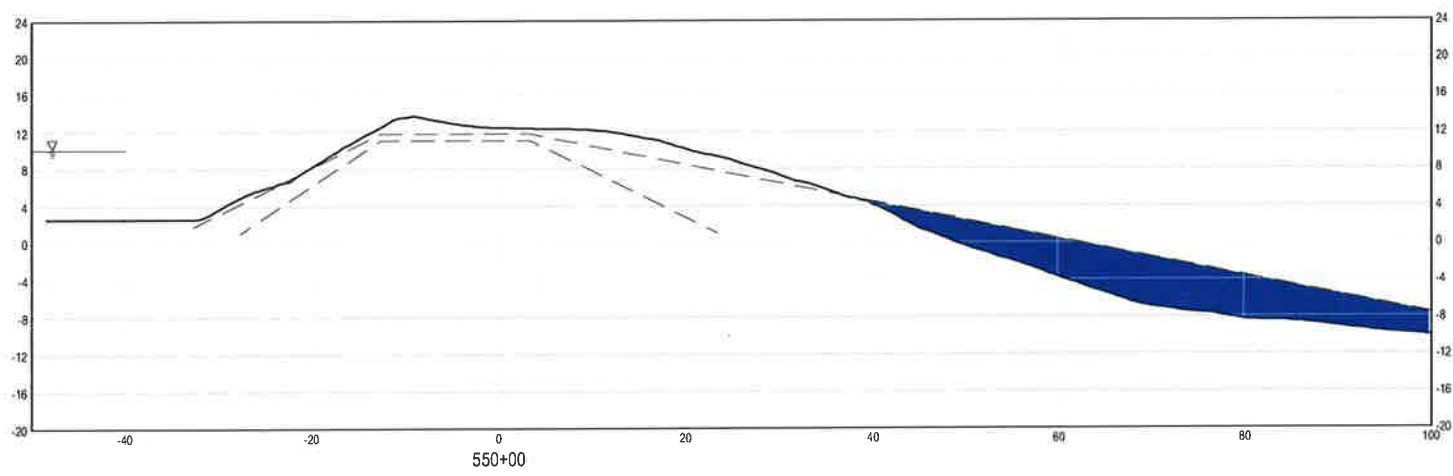
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-318
 SHEET 34 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 510+00 TO STA 540+00

FILE SPEC: P:\0675_Tyler_Islands\1280_17-18_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:17pm



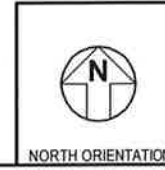
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DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

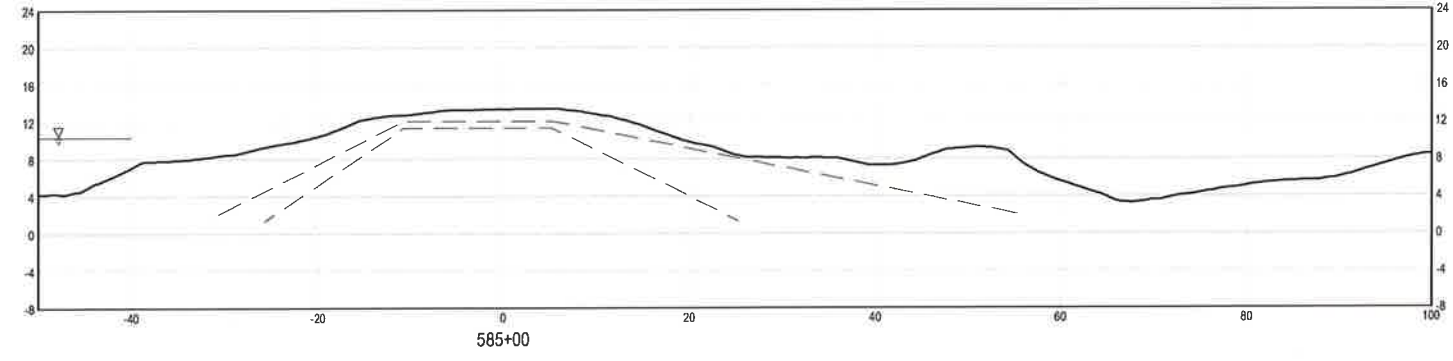
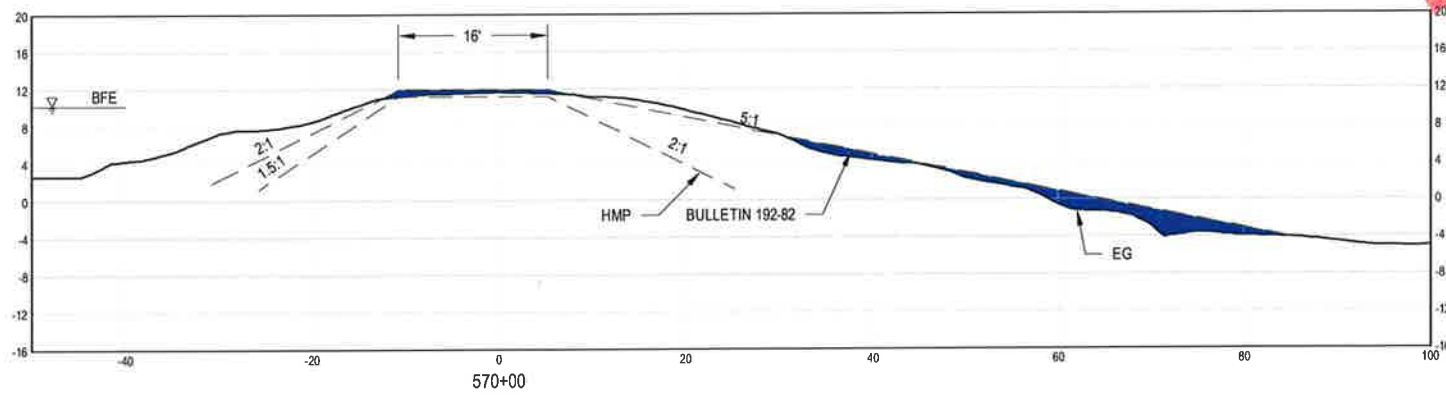
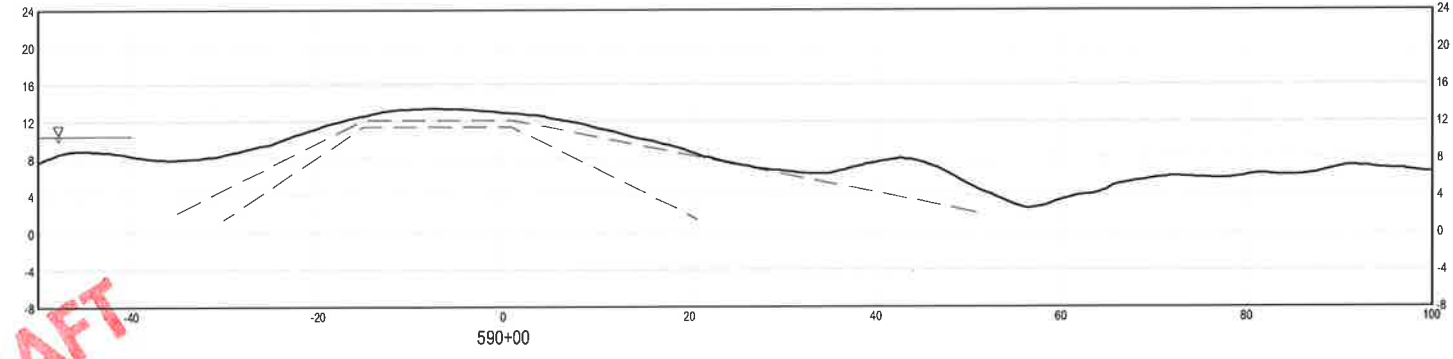
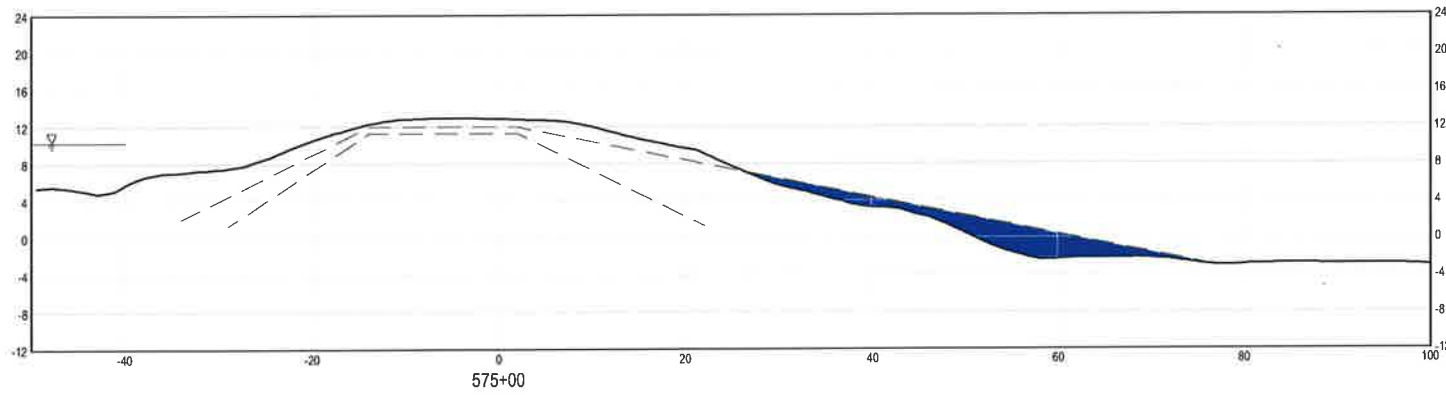
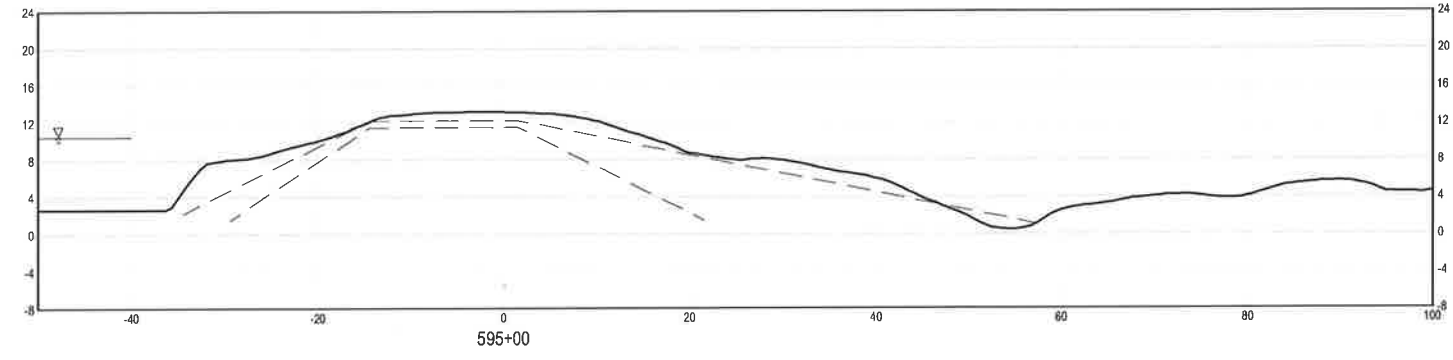
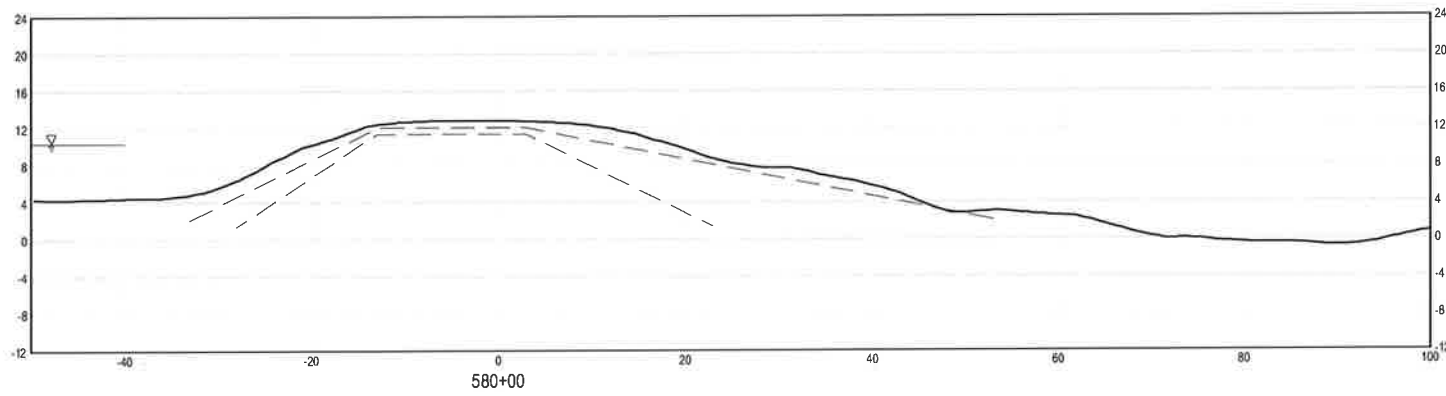
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 540+00 TO STA 570+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-319
 SHEET 35 OF 57
 KSN PROJECT FILE NO.
 0675-1280

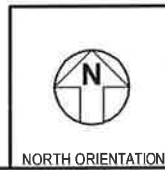
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 PLOT DATE: Aug 12, 2019 - 2:17pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
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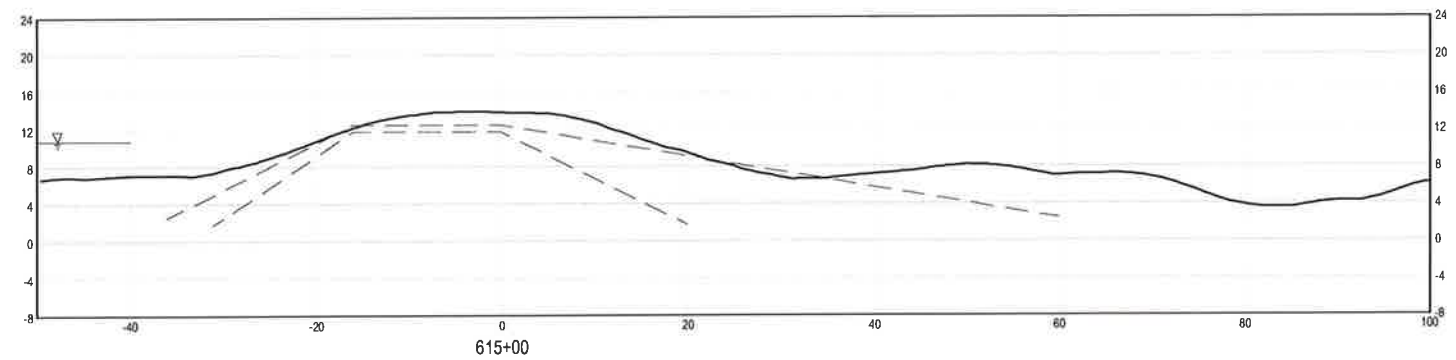
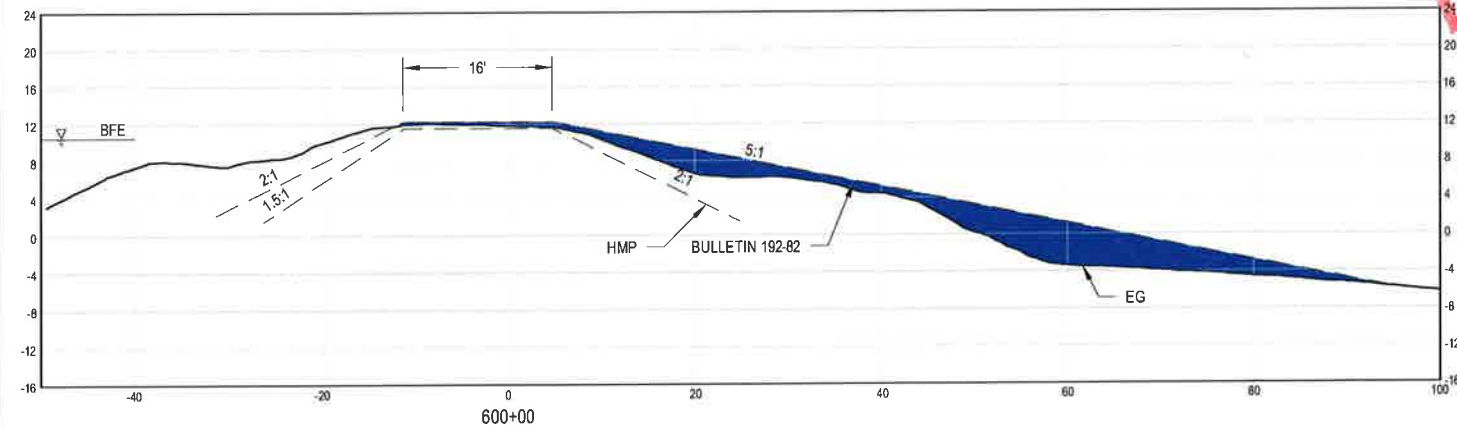
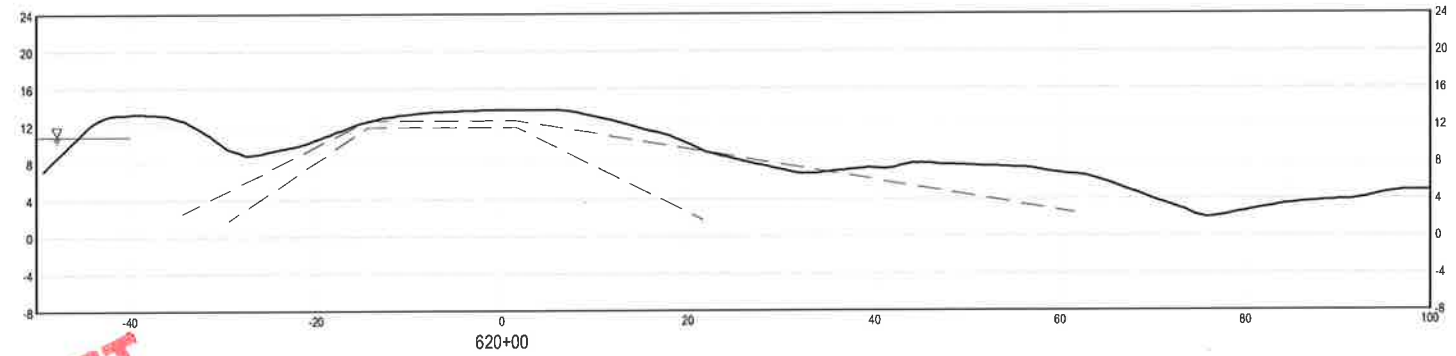
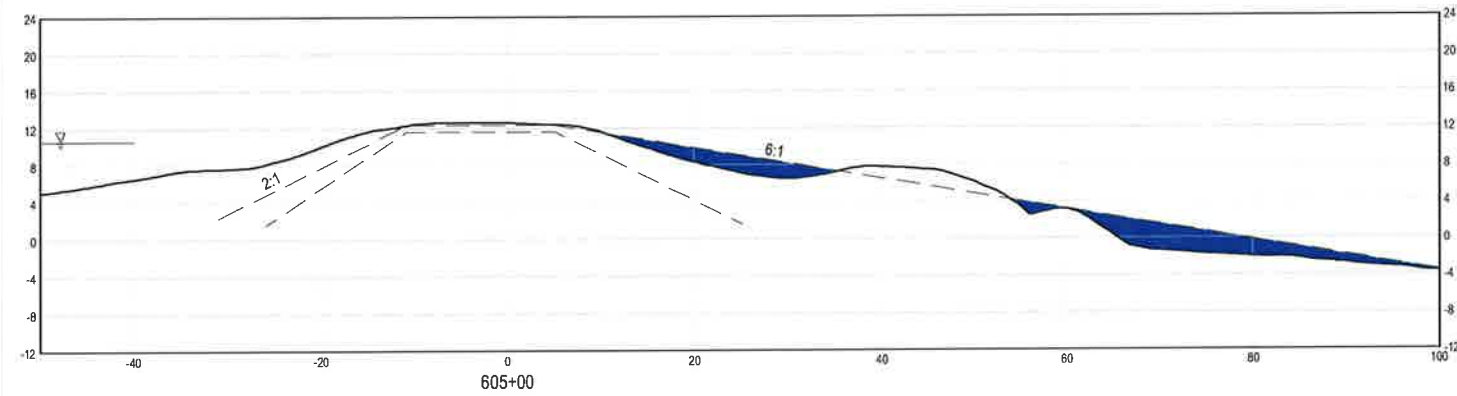
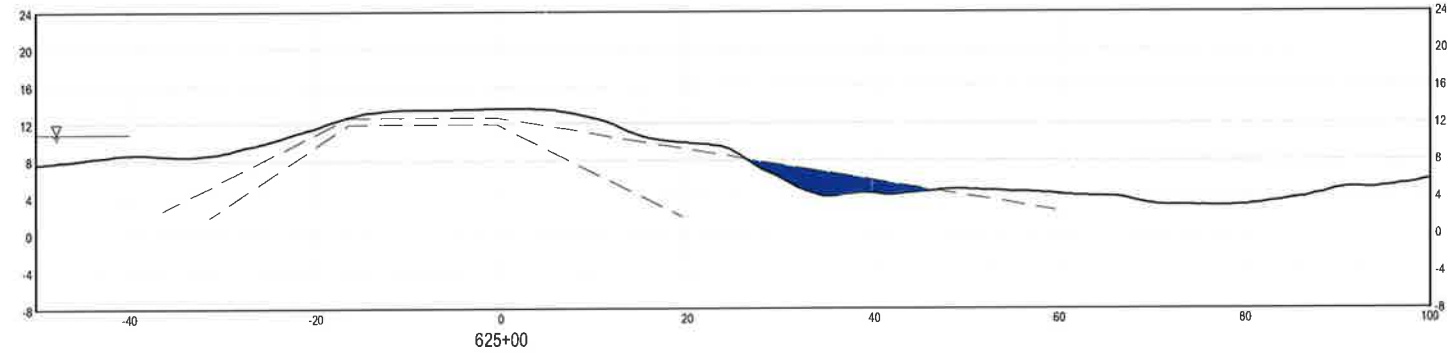
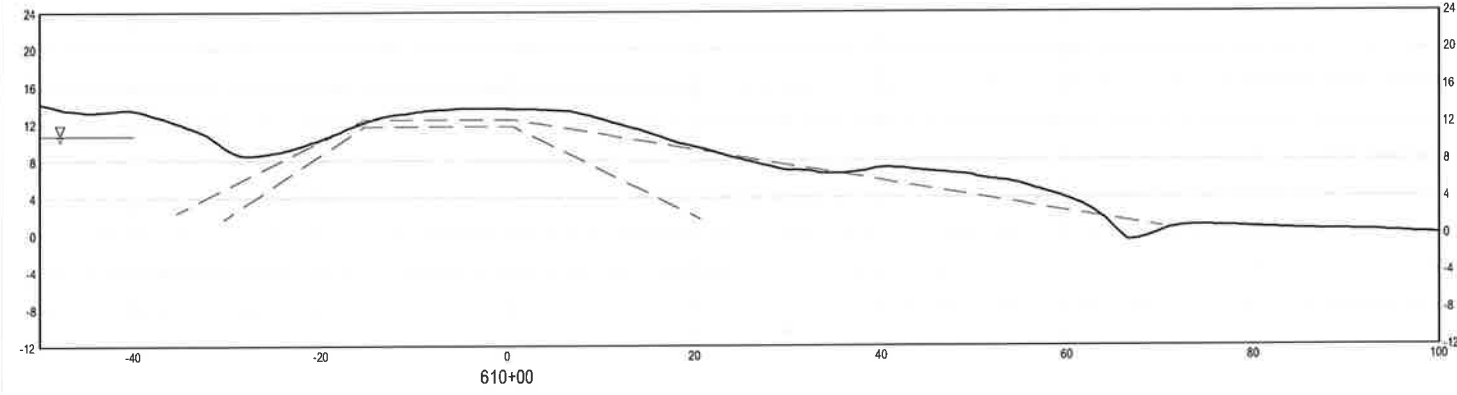
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 570+00 TO STA 600+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-320
 SHEET 36 OF 57
 KSN PROJECT FILE NO.
 0675-1280

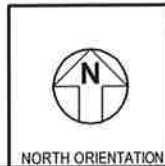
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 PLOT DATE: Aug 12, 2019 - 2:18pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

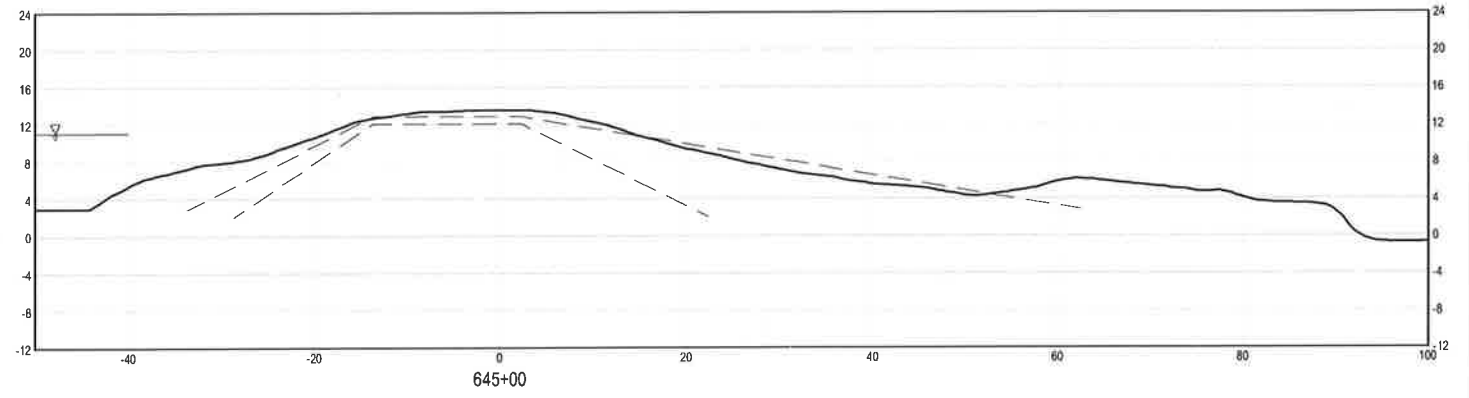
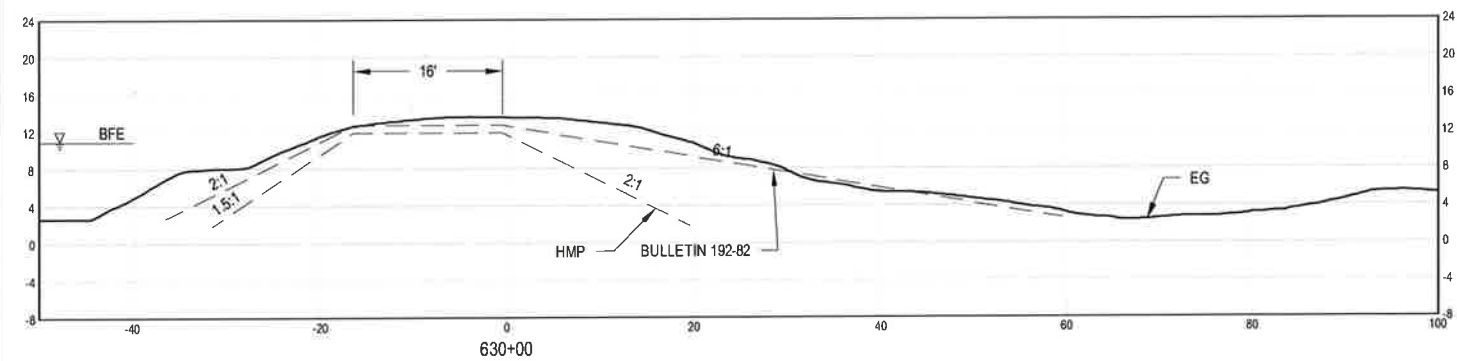
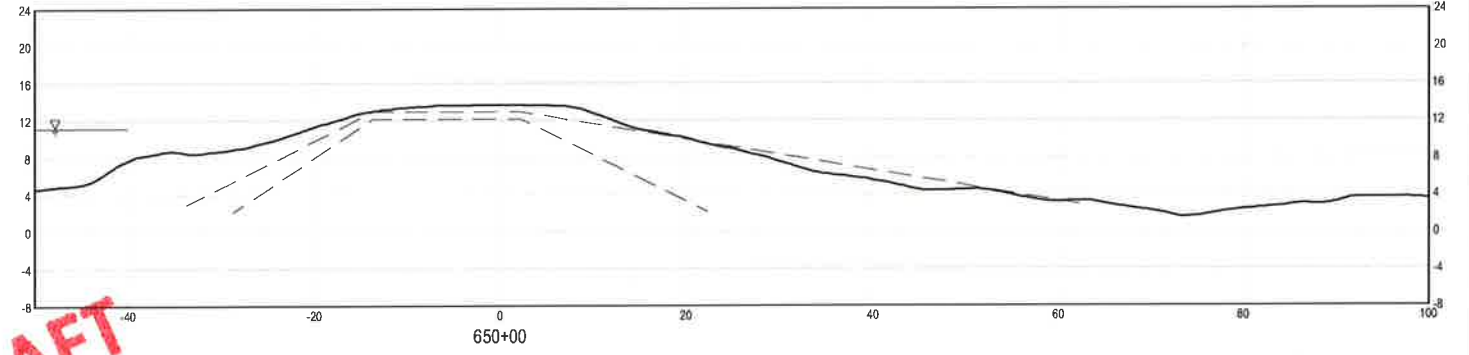
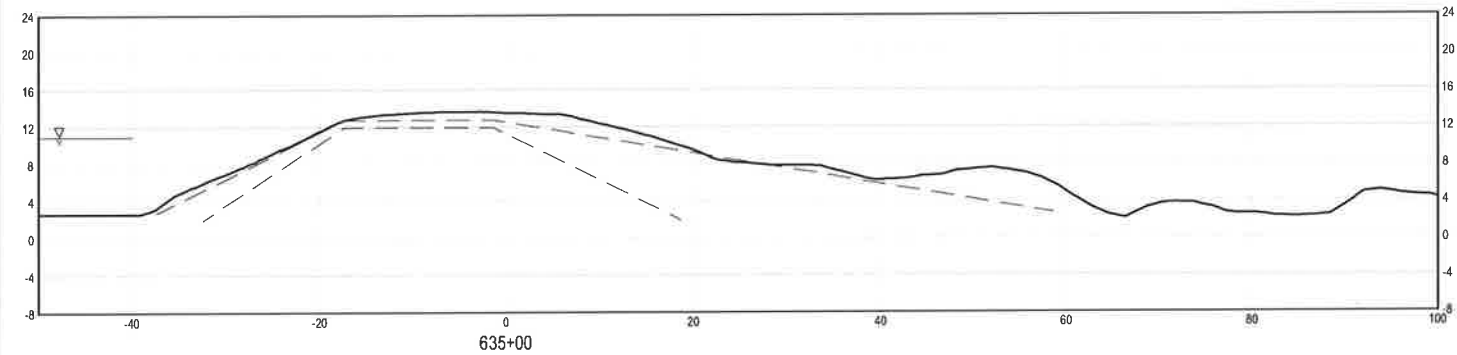
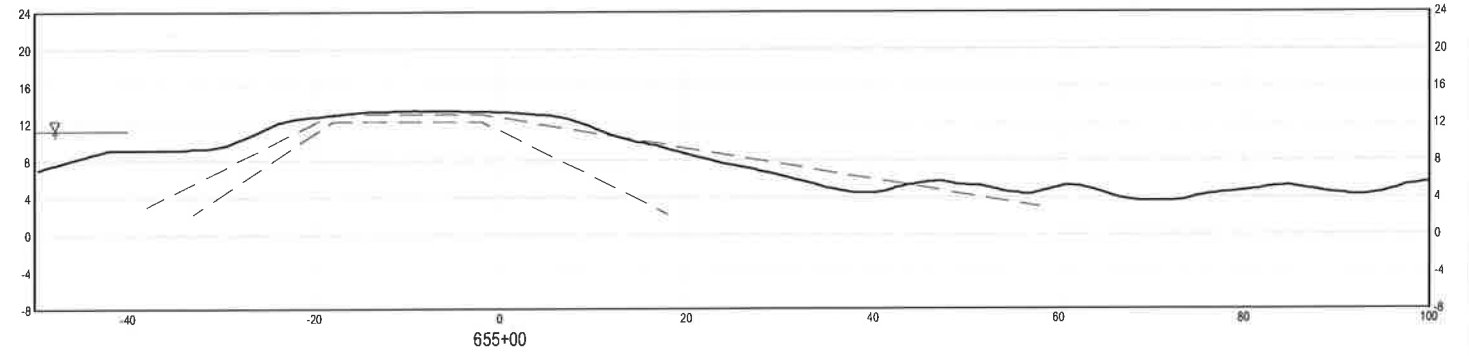
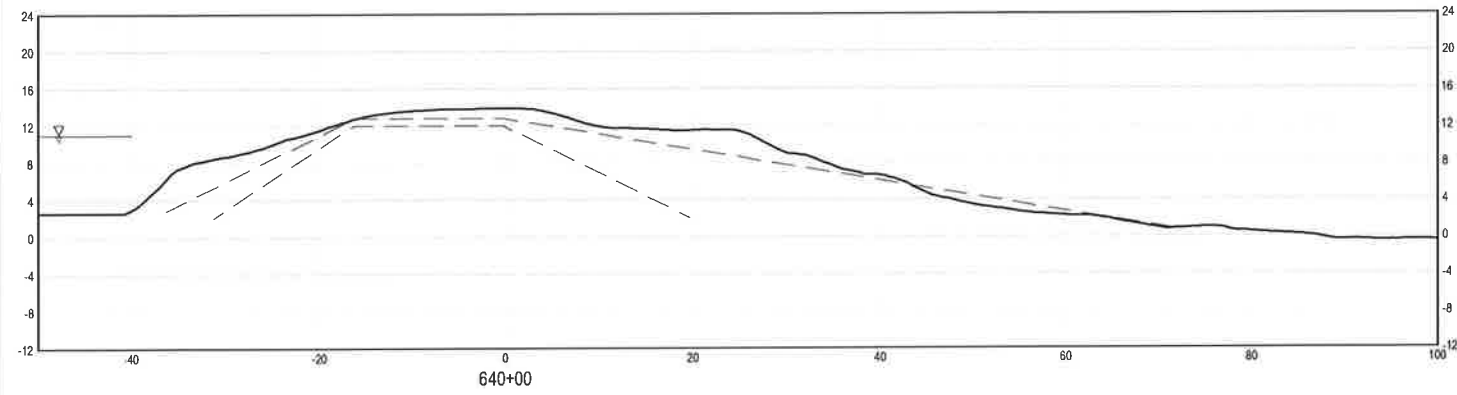
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 600+00 TO STA 630+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-321
 SHEET 37 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler_Islone\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:18pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
*PRELIMINARY
 NOT FOR
 CONSTRUCTION*

NO.	DESCRIPTION	DATE	APPR

DESIGN BY	EAA	DRAWING SCALE	1" = 10'
CHECK BY	CHN	ORIGINAL DRAWING SCALE	0 1/2" 1"
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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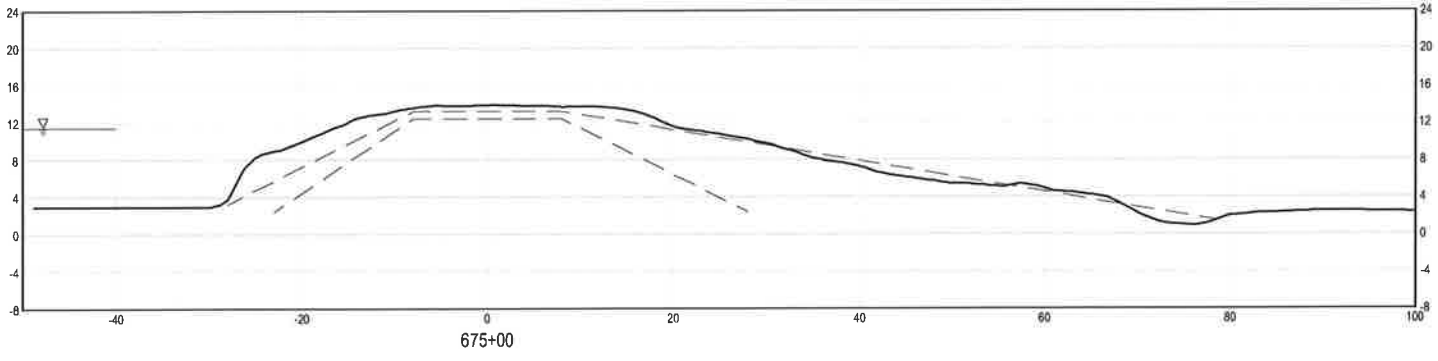
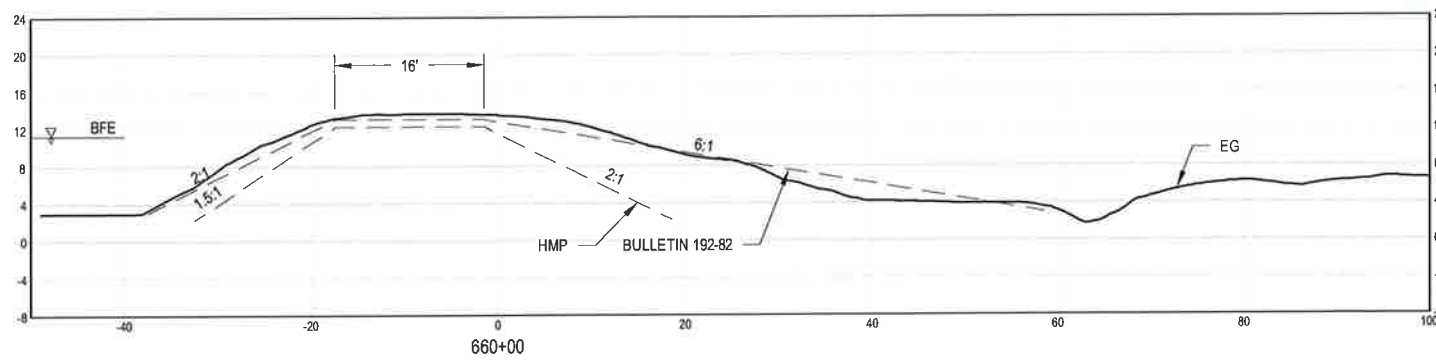
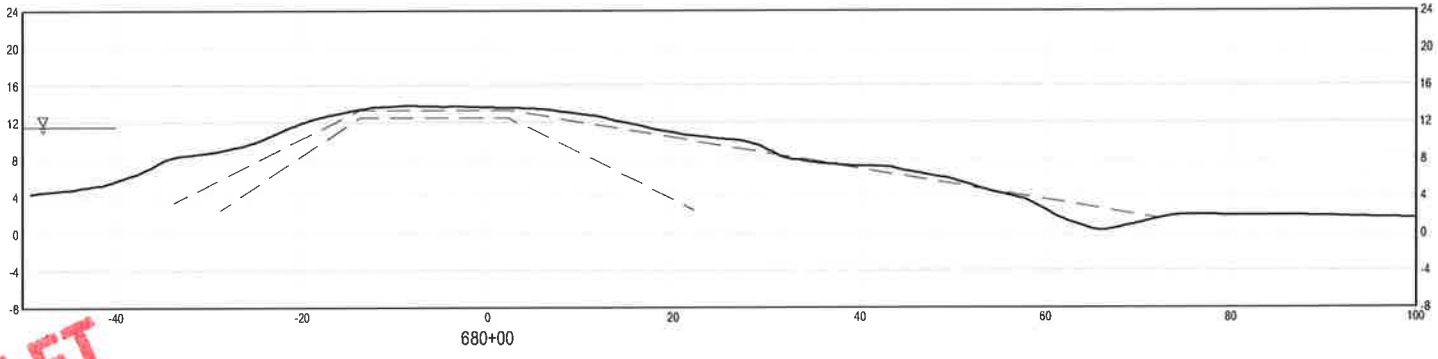
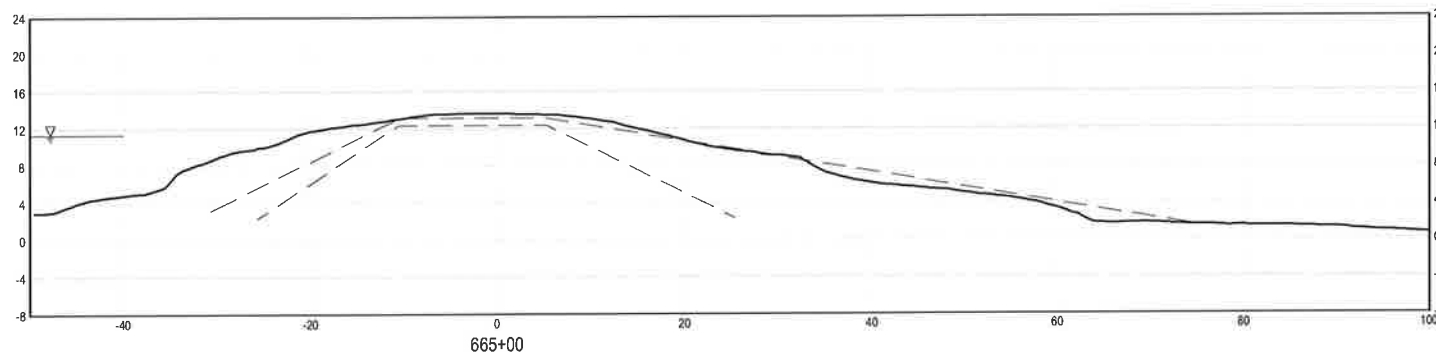
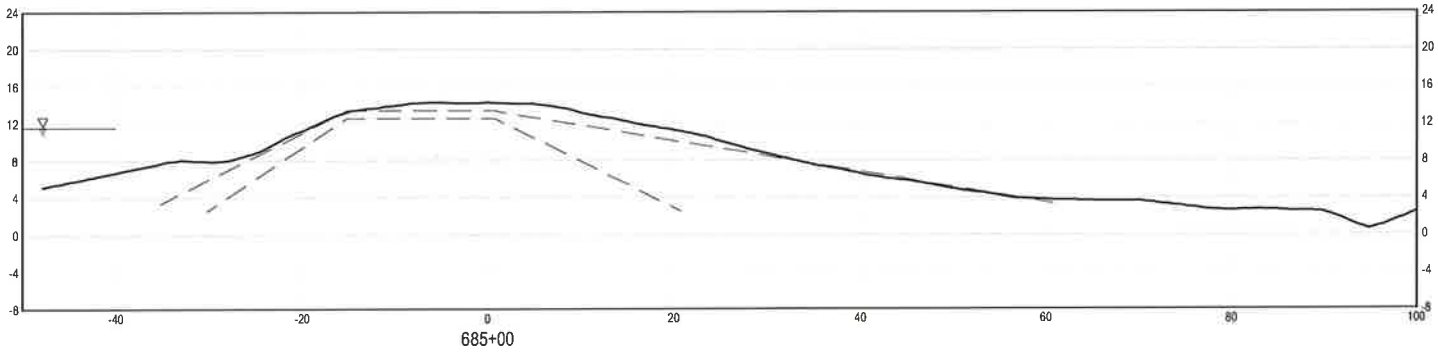
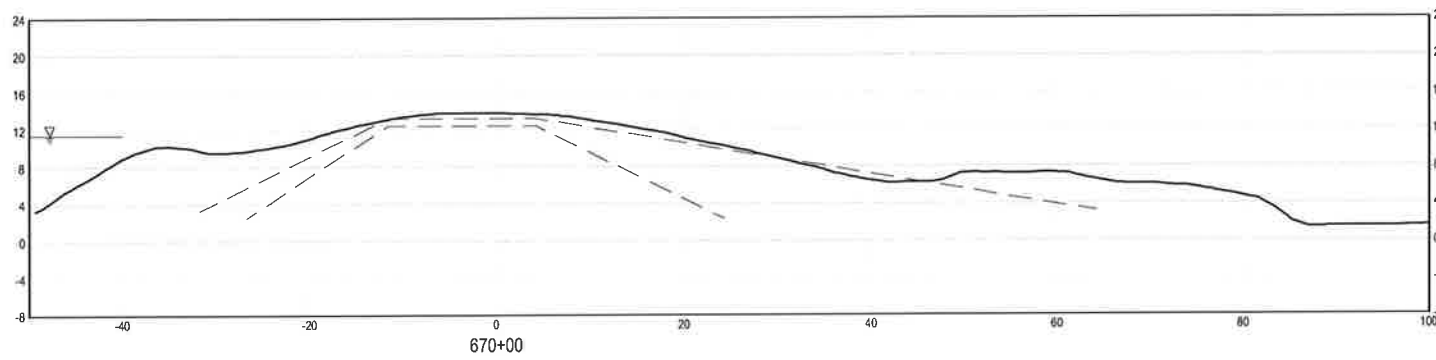
1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 630+00 TO STA 660+00

DATE: AUGUST 12, 2019
 SHEET IDENTIFICATION: **V-322**
 SHEET 38 OF 57
 KSN PROJECT FILE NO. 0675-1280

FILE SPEC: P:\0675_Tyler_Island\1280_17-1B_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:19pm



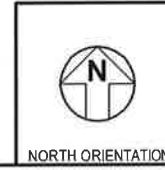
DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

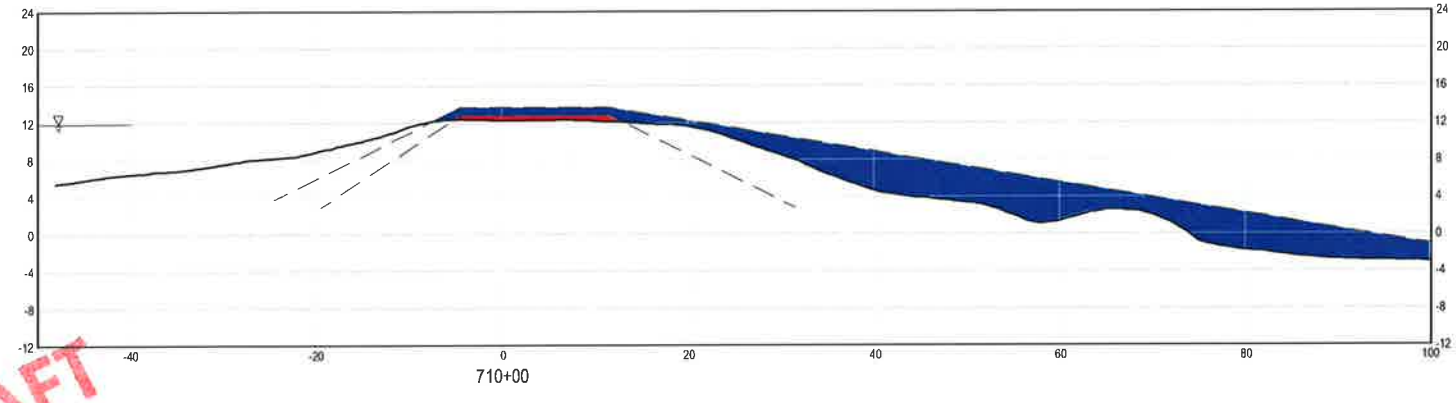
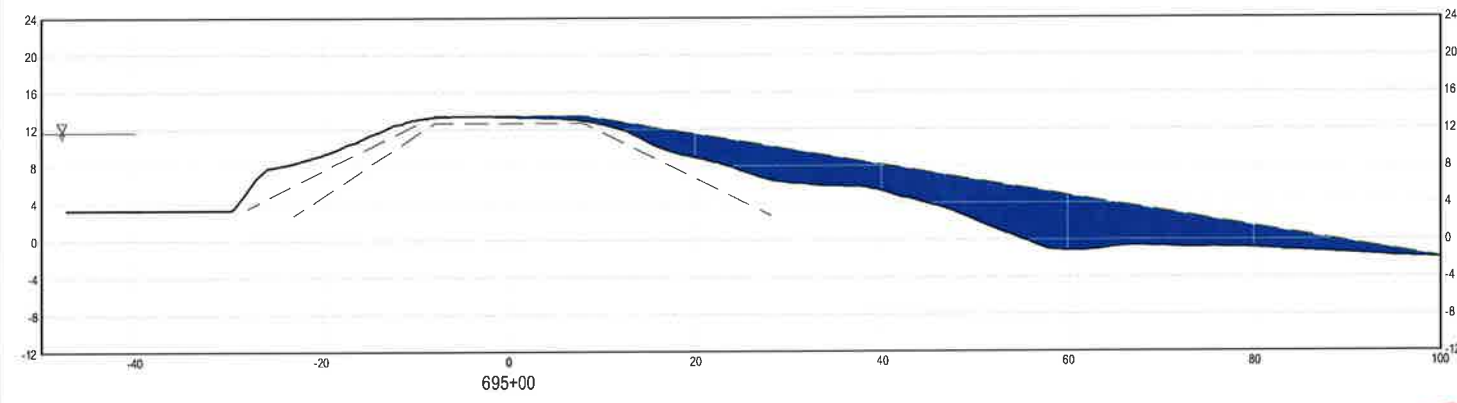
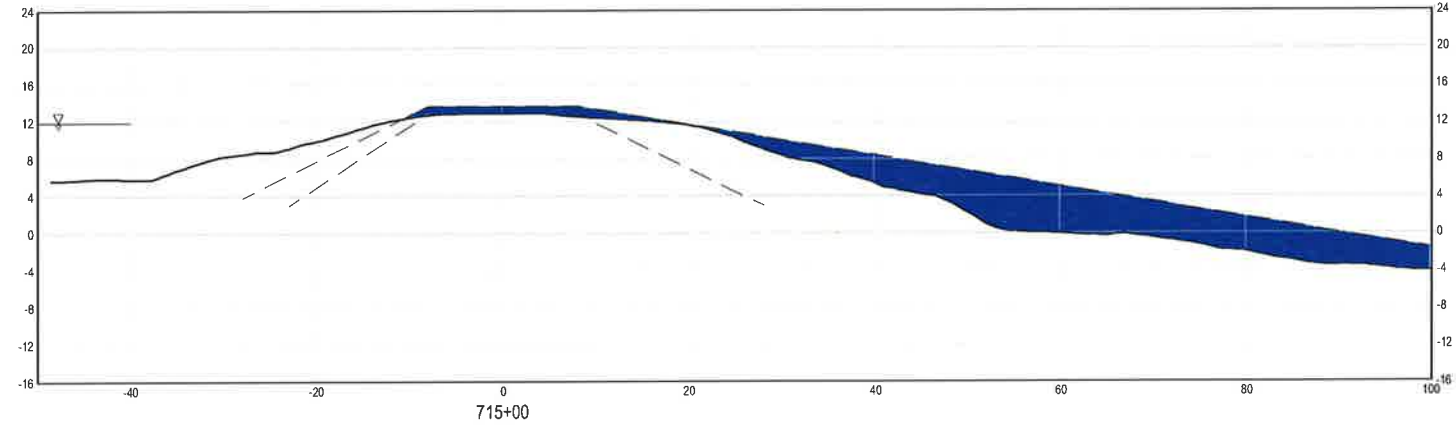
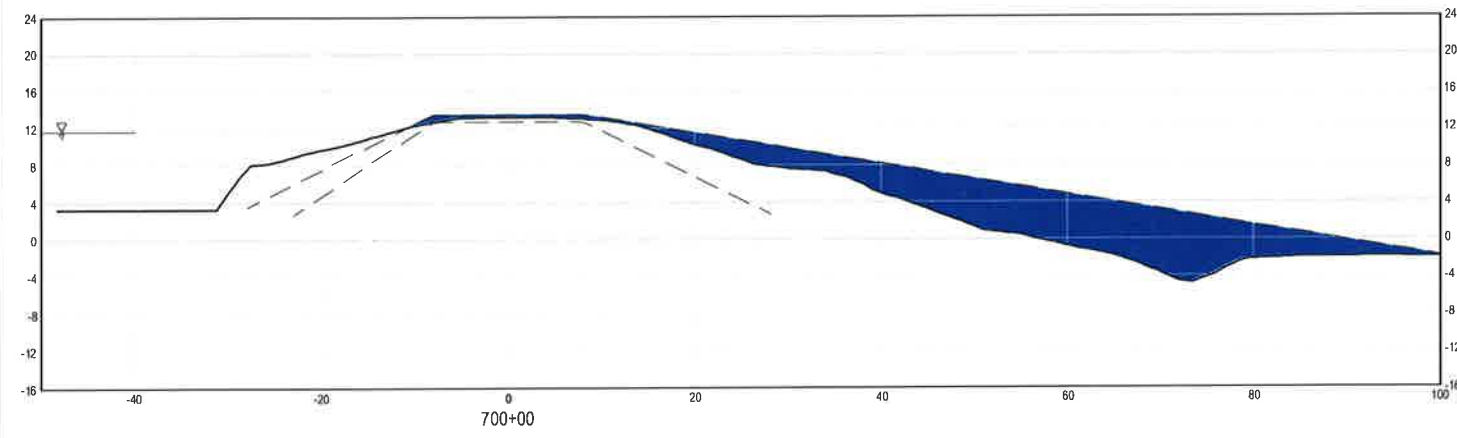
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
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 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
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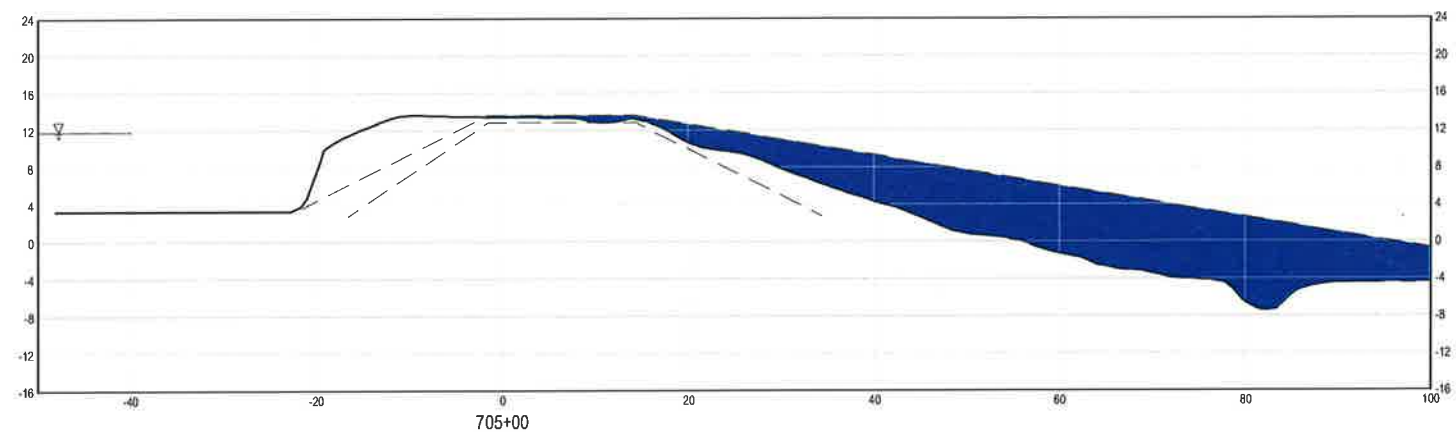
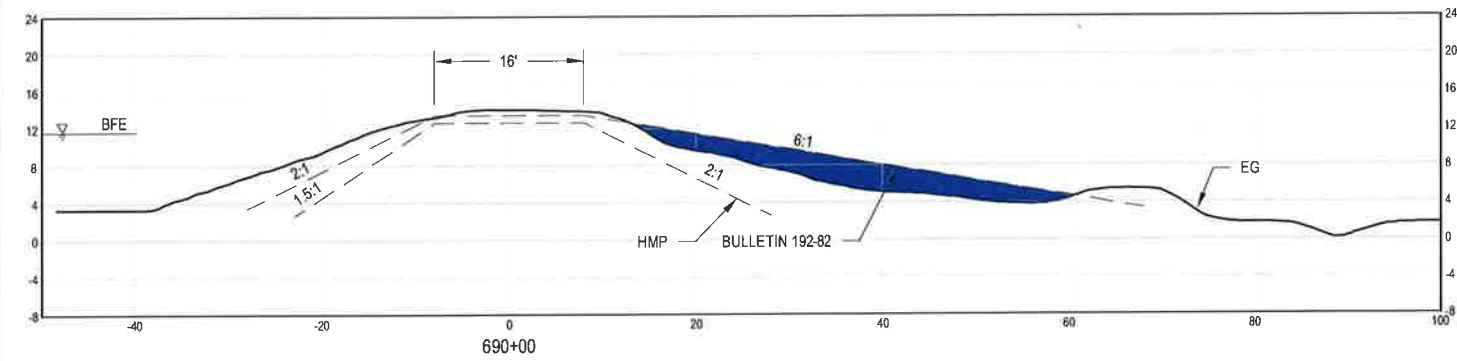
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 660+00 TO STA 690+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-323
 SHEET 39 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyler_Island\1280_17-1B_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:19pm



DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
ORIGINAL DRAWING SCALE
 0 1/2" 1"

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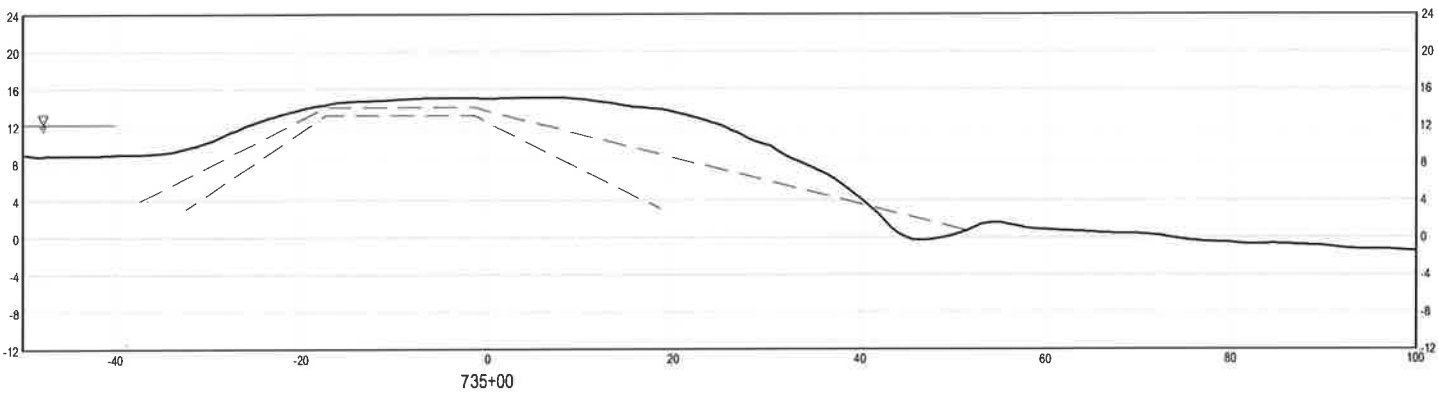
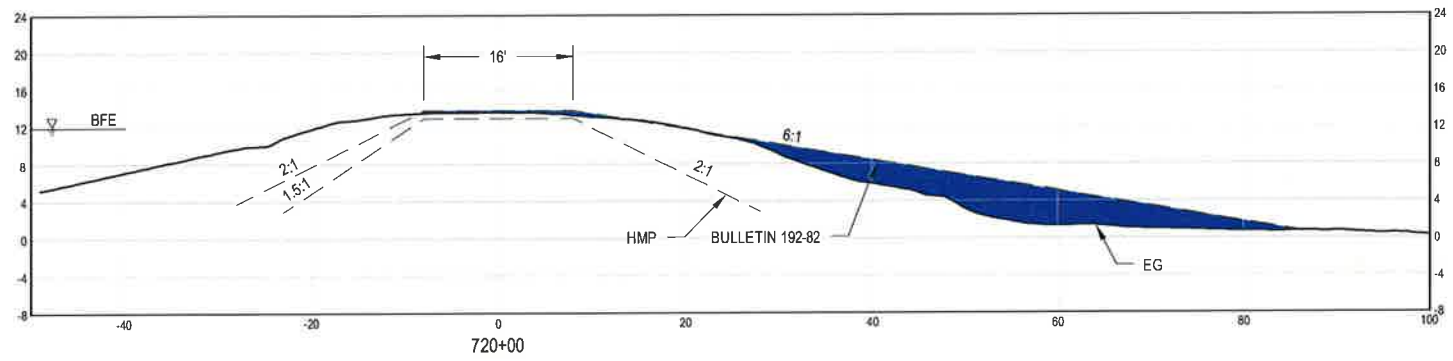
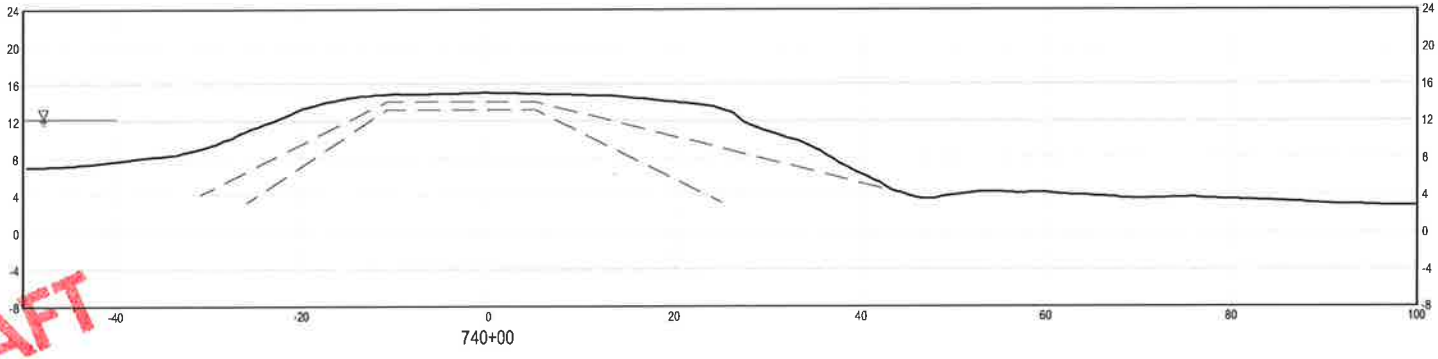
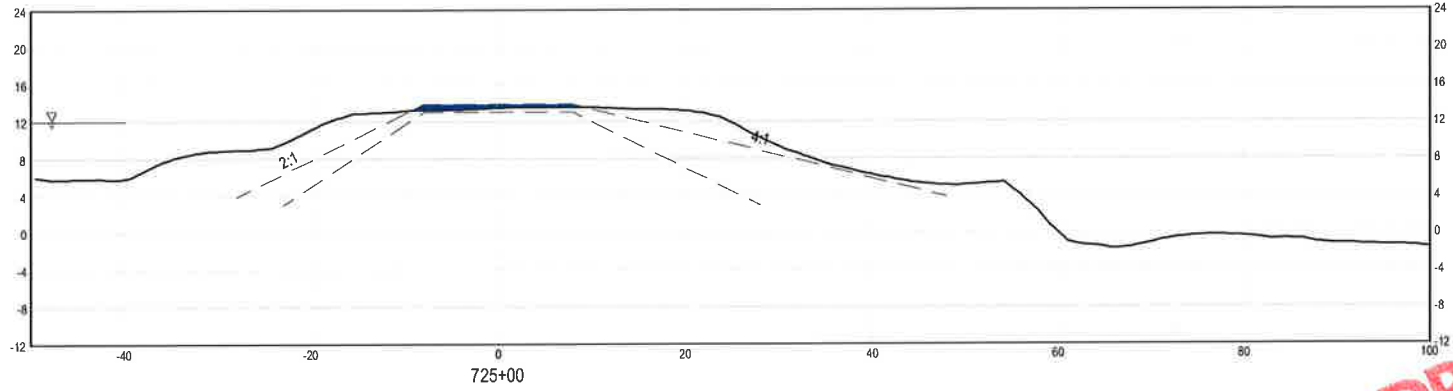
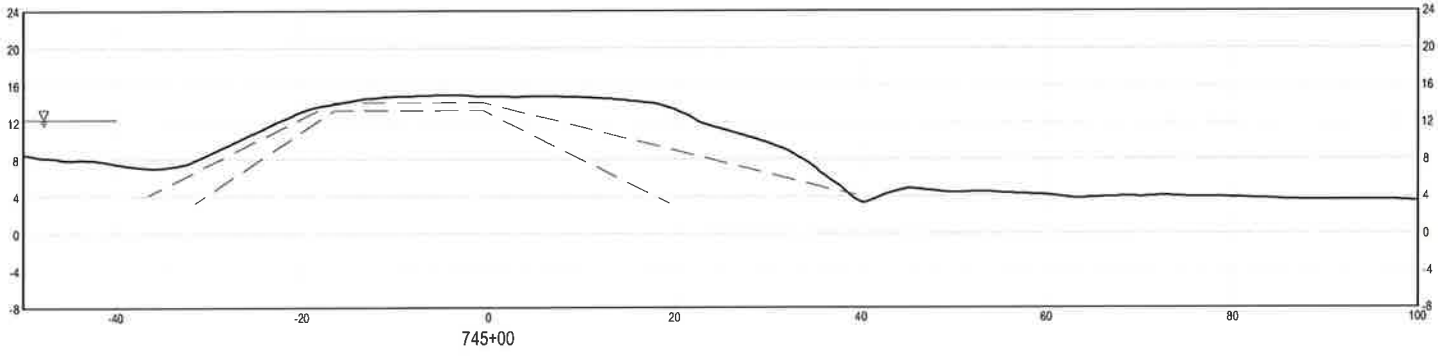
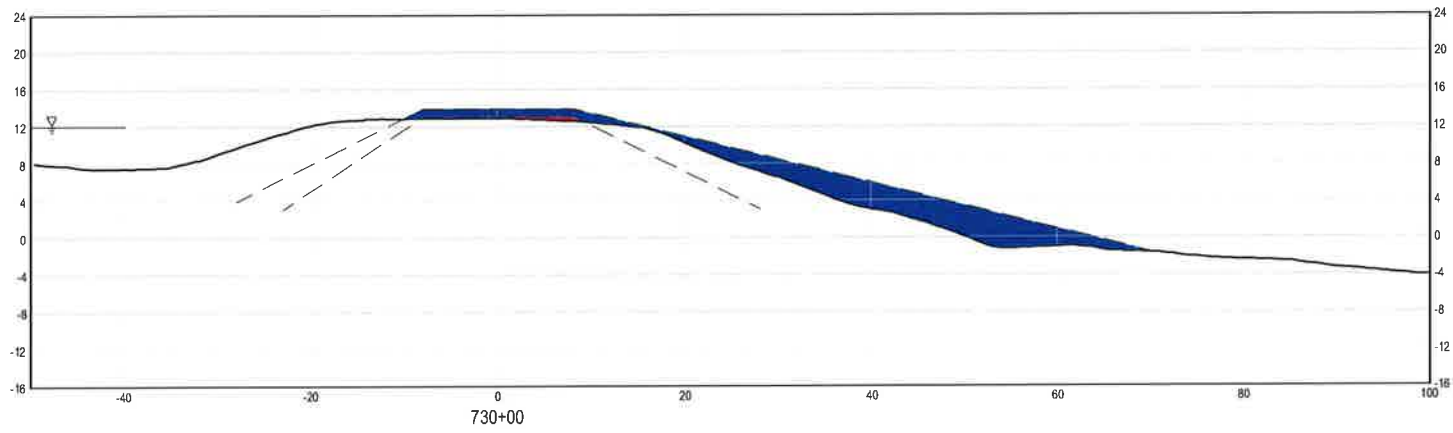
1550 Harbor Drive, Suite 212
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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 690+00 TO STA 720+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-324
 SHEET 40 OF 57
 KSN PROJECT FILE NO.
 0675-1280

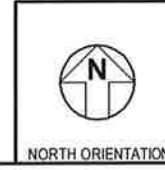
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 PLOT DATE: Aug 12, 2019 - 2:20pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

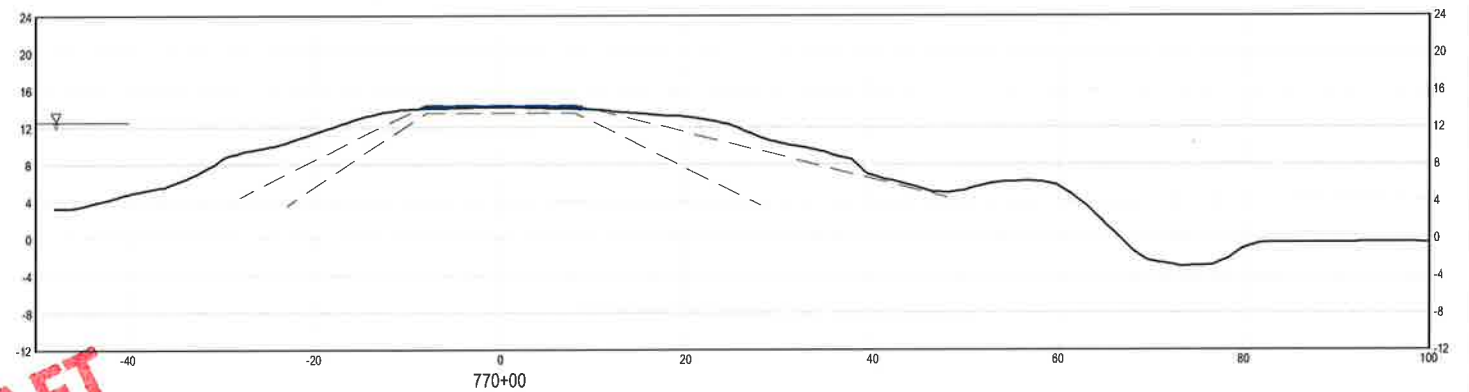
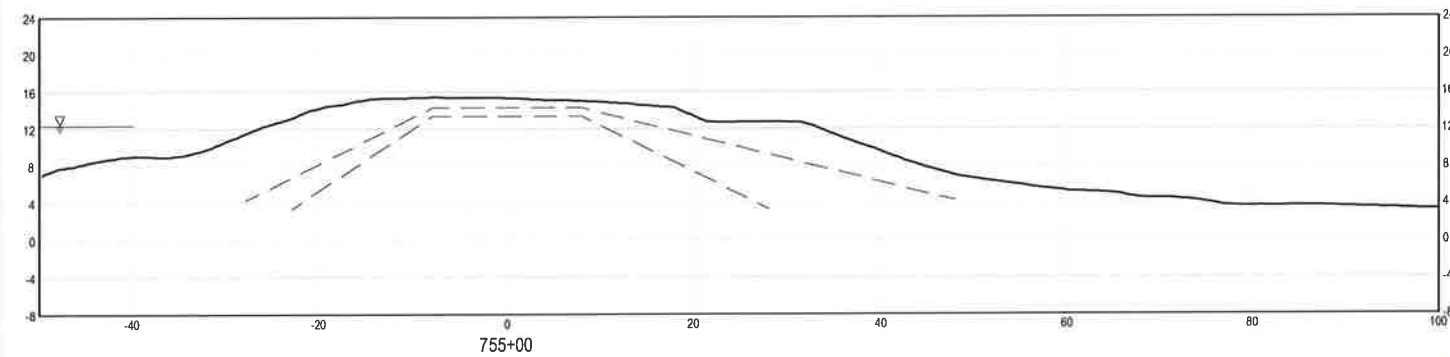
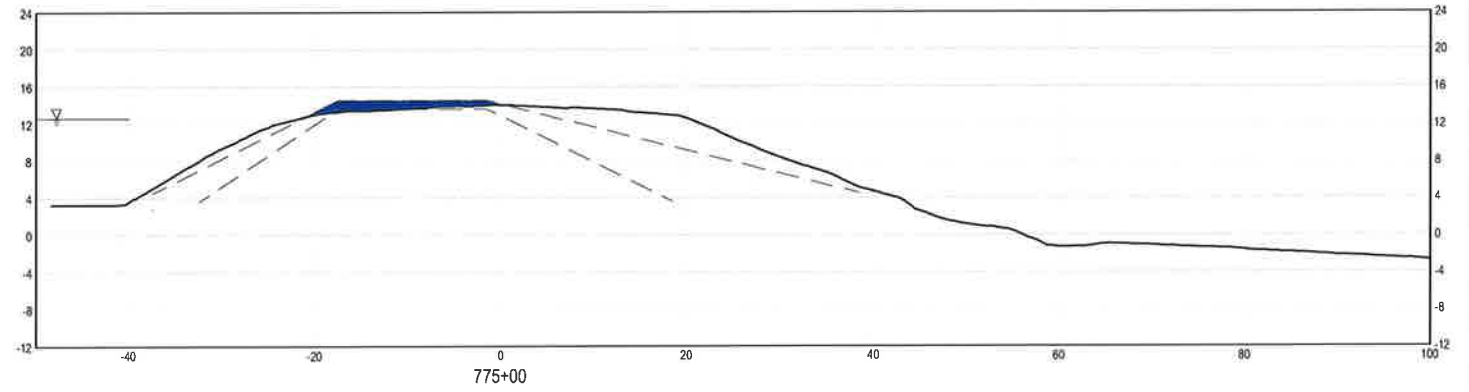
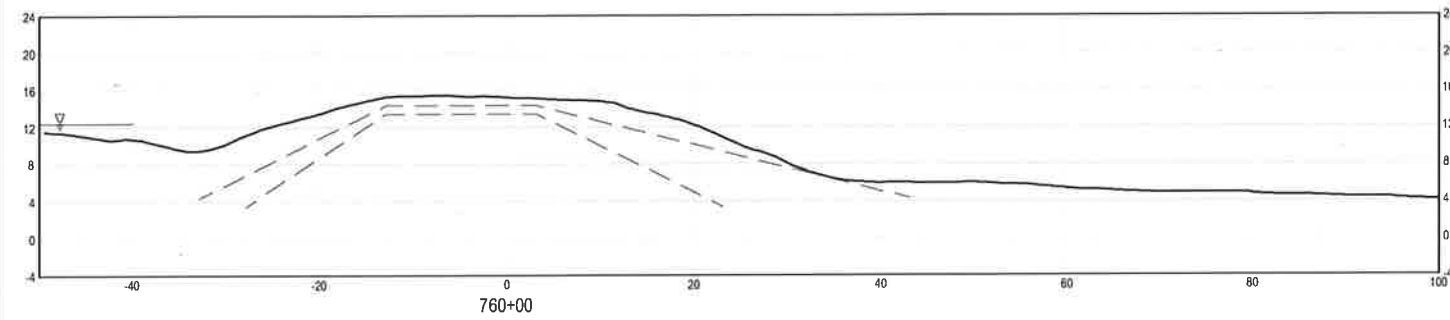
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 West Sacramento, CA 95691
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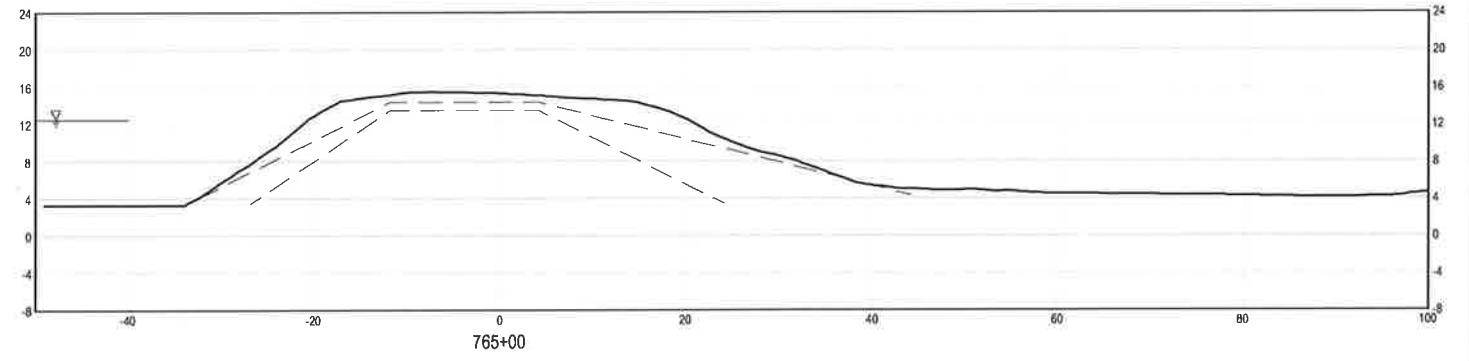
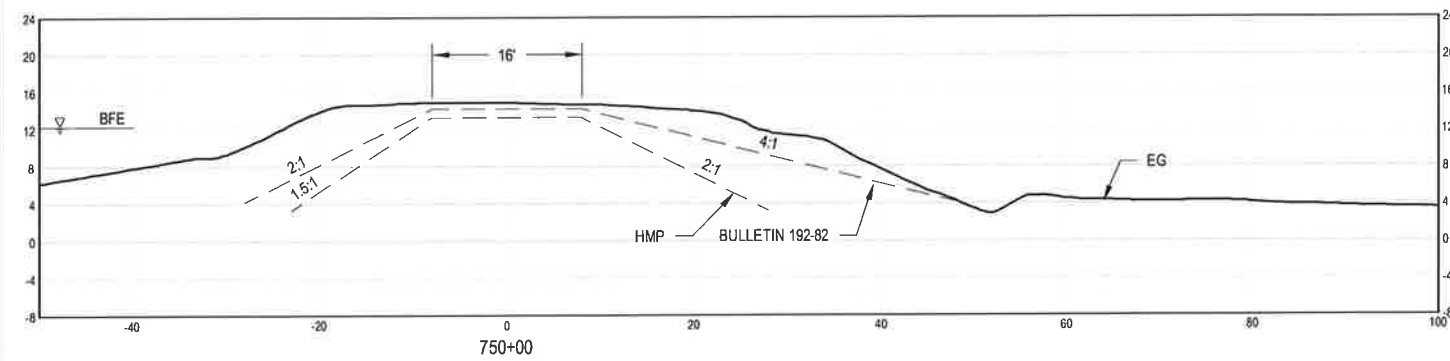
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 720+00 TO STA 750+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-325
 SHEET 41 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675_Tyer_Island\1280_17-18_DWR-5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:20pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA
DRAWN BY	EEA
CHECK BY	CHN
HORIZONTAL DATUM	CCS83, ZONE 2
VERTICAL DATUM	NAVD88

DRAWING SCALE
1" = 10'

ORIGINAL DRAWING SCALE
0 1/2" 1"

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1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

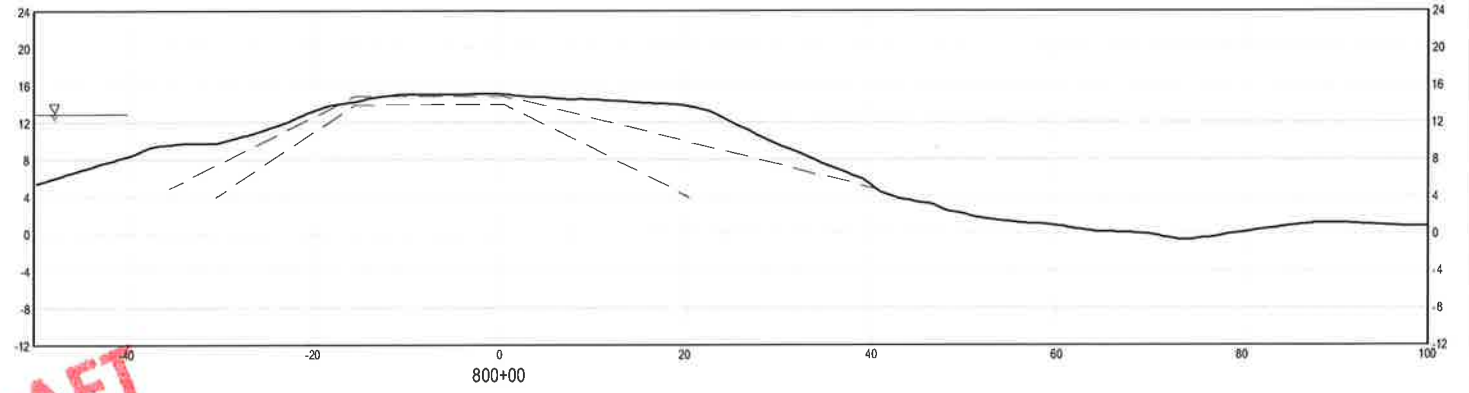
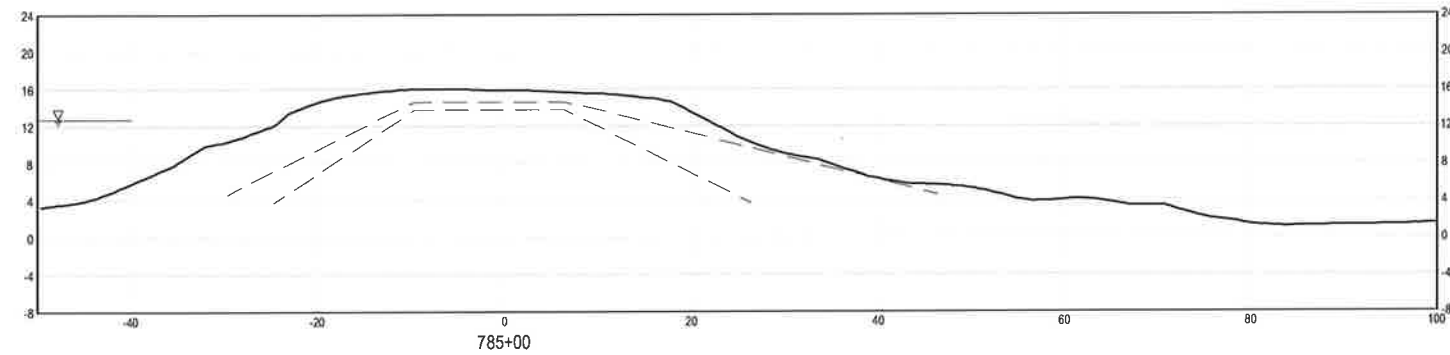
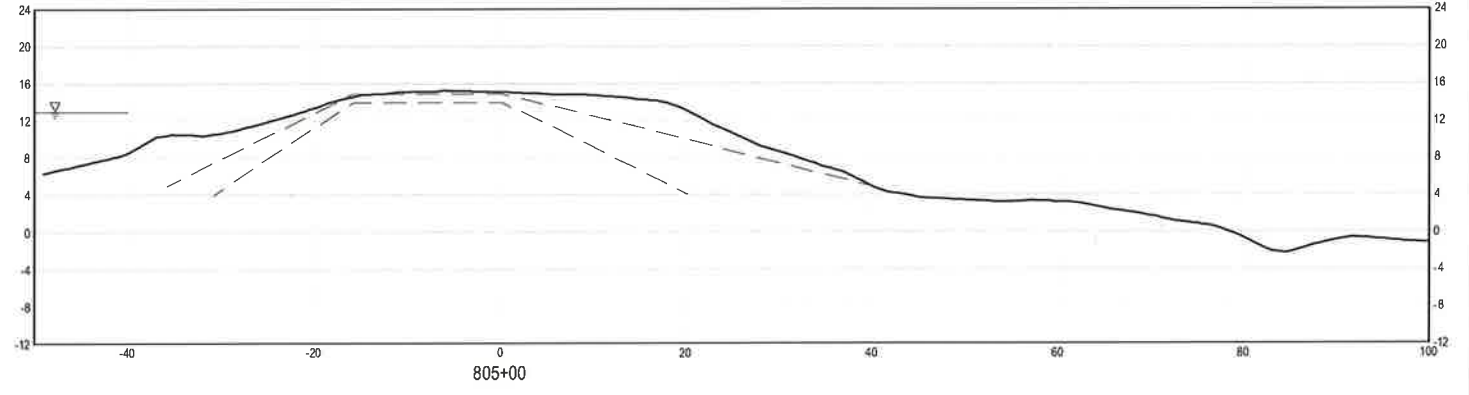
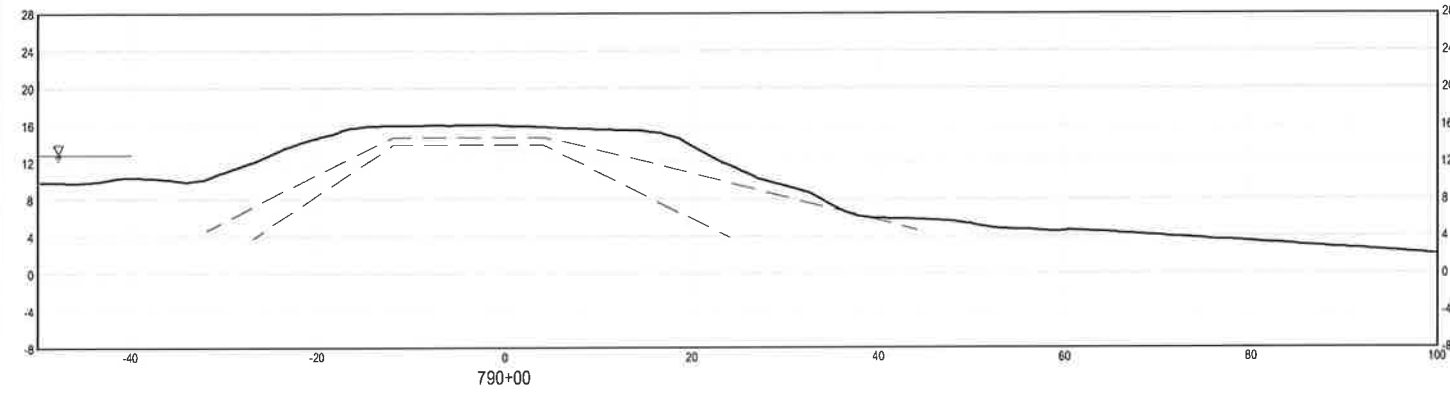
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

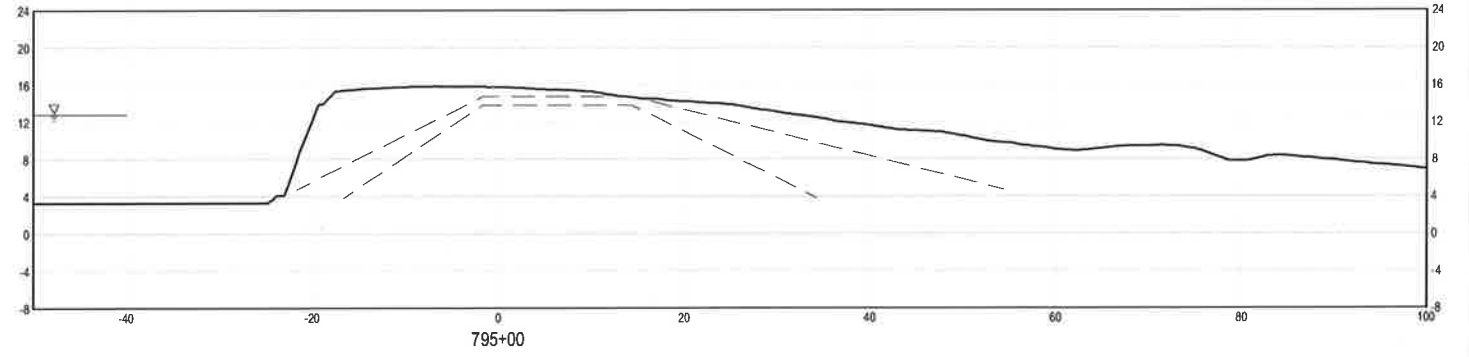
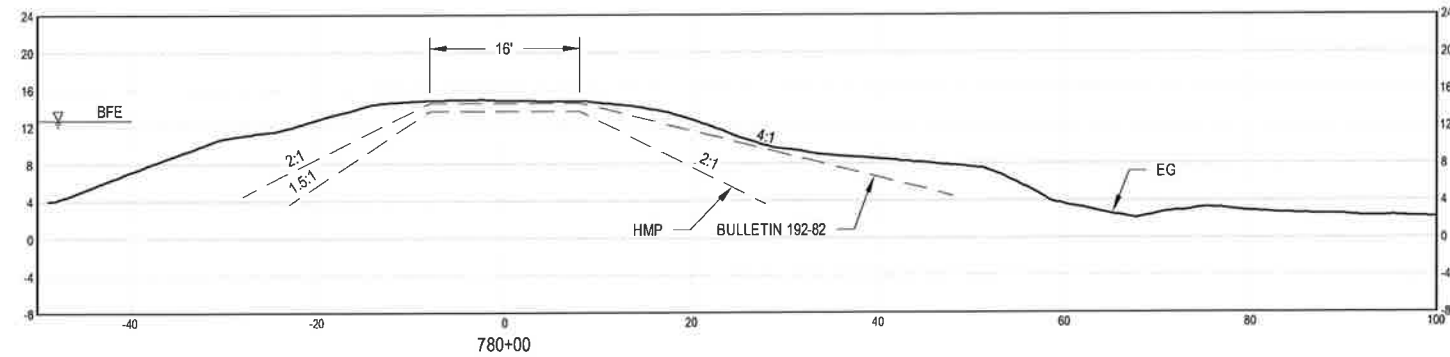
SHEET IDENTIFICATION
V-326
 SHEET 42 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 750+00 TO STA 780+00

FILE SPEC: P:\0675_T\ref_islands\1280_17-18_DWR_S_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:21pm



DRAFT





DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

-  BULLETIN 192-82 NON-COMPLIANT
-  HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA	DRAWING SCALE	1" = 10'
DRAWN BY	EEA	ORIGINAL DRAWING SCALE	0 1/2" 1"
CHECK BY	CHN		
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

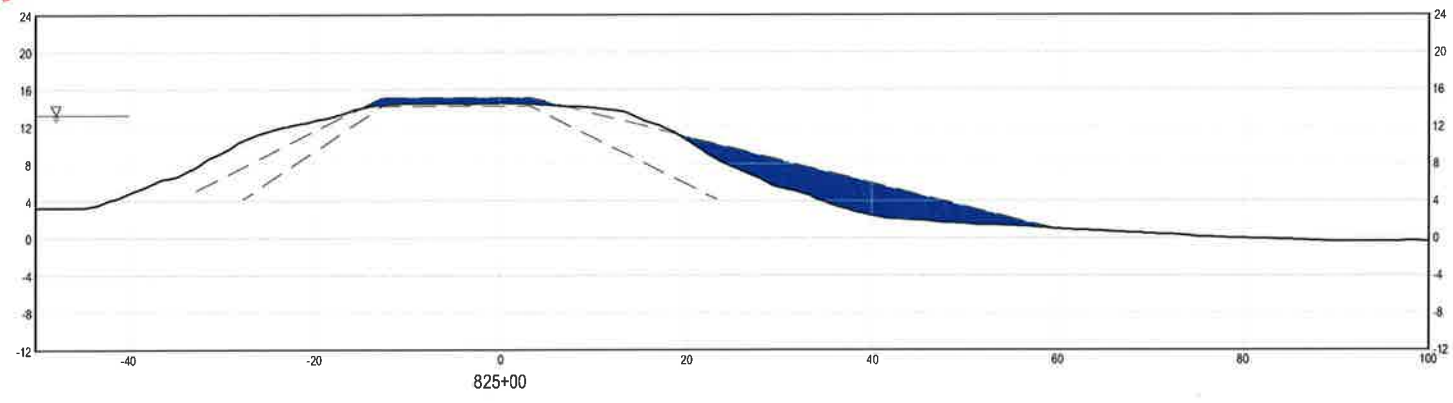
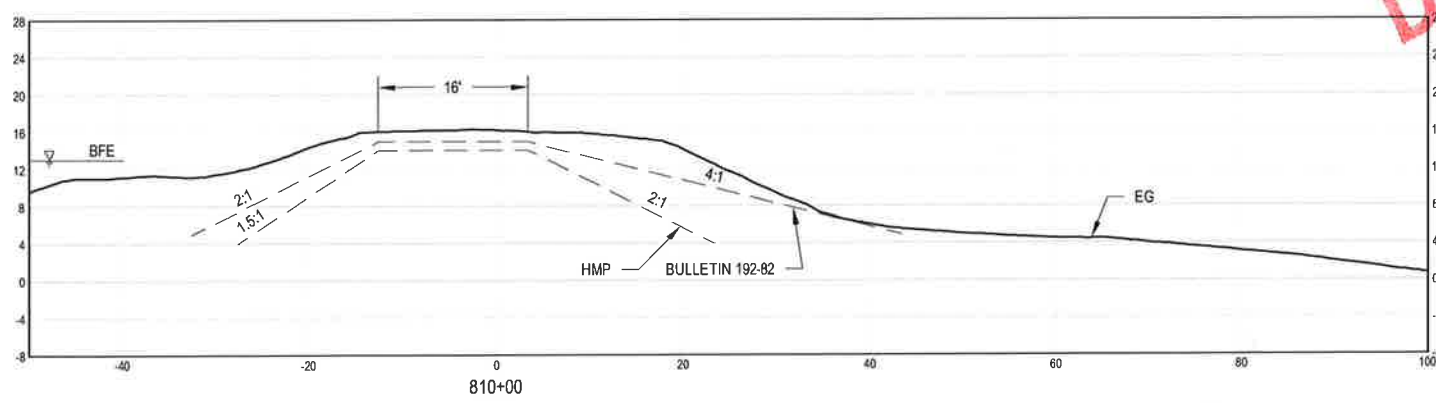
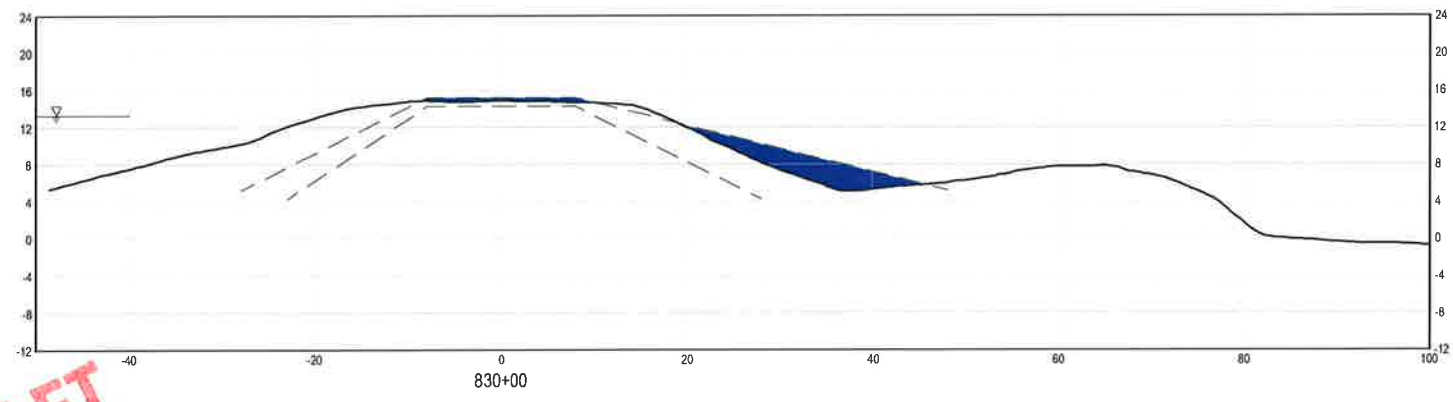
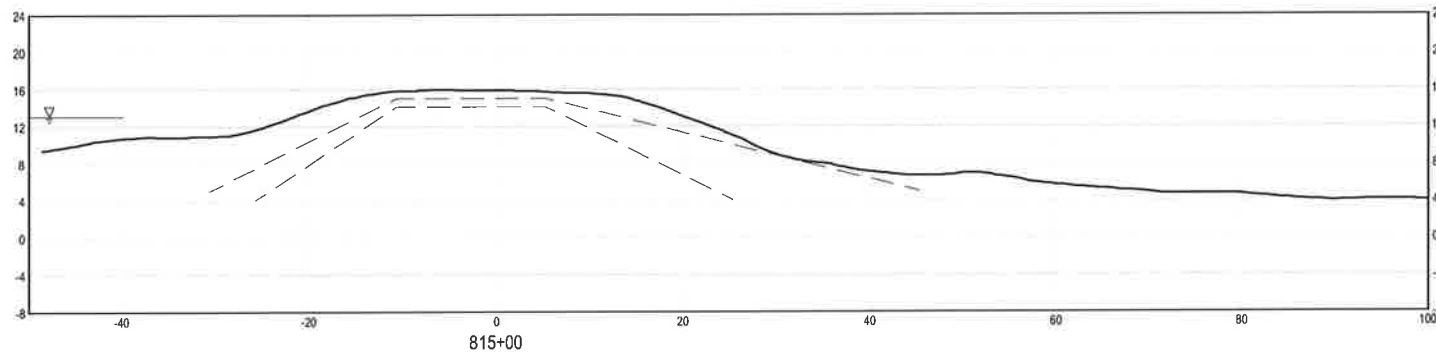
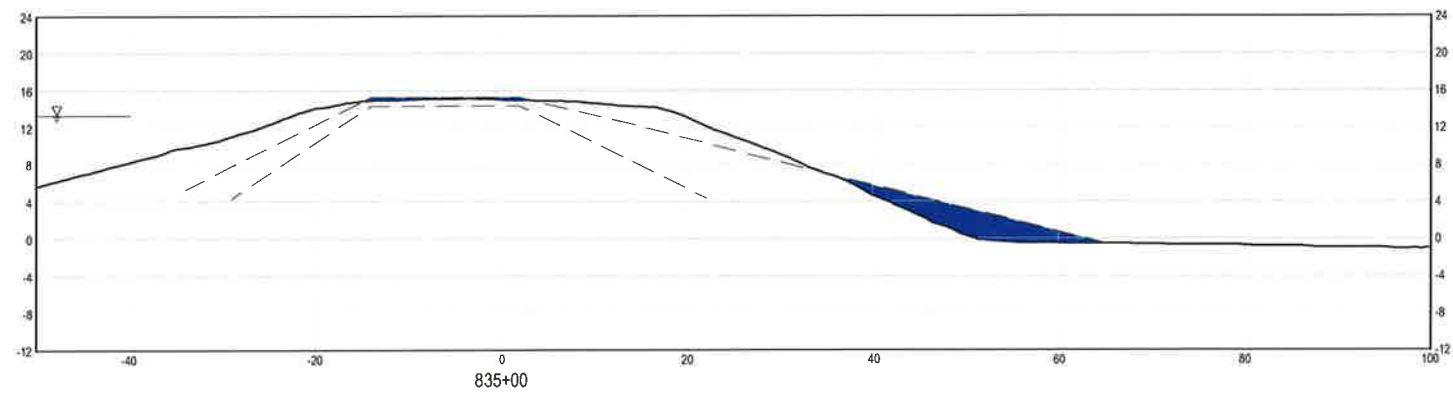
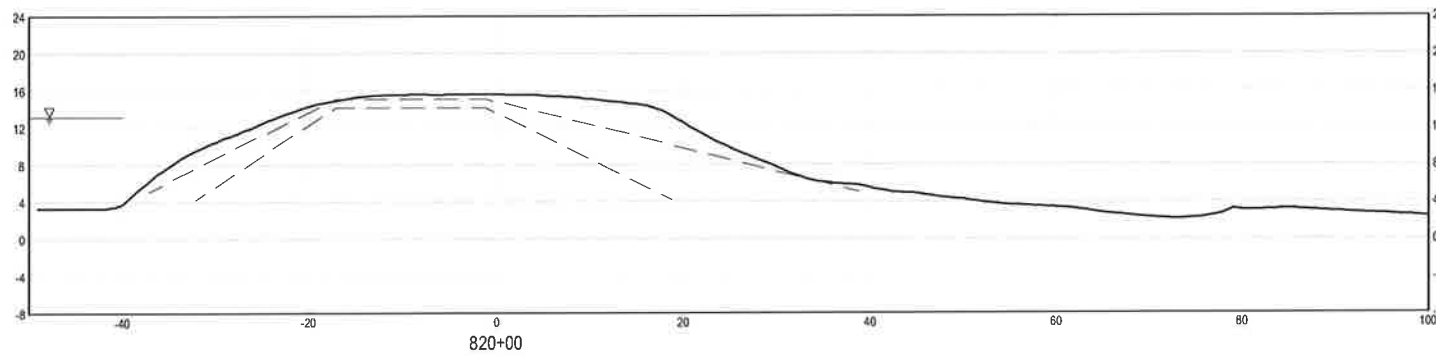
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-327
 SHEET 43 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 780+00 TO STA 810+00

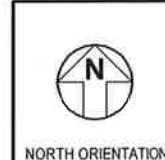
FILE SPEC: P:\0675_Tyler_Islond\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:21pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

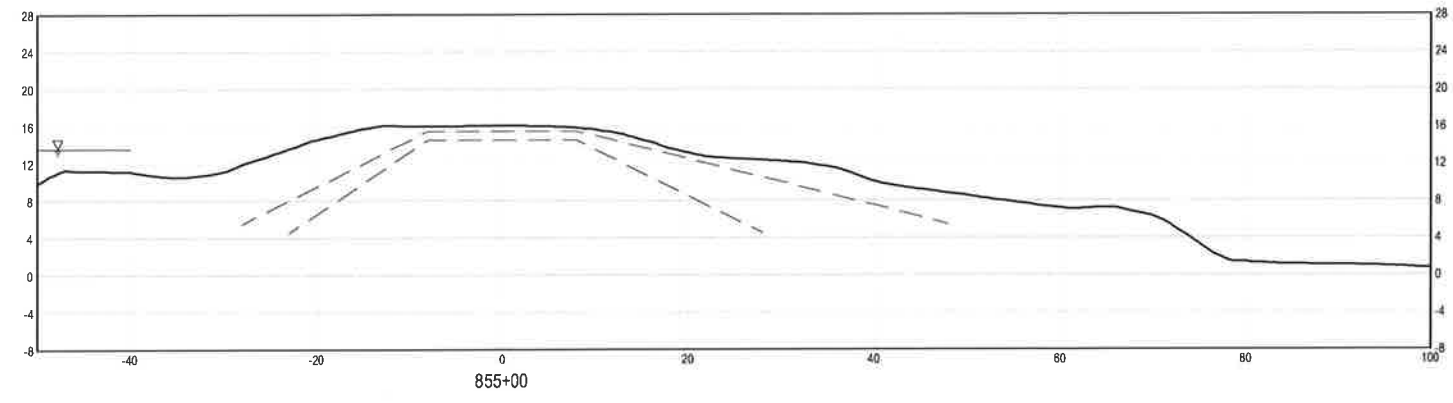
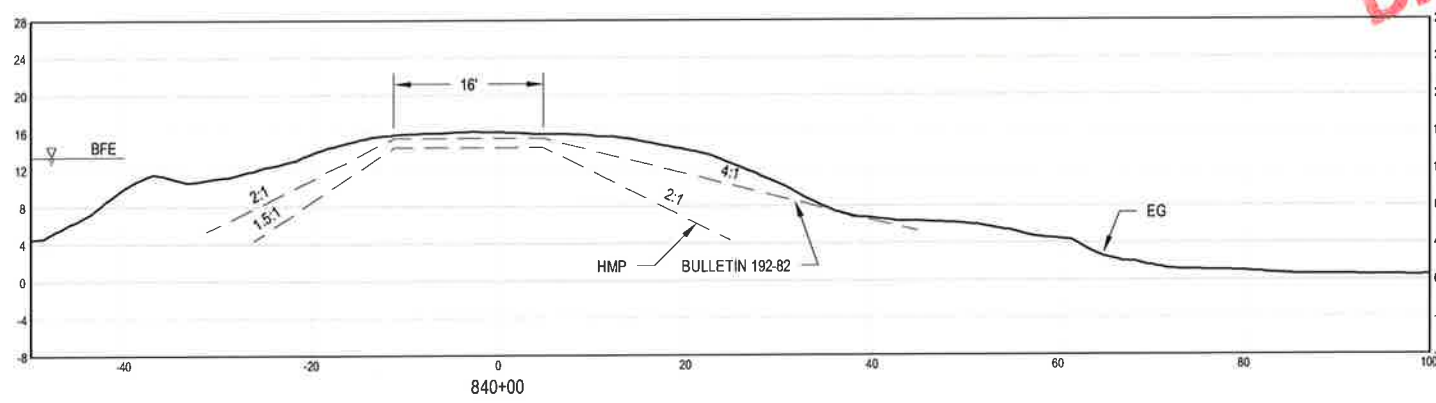
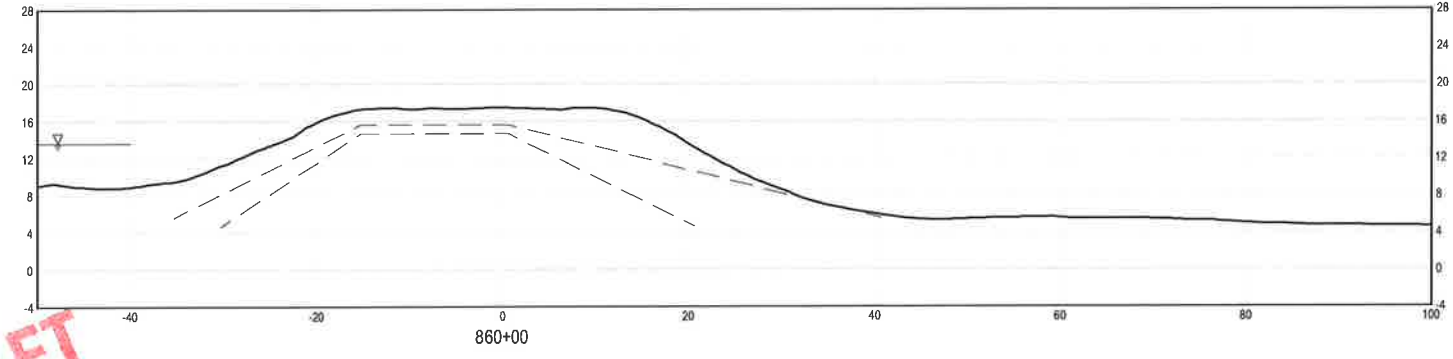
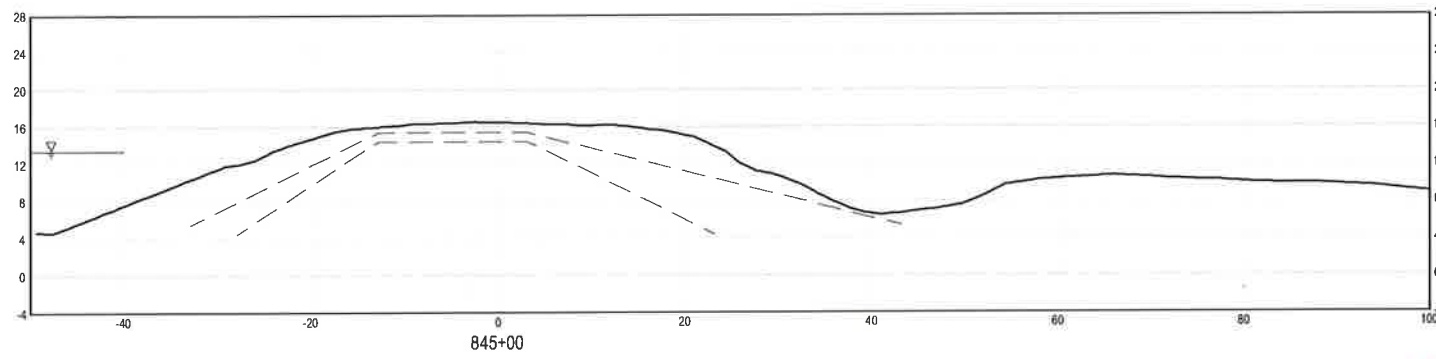
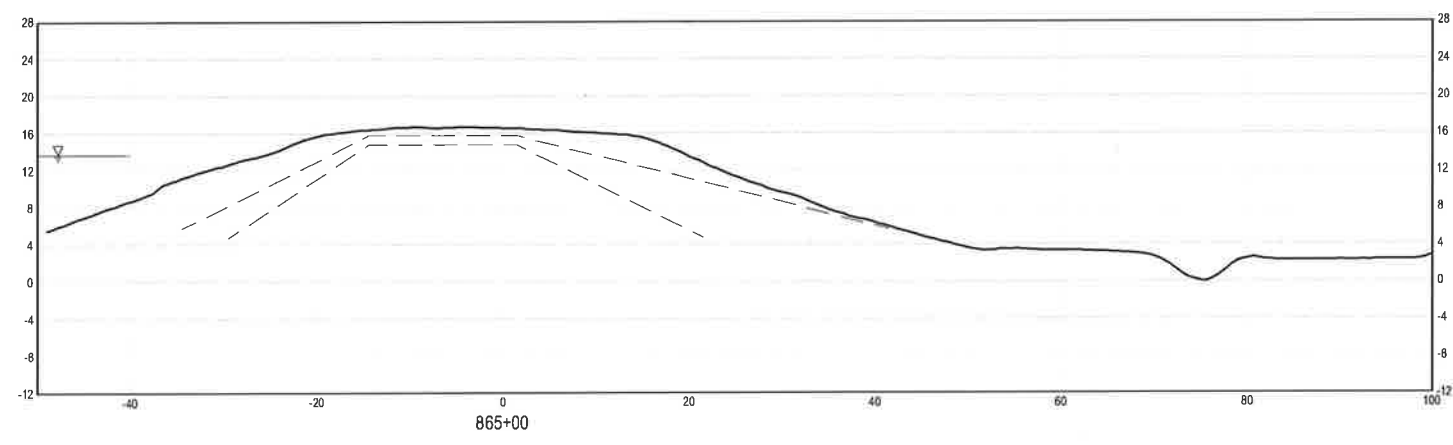
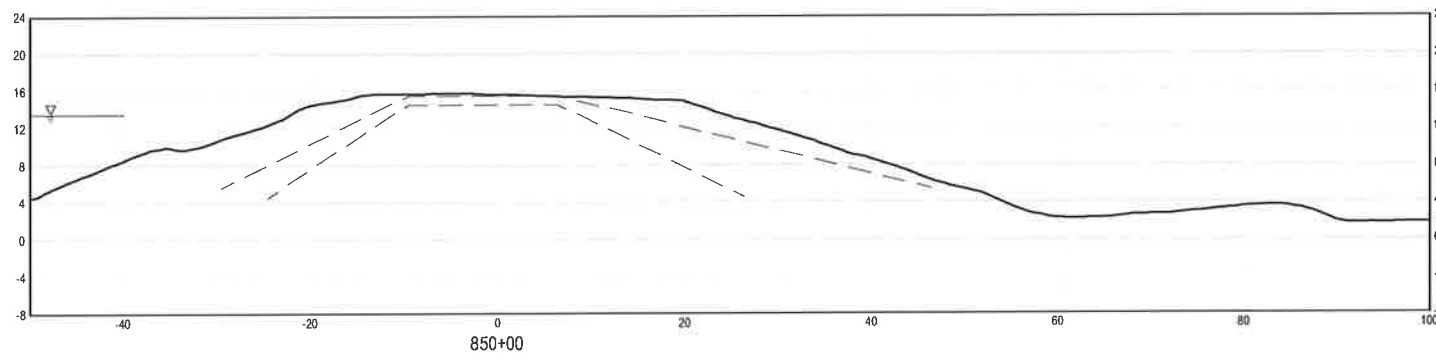
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-328
 SHEET 44 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 810+00 TO STA 840+00

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:22pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

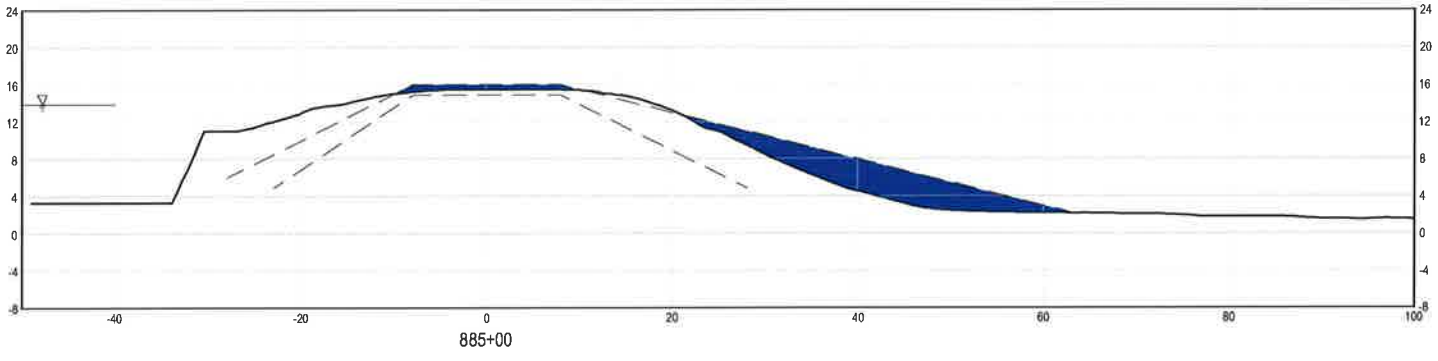
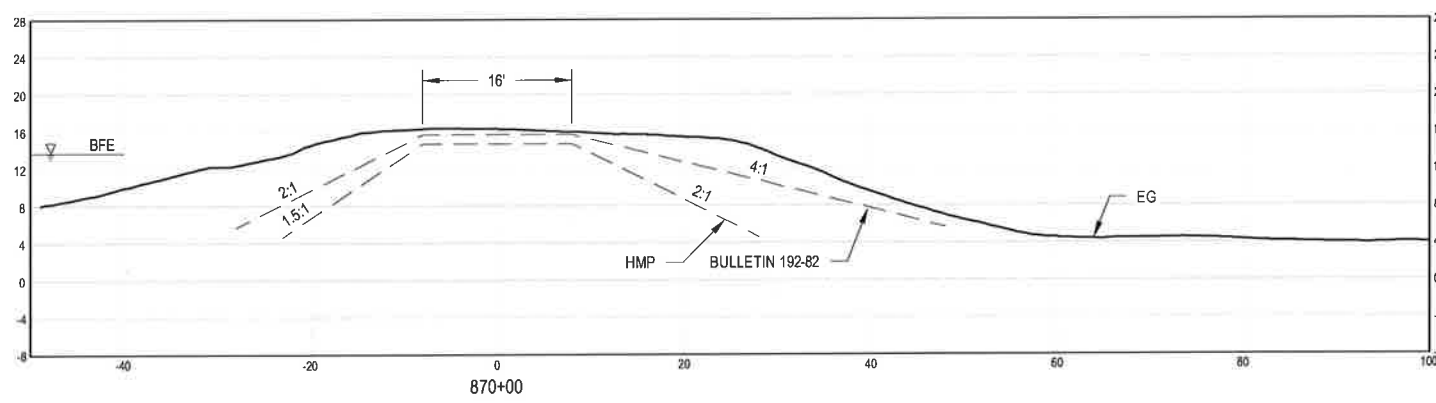
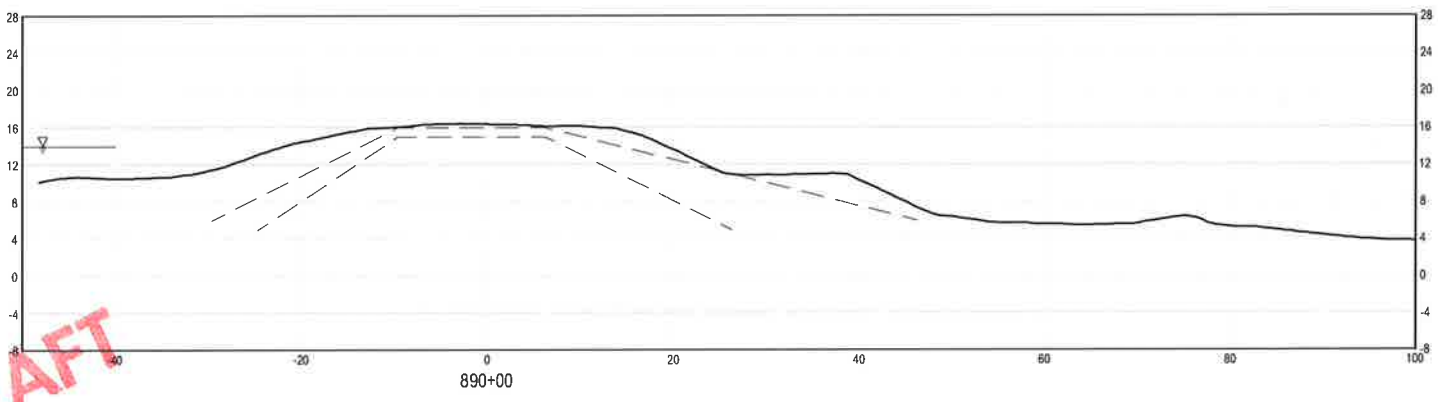
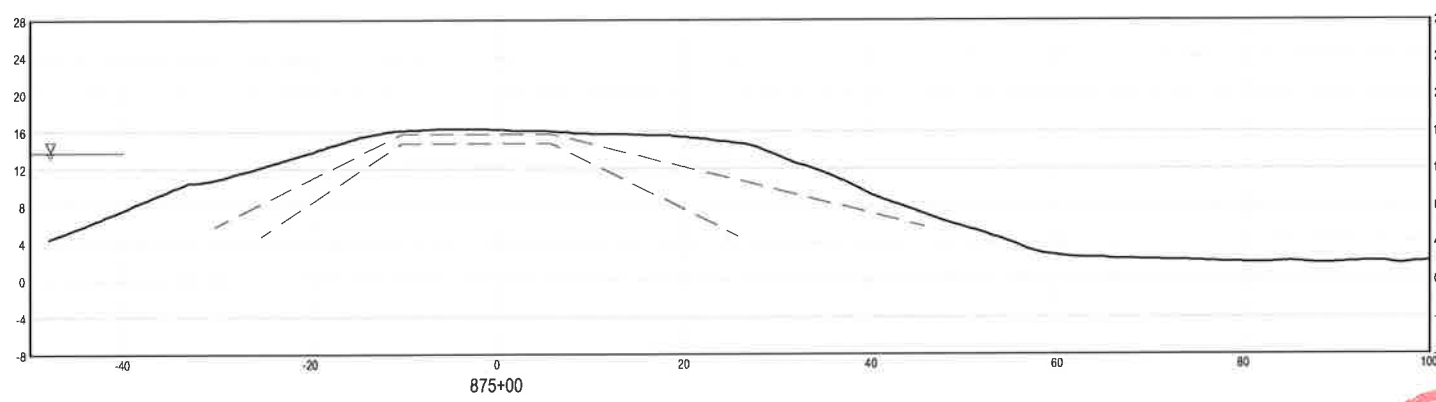
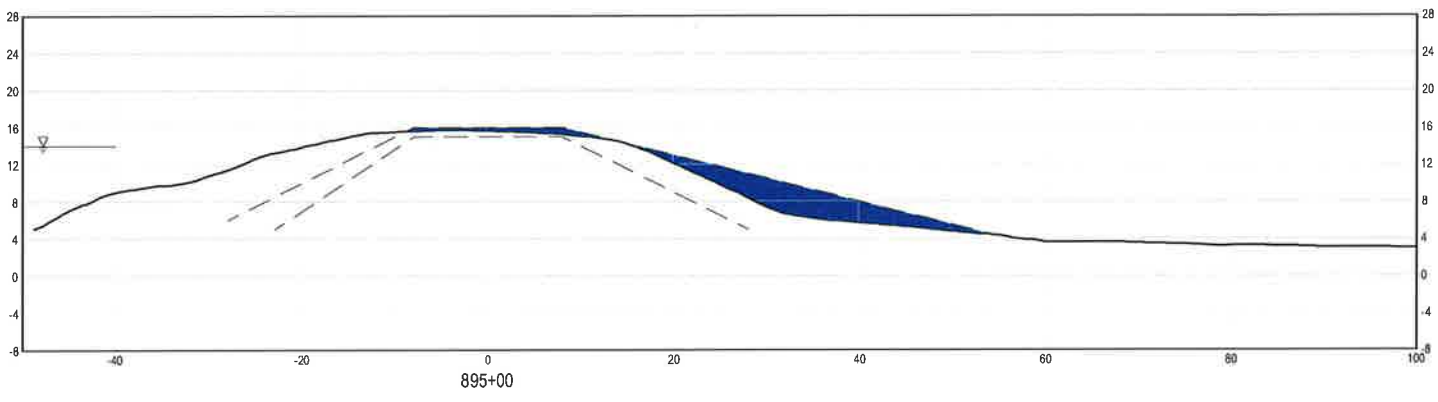
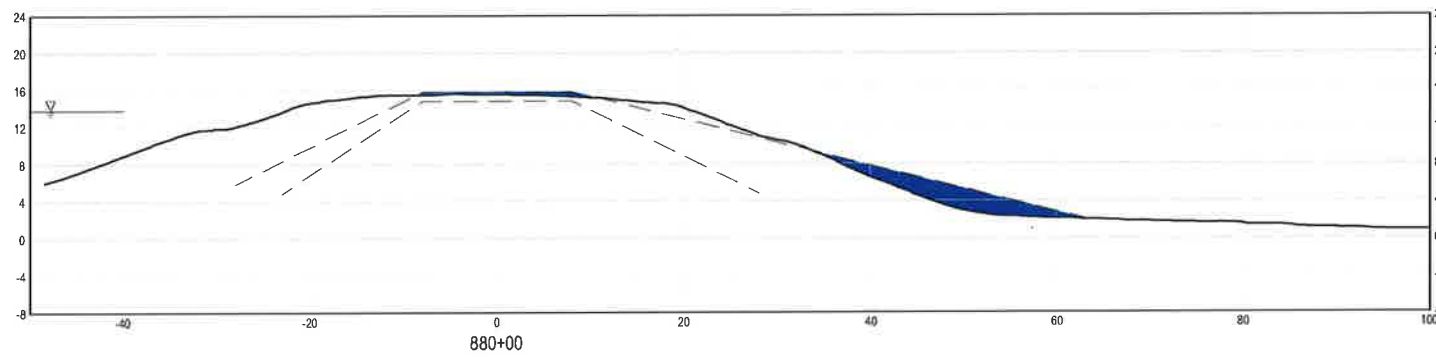
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 SECTIONS
 STA 840+00 TO STA 870+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-329
 SHEET 45 OF 57
 KSN PROJECT FILE NO.
 0675-1280

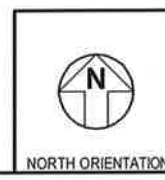
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 PLOT DATE: Aug 12, 2019 - 2:23pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
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 ORIGINAL DRAWING SCALE
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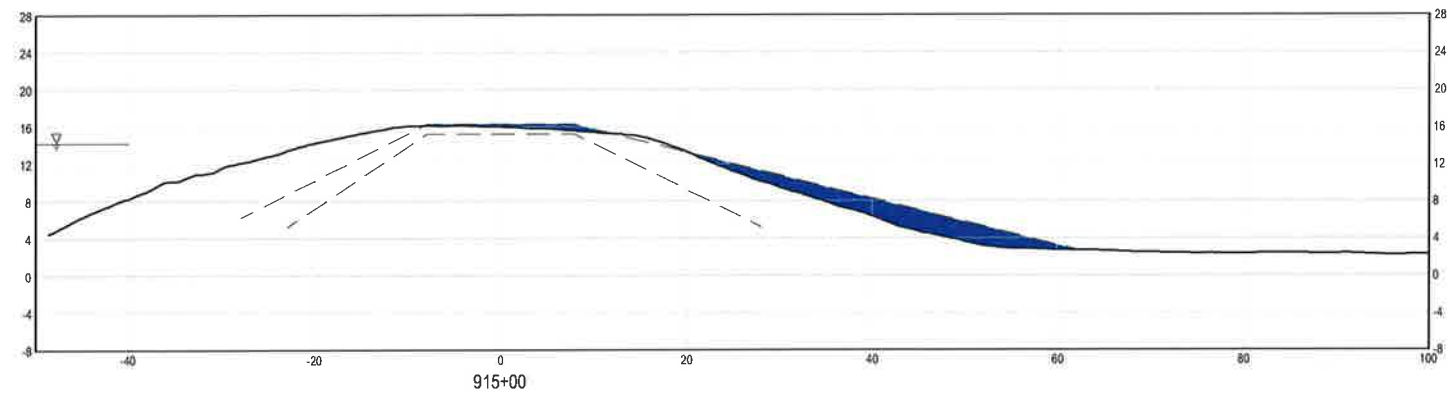
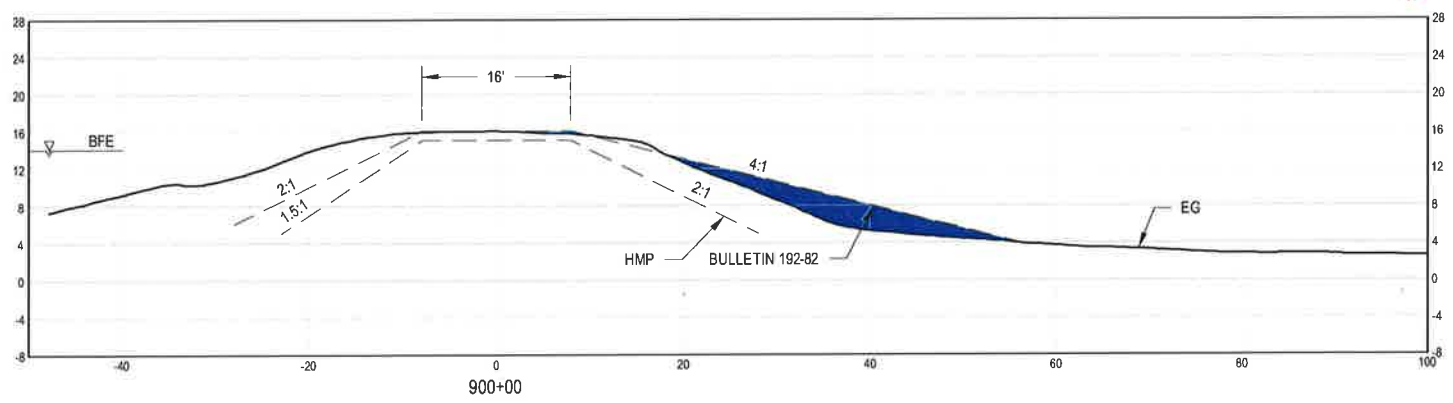
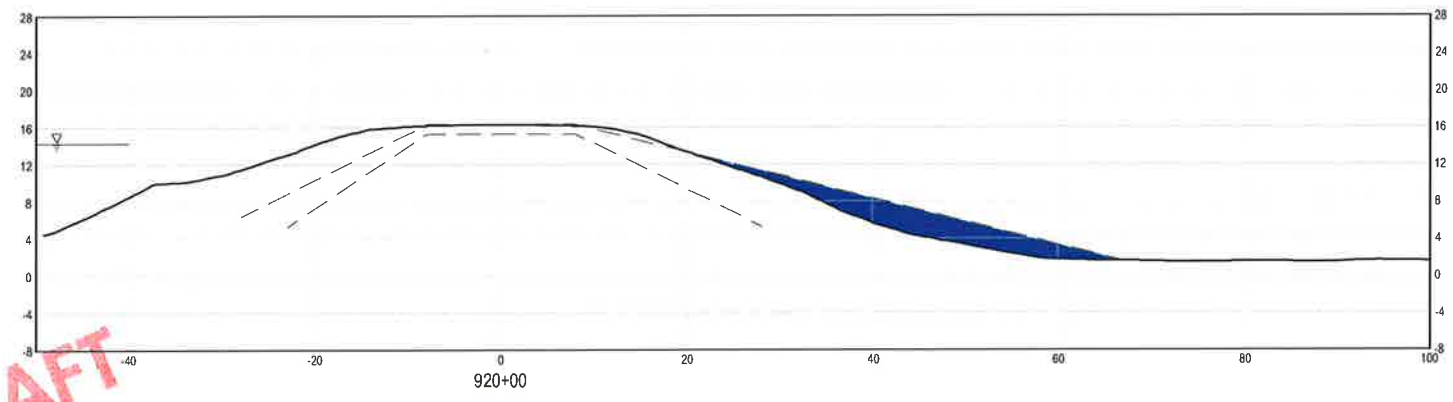
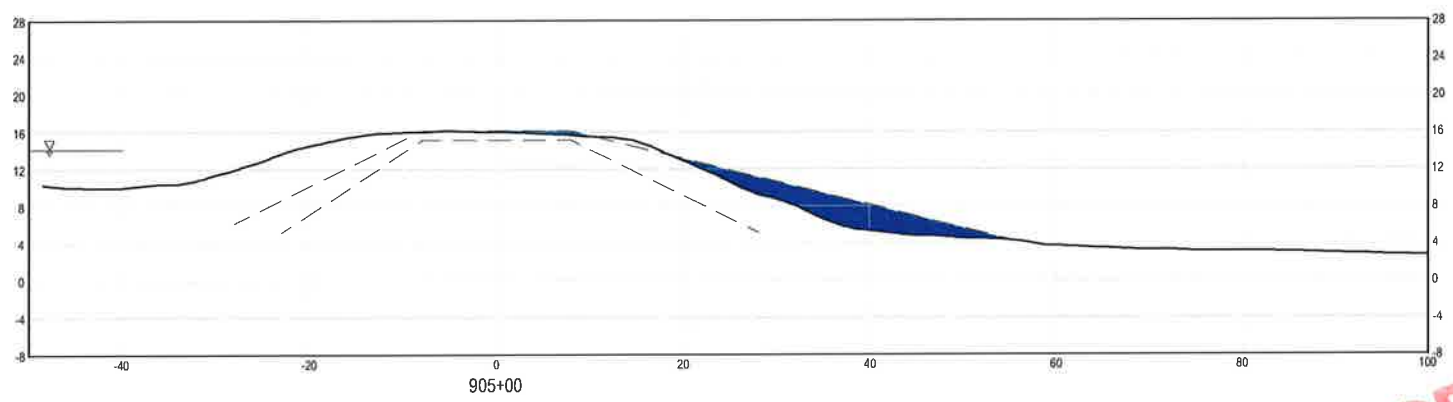
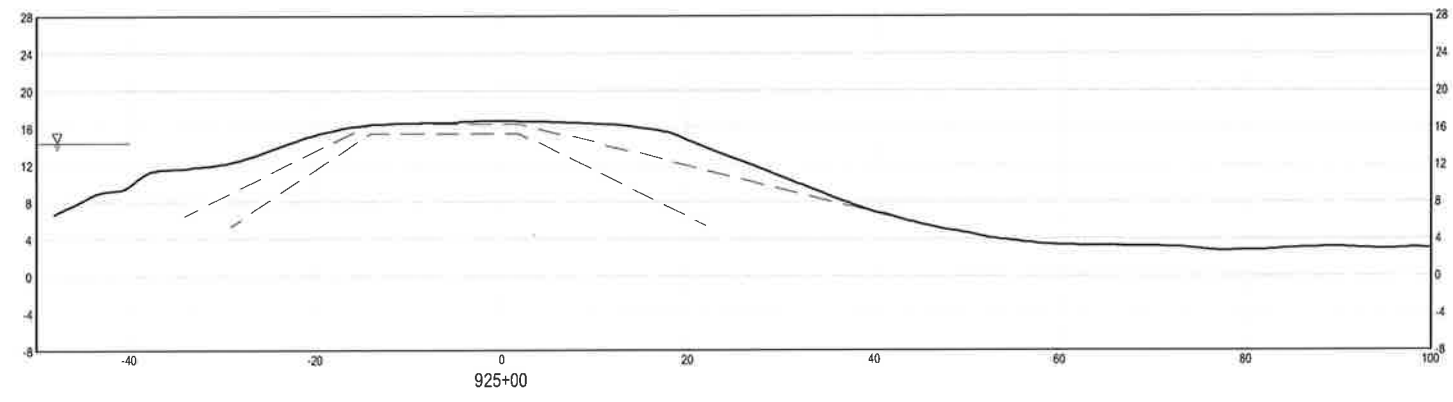
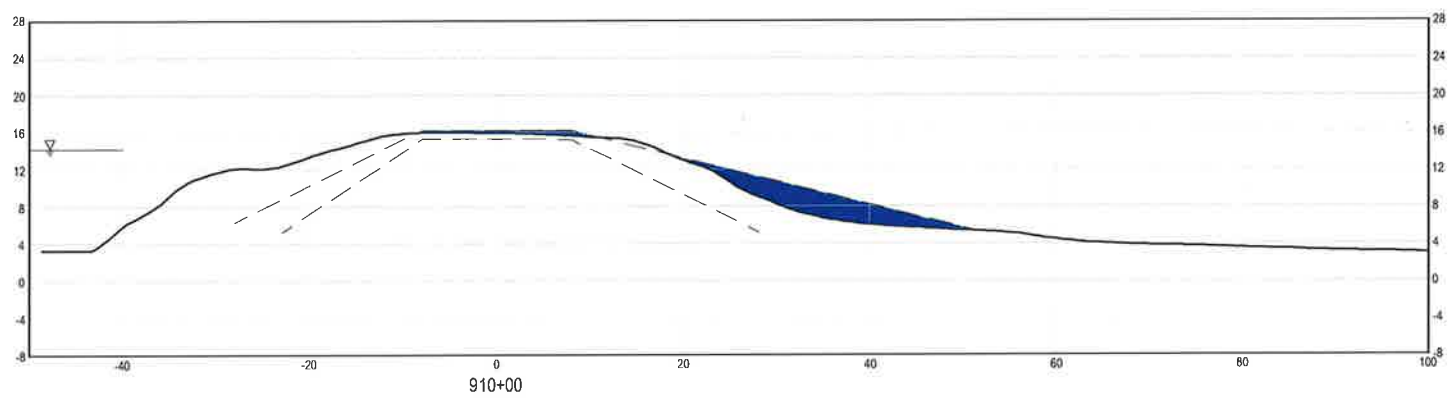
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 West Sacramento, CA 95691
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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 870+00 TO STA 900+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-330
 SHEET 46 OF 57
 KSN PROJECT FILE NO.
 0675-1280

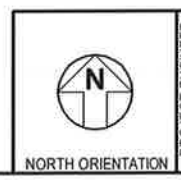
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 PLOT DATE: Aug 12, 2019 - 2:23pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

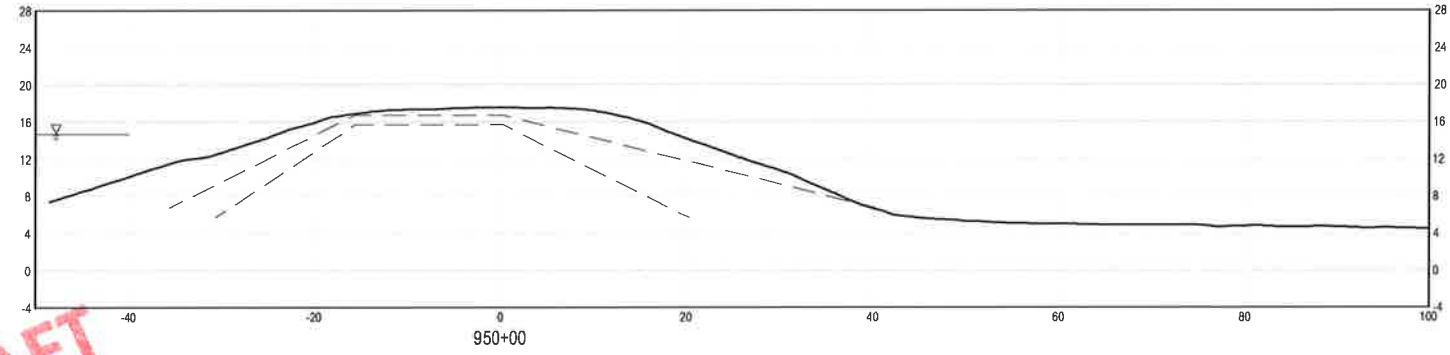
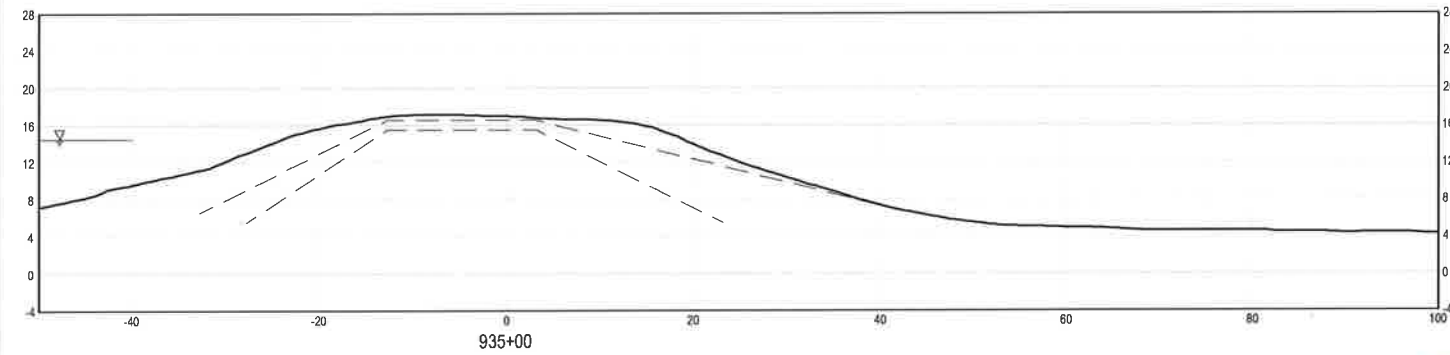
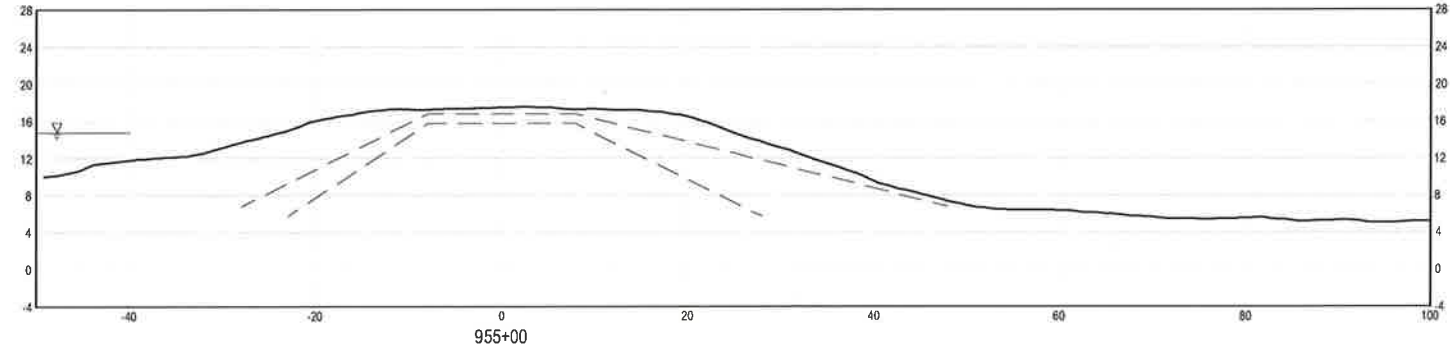
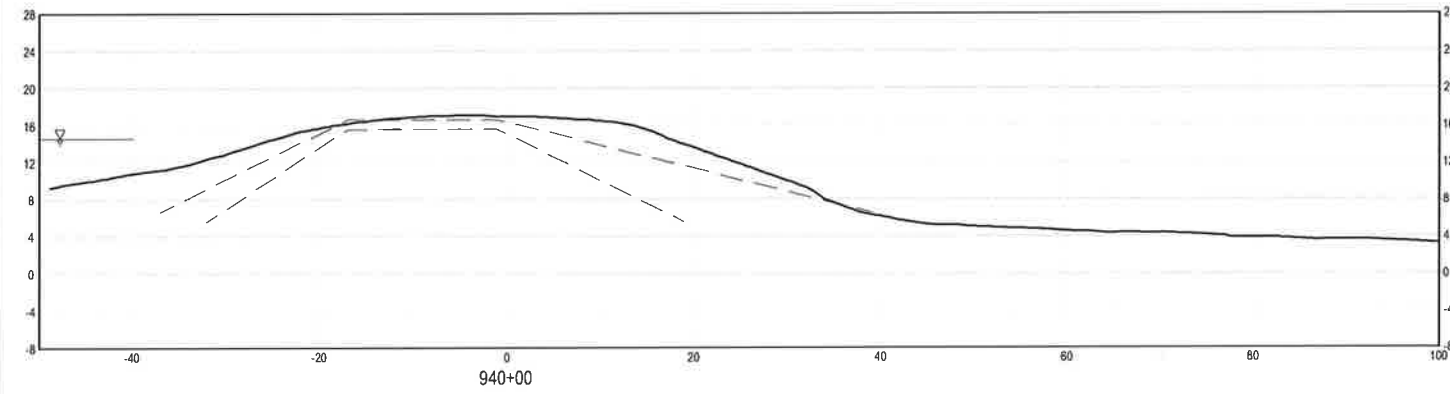
DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-6900

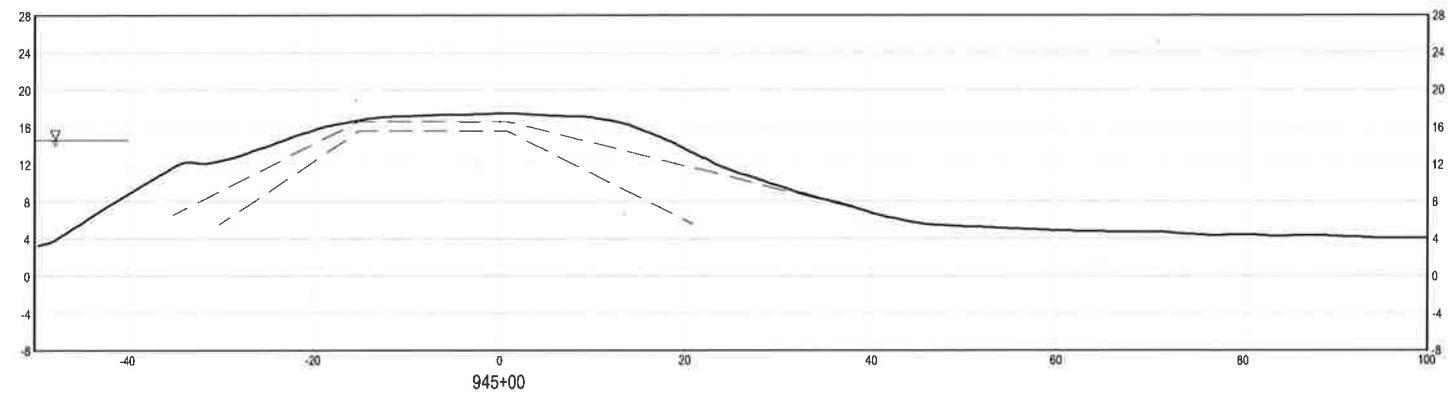
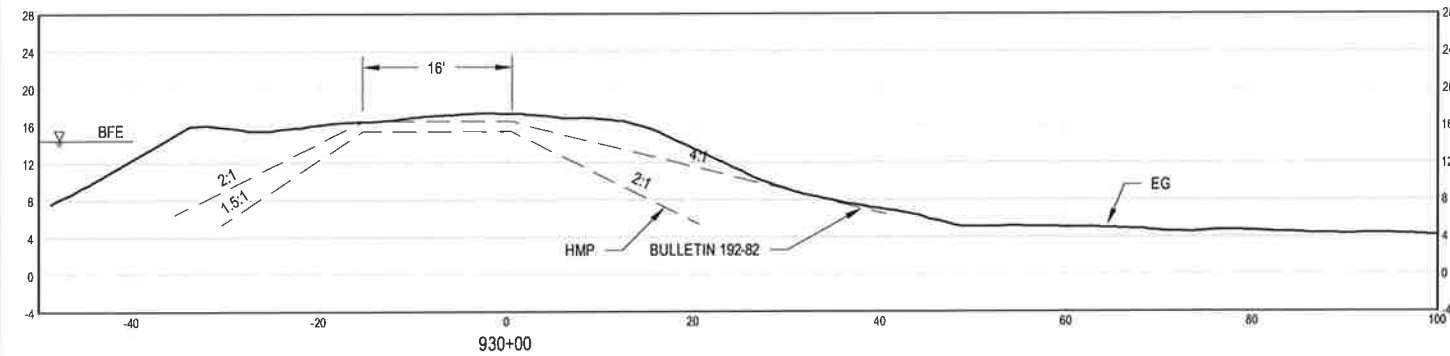
RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 SECTIONS
 STA 900+00 TO STA 930+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-331
 SHEET 47 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE: S:\0675_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:24pm



DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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 209-946-0268

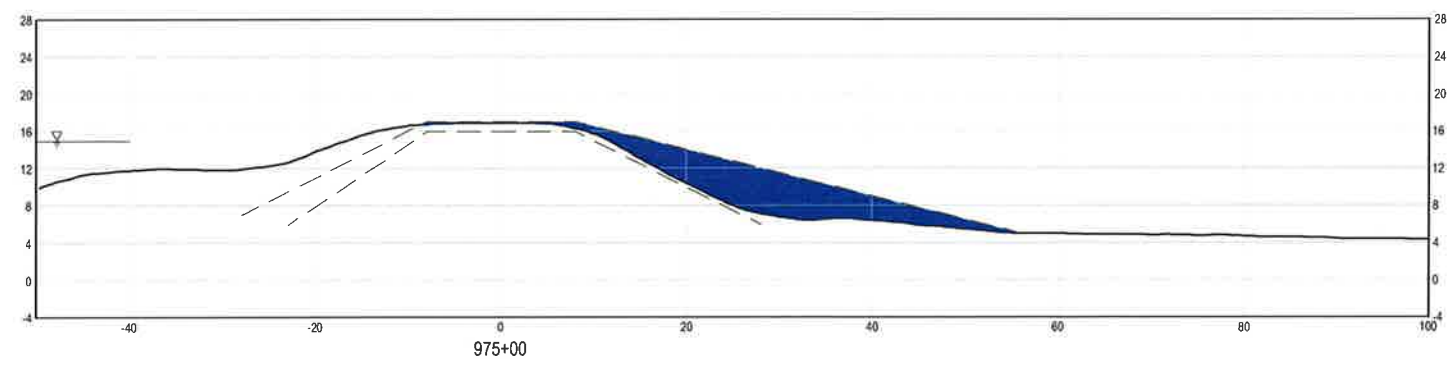
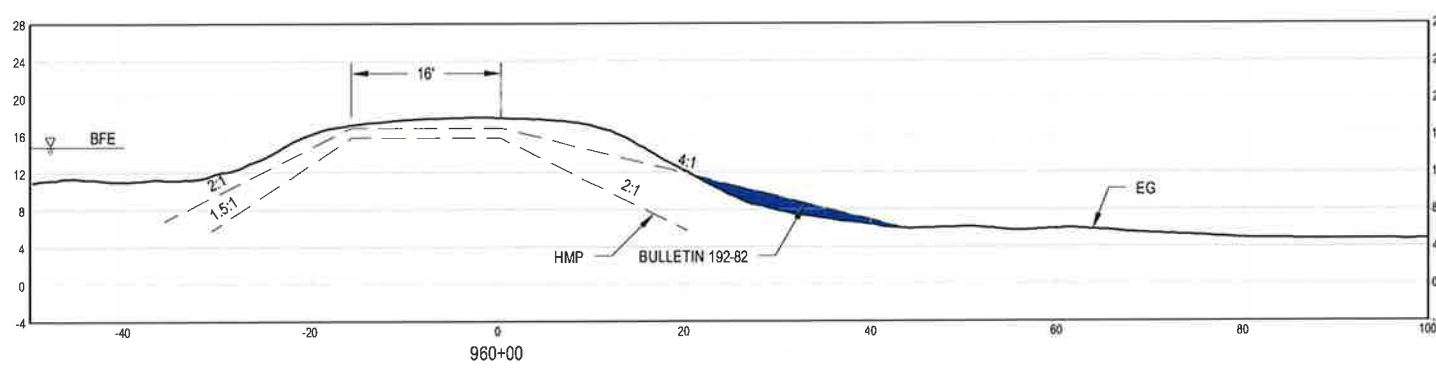
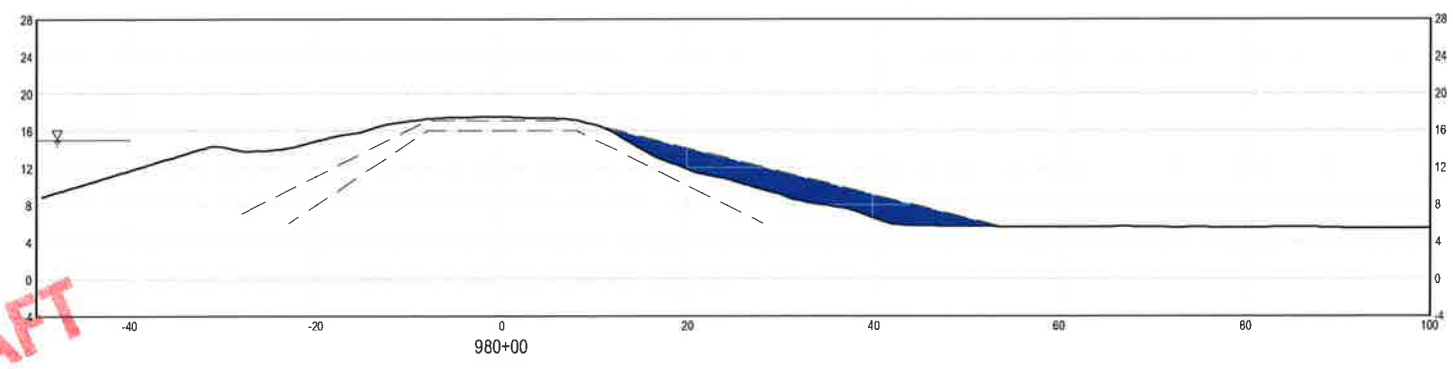
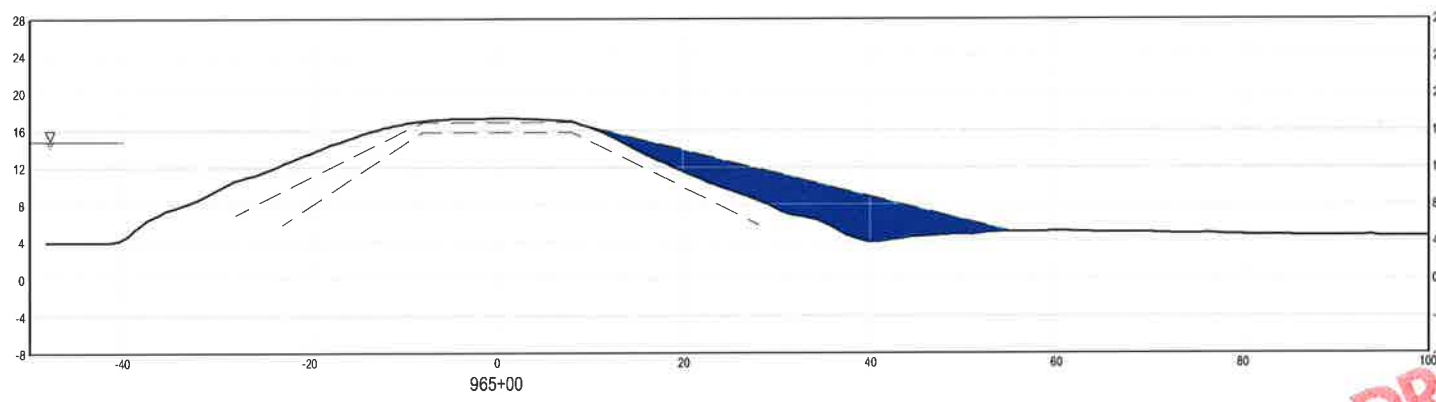
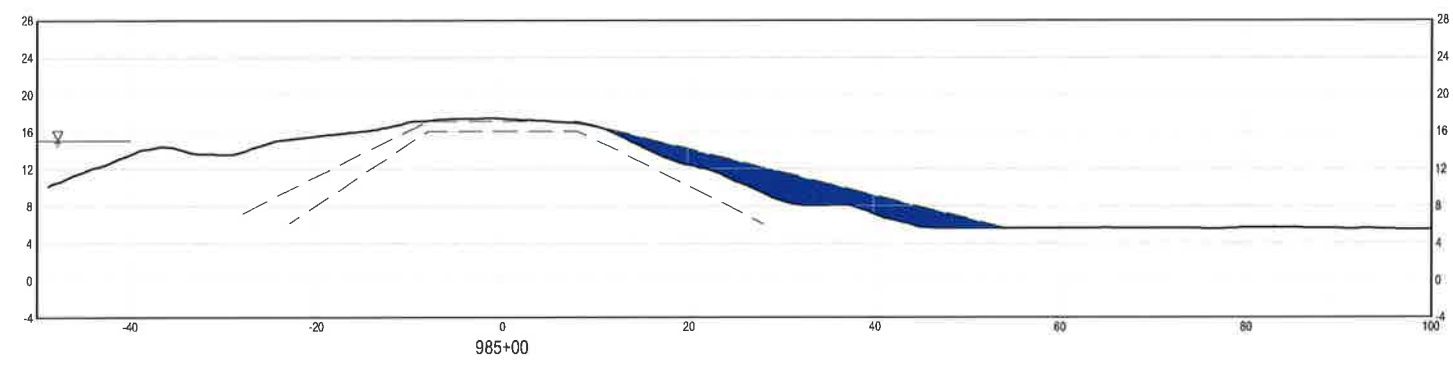
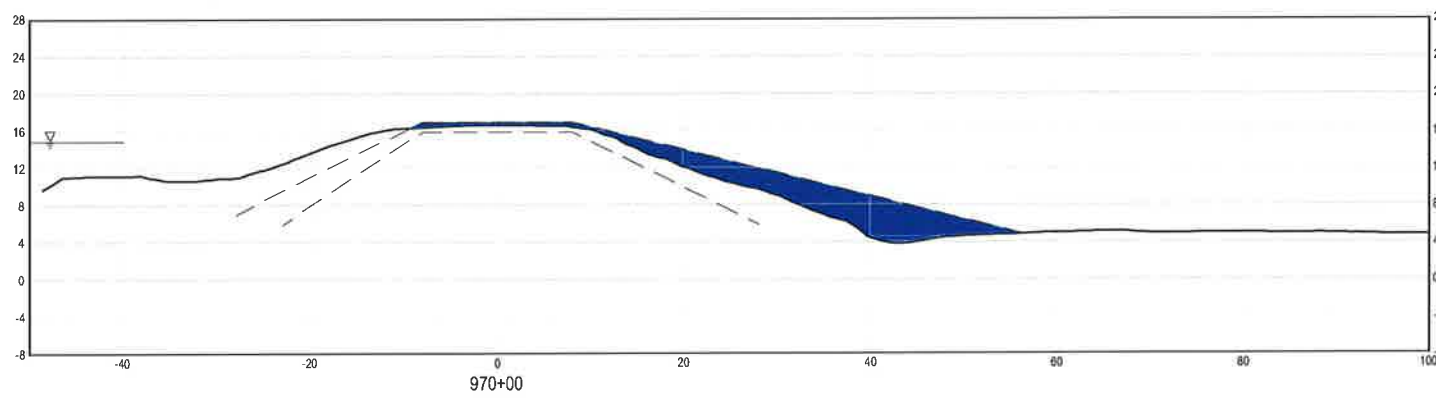
1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-332
 SHEET 48 OF 57
 KSN PROJECT FILE NO.
 0675-1280

SECTIONS
 STA 930+00 TO STA 960+00

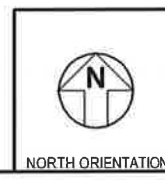
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 PLOT DATE: Aug 12, 2019 - 2:24pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
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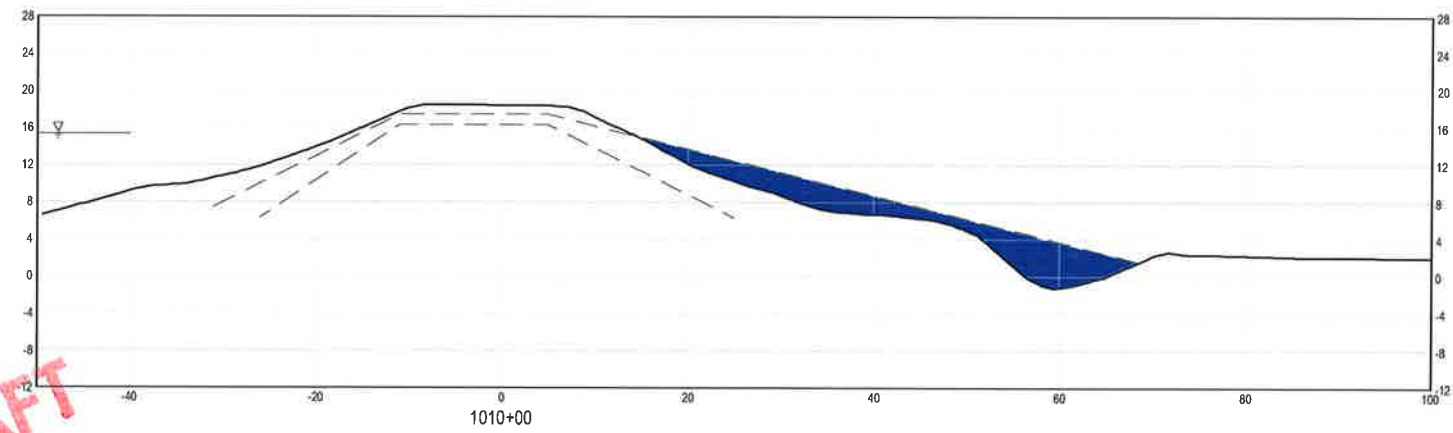
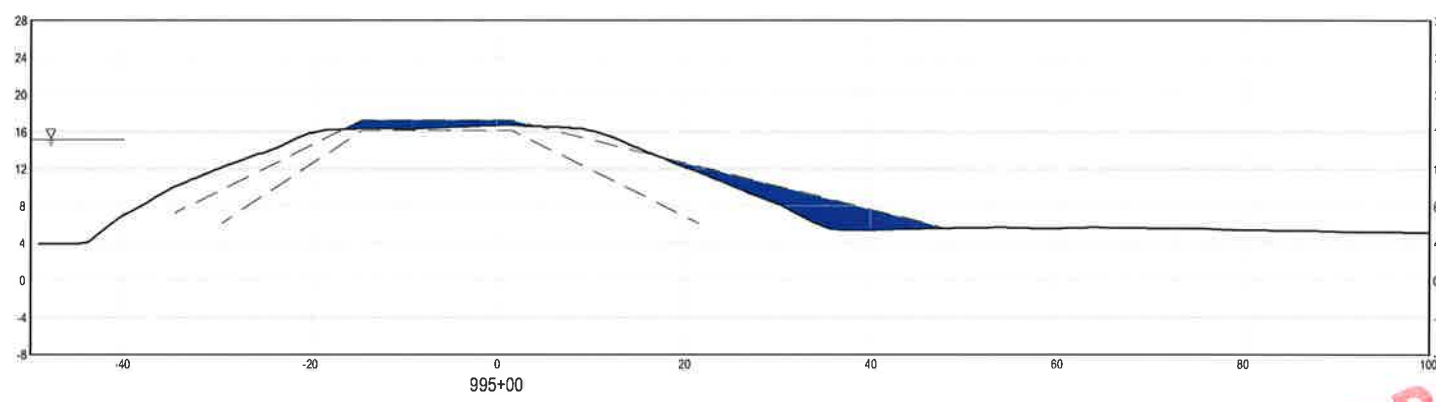
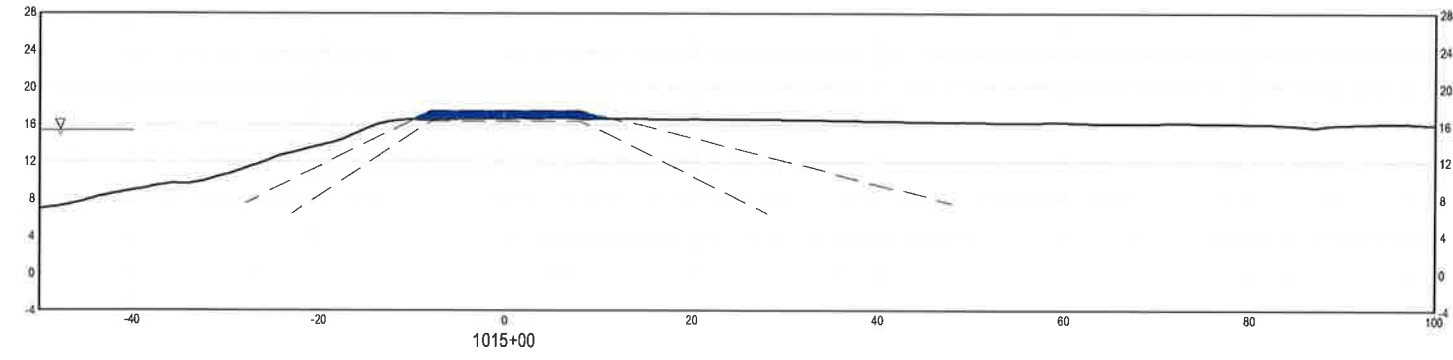
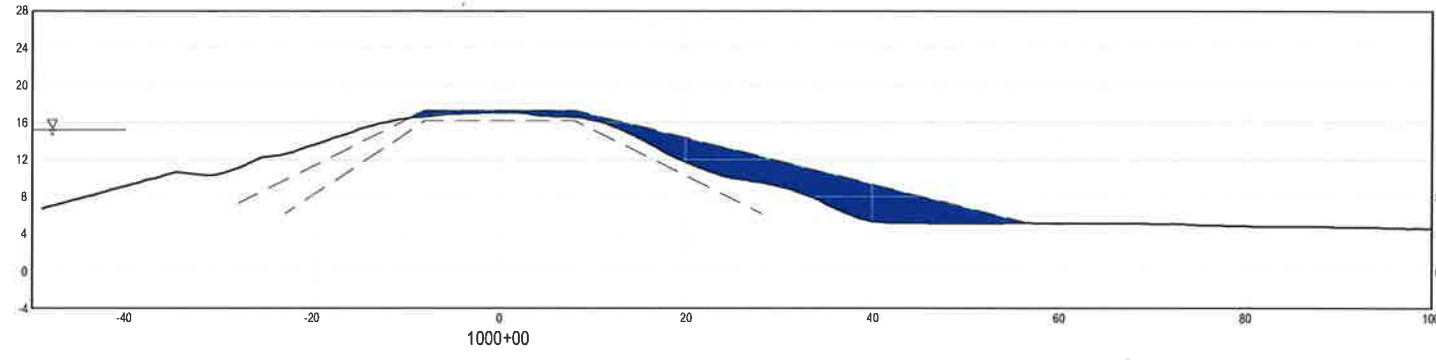
KJELDEN SINNOCK NEUDECK inc.
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 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

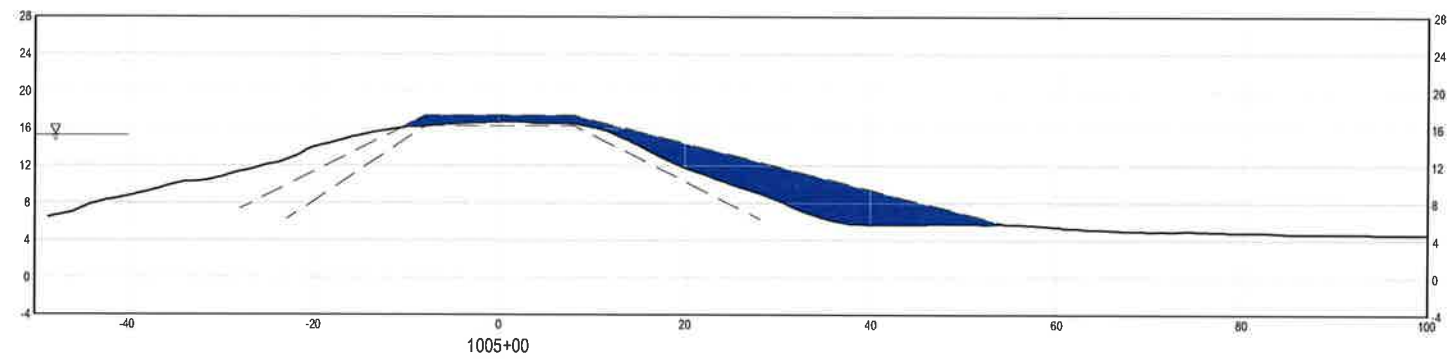
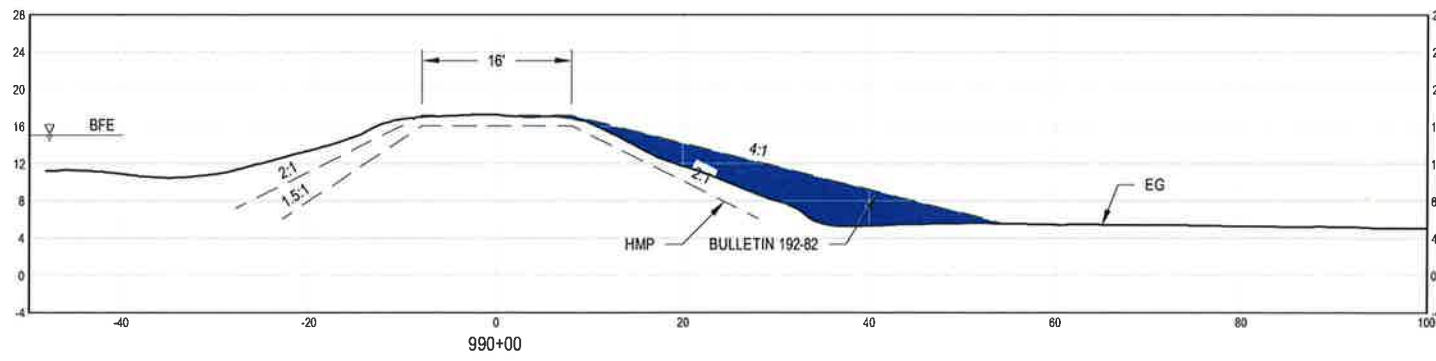
SECTIONS
 STA 960+00 TO STA 990+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-333
 SHEET 49 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE: S:\0675_Tyler_Island\1280_17-1B_DWR_5_Year_Plan\OB_Civil\400_Plans\020_CAD_Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:25pm

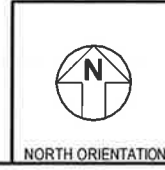


DRAFT



DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
PRELIMINARY NOT FOR CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR

DESIGN BY EEA
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM CCS83, ZONE 2
 VERTICAL DATUM NAVD88

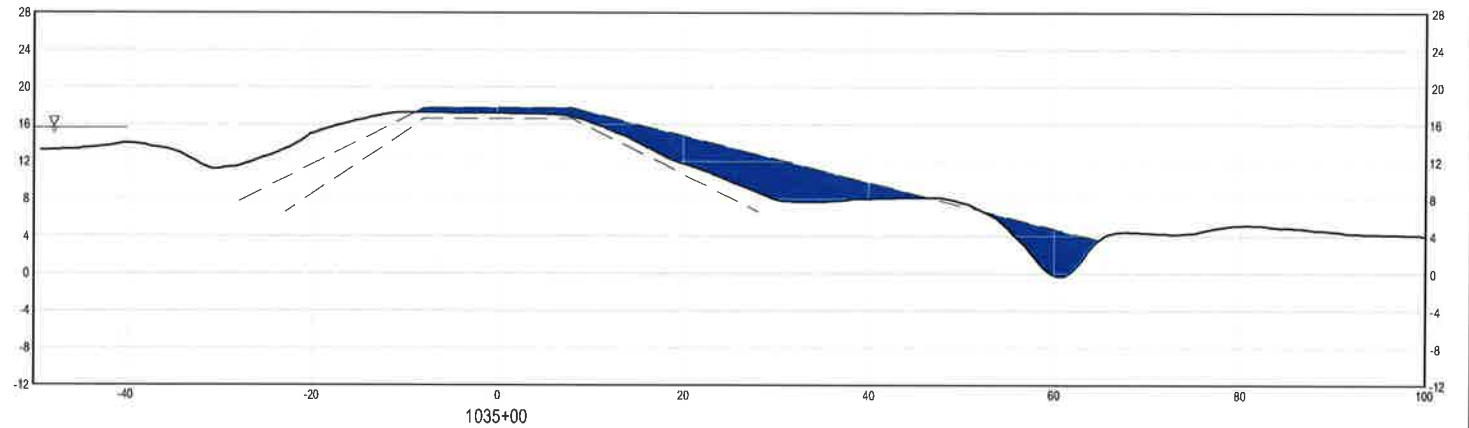
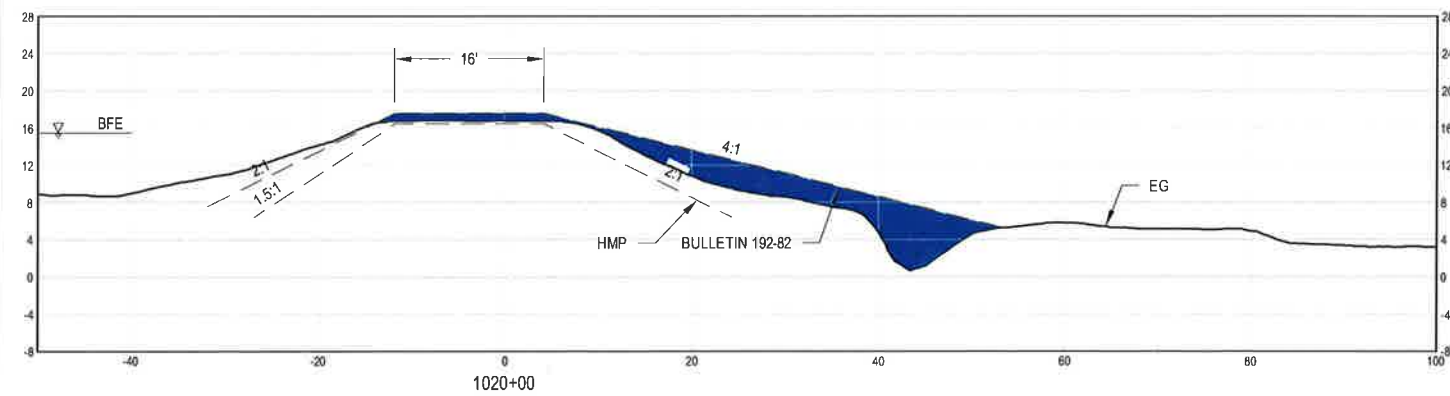
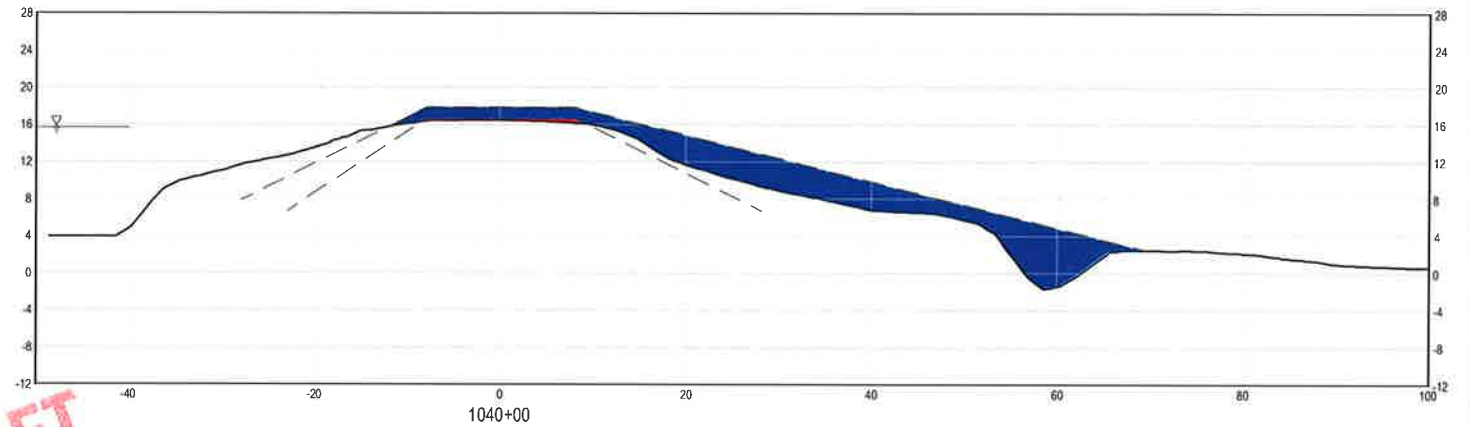
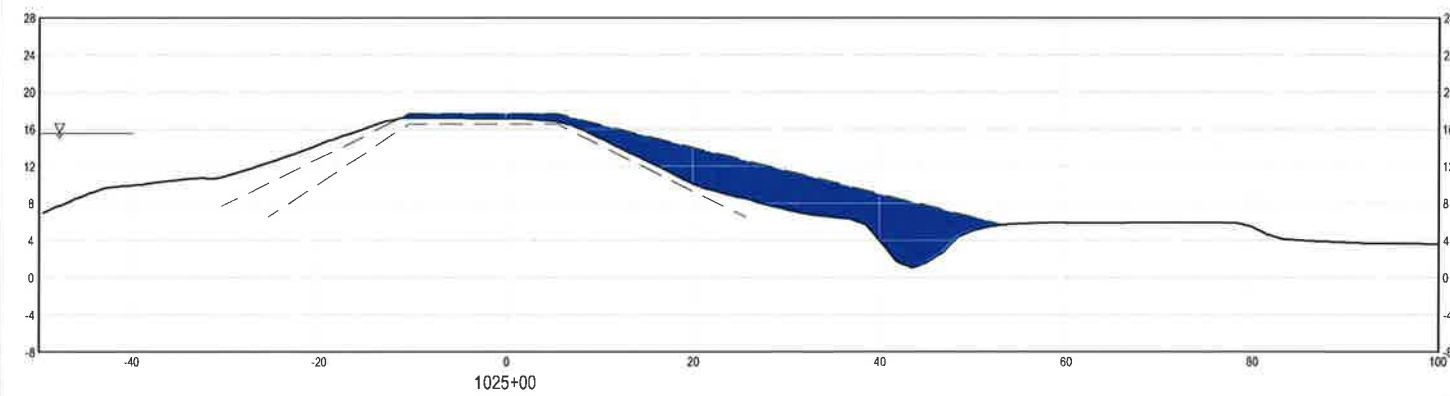
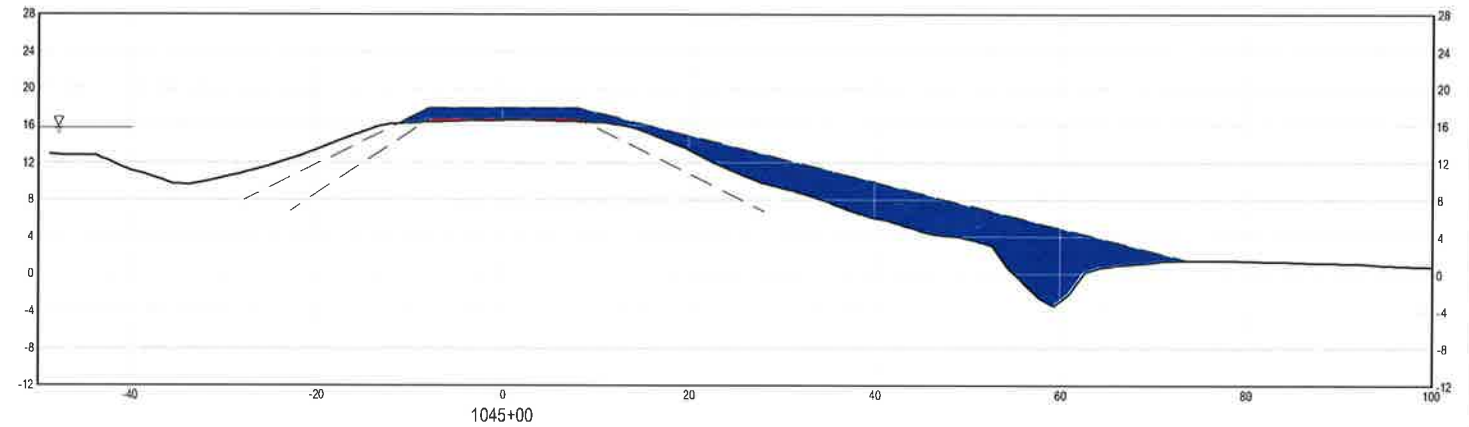
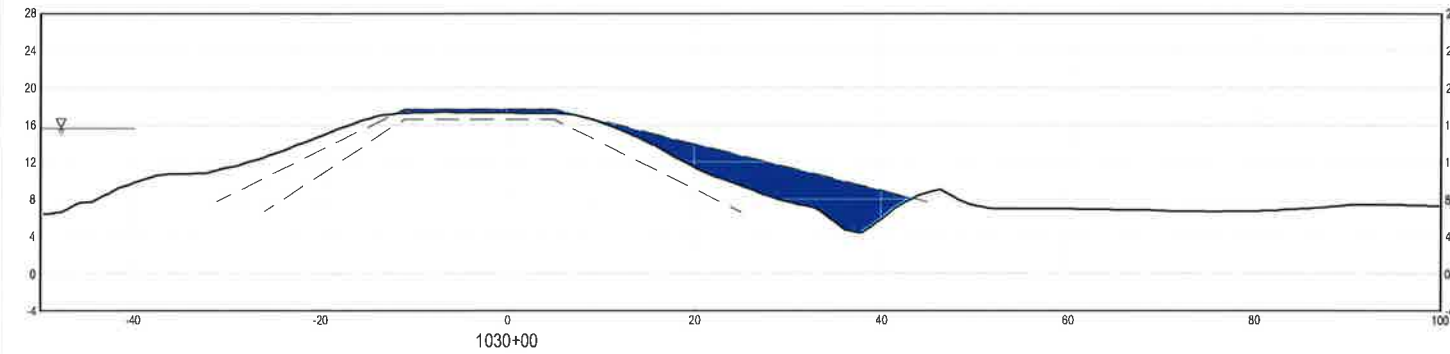
DRAWING SCALE 1" = 10'
 ORIGINAL DRAWING SCALE 0 1/2" 1"

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
SECTIONS
 STA 990+00 TO STA 1020+00

DATE AUGUST 12, 2019
 SHEET IDENTIFICATION **V-334**
 SHEET 50 OF 57
 KSN PROJECT FILE NO. 0675-1280

FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:25pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

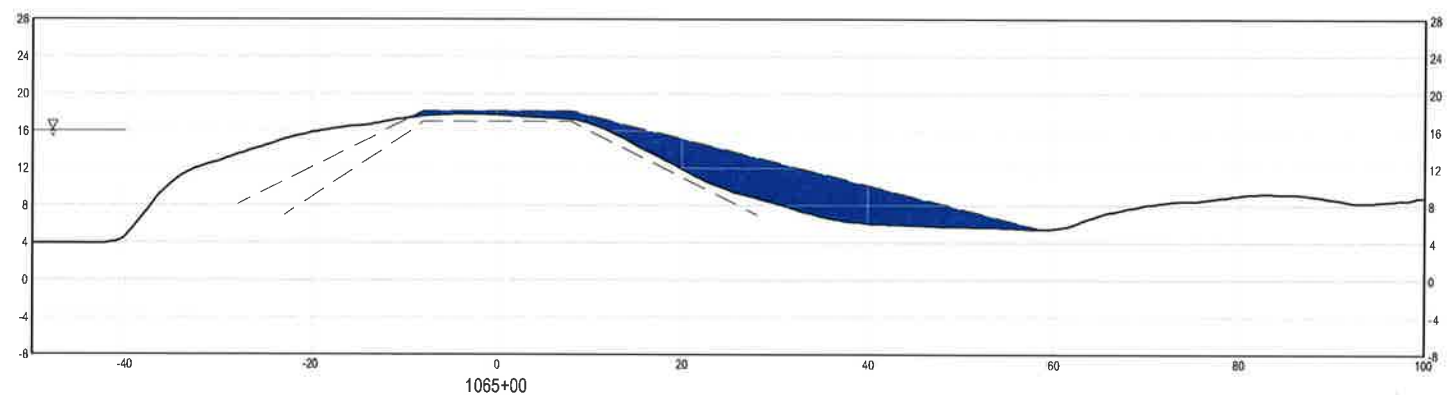
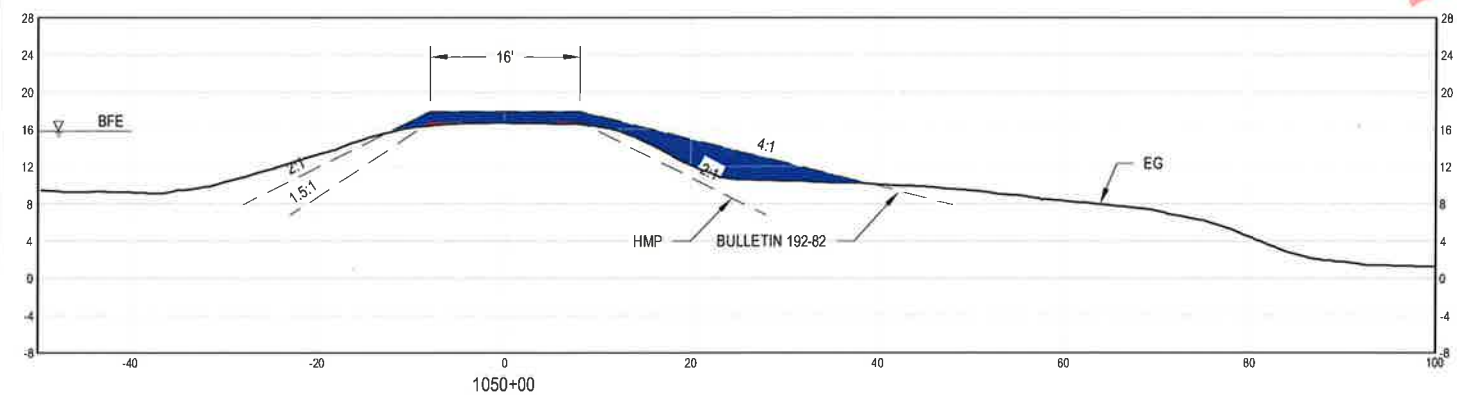
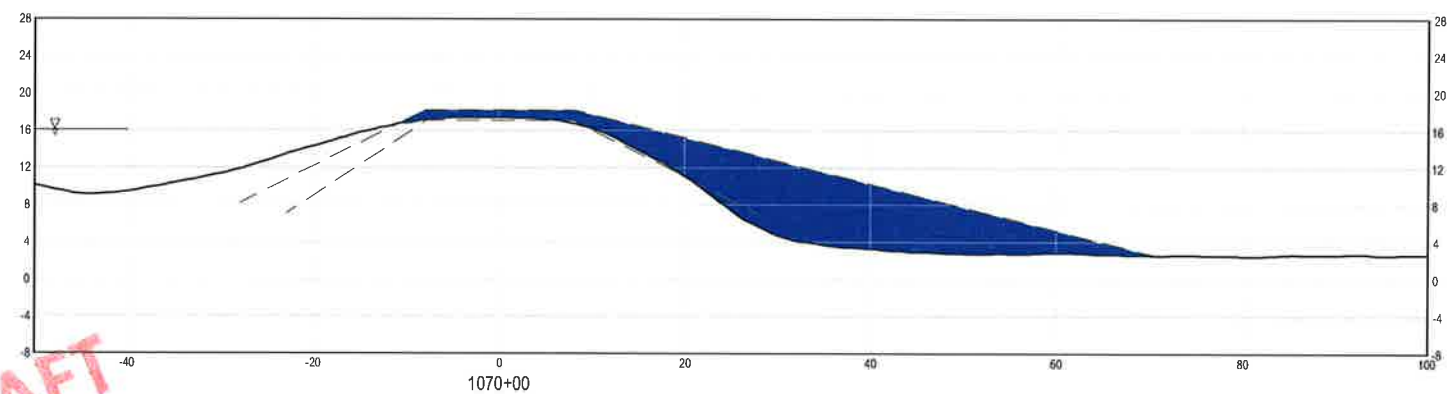
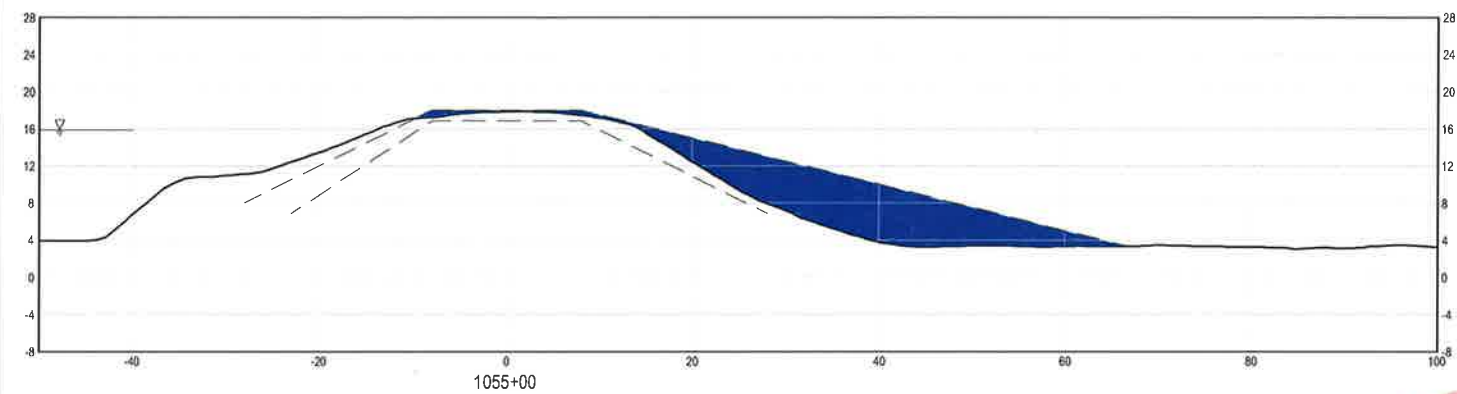
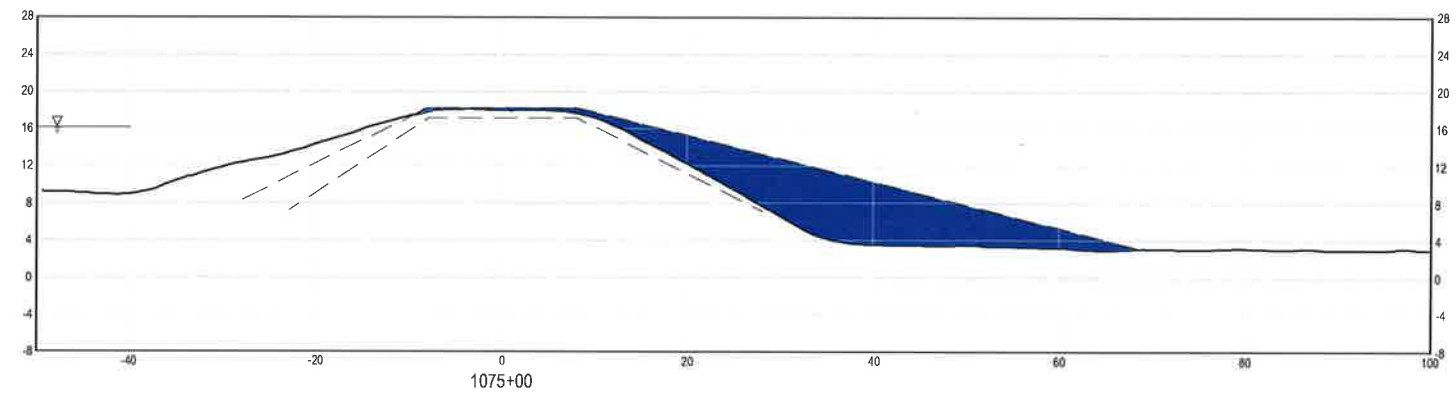
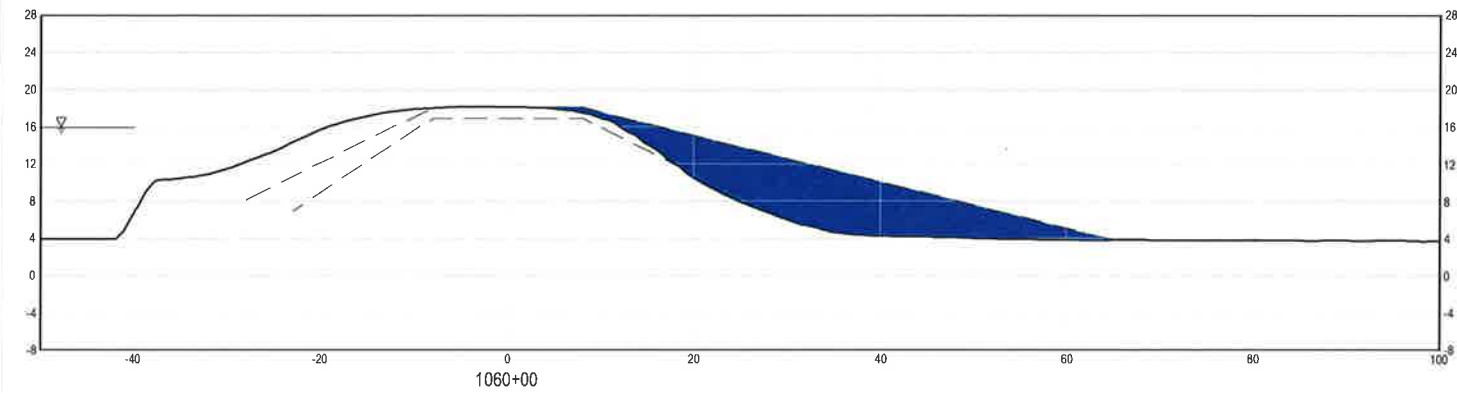
NO.	DESCRIPTION	DATE	APPR.

DESIGN BY EEA
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM CCS83, ZONE 2
 VERTICAL DATUM NAVD88
 DRAWING SCALE 1" = 10'
 ORIGINAL DRAWING SCALE 0 1/2" 1"

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA
 DATE AUGUST 12, 2019
 SHEET IDENTIFICATION V-335
 SHEET 51 OF 57
 KSN PROJECT FILE NO. 0675-1280
 SECTIONS
 STA 1020+00 TO STA 1050+00

FILE: S:\0675_17-18_DWR_5_Year_Plan_08_Civil_400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:26pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
*PRELIMINARY
 NOT FOR
 CONSTRUCTION*

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA
DRAWN BY	EEA
CHECK BY	CHN
HORIZONTAL DATUM	CCS83, ZONE 2
VERTICAL DATUM	NAVD88
DRAWING SCALE	1" = 10'
ORIGINAL DRAWING SCALE	0 1/2" 1"

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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

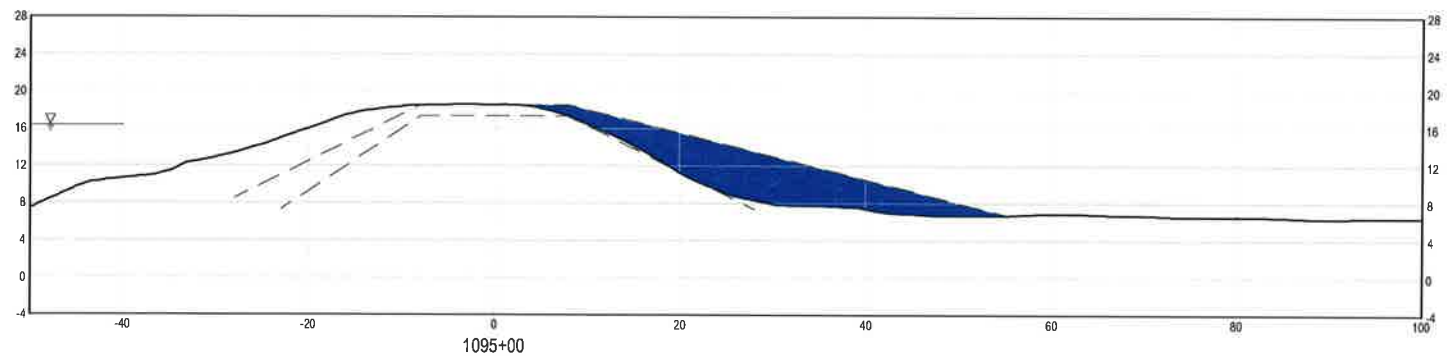
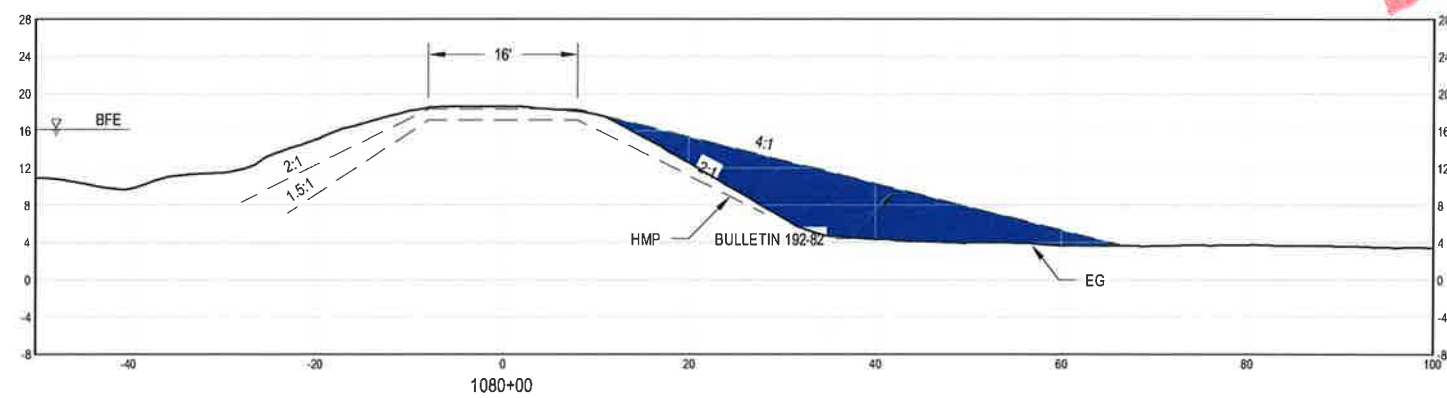
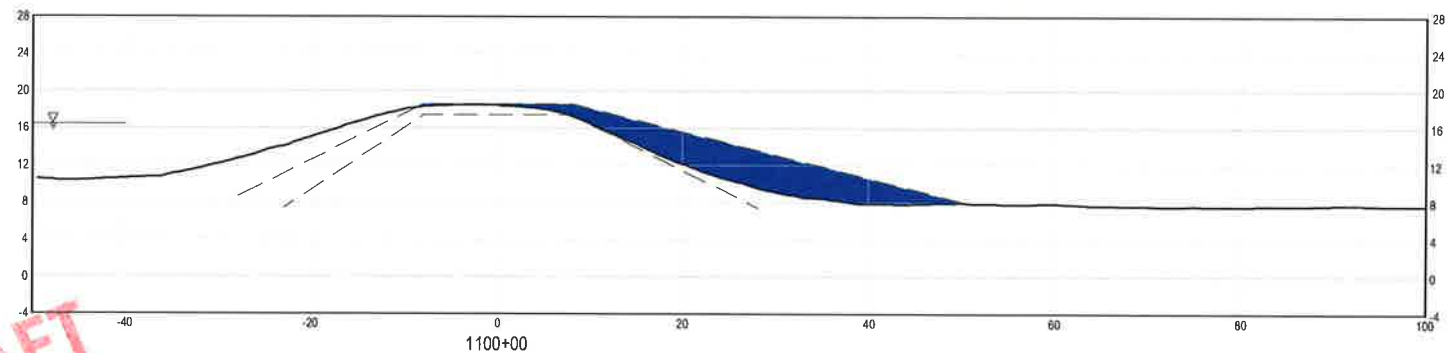
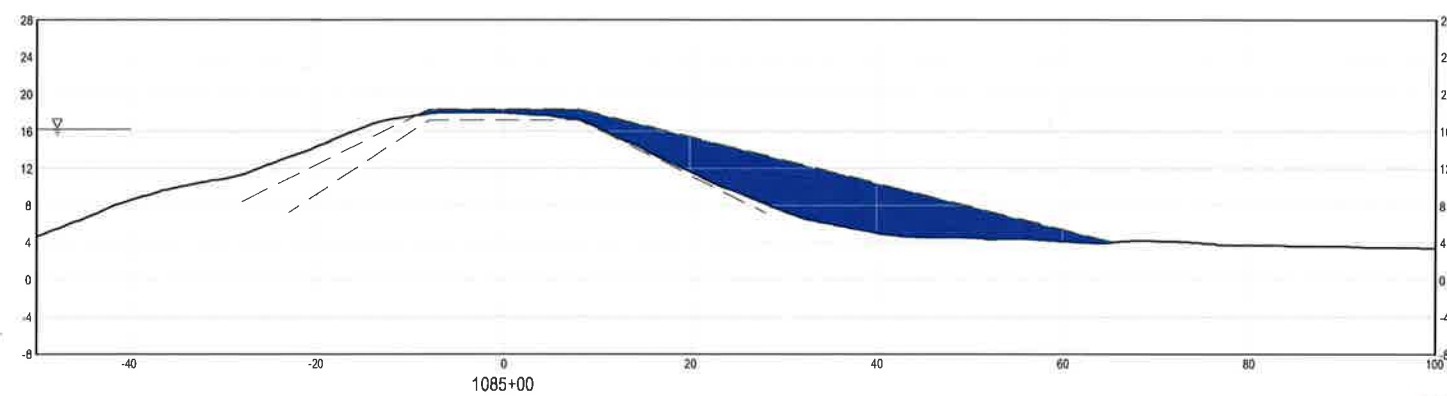
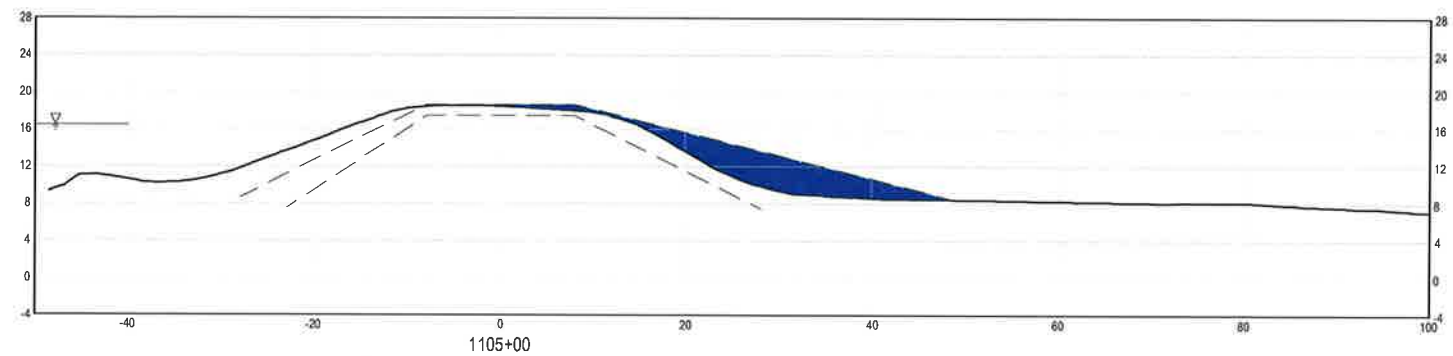
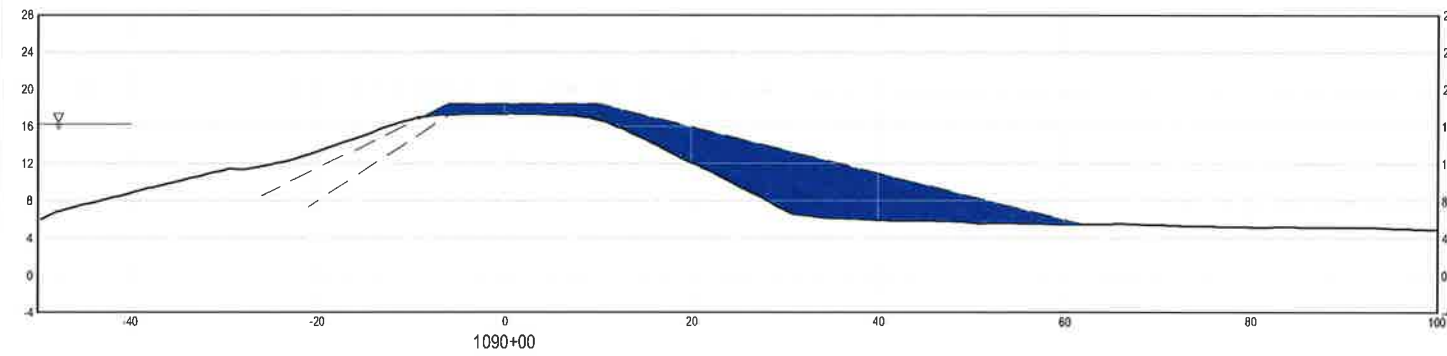
DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-336
 SHEET 52 OF 57

SECTIONS
 STA 1050+00 TO STA 1080+00

KSN PROJECT FILE NO.
 0675-1280

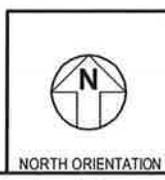
FILE SPEC: F:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:26pm



DRAFT

DATA SOURCES:
 EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:
 BULLETIN 192-82 NON-COMPLIANT
 HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 10'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

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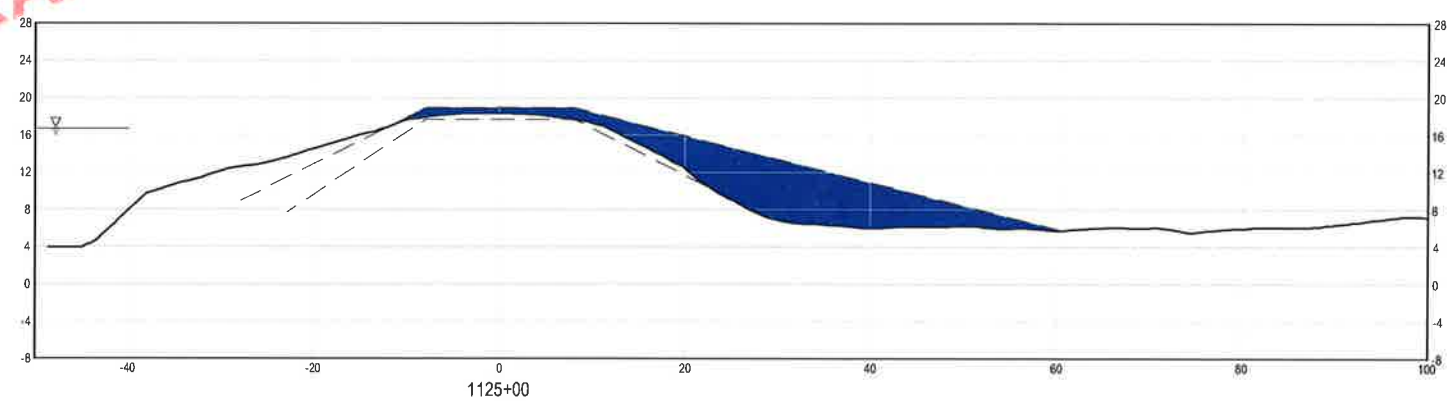
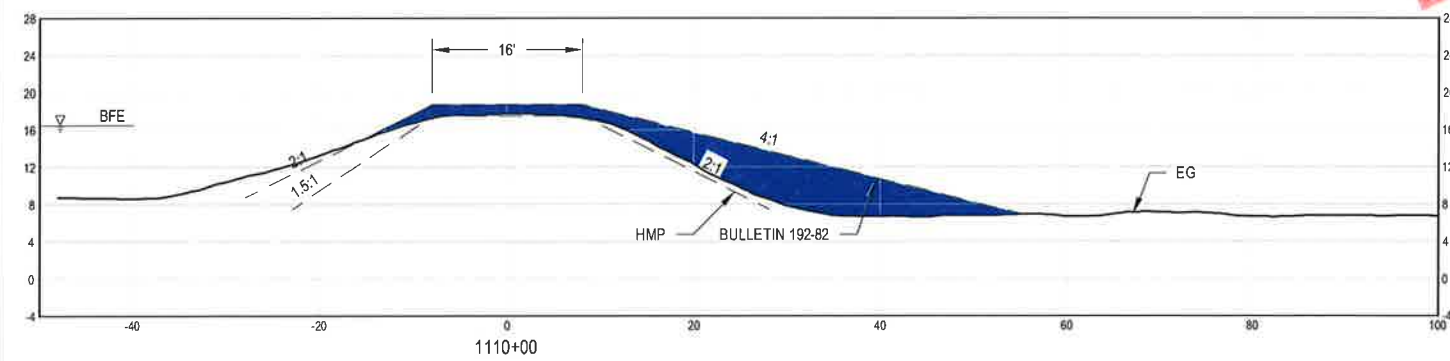
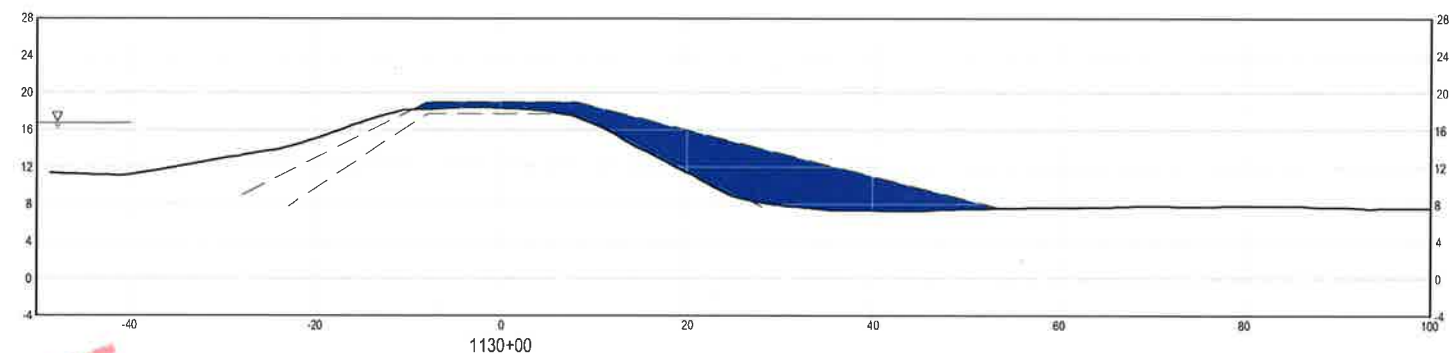
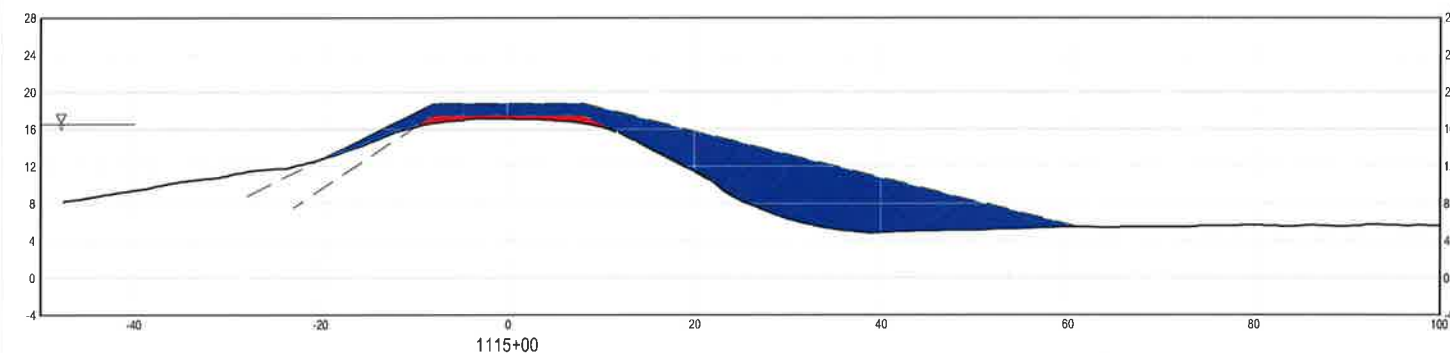
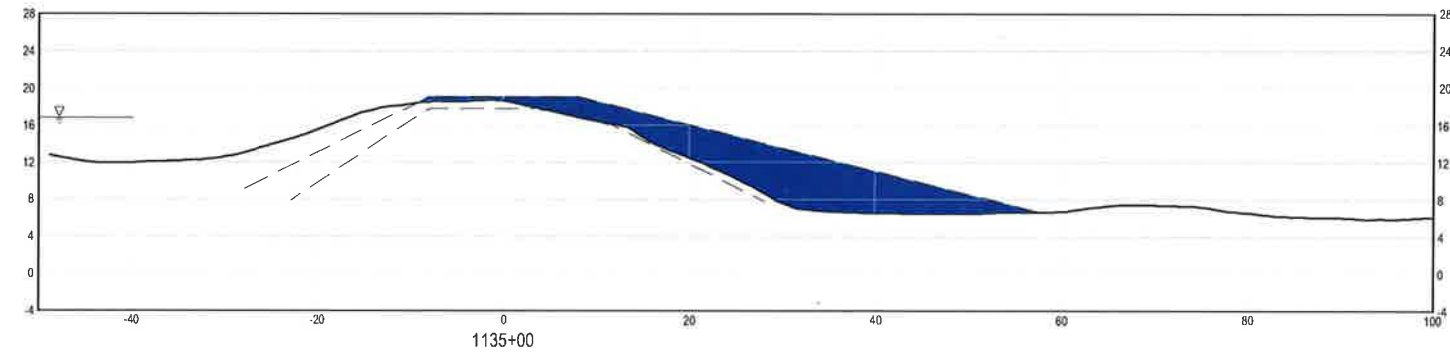
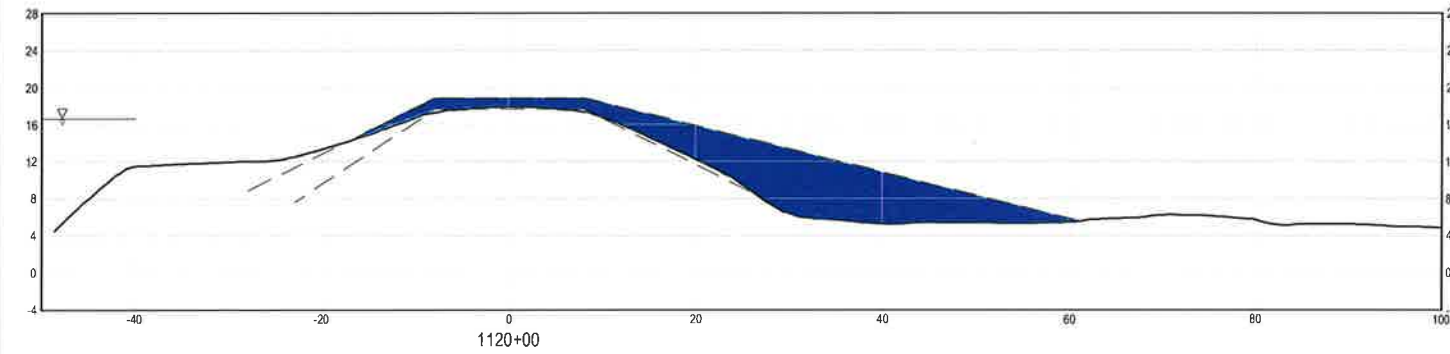
711 N Pershing Avenue
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 1550 Harbor Drive, Suite 212
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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 1080+00 TO STA 1110+00

DATE
 AUGUST 12, 2019
 SHEET IDENTIFICATION
V-337
 SHEET 53 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE SPEC: P:\0675\T\er\Island\1280_17-18_DWR-5_Year_Plan\OB_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:27pm



DRAFT

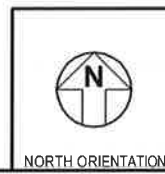
DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EAA	DRAWING SCALE	1" = 10'
DRAWN BY	EEA	ORIGINAL DRAWING SCALE	0 1/2" 1"
CHECK BY	CHN		
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

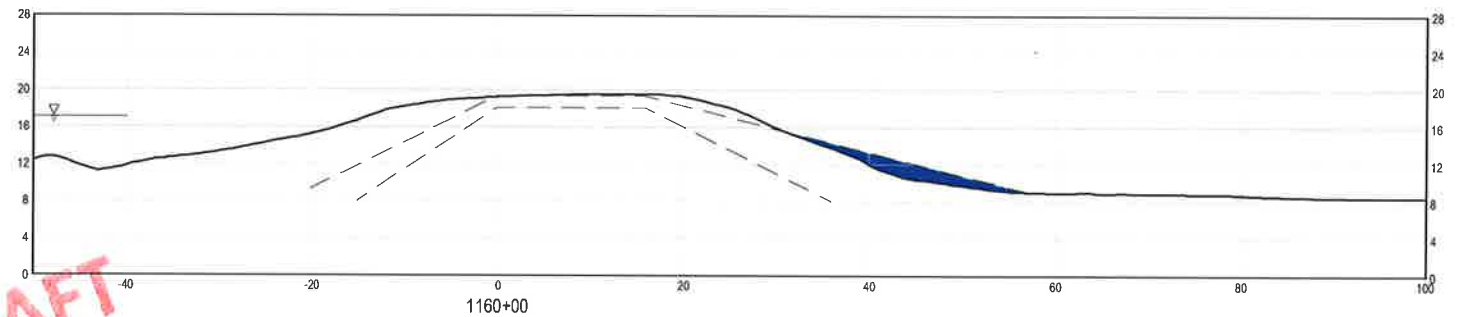
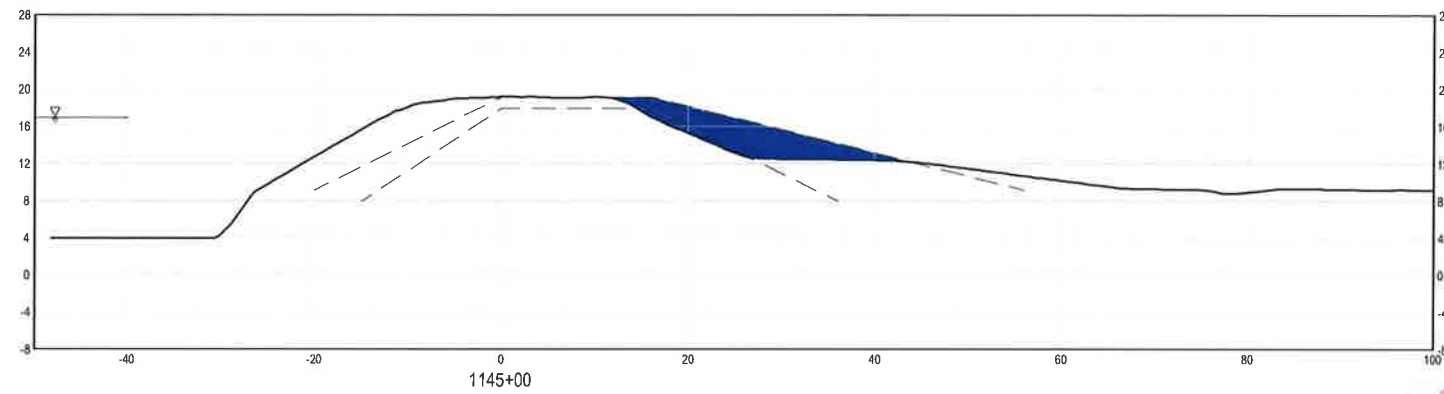
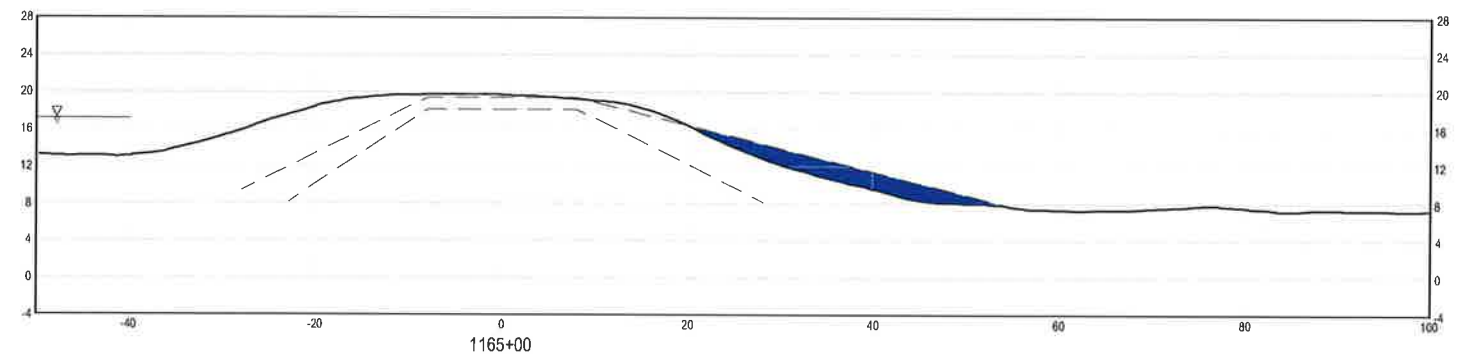
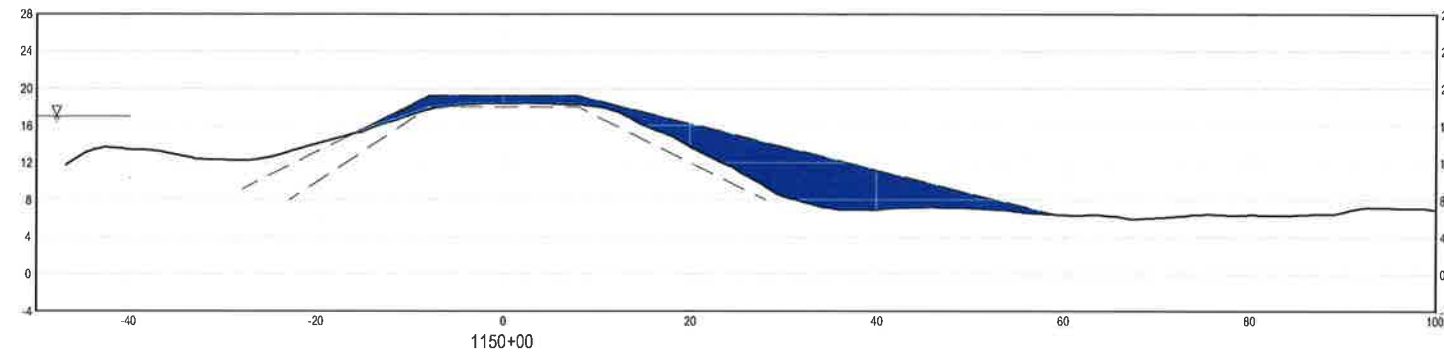
SECTIONS
 STA 1110+00 TO STA 1140+00

DATE
 AUGUST 12, 2019

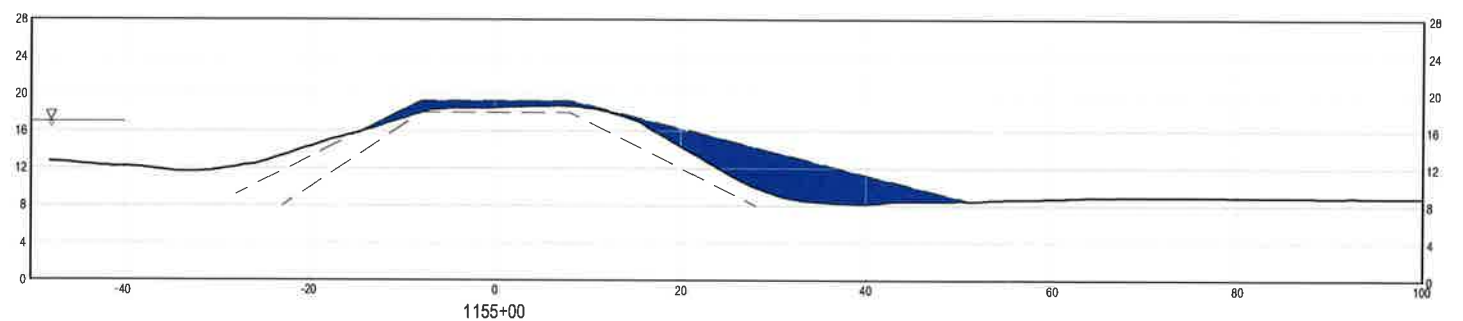
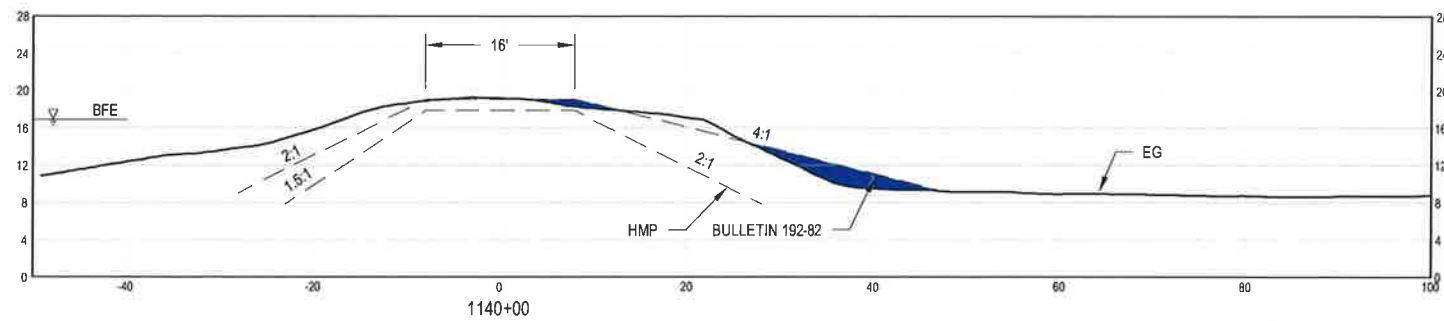
SHEET IDENTIFICATION
V-338

SHEET 54 OF 57
 KSN PROJECT FILE NO.
 0675-1280

FILE: S:\0675\1280\17-18_DWR_5_Year_Plan_Plot\08_Civil\400_Plans\020_CAD_Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:27pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EEA	DRAWING SCALE	1" = 10'
CHECK BY	CHN	ORIGINAL DRAWING SCALE	0 1/2" 1"
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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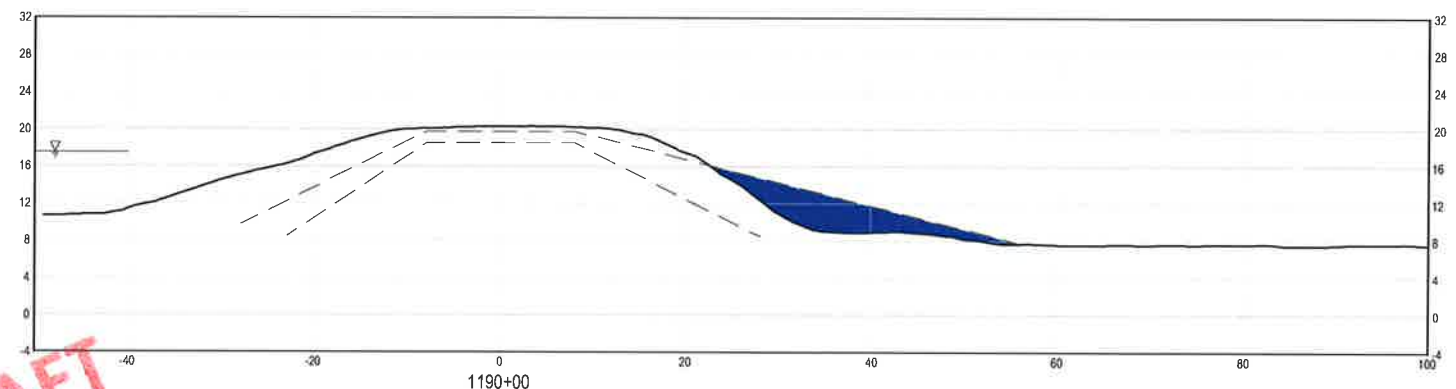
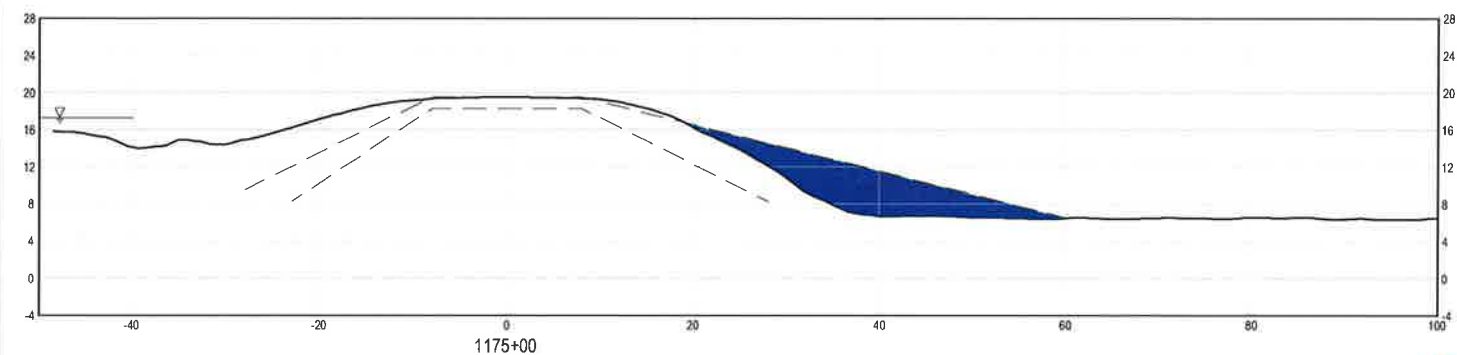
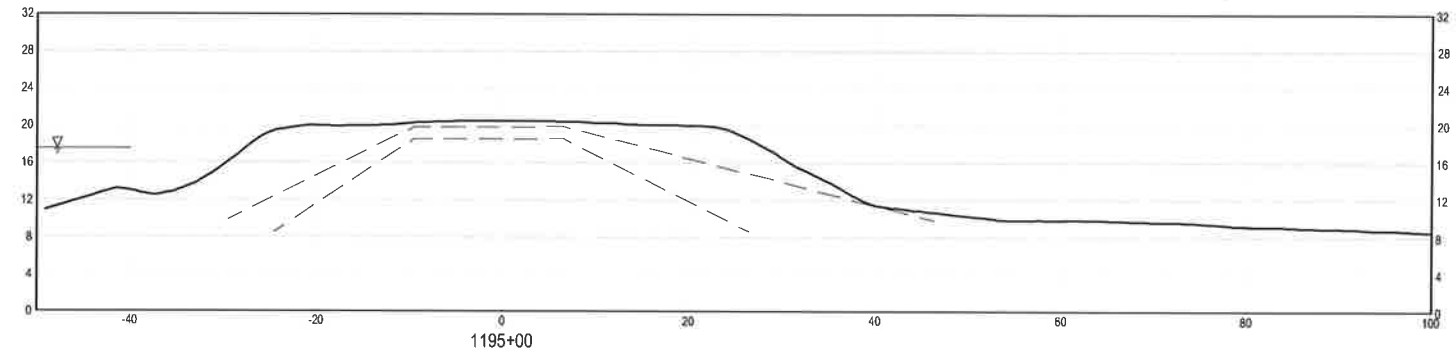
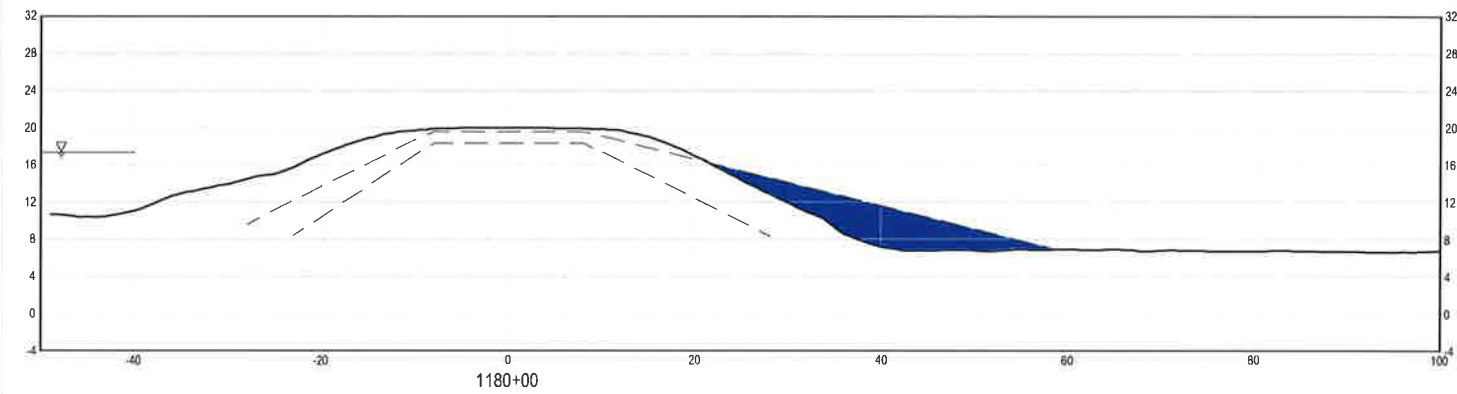
1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

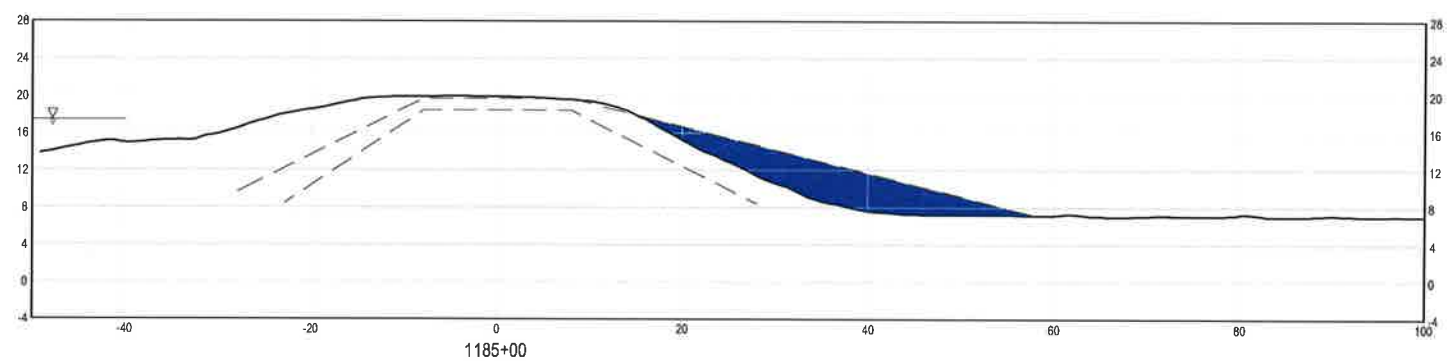
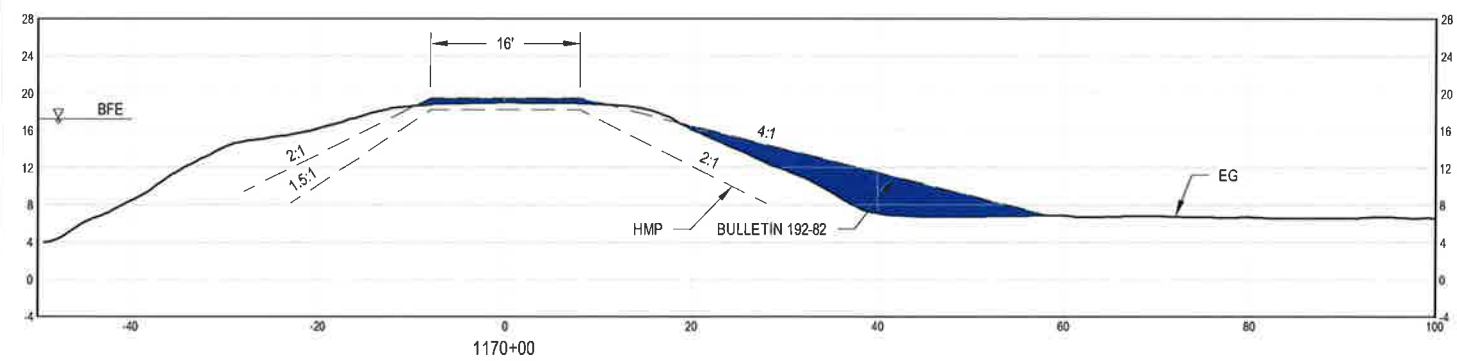
SECTIONS
 STA 1140+00 TO STA 1170+00

DATE	AUGUST 12, 2019
SHEET IDENTIFICATION	V-339
SHEET	55 OF 57
KSN PROJECT FILE NO.	0675-1280

FILE: P:\0675_17-18_DWR_5_Year_Plan_08_Civil\400_Plans\020_CAD\Sheets\Existing V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:28pm



DRAFT



DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

HATCHING LEGEND:

- BULLETIN 192-82 NON-COMPLIANT
- HMP NON-COMPLIANT



PROJECT ENGINEER
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY EAA	DRAWING SCALE 1" = 10'
CHECK BY CHN	ORIGINAL DRAWING SCALE 0 1/2" 1"
HORIZONTAL DATUM CCS83, ZONE 2	
VERTICAL DATUM NAVD88	

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

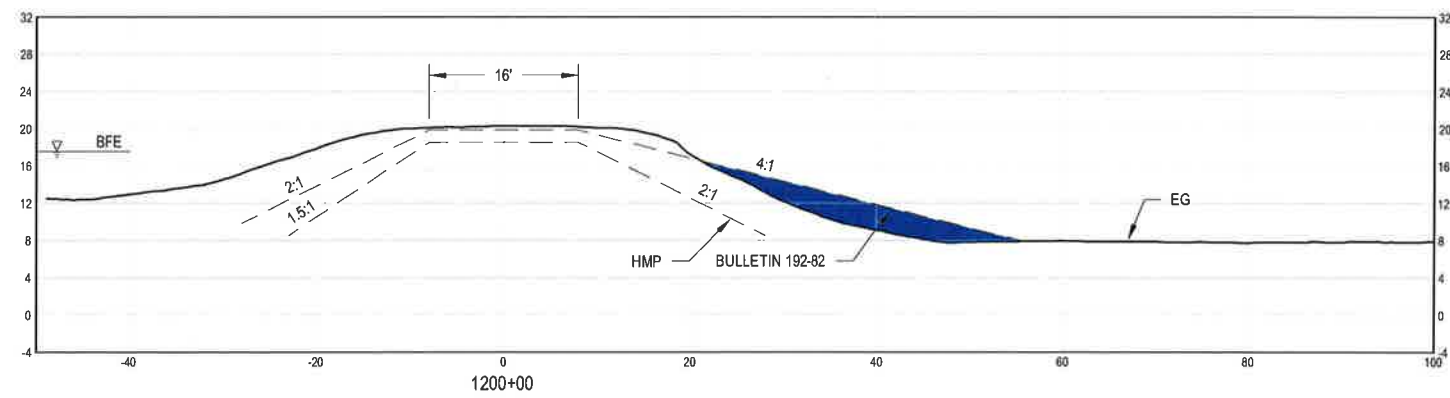
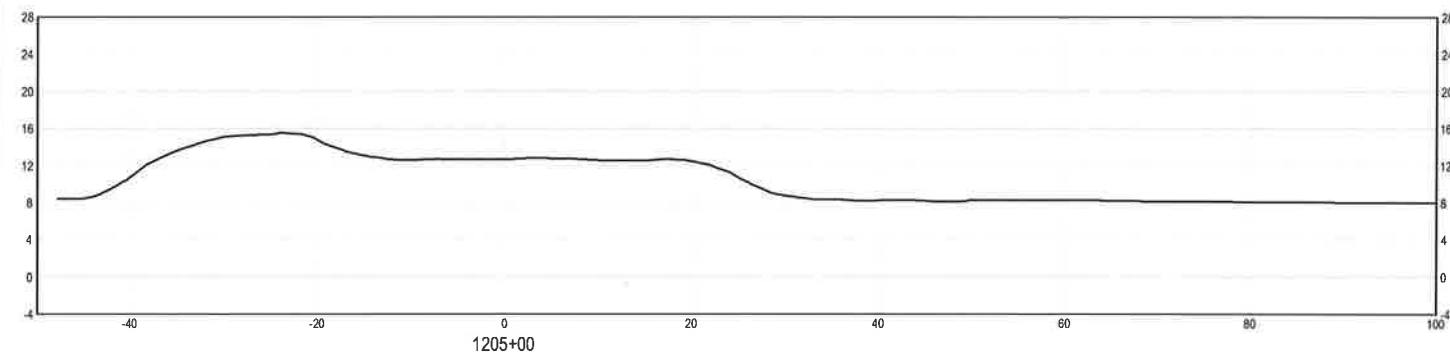
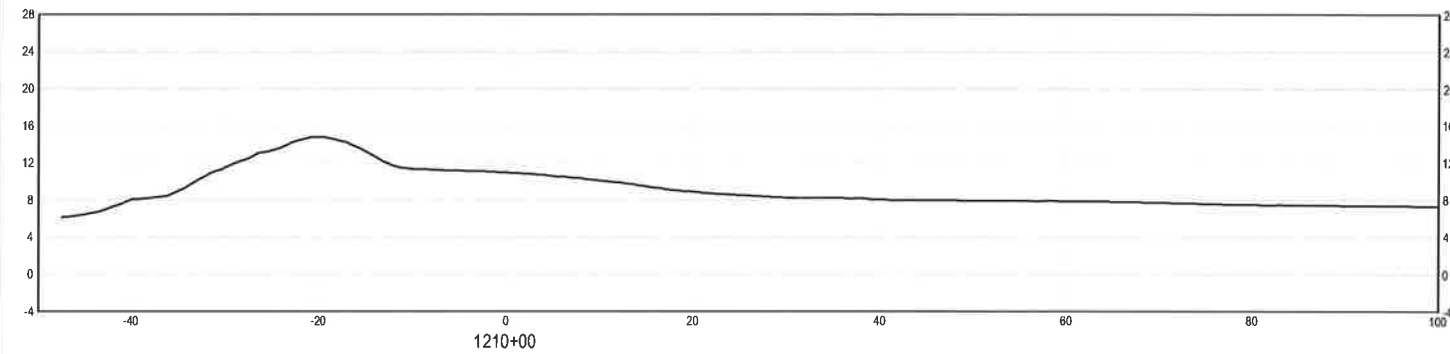
SECTIONS
 STA 1170+00 TO STA 1200+00

DATE
AUGUST 12, 2019

SHEET IDENTIFICATION
V-340
 SHEET 56 OF 57

KSN PROJECT FILE NO.
0675-1280

FILE: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Sheets\Existing\V-301.dwg
 PLOT DATE: Aug 12, 2019 - 2:28pm



DRAFT

DATA SOURCES:

EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.

BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.


HATCHING LEGEND:

-  BULLETIN 192-82 NON-COMPLIANT
-  HMP NON-COMPLIANT



PROJECT ENGINEER
*PRELIMINARY
 NOT FOR
 CONSTRUCTION*

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY	EEA	DRAWING SCALE	1" = 10'
CHECK BY	CHN	ORIGINAL DRAWING SCALE	0 1/2" 1"
HORIZONTAL DATUM	CCS83, ZONE 2		
VERTICAL DATUM	NAVD88		

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RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN EXISTING CONDITIONS
 SACRAMENTO COUNTY, CALIFORNIA

SECTIONS
 STA 1200+00 TO STA 1210+89

DATE
 AUGUST 12, 2019

SHEET IDENTIFICATION
V-341

SHEET 57 OF 57
 KSN PROJECT FILE NO.
 0675-1280

EXHIBIT C

RECLAMATION DISTRICT NO. 563

TYLER ISLAND

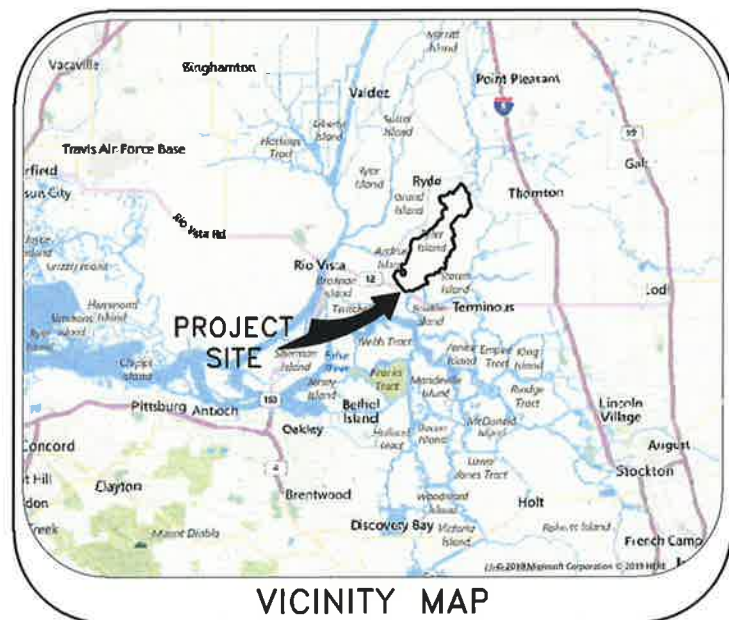
SACRAMENTO COUNTY, CALIFORNIA

FIVE YEAR PLAN

RECOMMENDED PROJECTS

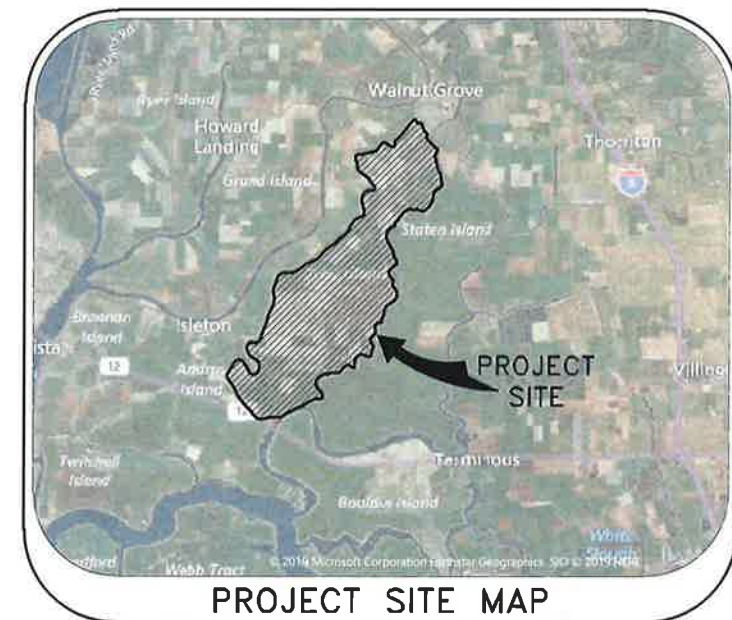
DRAFT

DRAFT






DWG NO.	SHEET NO.	DESCRIPTION
G-001	1	TITLE SHEET
C-101	2	BASE MAP
C-501 - C-502	3 - 4	DETAILS

SHEET INDEX



FILE SPEC: P:\0675_Tyler_Island\1280_17-18_DWR_5_Year_Plan_Plan\06_Civil\400_Plans\020_CAD\Sheets\Projects\G-001.dwg
PLOT DATE: Jan 08, 2020 - 2:33pm

 NORTH ORIENTATION	PROJECT ENGINEER PRELIMINARY NOT FOR CONSTRUCTION	DESIGN BY EEA	DRAWING SCALE	 KJELSEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com	711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1550 Harbor Drive, Suite 212 West Sacramento, CA 95691 916-403-5900	RECLAMATION DISTRICT NO. 563 FIVE YEAR PLAN RECOMMENDED PROJECTS SACRAMENTO COUNTY, CALIFORNIA	DATE
		NO. DESCRIPTION	DATE APPR.				ORIGINAL DRAWING SCALE 0 1/2" 1" 

FILE SPEC: P:\0675... \1280_17 - 18_DWR_S_Year_Plan\OB_Civil\400_Plans\020_CAD_Sheets\Projects\C-101.dwg
 PLOT DATE: Jan 08, 2020 - 2:30pm



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PROJECT ENGINEER
 PRELIMINARY
 NOT FOR
 CONSTRUCTION

NO.	DESCRIPTION	DATE	APPR.

DESIGN BY EEA
 DRAWN BY EEA
 CHECK BY CHN
 HORIZONTAL DATUM
 CCS83, ZONE 2
 VERTICAL DATUM
 NAVD88

DRAWING SCALE
 1" = 1500'
 ORIGINAL DRAWING SCALE
 0 1/2" 1"

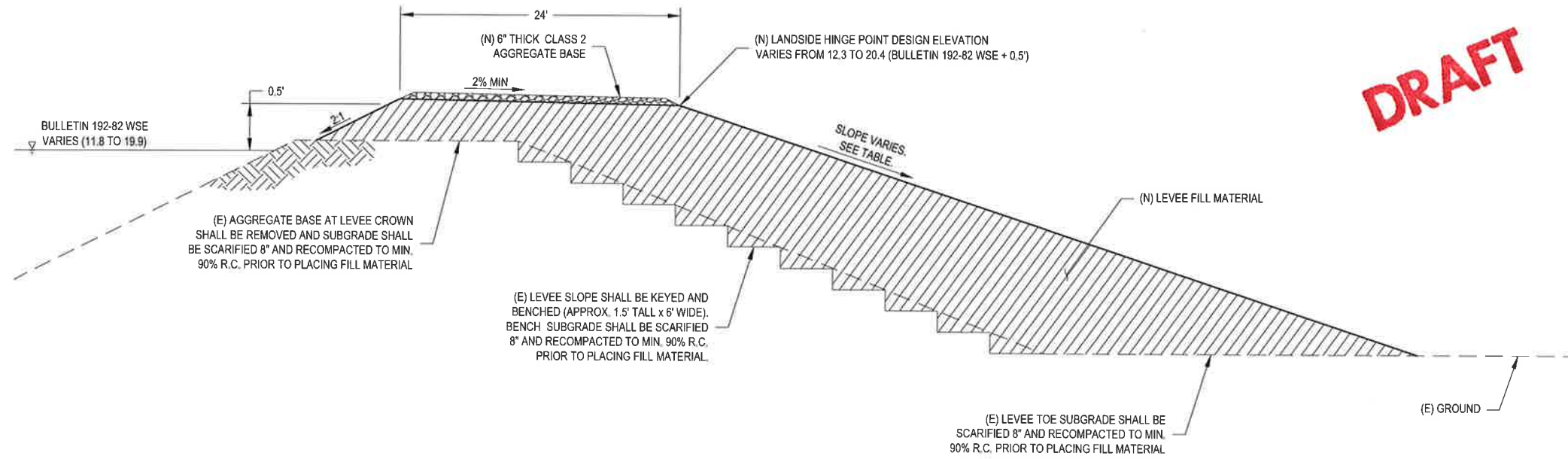
KJELSEN SINNOCK NEUDECK
 CIVIL ENGINEERS & LAND SURVEYORS
 www.ksninc.com
 711 N Pershing Avenue
 Stockton, CA 95203
 209-946-0268
 1550 Harbor Drive, Suite 212
 West Sacramento, CA 95691
 916-403-5900

RECLAMATION DISTRICT NO. 563
 FIVE YEAR PLAN RECOMMENDED PROJECTS
 SACRAMENTO COUNTY, CALIFORNIA
 BASE MAP

DATE
 JANUARY 8, 2020
 SHEET IDENTIFICATION
C-101
 SHEET 2 OF 4
 KSN PROJECT FILE NO.
 0675-1280

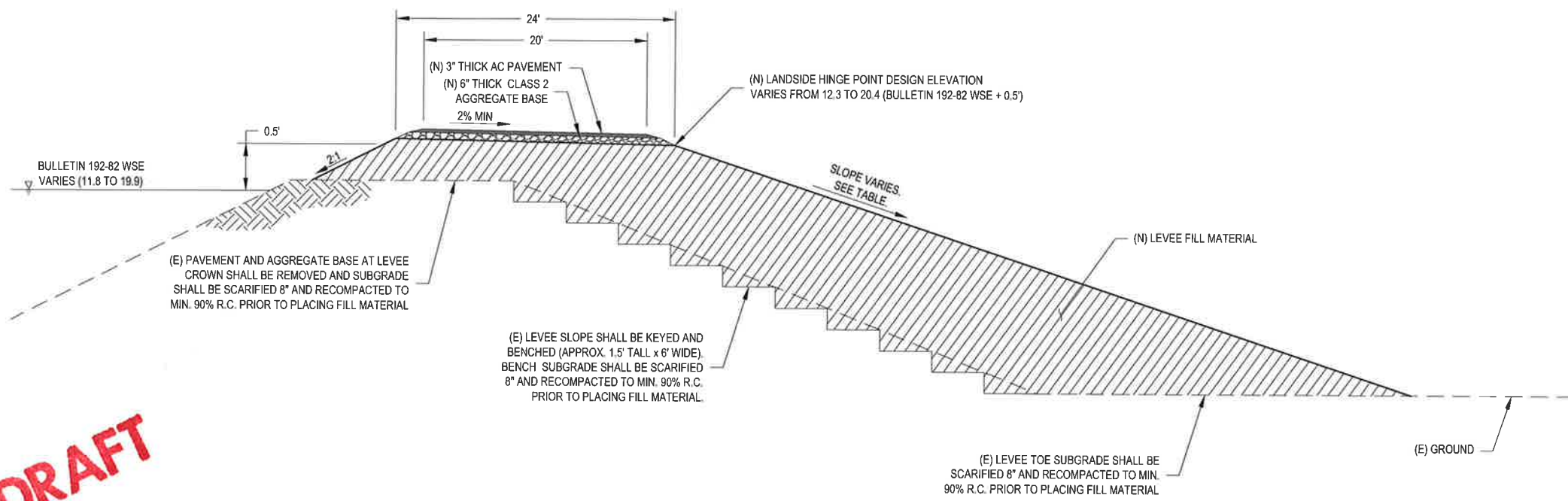
DRAFT

WORK SITES			
SITE NO.	STATION START	STATION END	LANDSIDE SLOPE
1.1	49+32	179+62	4:1
1.2	377+50	382+50	4:1
1.3	402+50	417+50	4:1
1.4	422+50	447+50	4:1
1.5	452+50	457+50	4:1
1.6	462+50	480+00	4:1
1.7	480+00	492+50	5:1
1.8	502+50	532+50	5:1
1.9	537+50	552+50	5:1
1.10	563+22	577+50	5:1
1.11	597+18	605+00	5:1
1.12	605+00	607+50	6:1
1.13	622+50	627+50	6:1
1.14	662+54	663+25	6:1
1.15	687+50	725+02	6:1
1.16	1009+36	1157+87	4:1



1 BULLETIN 192-82 PROJECT (WITH ALL-WEATHER ROAD)
SCALE: NTS

WORK SITES			
SITE NO.	STATION START	STATION END	LANDSIDE SLOPE
2.1	22+00	49+32	4:1
2.2	179+62	331+13	4:1
2.3	336+46	342+15	4:1
2.4	345+59	349+40	4:1
2.5	350+32	353+02	4:1
2.6	362+30	372+79	4:1
2.7	558+67	560+17	5:1
2.8	725+02	732+75	4:1
2.9	767+14	778+36	4:1
2.10	822+01	836+88	4:1
2.11	878+69	888+56	4:1
2.12	892+78	920+59	4:1
2.13	957+50	1009+36	4:1
2.14	1157+87	1192+50	4:1
2.15	1197+50	1202+00	4:1



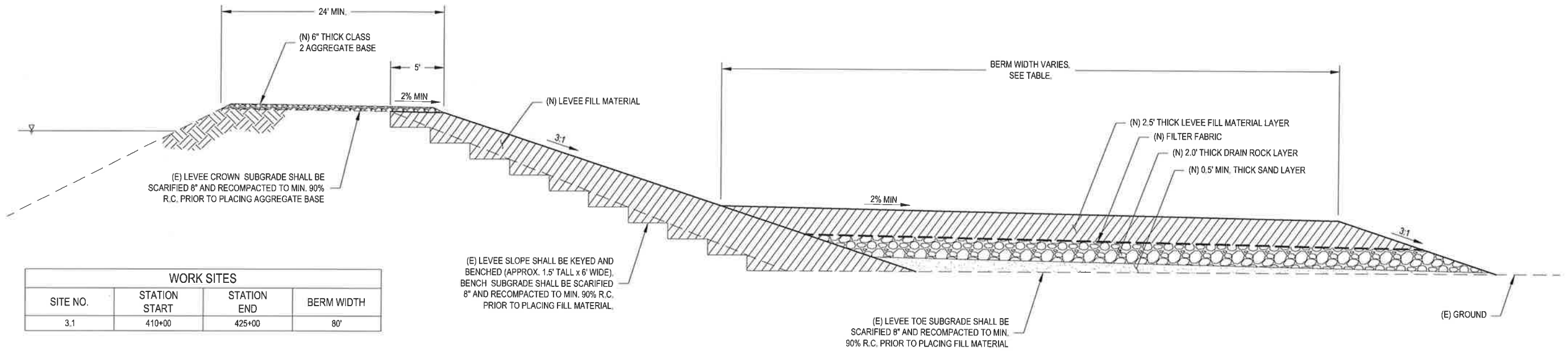
2 BULLETIN 192-82 PROJECT (WITH AC PAVEMENT)
SCALE: NTS

DRAFT

FILE SPEC: P:\0675_Tyler_Island\1280_17-1B_DWF_5_Year_Plan_Plan_08_Civil\400_Plans\020_CAD_Sheets\Projects\C-501.dwg
PLOT DATE: Jan 08, 2020 - 2:25pm

	PROJECT ENGINEER PRELIMINARY NOT FOR CONSTRUCTION	DESIGN BY EEA	DRAWING SCALE	KJELDEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com	RECLAMATION DISTRICT NO. 563 FIVE YEAR PLAN RECOMMENDED PROJECTS SACRAMENTO COUNTY, CALIFORNIA	DATE
		DRAWN BY EEA CHECK BY CHN HORIZONTAL DATUM CCS83, ZONE 2 VERTICAL DATUM NAVD88	AS SHOWN ORIGINAL DRAWING SCALE 0 1/2" 1"			711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1550 Harbor Drive, Suite 212 West Sacramento, CA 95691 916-403-5900
		NO. DESCRIPTION	DATE	APPR.	DETAILS	

FILE SPEC: P:\0675_Tyler_Tyler_Island\1280_17-18_DWR_5_Year_Plan\Civil\400_Plans\020_CAD_Sheets\Projects\C-501.dwg
 PLOT DATE: Jan 08, 2020 - 2:25pm

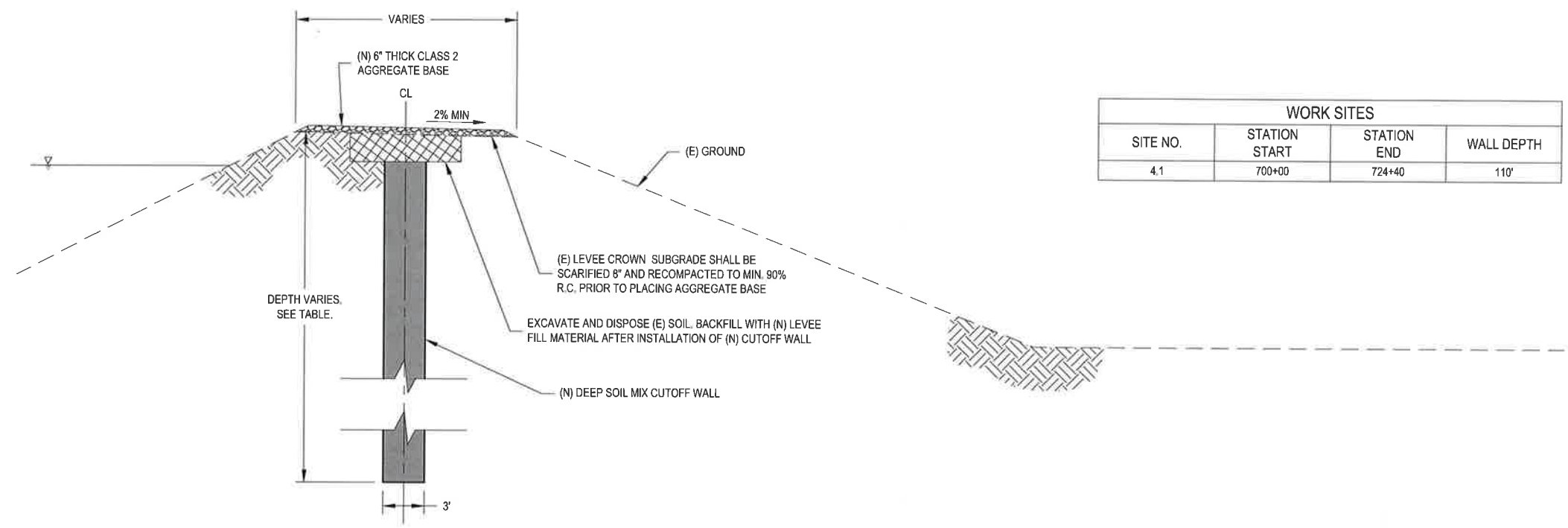


WORK SITES			
SITE NO.	STATION START	STATION END	BERM WIDTH
3.1	410+00	425+00	80'

3 LEVEE FAILURE REPAIR PROJECT
 SCALE: NTS

DRAFT

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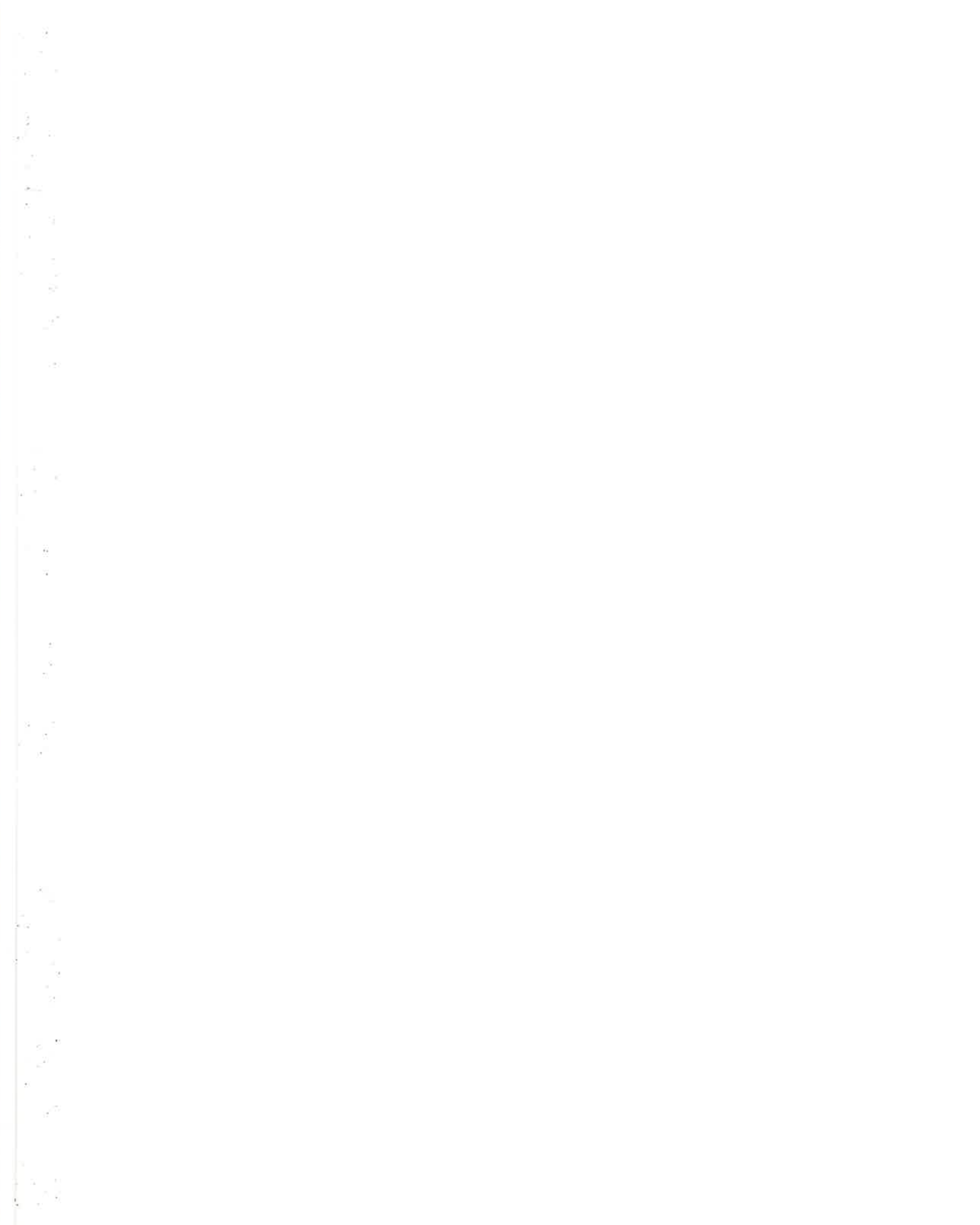


WORK SITES			
SITE NO.	STATION START	STATION END	WALL DEPTH
4.1	700+00	724+40	110'

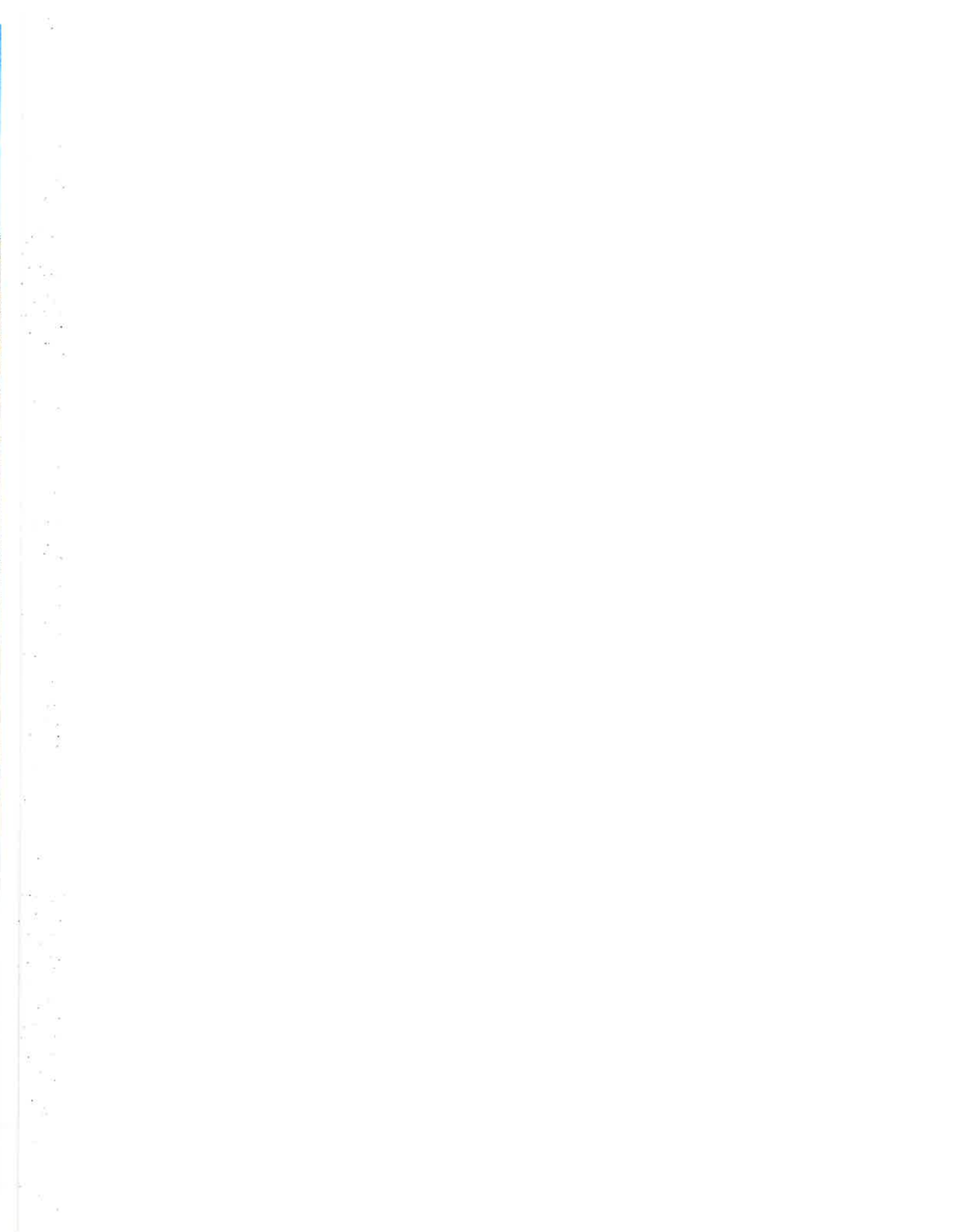
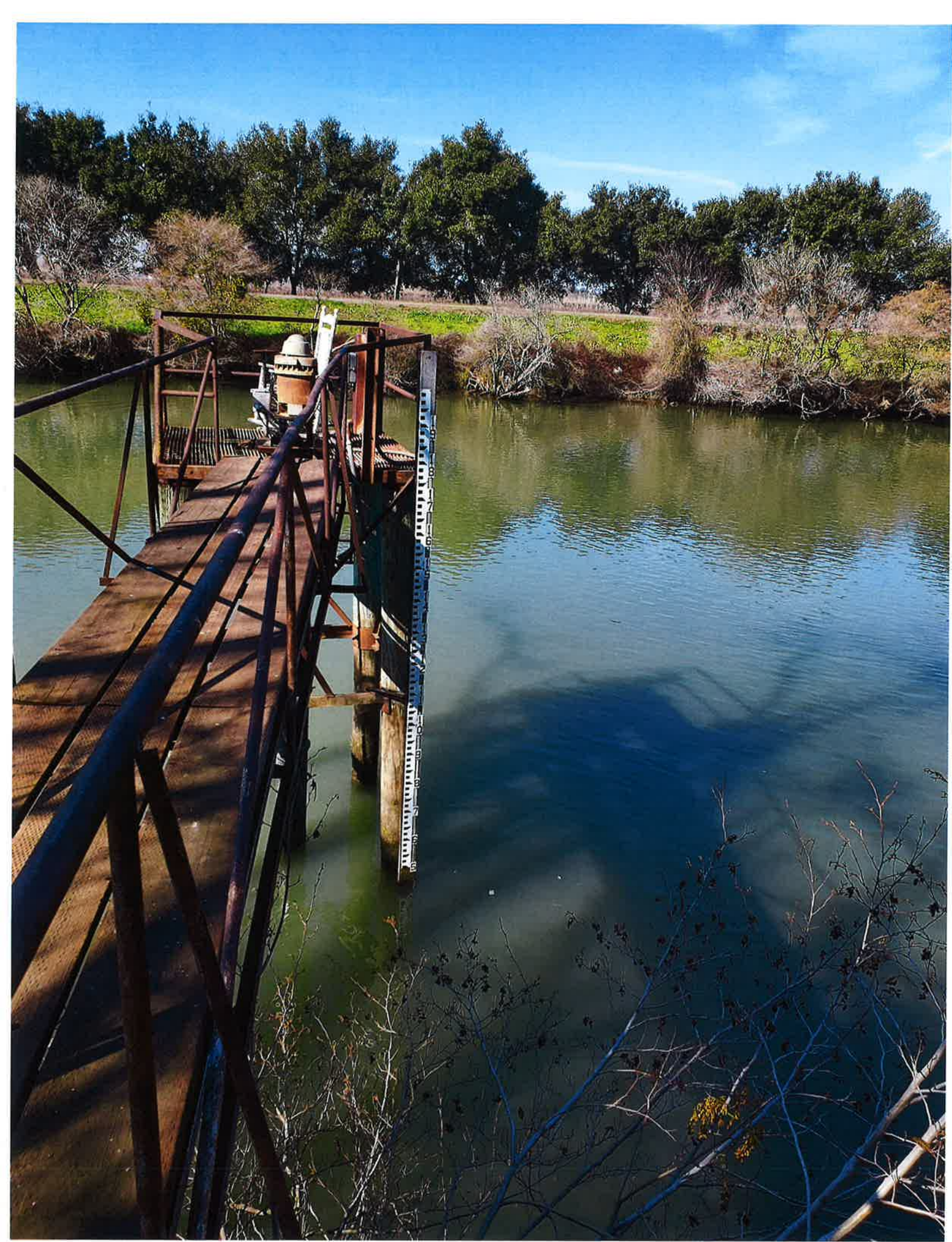
4 LEVEE SEEPAGE REPAIR PROJECT
 SCALE: NTS

<p>NORTH ORIENTATION</p>	<p>PROJECT ENGINEER</p> <p>PRELIMINARY NOT FOR CONSTRUCTION</p>	DESIGN BY EEA	DRAWING SCALE	<p>KJELDEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com</p>	711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1550 Harbor Drive, Suite 212 West Sacramento, CA 95691 916-403-5900	RECLAMATION DISTRICT NO. 563 FIVE YEAR PLAN RECOMMENDED PROJECTS SACRAMENTO COUNTY, CALIFORNIA	DATE
		CHECK BY CHN	AS SHOWN				JANUARY 8, 2020
		HORIZONTAL DATUM CCS83, ZONE 2	ORIGINAL DRAWING SCALE			DETAILS	SHEET IDENTIFICATION
		VERTICAL DATUM NAVD88	0 1/2" 1"				C-502 SHEET 4 OF 4 KSN PROJECT FILE NO. 0675-1280
		NO. DESCRIPTION	DATE	APPR.			

EXHIBIT D







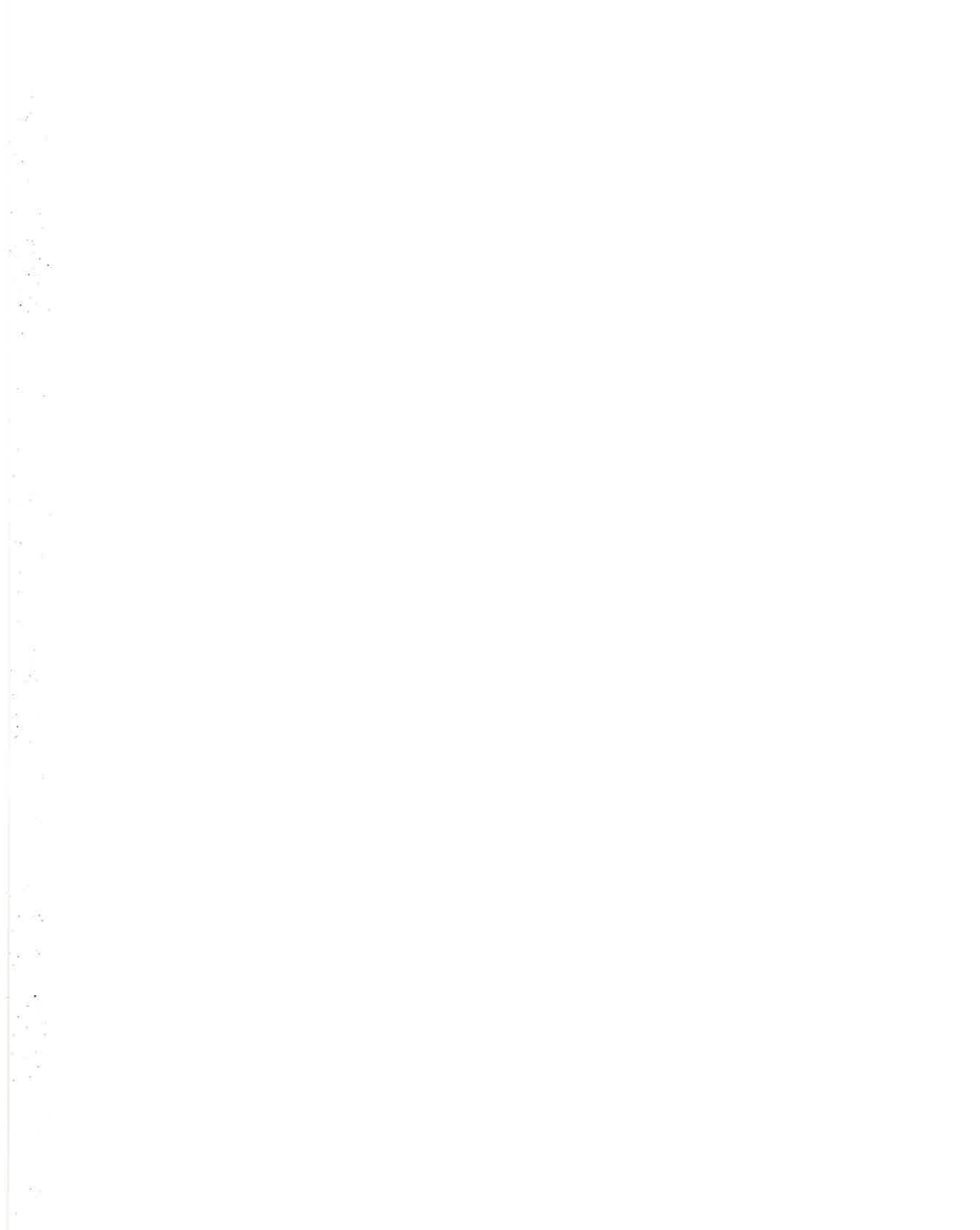


EXHIBIT E

Christopher H. Neudeck

From: Steve Mello <stevemello55@yahoo.com>
Sent: Wednesday, March 25, 2020 12:57 PM
To: Bill Darsie
Cc: Christopher H. Neudeck; sshapiro@downeybrand.com; Gary Mello; Gary Mello; Dave C. Carr; Aaron Lickingteller
Subject: Re: Siphon @ approximate Station 40,000

Correct.

On Wednesday, March 25, 2020, 12:12:44 PM PDT, Bill Darsie <wdarsie@ksninc.com> wrote:

So we'll just remove and replace just the pipe on top of levee with ramp and cap it so future landowner can install the balance later?



Bill Darsie

711 N. Pershing Ave. Stockton CA 95203
209 946-0268 | fax: 209 946-0296 |
wdarsie@ksninc.com | <https://www.ksninc.com>

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From: Steve Mello <stevemello55@yahoo.com>
Sent: Wednesday, March 25, 2020 11:49 AM
To: Bill Darsie <wdarsie@ksninc.com>
Cc: Christopher H. Neudeck <cneudeck@ksninc.com>; sshapiro@downeybrand.com; Gary Mello <mellofarmer@yahoo.com>; Gary Mello <deltabkm@citlink.net>; Dave C. Carr <dcarr@ksninc.com>; Aaron Lickingteller <alickingteller@ksninc.com>
Subject: Re: Siphon @ approximate Station 40,000

The landowner is trying to sell the ranch and does not want to put any money into it. They will not complete the rest of the siphon at this time. They wanted us to pursue a siphon elsewhere on Tyler, but I told them no, because this was by far the most dangerous diversion.

On Wednesday, March 25, 2020, 11:35:41 AM PDT, Bill Darsie <wdarsie@ksninc.com> wrote:

Steve,

Just to be clear, is the District going to perform all the work, both District and Landowner share, or is the District going to only remove the old pipe, and install the new pipe through the levee and ramp and let the landowner perform the installation of the water and landside pipes and distribution box.

It is likely easier for the district to do the entire job with one contractor, but we can perform it either way. Did the landowner have a preference in that regard, and at some point, we'll need to make sure the installation works for him if the District does all the work.

Thanks,

Bill



Bill Darsie

711 N. Pershing Ave. Stockton CA 95203

209 946-0268 | fax: 209 946-0296 |

wdarsie@ksninc.com | <https://www.ksninc.com>

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From: Steve Mello <stevemello55@yahoo.com>

Sent: Wednesday, March 25, 2020 11:25 AM

To: Delta Bkm / Mello Farms <deltabkm@citlink.net>; Bill Darsie <wdarsie@ksninc.com>; Christopher H. Neudeck <cneudeck@ksninc.com>; Scott Shapiro <sshapiro@downeybrand.com>; Gary Mello <mellofarmer@yahoo.com>

Subject: Fw: Siphon @ approximate Station 40,000

----- Forwarded Message -----

From: Steve Mello <stevemello55@yahoo.com>

To: jgwalnuts@yahoo.com <jgwalnuts@yahoo.com>

Sent: Wednesday, March 25, 2020, 11:23:53 AM PDT

Subject: Siphon @ approximate Station 40,000

Jeff Schmid, Per our phone conversation, Reclamation District 563 (RD 563) wishes to remove a dangerously low siphon on the Doug and Patricia Allen property on Tyler Island. RD 563 will pay for removal of the most downriver siphon on the Allen Ranch on the east side of Tyler Island @ approximate Station 40,000. RD 563 will pay for and install the portion of the siphon that passes through the levee horizontally from the water side to the land side. RD 563 will also pay for fill and gravel needed to reconstruct the levee section and patrol road. It will be the property owner's responsibility to replace the water and land side portions of the siphon and any valve and sump required. Please create a letter, signed by an authorized representative of the owners that agrees to this proposal and return it to RD 563 PO Box 470 Walnut Grove, Cal. 95690. RD 563 has our next meeting on 4/14. I would appreciate a response before then. Give my regards to Pat. Thank You. Steve Mello.

EXHIBIT F

DRAFT Drainage Canal/Ditch Policy Reclamation District No. 563

Steve Mello, President of Reclamation District No. 563 (District), as a committee of one, with consultation by KSN, Inc. (District Engineer), proposes the following District Canal/Ditch Cleaning Policy to be presented and voted on by all Tyler Island landowners/tenants. The intent of the Policy is three-fold:

1. Outline the responsibilities of both the District and the landowners/tenants in the maintenance of adequate island-wide drainage.
2. Provide agreeable definitions, procedures and access requirement regarding the placement of ditch spoils resulting from ditch cleaning operations
3. Establish a desired maintenance schedule for cleaning of the District ditches by District personnel.

In order to establish and maintain adequate irrigation and discharge flows for all Landowners/Tenants on Tyler Island, responsibilities and negligence for each party must be defined in order to establish a framework of operations as directed by trustees following a public workshop to identify problems and issues and find workable solutions. The following guidelines and definitions will be the basis of the public workshop and provided any edits or changes are approved, shall be implemented by the District. The desire of the District is to ensure the uninterrupted functionality of the Canal/Ditch maintenance operations in a good-faith manner accommodating to both the District Personnel and the Landowners/Tenants :

1. Responsibilities:

a. Responsibility of the District :

Responsibility of the District is to use best effort to provide and maintain a free-flowing District Canal/Ditch to accommodate both irrigation water and drainage and to provide an unobstructed access along the canals constructed of the excavated ditch spoils. District Canal/Ditch cleaning will be performed by District personnel or by District Contractors. District personnel will periodically inspect the District Canals/Ditches to support that channels are kept open and free of obstructions preventing sufficient flow of water.

b. Responsibility of the Landowner/Tenant:

Responsibility of the Landowners/Tenants is to provide District personnel access to the District Canals/Ditches for the purpose of maintenance of free-flowing sources of irrigation water and drainage to and from Landowners/Tenants. Landowners/Tenants will be required to keep all crops a MINIMUM of 25 feet away from the District Canal/Ditch waterside hinge point to allow District personnel access to said Canals/Ditches for the purpose of maintenance (i.e. ditch cleaning) activities. For permanent tree/vine crops, the 25-foot setback must be adhered to. For annual crops on non-rotational cleaning years, exceptions shall be made on a case-by-case basis. The refusal of a Landowner/Tenant to provide District personnel access the District Canals and Ditches, through the maintenance of the 25-foot setback may result in the District taking legal action against the Landowner/Tenant.

DRAFT Drainage Canal/Ditch Policy Reclamation District No. 563

2. Definitions, Procedures and Access

a. Ditch Spoils Definition

Ditch Spoils are defined as the soil remnant excavated from the District Canals/Ditches that are side cast on alternate banks of the drainage channel.

b. Procedures

- i. Ditch spoils will be knocked down sufficiently enough to allow reasonable access for District Personnel and Landowners/Tenants after each cleaning operation.**
- ii. The landowner will chop or disk 1 side of the ditch to allow safe and efficient operation of the cleaning equipment.**
- iii. All spoils from the District ditch cleaning shall be disked or bulldozed to allow for future inspection, cleaning and spraying of the ditch.**
- iv. Pipe/and culvert crossings of District ditches will be installed and maintained by the District to allow landowner and District access across District ditches**

c. Access

The Landowner/Tenant shall not purposefully or otherwise, obstruct reasonable access by District Personnel, to the 25-foot Right-of-Way (i.e. not removing Landowner/Tenant Ditch Spoils obstructing access to District Canals/Ditches. Ditch Spoils removed from Landowner irrigation ditches will be sufficiently knocked down and graded by the landowner to provide reasonable access to District Canals/Ditches for District Personnel.

3. Maintenance Schedule

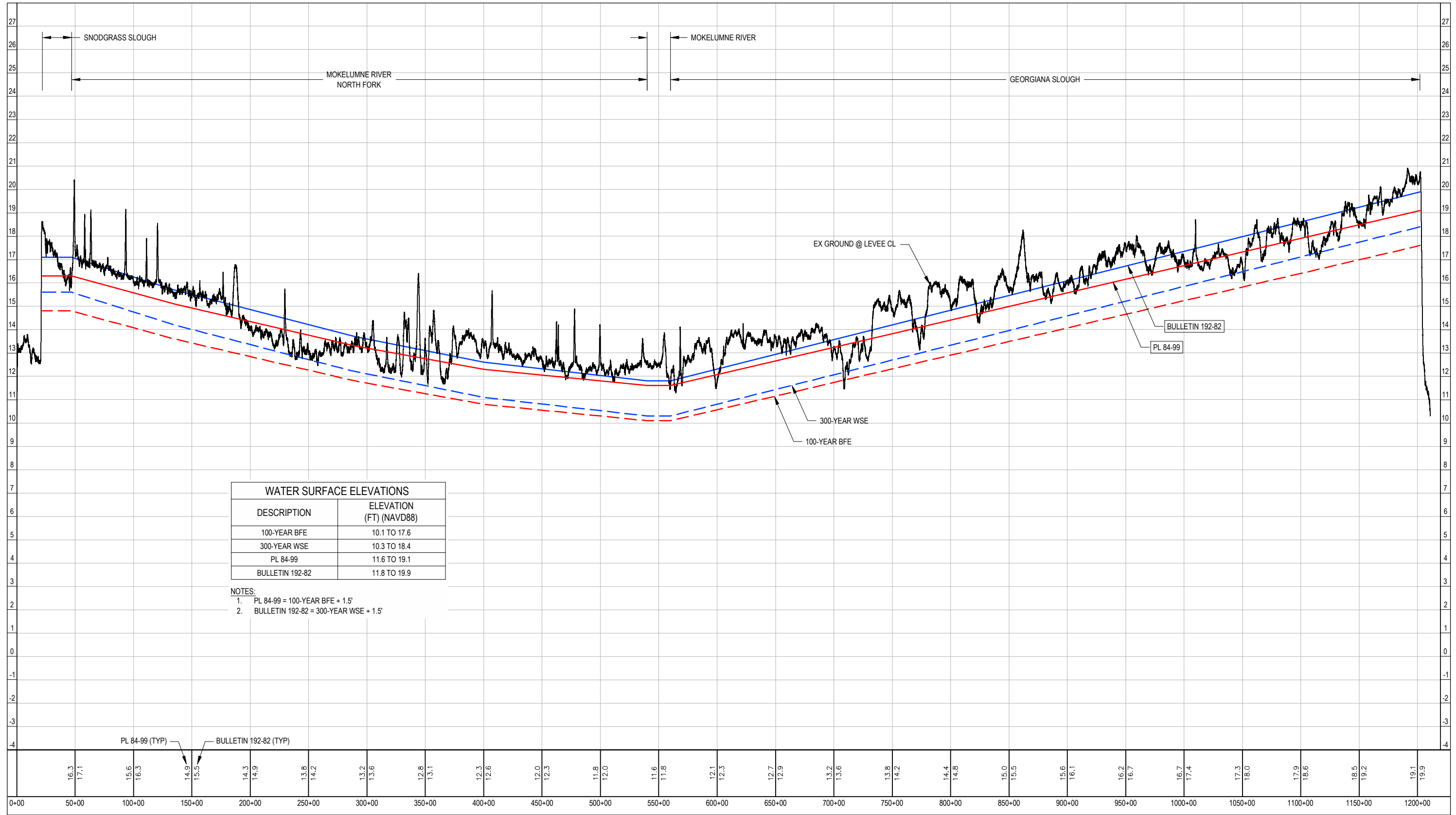
- a. It is the District's intention, subject to budget, access and weather, that District Canals/Ditches will be cleaned every three (3) years by District Personnel unless conditions demand a higher frequency (i.e. vegetative mats, heavy sediment infusion, etc.). The determination of a greater frequency of Canal/Ditch cleaning operations will be determined by a majority vote, or as otherwise agreed upon, by District Trustees.**
- b. There are weather and operational conditions that might cause a delay in this schedule, however, all efforts will be made to not cause a drainage problem for any landowner.**

DRAFT Drainage Canal/Ditch Policy Reclamation District No. 563



Additional items to consider:

- **Additional language regarding how district may address damages caused by District to Landowner property.**
- **What kind of punitive actions will be taken against those landowners refusing to cooperate? Does the district retain the right to punitive damages from Landowners refusing to participate?**
- **An 'agreed upon' plan where all persons are acting in 'good faith' to maintain an enhanced irrigation/drainage system reasonably accessed by district personnel must have definitions of responsibilities, negligent activities, and punitive consequences...and agreed upon by all parties (or at least most).**
- **District owes a duty to landowners through which their ditches pass to maintain their ditches, using ordinary care so as to prevent damage to the adjoining real property.**
- **'duty of ordinary care' = a person of average prudence and intelligence would use, under like circumstances to protect his own property.**
- **Where does the District ditch end? Think here about the intersection of its ditch and another ditch being free of obstructions-district ditch tender's duty?**
- **Designated conservation areas on Tyler? How will they be affected by this? Similar to utility locations in some ways I suspect.**
- **Any restrictions, rights-of-way along Race Track Road or Around utilities that would affect ditch spoils setback?**
- **How to handle different landowners on different sides of the canal**

FILE: S:\0675_Tyler\Station\1280_17-18_DWR_5_Year_Plan\08_Civil\400_Plans\020_CAD\Exhibits\Exh_RD_563_PL84-99_Comparison.dwg
 PLOT DATE: Apr 13, 2020 - 12:26pm



- NOTES:**
1. VERTICAL DATUM = NAVD 88.
 2. EXISTING GROUND (EG) ELEVATIONS ARE BASED ON 2017 DWR LIDAR DATA.
 3. BASE FLOOD ELEVATIONS (BFE) ARE BASED ON 1992 USACE SACRAMENTO-SAN JOAQUIN DELTA HYDROLOGY SPECIAL STUDY.

 NORTH ORIENTATION	 KJELDSEN SINNOCK NEUDECK CIVIL ENGINEERS & LAND SURVEYORS www.ksninc.com	711 N Pershing Avenue Stockton, CA 95203 209-946-0268 1550 Harbor Drive, Suite 212 West Sacramento, CA 95691 916-403-5900	RECLAMATION DISTRICT NO. 563 FIVE YEAR PLAN EXISTING CONDITIONS COMPARISON OF PL 84-99 vs. BULLETIN 192-82		DRAWING SCALE VERT: 1" = 2' HORIZ: 1" = 4000' ORIGINAL DRAWING SCALE 0 1/2" 1"	EXHIBIT NO. 1
					PAGE NO. 1	